

Volume

#

R0499

BOOK A-499

4-879 b

INDEX DIAGRAM.

Township 25 South, Range 22 East

	¹⁶ 6	¹⁷ 7	8	9	10	11
44	40	38				
43	7	37	8	9	10	11
	36	35	27	26	25	24
43	18	33	17	16	15	14
	31	30				
42	19	29	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36

6-4817

Meanders of Right Bank Colorado River Range 4 5 - 8

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Page

BOOK A-499

4-879 b

INDEX DIAGRAM.

Township 24 South, Range 22 East
 86 84 83 82 81 79

78	6	175	5	150	4	134	3	119	2	103	1	69
	173		172		149		133		118		102	
76	7	171	8	147	9	132	10	117	11	101	12	67
	170		168		146		131		116		99	
75	18	166	17	145	16	130	15	114	14	98	18	65
	165		163		144		128		113		96	
73	19	161	20	143	21	127	22	112	23	95	24	63
	160		158		142		127		111		93	
71	20	157	29	140	28	124	27	107	26	91	25	
	155		154		136		122		105		89	
70	31	152	32	138 135	33	120	34	104	35	88	36	

6-817

Meanders of Left Bank Colorado River from 176 to 180
 Meanders of Right Bank Colorado River from 181 to 184

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Page

BOOK A-499

4-679 b

INDEX DIAGRAM.

Township 23 South, Range 22 East
 296 296 295 294 293 293

214	6	292	5	269	4	254	3	241	2	227	1	204
	291		290		268		253		240		226	
213	7	288	8	267	9	252	10	239	11	225	12	203
	287		287		267		251		238		224	
212	18	285	17	265	16	250	15	236	14	223	18	202
	284		283		263		249		235		222	
209	19	280	20	261	21	247	22	234	23	221	24	200
	279		277		260		246		232		220	
207	20	275	29	258	28	245	27	231	26	218	25	199
	274		273		257		244		230		217	
206	21	270	32	255	38	243	34	228	35	216	36	197

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Page

BOOK A-499

4-679 b

INDEX DIAGRAM.

Township 23 South, Range 11 East
 328 327 326 325 324 323

6	397	5	378	4	366	3	352	2	340	1	321
396		395		377		365		351		339	
7	394	8	376	9	363	10	350	11	338	12	320
393		392		375		362		349		337	
18	390	17	374	16	361	15	348	14	336	13	319
389		388		373		360		347		335	
19	387	20	372	21	359	22	346	23	333	24	318
386		384		371		357		345		333	
20	383	29	370	28	356	27	344	26	331	25	317
382		381		368		355		342		330	
21	379	32	367	31	354	30	341	29	329	28	315
308		309		310		312		313		314	

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Page

BOOK A-499

4-879 b

INDEX DIAGRAM.

Township *22 South* , Range *11 East*
 416 417 418 419 420 421 422 423

0	486	1	476	2	463	3	449	4	436	5	414
494		493		475		462		448		434	
7	492	8	474	9	461	10	447	11	433	12	413
491		490		473		459		445		432	
13	489	14	471	15	458	16	444	17	431	18	412
487		480		470		457		442		430	
19	484	20	468	21	455	22	441	23	429	24	411
483		482		467		454		440		428	
25	480	26	466	27	453	28	439	29	427	30	410
479		478		465		452		438		425	
31	477	32	464	33	451	34	437	35	424	36	408

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Page

BOOK A-499

RECEIVED

FIELD NOTES

MAR 28 1930
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

OF THE SURVEY OF THE

SURVEY OF PORTION OF NORTH BOUNDARY

SURVEY OF PORTION OF SUBDIVISION

ESTABLISHMENT OF 1/4 SEC. CORNERS BETWEEN

CLOSING CORNERS ON WEST BOUNDARY

MEANDERS ON RIGHT BANK COLORADO RIVER.

T. 25 S., R. 22 E.

Of the Salt Lake Base and Meridian,

In the State of UTAH

EXECUTED BY

Chas. F. Moore U.S. Surveyor.

Robt. C. Yundt, U.S. Surveyor.

In the capacity of U. S. Surveyor, under instructions dated February 17, 1928,

issued by the District Cadastral Engineer, ~~United States Surveyors~~ to govern surveys included in

Group No. 189, which were approved by the Commissioner of the General Land

Office, March 6, 1928 and assignment instructions dated

July, 14, 1928

Survey commenced July, 21, 1928

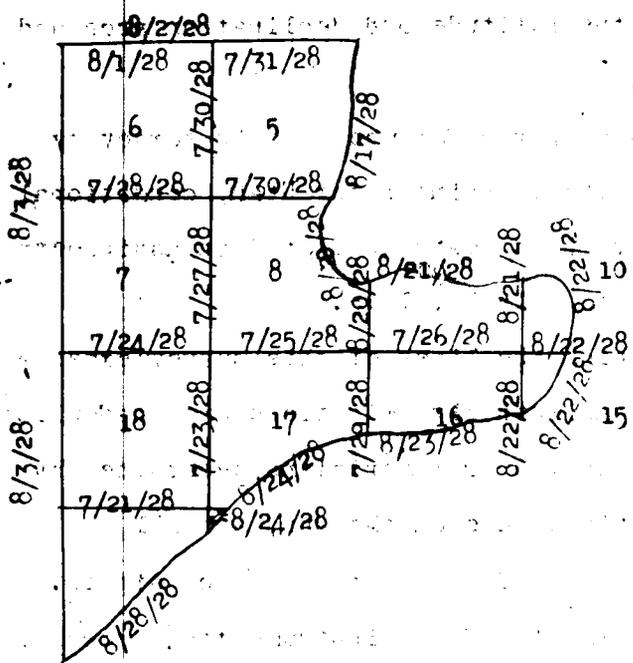
Survey completed August 28, 1928

Chas. F. Moore

Survey commenced July 21, 1928 and executed with Buft
 and Buft solar transit No. 9250 used by Chas. F. Moore
 U.S. Surveyor and Buft solar transit No. 9257

DATE DIAGRAM

U.S. Surveyor, and with
 vertical circle
 with two
 had reading



Lines in red surveyed by Chas. F. Moore, U.S. Surveyor.
 Line in black surveyed by Robert C. Yandt, U.S. Surveyor.

Section	Surveyed by	Date	Remarks
5	Chas. F. Moore	8/1/28	
6	Chas. F. Moore	7/28/28	
7	Chas. F. Moore	7/24/28	
8	Chas. F. Moore	8/1/28	
10	Chas. F. Moore	8/21/28	
15	Chas. F. Moore	8/22/28	
16	Chas. F. Moore	8/23/28	
17	Chas. F. Moore	7/29/28	
18	Chas. F. Moore	7/23/28	
	Robert C. Yandt	7/21/28	
	Robert C. Yandt	7/25/28	
	Robert C. Yandt	7/26/28	
	Robert C. Yandt	7/27/28	
	Robert C. Yandt	7/30/28	
	Robert C. Yandt	7/31/28	

Survey commenced July, 21, 1928 and executed with Buff and Buff solar transit No. 9220 used by Chas. F. Moore U.S. surveyor and Buff and Buff solar transit No. 9797 used by Robt. S. Yundt, U.S. surveyor, equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc which is the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests as stated in assignment instructions dated July 14, 1928.

The country over which the lines of this survey extends is open, and all azimuth determinations are accomplished by deflection angles from meridians determined by altitude observations made on the sun, and all courses are checked by double fore and back sights.

I examine the adjustments of the instrument and correct all errors. I then determine a meridian by altitude observations as follows: With Buff and Buff No. 9797. July, 24, 1928; Station 60.00 chs. west of the corner of secs. 17, 18, 19 and 20, in latitude $38^{\circ}37'10''$ N., and longitude $109^{\circ}34'$ W., declination $19^{\circ}50'40''$ N., I make a series of three altitude observations upon the sun for azimuth, each with the telescope in direct and reversed positions, observing limbs of the sun, and reading the horizontal deflection angle from small tree on the sky line, to the SE., to the sun.

Observation	Telescope	Watch time	Vertical angle	Horizontal angle tree to the sun.
1	direct	8h34m30s am	38°08'	3°27'
2	reverse	8h35m45s	37°54'	3°01'
	mean		38°01'	3°14'
1	direct	8h37m10s	38°41'	3°55'
2	reverse	8h38m00s	38°22'	3°25'30"
	mean		38°31'30"	3°40'15"

1	Direct,	8h ¹¹ 0m ⁰⁰ s	39°14'00"	4°23'00"
2	Reversed	8h ¹¹ 0m ⁴⁵ s	38°53'00"	3°53'00"
			39°03'30"	4°08'00"

By the first observation the tree bears S 89° 03' 50" E
 By the second observation tree bears S 89° 03' 35" E
 By the third observation the tree bears S 89° 03' 20" E

Mean true bearing of the tree S 89° 03' 38" E

This line was carried through the subdivisions and meanders and on the north boundary, and was checked by numerous altitude observations on the sun for azimuth during the progress of the survey.

All measurements were made with Lallie steel tapes, eight chains in length, compared with a Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the verticle angle determined, and the slope distances properly reduced to true horizontal distances.

Beginning at the meander corner of Secs. 4 and 33, Ts. 24 and 25 S., R. 22 E., and which is an iron post, 3 ins in dia., firmly set in the ground, properly marked and witnessed as described in the official field notes of the survey of T. 25 S., R. 22 E, 1912. This corner is set 76.00 chains West of the cor. of secs. 3, 4, 33 and 34, and is on the left bank of the Colorado river.

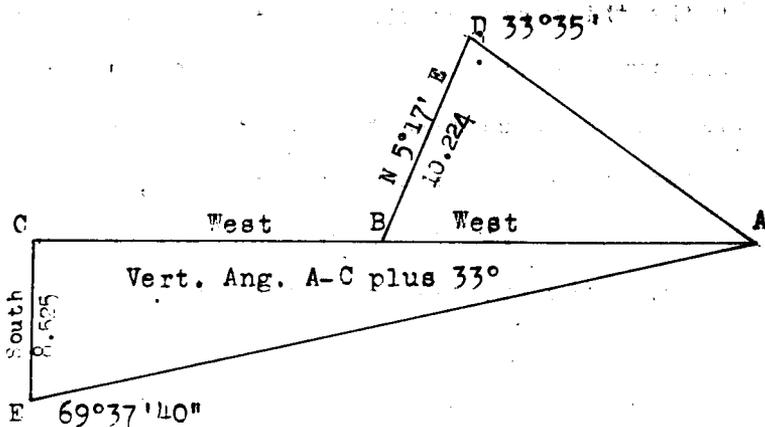
West on a random line between secs. 5 and 32.

The line to the west crosses the Colorado river and ascends the verticle rims of the river canyon and over which chaining is impracticable. Therefore, to determine the distance, I triangulate as follows: erect flag A at this point, flag B at the mean high water mark on line west and on the right bank of the river, and flag C on line on top of the right rim of the canyon. From B survey a base line B-D, N 5° 17' E, 10.224 chains. From C survey a base line, C-E, South, 8.525 chains. From E

SURVEY OF A PORTION OF THE NORTH BOUNDARY

Chains

flags A and C subtend an angle of $69^{\circ}37'40''$, all angles checked by repetition and the base lines double chained. From D, flags A and B subtend an angle of $33^{\circ}55'$



Distance by triangulation A to B,	6.42 chas
Distance on line to point B,	2.42 chs.
Distance by triangulation, A to C,	22.96 chs.
Distance on line to point C,	18.96 chs.

2.42 Intersect the mean high water mark on the right bank of the Colorado river, set temp. meander corner.

18.96 Point C of the triangulation, on top of the high ledges on the right rim of the canyon. Continue west along the random north boundary, setting temporary $\frac{1}{4}$ sec. cor. and sec. cor. alternately at intervals of 40.00 chains. Distance counted from the true point for the cor. of secs. 4, 5, 32 and 33; this point falling in the Colorado river.

184.80 Intersect the west boundary of the township at a point 52 links south of the cor. of Ts. 24 and 25 S., Rs. 21 and 22 E., which is an iron post, 3 ins. in dia., firmly set in the ground, properly marked and witnessed as described in the official field notes of the survey of T 25 S, R 21 E.

The true bearing of this part of the north boundary is $N 89^{\circ} 50' W.$

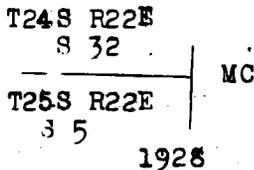
SURVEY OF PORTION OF NORTH BOUNDARY

Chains

From the meander corner on the left bank of the Colorado river, between secs. 4 and 33, T. 24 S., R. 22 E., which is set at 76.00 chs. from the East, N. 89° 50' W. on true line along the S. bdy. of sec. 32 T. 24 S., R. 22 E., counting distance from the true corner point for secs. 4, 5, 32 and 33.

Over rough and broken mountain land, through medium growth of timber and undergrowth.

2.42 Intersect the right bank of the Colorado river at mean high water mark, at point of intersection set iron post, 3 ft. long, 1 in. dia., 30 ins. in the ground, for the meander corner for secs. 5 and 32, with brass cap marked



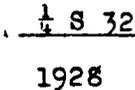
and raise mound of stone 3 ft. base, 2 ft. high, W. of the corner.

18.96 Top of vertical rim on the right of the Colorado river canyon, 800 ft. above the meander corner for secs. 4 and 33, bears NE. and SW.

Thence gradual ascent over rocky E. slope.

35.50 Top of slope, bears NW. and SE., 215 ft. above top of rim, thence over broken mesa top.

40.00 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 32 only, with brass cap marked



from which

A juniper 6 ins. diam., bears N. 61 $\frac{1}{4}$ ° W., 244 lks. dist., marked $\frac{1}{4}$ S 32 B T.

deposit sandstone 8 x 6 x 4 ins. marked with a cross at base of the monument.

40.79 At a point, 40.00 chains, easting from the closing

SURVEY OF PORTION OF NORTH BOUNDARY

Chains
 corner for secs. 31 and 32, T. 24 S., R. 22 E., therein
 after described. $\frac{1}{4}$ S 5 B T.
 Set iron post, 3 ft. long, 1 1/2 in. diam., 10 in. in the
 ground, for the base cor. of secs. 31 and 32, T. 24 S., R. 22 E., with
 brass cap marked $\frac{1}{4}$ S 5 B T.
 1928
 from which
 A juniper 6 ins. diam., bears S. 77° E., 204 lks.
 dist., marked $\frac{1}{4}$ S 5 B T.
 and deposit sandstone 7 x 4 x 3 ins. marked with cross
 (X) at base of the monument.
 45.80 Top of low ridge, bears N. and S., 26 ft. above top of
 slope.
 Thence over rolling sandy land.
 55.80 Leave sandy rolling land, bears N. and S. Commence
 descent over SW. slope.
 65.00 Sandstone ledge, 30 ft. high, bears NW. and SE.
 73.80 Bottom of draw, drains, S., 120 ft. below top of ridge.
 79.00 Top of low spur, projects SE., 35 ft. above bottom of
 draw.
 80.00 Set iron post, 3 ft. long, 2 in. diam., 10 in. in the
 ground, 20 ins. in large mound of stone, for the
 cor. of secs. 31 and 32, T. 24 S., R. 22 E., with brass
 cap marked
 T24S/R22E
 S 31 S 32
 1928
 from which
 A juniper 8 ins. diam., bears N. 81° E., 76 lks.
 dist., marked T 24 S R 22 E S 32 B T.
 A juniper 3 ins. diam., bears N. 11° W., 64 lks.
 dist., marked B T.
 Land, rough and broken, general drainage and exposure S.
 Soil, sandy and sandstone surface rock; 3rd. rate.

enladD

07.04

SURVEY OF PORTION OF NORTH BOUNDARY

Chains

Timber, juniper and pinon.

Undergrowth, sagebrush and black brush; with willows along river.

Poor grazing.

N. 89° 50' W., on true line along S. bdy. of sec. 31.

Over rough and rocky S. slope, through scattering timber and medium undergrowth.

0.79 Point for closing corner for secs. 5 and 6, T. 25 S., R. 22 E., hereinafter determined.

7.10 Bottom of draw, 20 ft. below sec. cor., drains SE.

12.00 Top of spur, projects SE., 90 ft. above bottom of draw. Continue gradual ascent over rolling land.

40.00 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 31 only, with brass cap marked

$\frac{1}{4}$ S 31

1928

deposit sandstone, 7 x 5 x 3 ins. marked with cross

(X) at base of the monument. No other accessories available.

40.79 At a point, 40. chs. westing from the closing corner for secs. 5 and 6.

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 6 only, with brass cap marked

$\frac{1}{4}$ S 6

1928

and deposit sandstone, 8 x 3 x 2 ins. marked with a

cross (X) at base of the monument. No other accessories available.

50.60 Top of low ridge, bears NW. and SE., 30 ft. above spur, desc. rocky W. slope.

57.00 Head of box canyon, 180 ft. below top of ridge, drains S.

59.90 Top of low spur, 20 ft. above head of canyon, projects

SURVEY OF PORTION OF NORTH BOUNDARY

Chains

enladO

104.80 SW. Intersect the line between the corner of T. 24 and 25 S., R. 21 and 22 E. Land, rough and broken, general drainage and exposure SE. Soil, sandy and sandstone surface rock; 3rd. rate. Timber, juniper and pinon. Undergrowth, sagebrush and black brush. Poor grazing.

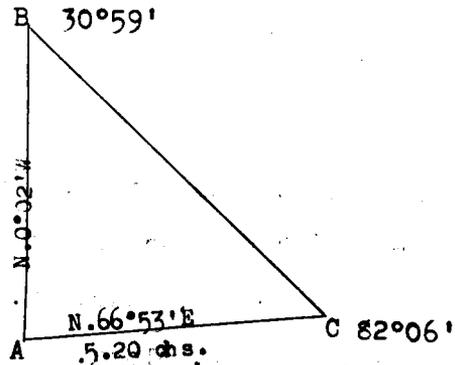
SUBDIVISIONS OF T. 25 S., R. 22 E.

From the meander corner between secs. 15 and 16, set at 67.57 chs., on the left bank of the Colorado river, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official notes of T. 25 S., R. 22 E. 1912.

N.0°02' W., between secs. 15 and 16.

The line to the north crosses the Colorado river, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at the meander corner, and erect flag "B" on line on the right bank of the river, from "A" survey base line, N.66°53'E., 5.20 chs. dist., and erect flag "C"; from "C" flags "A" and "B" subtend angle of 82°06'; angles checked by repetition and base line double chained.



Distance on line	-----	67.57 chs.
Distance by triangulation	-----	10.01 "
Total distance on line	-----	77.58 "

77.58

Intersect the mean high water mark on the right bank of the Colorado river, at point of intersection

Chains

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the meander corner, with brass cap marked

T25S	R22E
S16	S 15

MC

1928

raise mound of stone, 3 ft. base, 2 ft. high, N. of the corner.

Ascend S. slope through dense oak brush, mountain rush and yellow top.

80.00

Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked

T25S	R22E
S 9	S 10
S 16	S 15

1928

This corner stands on S. slope 60 ft. above the meander corner.

Land, rough; general drainage and exposure SW.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, none.

Undergrowth, oak brush, mountain rush and yellow top.

Grazing poor.

East on true line between secs. 10 and 15.

Descend over S. slope, through dense undergrowth.

2.01

Intersect the mean high water mark on the right bank of the Colorado river, 40 ft. below sec. cor., at point of intersection

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the meander corner, with brass cap marked

T25S
S 10

MC

S 15
R22E

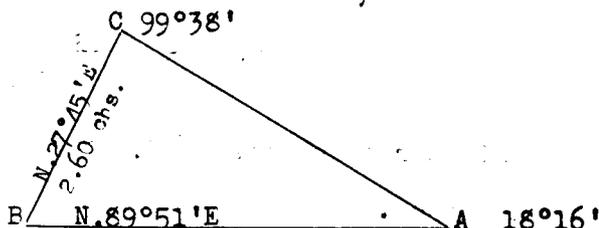
1928

Chains

eried 0

From this corner the meander cor. on the left bank, of the Colorado river, which is a iron post, 1 in. diam., set, marked and witnessed as described in the official/notes of T. 25 S., R. 22 E., set at 70.10 chs. from the east, bears N.89°51'E., and to determine the distance between these meander corners I triangulate as follows:

Erect flag "A" at the meander corner on the left bank, and erect flag "B" at the meander corner on the right bank, and from "B" survey base line N.27°45'E., 2.60 chs. dist., and erect flag "C"; from "C" flags "A" and "B" subtend angle of 99°38'; all angles checked by repetition and base line double chained:



Distance by triangulation-----8.18chs

Land, rough; general drainage and exposure SW.
 Soil, sandy and sandstone surface rock; 3rd. rate.
 Timber, none.
 Undergrowth, oakbrush, mountain rush and amole plant.
 Poor grazing.

From the corner of secs. 9, 10, 15 and 16, heretofore described.

N.0°02'W., between secs. 9 and 10.

The line to the north passes over vertical rim and ledges over which chaining on true line is impracticable. Therefore to determine the measurement, I offset as follows:

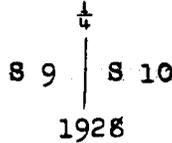
East, 2.00 chs. Thence
 N.0°02'W., on offset line.

36.79 Point of spur at foot of ledge, bears NW. and SW, 500 ft above meander corner, spur projects E.

Chains
40.50

Thence West, 2.00 chs. to true line.

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

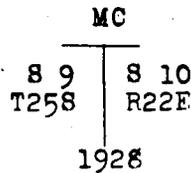


Thence $N.0^{\circ}02'W.$, on true line. Descend NE. slope.

55.59

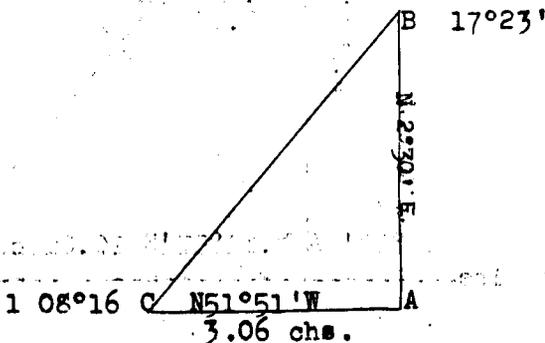
Intersect the mean high water mark on the right bank of the Colorado river. 490 ft. below top of spur. At point of intersection

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the meander corner, with brass cap marked



From this cor. the meander corner on the left bank of the Colorado river, which is an iron post, 1 in. diam. set, marked and witnessed as described in the official field notes of T. 25 S., R. 22 E., set at 15.00 chs. from the north, bears $N.2^{\circ}30'E.$, and to determine the distance between these meander corners I triangulate as follows:

Erect flag "A" at meander corner on the right bank, and erect flag "B" at the meander corner on the left bank, from "A" survey base line, $N.51^{\circ}51'W.$, 3.06 chs. dist. and erect flag "C", from "C" flags "A" and "B" subtend angle of $108^{\circ}16'$; all angles checked by repetition and base line double chained.

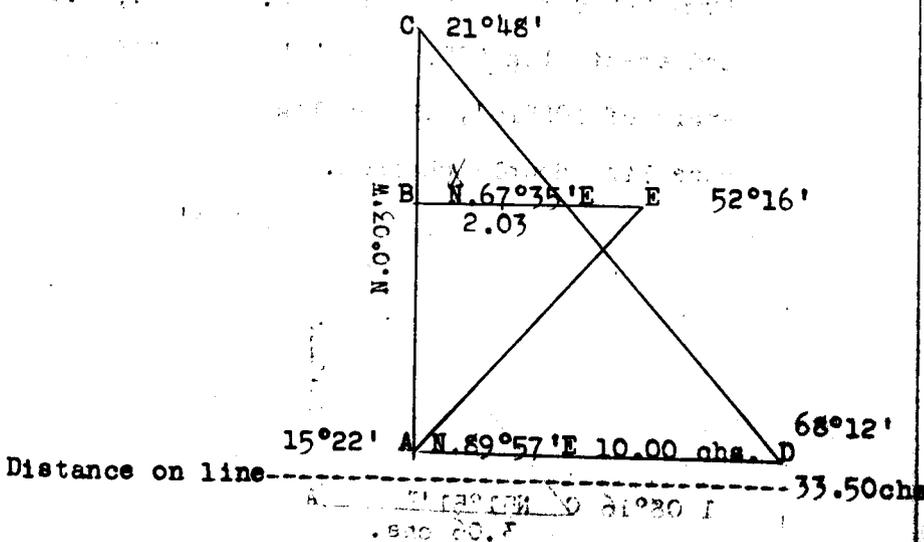


Chains

Distance by triangulation between meander corners--^{and 40} 3.73
 chs.
 Land, rough and broken; general drainage and exposure E.
 Soil, sandy and sandstone surface rock; 3rd rate.
 Timber, none.
 Undergrowth, sagebrush, oak brush and yellow top.
 Grazing poor.

From the meander corner between secs. 16 and 17, on the
 left bank of the Colorado river, which is an iron
 post, 1 in. diam., set, marked and witnessed as
 described in the official field notes of T. 25 S.,
 1912.
 R. 22 E. Set @ 33.50 chs. from the south.

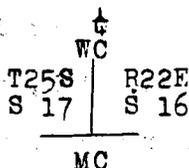
N. 0° 03' W., on true line, between secs. 16 and 17.
 The line to the north crosses the Colorado river over
 which chaining is impracticable. Therefore to
 determine the measurement I triangulate as follows:
 Erect flag "A" at the meander corner on the left bank,
 and erect flag "B" on the mean high water mark on the
 right bank, and erect flag "C" on top of the right
 rim of the Colorado river. From "A" survey base line
 N. 89° 57' E., 10.00 chs. dist. and erect flag "D"; from
 "D" flags "A" and "C" subtend angle of 68° 12'; from
 "B" survey base line, N. 67° 35' E., 2.03 chs. dist.,
 and erect flag "E", from "E" flags "A" and "B" subtend
 angle of 52° 16'; all angles checked by repetition and
 base line double chained



Chains

Distance by triangulation <u>A-B</u>	6.06 chs.
Total distance to flag "B"	39.56 "
Distance on line	33.50 chs.
Distance by triangulation <u>A-C</u>	25.00 "
Total distance on line to "C"	58.50 "

39.56. Intersect the mean high water mark on the right bank of of the Colorado river, at point of intersection Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the meander corner on the right bank, between secs. 16 and 17, and for the witness corner to the $\frac{1}{4}$ sec. cor., with brass cap marked



and raise mound of stone, 2 ft. base, 1½ ft. high, N. of the corner.

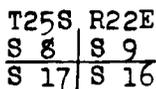
40.00 Point for the $\frac{1}{4}$ sec. cor., falls on sloping boulder where corner cannot be set.

The line to the north ascends over the vertical rim of the Colorado river canyon.

58.50 Top of vertical rim of the Colorado river canyon, bears NE and SW., 300 ft. high.

Thence over bench land, through scattering timber and medium undergrowth.

80.00 Set iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, 22 ins. in large mound of stone, for the corner of secs. 8, 9, 16 and 17, with brass cap marked



1928

from which

A juniper 4 ins. diam., bears N. 7½° E., 73

lks. dist., marked T25S R22E S 9 B T.

A juniper 3 ins. diam., bears S. 62¾° E., 35

lks. dist., marked B T.

A juniper 6 ins. diam., bears N. 57° W., 2.90

chains dist., marked T25S R22E S 8 B T.

antid

Chains

No other suitable bearing tree available.

Land, rough and broken; general drainage and exposure W.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth; willow and oak brush along river; sage-

brush and mountain rush on top of bench.

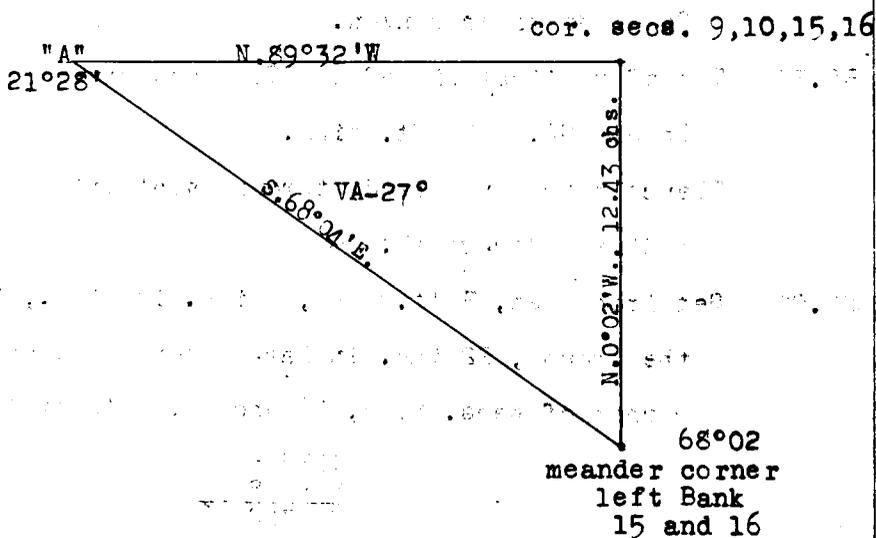
Poor grazing.

East on random line between secs. 9 and 16

40.00 Set temp. $\frac{1}{4}$ sec. cor.

48.40 The right rim of the Colorado river canyon, bears NE. and SW., about 300 ft. high, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point, the corner of secs. 9, 10, 15 and 16 which is visible bears S. $89^{\circ}32'E$; the meander corner on the left bank of the Colorado river between secs. 15 and 16, bears S. $68^{\circ}04'E$.



Distance on line-----48.40 chs.
 Distance by triangulation-----31.50 "
 Total distance of mile-----79.90 "

Therefore the true bearing of this mile is N. $89^{\circ}49'W$.

N. $89^{\circ}49'W$, on true line between secs. 9 and 16.

Ascend over precipitous slopes and vertical rims of the Colorado river canyon.

31.50 Top of rim, bears NE and SW. 1,002 ft. above sec. cor.

- Chains Over rough and broken bench land.
- 39.95 Set iron post, 3 ft. long, 1 ins. diam., over cross (X) out in solid surface 30 ins. in large mound of stone for the $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} 89 \\ 816 \\ \hline 1928 \end{array}$$
- from which
- A juniper 5 ins. diam., bears S. $12\frac{1}{4}^{\circ}$ E., 38 lks. dist., marked $\frac{1}{4}$ S 16 B T
- 48.50 Top of low ridge, bears N. and S., 30 ft. above top of rim.
- 64.50 Bottom of draw, drains SE.
- 79.90 The corner of secs. 8, 9, 16 and 17.
- Land, rough and broken; general drainage and exposure SW.
- Soil, sandy and sandstone surface rock; 3rd rate.
- Timber, juniper and pinon.
- Undergrowth, sage, brush, mountain rush and amole plant.
- Poor grazing.
-
- N. $0^{\circ}03'$ W., on true line between secs. 8 and 9.
- Over rough and broken bench land, through scattering timber and medium undergrowth.
- 9.80 Top of rocky sandstone spur, projects E., 140 ft. above sec. cor.
- 11.35 Right rim of the Colorado river canyon, 500 ft. high, bears NE. and SW.
- The line to the north descends over the right rim of the Colorado river canyon and across the Colorado river over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:
- Erect flag "A" at this point, and erect flag "B" on line at the mean high water mark on the right bank of the Colorado river, and erect flag "C" at the meander corner on the left bank, which is set at S. $0^{\circ}03'$ E. 42.75 from the corner of secs. 4, 5, 8 and

Chains

From this corner the meander corner on the left bank of the Colorado river bears N. 2°54'E., 6.51 chs. dist., determined by triangulation, "B" to "C".

Land, rough and broken; general drainage and exposure SE.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon on top of bench.

Undergrowth, sage brush and yellow top.

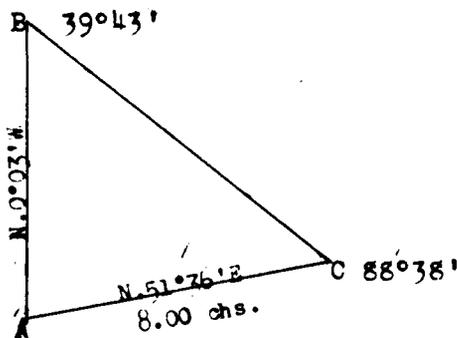
Poor grazing.

From the meander corner between secs. 19 and 20, on the left bank of the Colorado river, and set at 67.14 chs. from the south, which is an iron post, 3 ft. long, 1 in. diam., set, marked and witness as described in the official field notes of T. 25 S., R. 22 E.

N.0°03'W., on true line between secs. 19 and 20.

The line to the north crosses the Colorado river, over which chaining is impracticable, therefore to determine the measurement I triangulate as follows:

Erect flag "A" at meander corner on the left bank, and erect flag "B" on line to the north, and from "A" survey base line, N.51°36'E., 8.00 chs. dist., and erect flag "C", from "C" flags "A" and "B" subtend angle of 88°38'; all angles checked by repetition and base line double chained



Distance on line-----	67.14 chs.
Distance by triangulation-----	12.52 "
Total distance on line to "B"-----	79.66 "
By return measurement-----	1.60 "
	<u>78.06 "</u>

78.06

Intersect the mean high water mark on the right bank of

Chains

the Colorado river, this point falls on cut bank and is impracticable to set corner.

78.35

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness corner to the meander corner on the right bank of the Colorado river, with brass cap marked.

T25S	R22E
S 19	S 20
WMC	

and raise mound of stone 3 ft. base, 2 ft. high, N. of the corner.

80.00

Set iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 17, 18, 19 and 20, with brass cap marked.

T25S	R22E
S 18	S 17
S 19	S 20
1928	

Land, rough; general drainage and exposure SW.

Soil, sandy mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, sage brush, willow and yellow top.

Poor grazing.

East on true line between secs. 17 and 20.

Descend over SE. slope through dense willow brush.

2.13

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness corner to the meander corner on the right bank of the Colorado river, with brass cap marked.

T25S	
S 17	
S 20	WMC
R22E	

1928

and raise mound of stone, 3 ft. base, 2 ft. high, W. of the corner.

2.56

Intersect the right bank of the Colorado river

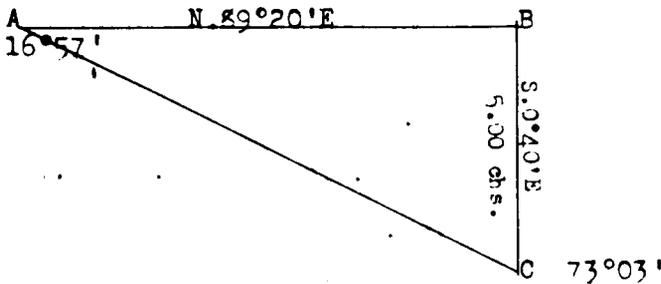
SUBDIVISIONS OF T. 25 S., R. 22 E.

Chains

at mean high water mark, which falls on out bank where it is impracticable to set corner.

The line to the east crosses the Colorado river where chaining is impracticable, therefore to determine the the connection between the meander corner I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on the meander corner on the left bank, which bears N. 89° 20' E., from "B" survey base line S. 0° 40' E., 5.00 chains and erect flag "C", from "C" flags "A" and "B" subtend angle of 73° 03'; all angles checked by repetition and base line double chained



Distance on line-----	2.56, chs.
Distance by triangulation-----	16.40 "
Total distance on line-----	18.96 "

18.96

Intersect the the meander corner on the left bank of Colorado river set at 61.08 from the East, and which is an iron post, 1 in. diam., set, marked and witnessed as described in the official field notes of T. 25 S., R. 22 E., 1911.

Land, rough; general drainage and exposure SW.

Soil, sandy mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, sage brush, yellow top, oak and willow brush.

Poor grazing.

From the corner of secs. 17, 18, 19 and 20.

The line to the west, ascend over the right rim of the

Chains

Colorado river canyon, over which chaining is impracticable, therefore to determine the measurement I run on offset as follow.

N.0°03'W., 3.36 chs. dist.

Thence ,

West, on offset line between secs. 18 and 19.

Over rough and broken bench land, through scattering timber and medium undergrowth. Topography given on offset line.

17.90 Top of sandstone spur, projects SW., 200 ft. above point of offset.

21.70 Bottom of draw, 100 ft. below top of spur, drains SW.

25.40 Thence S.0°03'E., 3.36 chs. to point on true line.

Thence West on true line.

40.00 Falls on sloping sandstone surface rock , impracticable to set corner.

40.44 Set iron post, 3ft. long, 1 in. diam., 6 ins. in the ground, 24 ins. in large mound of stone, for the witness corner to the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 18
S 19 WC
1928

and deposit sandstone 4 x 3 x 2 ins. marked with cross (X) at base of the monument.

40.70 Top of sandstone spur, projects SW., 40 ft. above bottom of draw.

The line to the west passes over the vertical walls of box canyon, over which chaining is impracticable, therefore to determine the measurement I triangulate as follows:

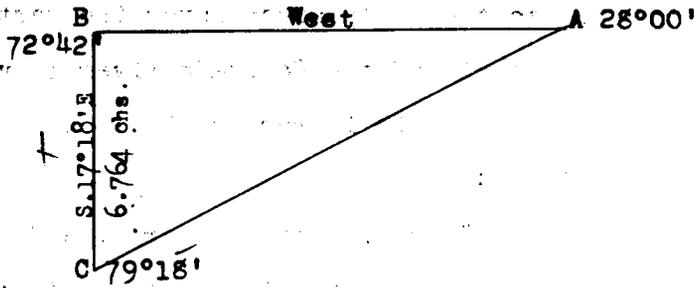
Erect flag "A" at this point, and erect flag "B" on line to the west, and from "B" survey base line

S.17°18'E., 6.764 chs. dist., and erect flag "C",

from "C" flags "A" and "B" subtend angle of 79°18'

all angle checked by repetition and base line double chained

Chains



Distance on line ----- 140.70 chs
 Distance by triangulation----- 14.16 "
 Total distance on line----- 54.86 "

Approximate distance to topography

45.70 Bottom of box canyon, drains SW., 150 ft. below rim.

52.00 Right rim of box canyon, bears NW. and S.

Thence over rough and broken mesa top.

103.99 Intersect the west boundary, 21 lks. south, of the witness corner to the corner of secs. 13, 18, 19 and 24, which is 2.15 chs. north of the true corner point, and is an iron post, 2 ins. in diam., set, marked and witnessed as described in the official field notes of T. 25 S., R. 21 E., I deface the marking on this post that refer to T. 25 S., R. 22 E., and at point of intersection

Set iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the closing corner for secs. 18 and 19 T. 25 S., R. 22 E., with brass cap marked

T25S	T25S
S13	S 18 C
R22E	S 19 C
	R22E

1928

Land, rough and broken, general drainage and exposure S.

Soil, sandy and sandstone surfacerock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush, blackbrush and mountain rush.

Poor grazing.

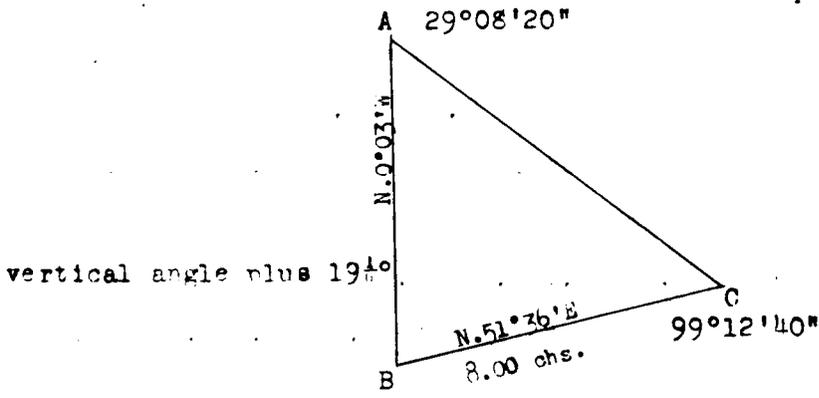
From the corner of secs. 17, 18, 19 and 20.

N.0°03'W., on true line between secs. 17 and 18.

Chains

The line to the north ascends over the vertical wall of the right rim of the Colorado river canyon, over which chaining is impracticable. I therefore triangulate as follows:

Erect flag "A" on line to the north, and as no suitable base is available at this point. I return to the meander corner on the left bank of the Colorado river between secs. 19 and 20, and designate it as "B" and survey base line N.51°36'E., 8.00 chs. dist., and erect flag "C", from "C" flags "A" and "B" subtend angle of 99°12'40"; all angle checked by repetition and base line double chained



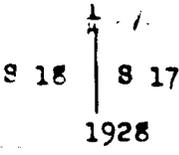
Distance by triangulation-----	16.22 chs.
Distance "E" south of corner-----	12.86 "
Distance on line between secs. 17 and 18-----	3.36 "

3.36 Top of vertical rim on right of Colorado river canyon, bears NF. and SW., 350 ft. above sec. cor.

Gradual ascent over broken mesa land, through scattering timber and medium undergrowth.

30.16 Draw, drains SE.

40.00 Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the 1/4 sec. cor., with brass cap marked



from which

A juniper 2 ins. diam., bears S. 50 1/2° E., 45 lks. dist. marked B T.

SUBDIVISIONS OF T. 25 S., R. 22 E.

Chains

A juniper 2 ins. diam., bears S. 10° W., 110 lks. dist., marked B T.

72.16 Top of ascent, bears NE and SW., 520 ft. above top of rim.

Gradual descent over NW. slope.

80.00 Set iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, 20 ins. in large mound of stone, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T25S	R22E
S 7	S 8
S 18	S 17

from which 1928

A juniper 3 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ E., 290 lks. dist., marked B T.

A juniper 6 ins. diam., bears S. 49° E., 110 lks. dist., marked T 25 S R 22 E S 17 B T.

A juniper 3 ins. diam., bears S. $19\frac{1}{2}^{\circ}$ W., 78 lks. dist., marked T 25 S R 22 E S 18 B T.

A juniper 3 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ W., 92 lks. dist., marked B T.

Land, rough and broken; general drainage and exposure S. Soil, sandy and sandstone surface rock; 3rd rate. Timber, scattering juniper and pinon. Undergrowth, sage brush, blackbrush and mountain rush. Poor grazing.

East on random line between secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intersect N. and S. line, 21 lks. S. of the corner of secs. 8, 9, 16 and 17. S. $89^{\circ}51'$ W., on true line between secs. 8 and 17. Over broken bench land, through scattering timber and medium undergrowth.

6.30 Draw, drains SW., 20 ft. below sec. cor.

27.70 Spur, projects S., 120 ft. above draw.

40.13 Set iron post, 3 ft. long, 1 in. diam., 5 ins. diam.

Chains in the ground, 25 ins. in large mound of stone, bearing
the $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S\ 8}{S\ 17}$
1928

from which

A juniper 6 ins. diam., bears N.39°15'E., 95
lks. dist., marked $\frac{1}{4}$ S 8 B T.

A juniper 6 ins. diam., bears S.20°45'E., 122
lks. dist., marked $\frac{1}{4}$ S 17 B T.

55.00 Bottom of canyon, drains south, 320 ft. below spur.

69.40 Top of spur, projects S., 120 ft. above bottom of
canyon.

80.26 The corner of secs. 7, 8, 17 and 18.

Land, rough and broken; general drainage and exposure

Soil, sandy and sandstone surface rock; 3rd. rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush and blackbrush.

Poor grazing.

West on true line between secs. 7 and 18.

Over rough and broken bench land, through scattering
timber and medium undergrowth.

8.00 Draw, drains SW., 20 ft. below sec. cor.

9.30 Spur, projects SE., 90 ft. above bottom of draw.

37.00 Bottom of canyon, drains SW., 230 ft. below top of spur.

40.00 Set iron post, 3 ft. long, 1 in. diam., over cross (X)
cut in solid surface rock, 30 ins. in large mound
of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S\ 7}{S\ 18}$
1928

no suitable bearing tree available.

45.50 Spur, projects SW., 140 ft. above bottom of canyon.

67.00 Bottom of canyon, drains SE., 210 ft. below top of spur.

73.40 Top of spur, projects SW., 60 ft. above bottom.

103.70 Intersect. N. bdy, 1.84 chs. N. of the corner for sec. 14

Chains

7, 12, 13 and 18, T. 25 S., R. 21 and 22 E., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official field notes of T. 25 S., R. 21 E. Deface all marking on this post that refer to T. 25 S., R. 22 E., and at point of intersection

Set iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for the closing corner for secs. 7 and 18 with brass cap marked.

T25S	T25S	
S12	S 7	C
R22E	S 18	C
	R22E	

1928

from which

A juniper 2 ins. diam., bears N. $44\frac{1}{2}^{\circ}$ E., 28 lks. dist., marked B T.

A juniper 2 ins. diam., bears S. $3\frac{1}{2}^{\circ}$ E., 3.06 chs. dist., marked B T.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush, blackbrush and mountain rush.

Poor grazing.

N. $0^{\circ}03'$ W., on true line between secs. 7 and 8.

Over rough and broken bench land, through scattering timber and medium undergrowth.

2.00 Draw, drains SW.

15.80 Top of ledges, 75 ft. high, bears NE. and SW. Thence over broken mesa top.

34.90 Ascend surface rock slope, bears NW. and SE.

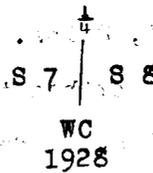
40.00 Falls on sloping surface rock slope. Impracticable to set corner.

40.09 Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 2 $\frac{1}{2}$ ins. in large mound of stone, for the witness corner to the $\frac{1}{4}$ sec. cor., with brass cap

Chains

marked

marked



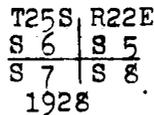
and deposit sandstone 7 x 5 x 2 ins. marked with cross (X) deposited at base of the monument.

This corner is 280 ft. above the sec. cor.

Continue ascent over broken mesa land.

80.00

60 ft. above the $\frac{1}{4}$ sec. cor. and on the top of a ridge bearing NW and SE
Set iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone for the corner to secs. 5, 6, 7 and 8, with brass cap marked



from which

A juniper 6 ins. diam., bears N.38 $\frac{3}{4}$ °E., 117 lks. dist., marked T25S R22E S 5 B T.

A juniper 6 ins. diam., bears S.77 $\frac{3}{4}$ °E., 63 lks. dist., marked T25S R22E S 8 B T.

A juniper 5 ins. diam., bears S.53 $\frac{1}{4}$ °W., 135 lks. dist., marked T 25 S R 22E S 7 B T.

A juniper 3 ins. diam., bears N.47°W., 156 lks. dist., marked B T.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, blackbrush, sage brush and mountain rush.

Poor grazing.

N.89°51'E., on true line between secs. 5 and 8.

Over rough and broken bench land, through scattering timber and medium undergrowth.

27.00

Small draw, drains S., 240 ft. below sec. cor.

33.10

Rocky spur, projects S., 90 ft. above draw.

Chains

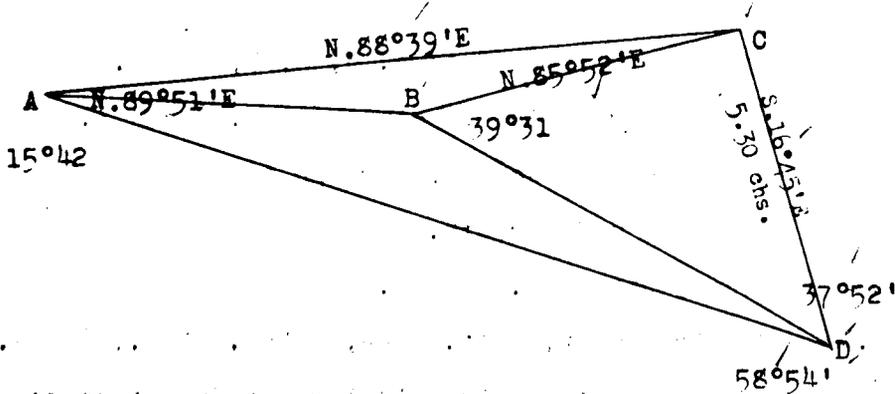
38.11 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness corner to the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{S 5}{S 8}$ WC
1928

and raise mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of the corner.

38.21 Right rim of the Colorado river canyon, bears NE and S. The line to the east descend over the rim of the Colorado river canyon, and across the Colorado river making chaining impracticable. Therefore to determine the measurement I triangulate as follows:

I erect flag "A" at this point, and erect flag "B" on line at the mean high water mark on the right bank of the Colorado river, and designate the meander corner on the left bank as "C", which bears N. 88° 39' E. from flag "A". Then from "C" survey base line, S. 16° 45' E., 5.30 chs. dist., and erect flag "D". From "D" flags "A" and "C" subtend angle of 58° 54', and flags "B" and "C" subtend angle of 37° 52'. From "C" flag "B" bears S. 85° 52' W; all angles checked by repetition and base line double chained.



Distance on line to "A"	-----	38.21 chs.
Distance by triangulation Easting A to C	-----	416.77 "
Total Easting to "C"	-----	54.98 "
Distance by triangulation Westing C to B	-----	5.10 "
Total Easting on line to "B"	-----	49.88 "

40.00 Falls on inaccessible ledges. impracticable to set corner.

SUBDIVISIONS OF T. 25 S., R. 22 E.

Chains 49.88 Intersect right bank of the Colorado river at mean high water mark, at point of intersection. said 0 11.38

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the meander corner on the right bank of the Colorado river, with brass cap marked

T25S	
S 5	MC
S 8	
R22E	
1928	

and raise mound of stone, 3 ft. base, 2 ft. high, W. of the corner.

Thence, N.85°52'E., 5.11 chs. dist., to

54.98 Easting, Intersect the meander corner on the left bank of the Colorado river, set at 25.53 from the east, and which is an iron post, 1 in. diam., set, marked and witnessed as described in the official field notes of T. 25 S., R. 22 E., 1911.

Land, rough and broken; general drainage and exposure SE.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush, blackbrush and willows along the river.

Poor grazing.

From the corner of secs. 5, 6, 7, and 8.

West on true line, between secs. 6 and 7.

Over broken mesa top, through scattering timber and medium undergrowth.

0.50 Ridge, bears NW. and SE.

40.00 Set iron post, 3 ft. long, 1 ins. diam., 6 ins. in the ground, and 24 ins. in large mound of stone, for the 1/4 sec. cor., with brass cap marked

S 6	
S 7	
1928	

from which

A juniper 3 ins. diam., bears N.46°E., 27

SUBDIVISIONS OF T.25 S., R. 22 E.

Chains

lks. dist., marked B T.

A juniper 5 ins. diam., bears S.53 $\frac{1}{2}$ °E., 110

lks. dist., marked $\frac{1}{4}$ S 7 B T.

96.17 Draw, drains SW., 320 ft. below top of ridge.

103.70 Intersect W. bdy., 1.66 chs. N. of the corner for secs.

1, 6, 7 and 12, T. 25 S., Rs. 21 and 22 E.,

A witness corner set 73 lks. N. of true position and is an iron post, 2 ins. diam., set, marked and witnessed

as described in the official field notes of T. 25 S.,

R. 21 E., I deface all marking on this post that refer

to T. 25 S., R. 22 E., and at point of intersection

Set iron post, 3 ft. long, 2 ins. diam., 4 ins. in the

ground, 26 ins. in large mound of stone, for the

closing corner for secs. 6 and 7, T. 25 S., R. 22 E.,

with brass cap marked

T25S	T25S	
S 1	S 6	C
R21E	S 7	C
	R22E.	
	1925	

from which

A juniper 3 ins. diam., bears N.3 $\frac{1}{2}$ °E., 110

lks. dist., marked B T.

A juniper 5 ins. diam., bears S.28 $\frac{1}{2}$ °E., 60

lks. dist., marked T 25 S R 22 E S 7 C C B T.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush and blackbrush.

Poor grazing.

N.0°03'W., on true line between secs. 5 and 6.

Over broken mesa land, through scattering juniper and pinon, and medium undergrowth.

13.90 Top of low spur projecting SE

40.00 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

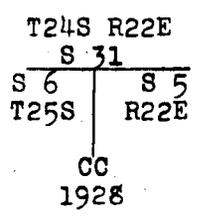
Chains

74.90
77.92



and deposit sandstone 7 x 5 x 4 ins. marked with cross (X) at base of the monument.

Draw, drains SE.
Intersect the N. boundary, 79 lks. N. 89° 50' W. of the corner for secs. 31 and 32, T. 24 S., R. 22 E., heretofore described. At point of intersection Set iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, 16 ins. in large mound of stone, for the closing corner for secs. 5 and 6, with brass cap marked



from which

- A juniper 8 ins. diam., bears S. 34 1/2° E., 186 lks. dist., marked T25S R22E S 5 CC B T.
- A juniper 5 ins. diam., bears S. 51 1/4° W., 92 lks. dist., marked T 25S R22E S 6 CC BT.

Land, rough and broken; general drainage and exposure SE. Soil, sandy and sandstone surface rock; 3rd rate. Timber, juniper and pinon. Undergrowth, sage brush, blackbrush and mountain rush. Poor grazing.

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS ON W. BDY.

At a point 194 lks. north of the true corner point and 139 lks. north of the witness corner to the 1/4 sec. cor., for secs. 19 and 24, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official notes of T. 25 S., R. 21 E. I deface

ESTABLISHMENT OF QUARTER SECTION CORNERS

BETWEEN CLOSING CORNERS ON W. BDY.

Chains

all the markings on this post that refer to sec. 19.

Also 40 chains southing from the closing corner for
secs. 18 and 19, T. 25 S., R. 22 E.

Set iron post, 3 ft. long, 1 in. diam., over cross (X)
cut in solid surface rock, 30 ins. in large mound of
stone, for the $\frac{1}{4}$ sec. cor., for sec. 19 only, with
brass cap marked

$\frac{1}{4}$
|
S 19
1928

from which

A juniper 6 ins. diam., bears S. $48\frac{1}{2}^{\circ}$ E., 147
lks. dist., marked $\frac{1}{4}$ S 19 B T.

No other bearing tree available.

At a point 1.89 chs. North of the $\frac{1}{4}$ sec. cor., for secs.
13 and 18, which is an iron post, 1 in. diam., set,
marked and witnessed as described in the official
field notes of T. 25 S., R. 21 E., I deface all
markings on this post that refer to sec. 18.

Also, midway between the closing corners for secs. 7 and
18, and 18 and 19, T. 25 S., R. 22 E.

Set iron post, 3 ft. long, 1 in. diam., over cross (X)
cut in solid surface rock, 30 ins. in large mound of
stone, for the $\frac{1}{4}$ sec. cor., for sec. 18 only, with
brass cap marked

$\frac{1}{4}$
|
S 18
1928

no other accessories available.

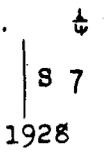
At a point 1.75 chs. north of the $\frac{1}{4}$ sec. cor., for secs.
7 and 12, which is an iron post, 3 ft. long, 1 in.
diam., set, marked and witnessed as described in the
official filed notes of T. 25 S., R. 21 E., I deface
all marking on this corner that refer to sec. 7.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. CORNERS BETWEEN
 CLOSING CORNERS ON THE WEST BOUNDARY.

Chains

Also, midpoint between the closing corners for secs. 6 and 7, and 7 and 18, T. 25 S., R. 22 E.

Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, 22 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., for secs. 7 only, with brass cap marked



from which

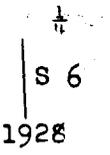
A juniper 3 ins. diam., bears S. 35° E., 115 lks. dist., marked B T.

No other bearing tree available.

At a point 1.56 chs. north of the $\frac{1}{4}$ sec. cor., for secs. 1 and 6, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official field notes of T. 25 S., R. 21 E. I deface all marking on this corner that refer to sec. 6.

Also, 40.00 chs. northing from the closing corner for secs. 6 and 7, T. 25 S., R. 22 E.

Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 24 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., for sec. 6 only with brass cap marked



and deposit a sandstone 9 x 8 x 4 ins. marked with cross (X) at base of the monument.

MEANDERS T. 25 S., R. 22 E.

From the meander corner on the right bank of the Colorado between secs. 5 and 12 on the N. bdy., hereinbefore described.

Meander through sec. 5, on the right bank of the Colorado river downstream.

Along rocky shore line, through medium undergrowth.

S.1°45'E., 3.70 chs.

S.4°45'W., 5.90 chs.

S.10°30'W., 19.40 chs.

S.28°30'W., 5.80 chs.

S.42°W., 7.90 chs.

S. 25°W., 19.30 chs.

S. 13°W., 7.70 chs.

S.26°17'W., 14.49 chs. Intersect the the meander corner between secs. 5 and 8 on the right bank of the Colorado river.

Land, rocky shore.

Soil, sandy mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, willow, oak and sage brush.

Thence in sec. 8.

Along rocky shore line, through medium growth of undergrowth.

S.6°45'E., 18.58 chs.

At 3.60 chs. Spring of good water, 1 in. deep, 2 ins. wide.

S.13°30'E., 15.50 chs.

S.42°30'E., 13.70 chs.

S.69°45'E., 16.30 chs. To the meander corner on the right bank of the Colorado river, between secs. 8 and 9.

Land, rocky shore.

Soil, sandy mixed with sandstone; 3rd rate.

Timber none.

Undergrowth, willows, and squaw berry brush.

Thence , in sec. 9.

Along rocky shore line through medium undergrowth.

N.75°04'E., 3.16 chs.

N.67°15'E., 17.40 chs.

N.61°30'E., 10.90 chs.

N.66° E., 5.90 chs.

N.52°30'E., 6.70 chs.

N.42°45'E., 3.80 chs.

N.66°E., 10.20 chs.

N.72° E., 12.30 chs.

N.73°30'E., 2.80 chs.

N.83°30'E., 4.10 chs.

S.71° E., 3.80 chs.

S.49° E., 5.60 chs.

S.51°51'E., 3.06 chs. To the meander corner of secs.
9 and 10.

Land, rocky shore line.

Soil, sandy mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, willows, oak and sage brush.

Thence, in sec. 10.

Along rocky shore line, through medium undergrowth.

S.55°30'E., 6.65 chs.

S.79°30'E., 2.70 chs.

S.40°30'E., 3.30 chs.

S.63° E., 3.10 chs.

S.47°30'E., 4.00 chs.

S.28°00'E., 3.00 chs.

S.9°00'E., 1.30 chs.

S.1°15'W., 5.10 chs.

S.5°30'W., 5.30 chs.

S.19°30'W., 15.50 chs.

S.32°30'W., 16.00 chs.

S.27°45'W., 2.60 chs., To the meander corner between
secs. 10 and 15.

Land, rocky shore line.

Soil, sandy mixed with sandstone surface rock.

Timber, none.

Undergrowth, oak, willow and sage brush.

Thence, in sec. 15.

Along rocky shore line through medium undergrowth.

S.39°43'W., 3.15 chs. To the meander corner between
secs. 15 and 16.

Land, rocky shore line.

Soil, sandy and sandy loam; 3rd rate.

Timber, none.

Undergrowth, willow, oak and sage brush.

Thence, in sec. 16.

Along rocky shore line through dense undergrowth.

S.45°15'W., 15.50 chs.

S.50°45'W., 3.00 chs.

S.58°45'W., 15.10 chs.

S.66°00'W., 5.50 chs.

S.75°30'W., 3.10 chs.

S.80°00'W., 5.60 chs.

S.77°00'W., 15.30 chs.

S.70°45'W., 19.90 chs.

S.73°30'W., 2.50 chs.

S.51°45'W., 2.60 chs.

S.67°45'W., 2.03 chs. To the meander corner between
secs. 16 and 17.

Land, rocky shore line.

Soil, sandy mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, willow, oak and sage brush.

Thence, in sec. 17.

Along rocky shore line, through dense undergrowth.

S.50°12'W., 4.06 chs.

S.60°30'W., 19.40 chs.

S.75°00'W., 8.80 chs.

S.62°45'W., 17.90 chs.

S.58°00'W., 9.40 chs.

S.65°15'W., 10.40 chs.

S.58°15'W., 9.90 chs.

S.69°11'W., 7.73 chs. To the true point for the meander corner between secs. 17 and 20.

Land, rocky shore line.

Soil, sandy mixed with sandstone.

Timber, none.

Undergrowth, willow, oak and sage brush.

Thence, in sec. 20.

Along rocky shore line, through dense undergrowth.

S.52°51'W., 3.21 chs. To the true point for the meander corner between secs. 19 and 20.

Land, rocky shore line.

Soil, sandy mixed with sandstone ; 3rd rate.

Timber, none.

Undergrowth, willow, oak and sage brush.

Thence , in sec. 19.

Along rocky shore line, through dense undergrowth.

S.58°41'W., 7.29 chs.

S.52°00'W., 20.20 chs.

S.53°45'W., 15.70 chs.

S.49°30'W., 17.90 chs.

S.50°45'W., 11.20 chs.

S.43°30'W., 8.20 chs.

S.46°00'W., 14.20 chs.

S.48°45'W., 11.30 chs.

S.59°15'W., 7.20 chs.

S.77°00'W., 14.00 chs.

S.65°36'W., 3.20 chs. To the meander corner on W. bdy.

between sec. 19 and 24, which is an iron post, 1 ins.

diam., set, marked and witnessed as described in

the official field notes of T. 25 S., R. 21 E.

Land, rocky shore line.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, none.

Undergrowth, willow, oak and sagebrush.

CLOSING ERRORS; T. 25 S., R. 22 E.

Lines designated.	True bearings.	Dist-ances.		Latitudes.		Departures.	
		Chs.	Chs.	Chs.	Chs.	Chs.	Chs.
W. Bdy. T25S R22E	South	397.93	.....	397.93	.....	.....	.....
S. Bdy. Sec. 30	East	104.03	.....	.....	.....	104.03	.....
E. Bdy. Sec. 30	N. 0°03'W.	80.00	.....	80.00	.....	.....	.07
S. Bdy. Sec. 20	S. 89°58'E.	80.06	.....	.....	.05	80.06	.....
E. Bdy. Sec. 20	N. 0°03'W.	80.00	.....	80.00	.....	.....	.07
S. Bdy. Sec. 16	S. 89°59'E.	80.18	.....	.....	.02	80.18	.....
S. Bdy. Sec. 15	S. 89°46'E.	80.10	.....	.....	.33	80.10	.....
E. Bdy. Secs. 10&15	N. 0°01'W.	160.00	160.00	.....	.....	.....	.05
S. Bdy. Sec. 3	West	80.00	.....	.....	.....	.....	80.00
E. Bdy. Sec. 4	N. 0°03'W.	77.50	77.50	.....	.....	.....	.07
N. Bdy. T25S R22E	West	76.00	.....	.....	.....	.....	76.00
	N. 89°50'W.	188.80	.52	.....	.....	.....	188.80
Convergency		.....	.....	.....	.....	.....	.22
Totals				398.02	398.33	344.37	345.28
					398.02		344.37
Errors in Latitudes and Departures					.31		.91

GENERAL DESCRIPTION

The land embraced in this fractional township, lies north and west of the Colorado river, forming the breaks of the river. The river flows through a deep canyon, with vertical walls of sandstone, that are inaccessible. The land above the canyon walls is rough and broken, with a drainage into the river.

The soil on the mesa top is sandy, with a great deal of surface sandstone. This soil is not suitable for farming. There is a medium growth of sage brush and blackbrush, and a sparse growth of grass, which affords poor grazing for livestock. The soil along the river is a sandy and sandy loam mixed with sandstone. The canyon is formed by steep slopes from the base of the canyon wall to the water edge. There is no bottom land suitable for farming, and the canyon wall makes it inaccessible for grazing. The undergrowth along the river is willow, oak and yellow top brush.

On the mesa top is a scattering growth of juniper and pinon of no commercial value.

There are no settlers in the township and the nearest Post Office and settlement is Moab Utah, about 5 miles southwest.

GENERAL DESCRIPTION

There was no surface indication of oil, coal or other mineral.

The river enters the township at the corner of secs. 4, 5, 32 and 33, and flows in a south westerly direction through secs. 5, 8, 9, 10, 16, 17, 18, 20, and leaves the township on the west boundary at the corner of secs. 19 and 30.

There is a small spring on the right bank of the Colorado river in sec. 8, but is inaccessible for stock watering purposes.

No Magnetic declination was taken, on account of defective needles.

4-680
(August, 1920)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Chas. A. Sleeper	Chainman
George Hurlburt	Chainman
Philander Maxwell	Chainman
Joel R. Huff	Chainman
Walter Bockholt	Cornerman
W. Dexter Fales Jr.	Cornerman
Richard Weiler	Flagman
Allan Peck	Flagman

CERTIFICATE OF UNITED STATES SURVEYOR.

We Chas. F. Moore and Robt. C. Yundt, U. S. Surveyors, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 17 th day of February, 19 28 we have well, faithfully, and truly in our own proper person^s, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the north boundary, subdivisions; and meanders on the right bank of the Colorado River. T. 25 S., R. 22 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such survey. Certified to at Salt Lake City, Utah March 28, 1930 Chas. F. Moore U. S. Surveyor. Salt Lake City, Utah, January 21, 1931 Robt. C. Yundt U. S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
DENVER, COLORADO, DECEMBER 1931, 19

The foregoing field notes of the survey of a portion of the north boundary and subdivisions, and the meanders on the right bank of the Colorado river. T. 25 S., R. 22 E.

executed by Chas. F. Moore and Robt. C. Yundt, U.S. Surveyors. under his special instructions dated March 17th, 19 28, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Wm. H. Johnson
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

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BOOK A-499

FIELD NOTES

OF THE SURVEY OF THE

NORTH AND WEST BOUNDARIES, PORTION OF THE EAST BOUNDARY,

SUBDIVISION AND MEANDERS OF THE RIGHT AND LEFT BANKS OF

THE COLORADO RIVER, ALL IN T. 24 S., R. 22 E.

Of the Salt Lake Base And Meridian,

the State of Utah

EXECUTED BY

Chas. F. Moore

and

Robert C. Yundt

in the capacity of U. S. Surveyor, under Special Instructions dated February 17,

1925, issued by the District Cadastral Engineer to govern surveys included in Group

No. 189, which were approved by the Commissioner of the General Land

Office, March 8, 1925, and Assignment Instructions dated July 14, 1925.

Survey commenced July 26, 1925.

Survey completed September 15, 1925.

INDEX DIAGRAM.

		Township 24 South				Range 22 East					
		30	29	27	26	25	23				
13	119	118	117	116	115	114	113	112	111	110	109
12	118	117	116	115	114	113	112	111	110	109	108
11	117	116	115	114	113	112	111	110	109	108	107
10	116	115	114	113	112	111	110	109	108	107	106
9	115	114	113	112	111	110	109	108	107	106	105
8	114	113	112	111	110	109	108	107	106	105	104
7	113	112	111	110	109	108	107	106	105	104	103
6	112	111	110	109	108	107	106	105	104	103	102
5	111	110	109	108	107	106	105	104	103	102	101
4	110	109	108	107	106	105	104	103	102	101	100

Readers of the right and left banks of the Colorado River, pages 121 to 124 inclusive.

Chains

DATE DIAGRAM

	9-11-28	9-11-28	9-10-28	9-8-28	9-7-28	9-7-28
8-14-28	6 9-14-28	5 9-7-28	4 9-8-28	3 8-31-28	2 9-4-28	1 9-15-28
8-14-28	7 9-17-28	8 9-14-28	9 8-31-28	10 8-23-28	11 9-4-28	12 8-31-28
8-12-28	16 9-13-28	17 9-17-28	18 8-25-28	15 8-25-28	14 8-24-28	13 8-23-28
8-12-28	19 8-10-28	20 8-27-28	21 8-24-28	22 8-14-28	23 8-14-28	24 8-15-28
8-8-28	30 8-11-28	29 8-31-28	28 8-31-28	27 8-1-28	26 8-15-28	25 8-16-28
8-7-28	31 8-9-28	32 8-22-28	33 8-21-28	34 8-2-28	33 8-1-28	36 8-4-28

Lines ruled in red were surveyed by Chas. Moore,
U. S. Surveyor.

Lines ruled in black were surveyed by Robert E. Yundt,
U. S. Surveyor.

Meanders of the right and left banks of the Colorado
River, were surveyed between dates of Aug. 4, 1928
to Aug. 15, 1928 inclusive.

Survey commenced July 22, 1928, and executed with Buff and Buff transits Nos. 9220 and 9797 used by Chas. F. Moore, U.S. Surveyor, and Robert C. Yundt, U.S. Surveyor respectively.

The instruments were approved for use on this survey conditional upon satisfactory field tests, by the District Cadastral Engineer for Utah, in assignment instructions dated July 14, 1928.

TEST OF INSTRUMENT NO. 9220.

I examine the adjustments of the instrument and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, I proceed as follows.

July 26, 1928: At my camp located near the cor. secs. 25, 26, 35, and 36, T. 24 S., R. 22 E., Salt Lake Base and meridian, Utah; at 11h 20.8m p.m. local mean time, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a flag located about 20 chains to the north of my station, which is in approximate latitude $38^{\circ}41'$ N., and longitude $109^{\circ}27'$ W.

July 27, 1928: I lay off the azimuth of Polaris, $1^{\circ}23'30''$ to the west, and mark the meridian thus determined by a flag located about 20 chains north of my station.

At 9h 00m a.m. apparent time, I set off $38^{\circ}41'$ N., on the latitude arc, $19^{\circ}11'$ N., on the declination arc, and determine a meridian which I find to agree within 1' of the true meridian.

At apparent noon, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and

observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	71° 28'
Reduced latitude	38° 41' N.
Mean watch time of observation	12h 6m 21.8s
Watch fast of local mean time	0h 0m 00.2s

At apparent noon with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $19^{\circ}09'00''$ N., which agrees with the computed declination of the sun.

At 3h00m^{p.m.} apparent time, with the latitude arc unchanged, I set off $19^{\circ}08'$ N., on the declination arc, and determine a meridian with the solar, which I find to agree within $1'30''$ of the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1'30''$ of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observation on Polaris.

Near the completion of the survey of this township, I make a final test of the instrument as follows.

August 5, 1928: Located near the cor. of secs. 7, 8, 17, and 18, T. 24 S., R. 22 E., Salt Lake Base and Meridian, Utah, in latitude $38^{\circ}44'$ N., longitude $109^{\circ}32'$ W., at 10h 41.6m p.m. local mean time, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a stake driven firmly in the ground, about 10 chains to the N. of my station.

August 6, 1928: At 9h 00m a.m. apparent time, I lay off the azimuth of Polaris, $1^{\circ}23'00''$ to the W., and marked the mean point in the meridian by a stake driven firmly in the ground, about 15 chains N. of my

station; I then set off $38^{\circ}44'$ N., on the latitude arc, $16^{\circ}49'$ N., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be $16^{\circ}38'$ N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time, with the latitude arc unchanged, I set off $16^{\circ}36'$ N., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, comes within $1'30''$ of the true meridian, I conclude that the instrument is still in satisfactory adjustment.

TEST OF INSTRUMENT NO. 9797.

I examine the adjustments of the instrument and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, I proceed as follows.

August 6, 1928: Stationed at the meridian established by observation on Polaris near the cor. secs. 7, 8, 17, and 18, Salt Lake Base and Meridian, heretofore described; at 8h 00m a.m. apparent time, I set off $38^{\circ}44'$ N., on the latitude arc, $16^{\circ}41'$ N., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be $16^{\circ}35'$ N., which agrees with the computed declination of the sun.

At 4h 00m p.m. apparent time, with the latitude arc unchanged, I set off '16°37' N., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1'30" of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observations made on Polaris and altitude observations on the sun.

For the final test of this instrument at the completion of the survey of this township, see test given at the commencement of the survey T. 23 S., R. 22 E. in the official field notes thereof.

MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel tapes 8 chains in length and found correct, being tested with a Lukin standard steel tape, 1 chain in length. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE.

The E. 3 miles and 76.00 chs. of the south boundary of this township, or the portion of the boundary E. of the Colorado River, was surveyed by J.W. Dougall, Scott Stewart and Eric Anderson, in year 1912, the course being W. and the distance 316.00 chs.

The remainder of the boundary was surveyed during the survey of fractional T. 25 S., R. 22 E., under this group, the course being N. 89°50' W., the distance 188.80 chs. and the fractional distance placed in the west half mile of the line bet. secs. 6 and 31.

The south 2 miles of the E. bdy. were surveyed by Donald B. Clement, U.S. Surveyor in year 1915, during the survey of fractional T. 24 S., R. 23 E., the course being N. and the distance 160.00 chs. The remainder of the boundary was run N., a distance of 320.00 chs. where the cor. Ts. 23 and 24 S., Rs. 22 and 23 E. was set.

The W. bdy. was run N. from the cor. Ts. 24 and 25 S., Rs. 21 and 22 E., a distance of 480.00 chs. where the cor. of Ts. 23 and 24 S., Rs. 21 and 22 E. was set.

The N. bdy. was run random and true from the cor. Ts. 23 and 24 S., Rs. 22 and 23 E. to the cor. Ts. 23 and 24 S., Rs. 21 and 22 E., the course being W., and the distance 503.75 chs., the fractional distance being placed in the W. half mile of the line bet. secs. 6 and 31.

The Colorado River flows in a southwesterly direction through the southeastern portion of this township, and the meander lines were run of both the right and left banks.

The township was subdivided from the S. to the N. and from the E. to the W., the fractional distance being placed against the W. and N. boundaries of the township.

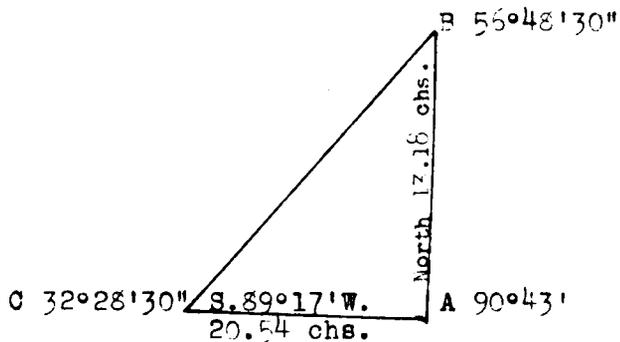
SURVEY OF A PORTION E. BDY. T. 24 S., R. 22 E.

Chains

From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the notes of the survey fractional T. 24 S., R. 23 E. North, bet. secs. 19 and 24.

Over broken land through scattered timber and undergrowth.

High inaccessible ledges about 10 chains to the N. of this cor. make chaining impracticable, I therefore determine the distance to the top of ledges by triangulation as follows. Erect flag A at the sec. cor. and flag B on line N. From A, measure base line AC, S. 89°17' W., 20.54 chs. dist., and from ^{which} point, flags A and B subtend an angle of 32°28'30". All angles checked by repetition and base line double chained.



Distance by triangulation 13.18 chs.

13.18 To point B of triangulation at top of rim of ledges, 300 ft. high, bears E. and W. Trench by chaining; ascend gradually over broken S. slope of mesa.

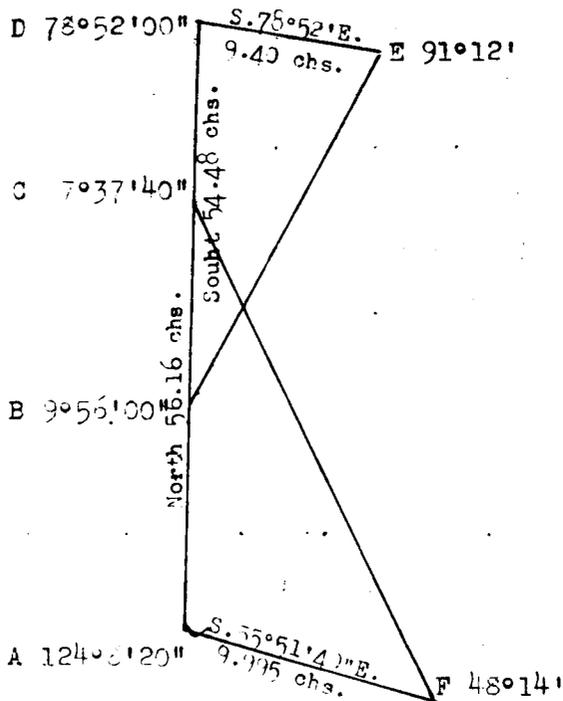
26.91 Sour, 90 ft. above rim of ledge, projects E.

The line to the N. of this point passes over the broken breaks of a draw and the high rims of ledges over which it is impracticable to chain, I therefore triangulate as follows. Erect flag A at this point and flags B, C, and D on line N. From A, measure base line AF, S. 55°51'40" E., 9.995 chs. dist. From D, measure base line DE, S. 78°52' E., 9.40 chs. dist. From E, flags BD subtend an angle of 91°12'. From F, flags AC subtend an angle of 48°14'. All angles checked by

SURVEY OF A PORTION E. BDY. T. 24 S., R. 22 E.

Chains

repetition and base lines double chained.

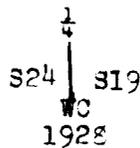


Distance on line to A	26.91 chs.
Distance by triangulation A to C	56.16 chs.
Total distance on line to C	<u>83.07 chs.</u>
Distance by return measurement	3.07 chs.
	<u>80.00 chs.</u>

Distance on line to C	83.07 chs.
Distance by chaining C to D	15.08 chs.
Total distance on line to D	98.15 chs.
Distance by triangulation D to B	54.48 chs.
Total distance on line to B.	<u>43.67 chs.</u>

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on steep slope of surfacerock where it is impossible to set cor.

43.67 To point B of triangulation on low spur, projects NE. At this point, on surfacerock, mark a cross (X) over which set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a bund of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 19 and 24, with brass cap marked



No other suitable accessories available.

Continue by triangulation of high ledges which form the breaks of draw.

53.60 Approximate distance; bottom of rocky draw, drains SE.; ascend abruptly over broken N. breaks of draw.
 50.00 On broken S. slope, 300 ft. above draw.
 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for cor. secs. 13, 18, 19, and 24, with brass cap m marked.

T24S	
R22E	R23E
S13	S18 ✓
S24	S19

1928

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken by sandstone ledges, with a general southerly and southeasterly exposure and drainage.

Soil, shallow loose sand and rocky with sandstone outcrops; 4th rate.

Undergrowth, scattered sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 13 and 18.

Ascend abruptly over broken abrupt S. slope of ledges through scattered timber and undergrowth.

3.07 To point C of triangulation described on line bet. secs. 19 and 24.

18.15 To point D of triangulation described on line bet. secs. 19 and 24, and point on top of sandstone ridge, 600 ft. above cor., bears E. and W.; descend abrupt N. slope.

25.00 Bottom of ~~red~~ Valley Wash Valley, 250 ft. below ridge, drains NW; ascend gradually along W. slope.

SURVEY OF A PORTION OF SECTION 22 T.

Chains

40.00

On broken W. slope, 150 ft. above draw.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
 the ground to bedrock and 20 ins. in a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap marked.

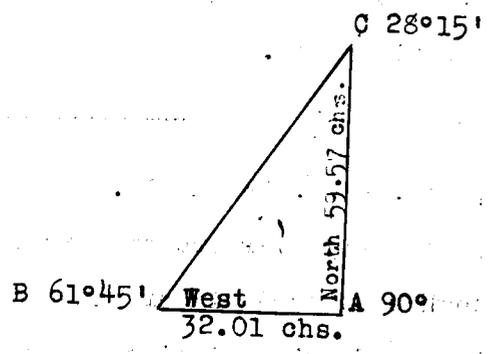


From which:

A juniper, 10 ins. diam., bears N. 20° E., 439 lks.
 dist., marked $\frac{1}{4}$ S13 BT.

A juniper, 10 ins. diam., bears S. 5° W., 56 lka.
 dist., marked $\frac{1}{4}$ S13 BT.

High ledges to the N. of this cor., make chaining
 impracticable, I therefore triangulate as follows.
 Erect flag A at the cor. secs. 13, 18, 19, and 24.
 Designate a point West, 32.01 chs. dist. from the cor.
 of said secs. B. Erect flag C on line North from the
 $\frac{1}{4}$ sec. cor. and from which point, flags A and B subtend
 an angle of 28°15'. All bearings checked by deflection.



Distance by triangulation 59.57 chs.

59.57

Top of rim of ledges, 650 ft. above the $\frac{1}{4}$ sec. cor.,
 bears NW. and SE.; thence ascend gradual SW. slope
 through dense timber.

63.60

Top of ridge, 30 ft. above rim of ledge, bears NW. and
 SE.; descend gradual N. slope.

80.00

On gradual N. slope of surfacerock, 90 ft. below top of
 ridge, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 7, 12, 13, and 18, with brass cap marked.

T24S	
R22E	R23E
S12	S7
S13	S18

1928

From which:

- A juniper, 4 ins. diam., bears N. 80°45' E., 77 lks. dist., marked T24S R23E S7 BT.
- A juniper, 4 ins. diam., bears S. 44°45' E., 115 lks. dist., marked T24S R23E S18 BT.
- A juniper, 5 ins. diam., bears S. 31°15' W., 85 lks. dist., marked T24S R22E S13 BT.
- A juniper, 4 ins. diam., bears N. 43°30' W., 63 lks. dist., marked T24S R22E S12 BT.

Land, broken by ledges with a general northwesterly and southwesterly exposure and drainage.

Soil, shallow loose sand and rock with sandstone outcrops; 4th rate.

Undergrowth, scattered sage and black brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

North, bet. secs. 7 and 12.

Descend gradual N. slope of broken mesa land through scattered timber and undergrowth.

23.30 Draw, 140 ft. below cor., drains NE.; ascend gradually over broken SW. slope.

40.00 On surfacerock, 80 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$
 S12 | S7
 1928

From which:

A juniper, 4 ins. diam., bears N. 73°15' E., 38 lks. dist., marked $\frac{1}{4}$ S7 BT.

A juniper, 6 ins. diam., bears N. 78°70' W., 66 lks. dist., marked $\frac{1}{4}$ S12 BT.

Continue gradual ascent over broken SW. slope.

61.00 Ridge, 120 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradual NE. slope.

80.00 On gradual NE. slope, 140 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone, for cor. secs. 1, 6, 7, and 12, with brass cap marked.

T24S
 R22E | R23E
 S1 | S6
 S12 | S7
 1928

From which:

A juniper, 8 ins. diam., bears N. 42°15' E., 44 lks. dist., marked T24S R23E S6 BT.

A pinon, 10 ins. diam., bears S. 49°15' E., 38 lks. dist., marked T24S R23E S7 BT.

A pinon, 5 ins. diam., bears S. 38°15' W., 71 lks. dist., marked T24S R22E S12 BT.

A pinon, 7 ins. diam., bears N. 22° W., 101 lks. dist., marked T24S R22E S1 BT.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rocky, with sandstone outcrops; 3rd rate.

Undergrowth, scattered sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SURVEY OF A PORTION OF E. BDY. T. 24 S., R. 22 E.

Chains

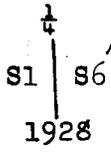
North, bet. secs. 1 and 6.

Descend gradually over broken NE. slope of mesa land through dense timber and scattered undergrowth.

7.50 Draw, 60 ft. below cor., drains NW.; ascend gradual SW. slope.

35.00 Spur, 40 ft. above draw, projects NW.; descend gradual NE. slope.

40.00 On gradual NE. slope, 20 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

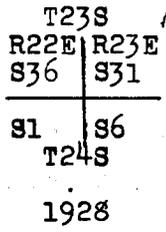


From which:
A juniper, 3 ins. diam., bears S. 35° E., 27 lks. dist., marked $\frac{1}{4}$ S6 BT.
A juniper, 8 ins. diam., bears S. 83° W., 18 lks. dist., marked $\frac{1}{4}$ S1 BT.

57.00 Draw, 60 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° W.; ascend gradual S. slope.

69.10 Top of small rocky knoll, 1 chain in diam.

80.00 On gradual S. slope, 60 ft. above draw.
Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. Ts. 23 and 24 S., Rs. 22 and 23 E. with brass cap marked.



From which:
A juniper, 4 ins. diam., bears S. 43° 15' E., 280 lks. dist., marked T24S R23E S6 BT.

No other suitable bearing trees available.

SURVEY OF A PORTION OF THE E. 1/4 OF T. 24 S., R. 22 E.

Chains

Deposit a sandstone, 4. x 3 x 2 ins., at base of post, marked with a cross (X).
 Land, broken by ledges with a general southwesterly and northeasterly exposure and drainage.
 Soil, shallow loose sand and rock with sandstone outcrop
 3rd rate.
 Undergrowth, scattered sage, and black brush and mountain rush.
 Timber, dense scrub juniper and pinon.
 Fair grazing land.

02.7
 00.35
 00.04

SURVEY OF WEST BOUNDARY OF T. 24 S., R. 22 E.

From the cor. Ts. 24 and 25 S., Rs. 21 and 22 E., which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described in the official field notes of the survey T. 25 S., R. 22 E.

North, bet. secs. 31 and 36.

The line to the north of this cor., passes over high inaccessible sandstone points, through scattered timber and undergrowth. To pass sandstone points, I run on traverse line as follows.

- N. 24°15' W., 4.59 chs. dist.
- N. 22°00' W., 6.58 chs. dist. At the end of this course, spur, projects W.
- N. 9°00' E., 29.36 chs. dist. At 20.00 chs. on this course, bottom of canyon, 200 ft. deep, drains SW.

The reduction of the above traverse; therefore is a northing of 39.84 chs., a easting of 4.59 chs. and a westing of 4.59 chs. or a point at:

39.84
 40.00

Point on true line; thence on true line.
 On rocky SW. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 6 in. in the ground to bedrock and 2 1/2 ins. in a mound of stone, for

SURVEY OF WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains

(X) sec. corner, with brass cap marked.

‡
S36 | S31

1928

From which:

A pinon, 8 ins. diam., bears N. 81° E., 168 lks. dist., marked ‡ S31 BT.

A juniper, 4 ins. diam., bears S. 71° W., 93 lks. dist., marked ‡ S36 BT.

59.00 Top of rocky sandstone spur, projects W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for cor. secs. 25, 30, 31, and 36, with brass cap marked.

T24S.	
R21E	R22E
S25	S30

S36	S31

1928

From which:

A juniper, 26 ins. diam., bears N. 18°45' W., 110 lks. dist., marked T24S R21E S25 BT.

No other suitable accessories available.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 4th rate.

Undergrowth, scattered sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 25 and 30.

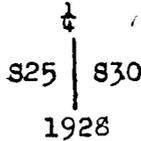
Over broken sandstone ledges through scattered timber and undergrowth.

15.37 A window in sandstone ledge which I designate as No. 4, bears N. 75°30' E. From this window, a window which I designate No. 3, bears SE., about 3.00 chs. dist.

Chains

40.00

On gradual S. slope of surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A juniper, 10 ins. diam., bears S. 28° E., 83 lks. dist., marked $\frac{1}{4}$ S30 BT.

A juniper, 3 ins. diam., bears N. 9°15' W., 56 lks. dist., marked BT.

From this cor., the window in sandstone ledge which I designated No. 4, bears S. 72°27' E., also the rib bet. windows which I designate Nos. 1 and 2, bears S. 57°50' E. For other bearing to this rib, see line bet. secs. 30 and 31.

59.40

The line to the N. of this pt., passes over the inaccessible breaks of a mass of sandstone ledges known as Window Monument. To pass this mass of ledges, I traverse and offset as follows.

N. 40°00' W., 6.11 chs. dist.

N. 34°00' W., 14.50 chs. dist.

North, 2.54 chs. dist

East., 10.32 chs. dist. to:

78.64

Point 1.72 chs. west. from true line. As the true point for the cor. secs. 19, 24, 25, and 30, falls in inaccessible ledges and this being the nearest point to the true point for cor. that can be reached, therefore at this point, which is 1.72 chs. W. and 1.36 chs. S. of the true point for cor.; in cove of ledges, draining W., on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs.

Chains

19, 24, 25, and 30, with brass cap marked.

T248	
R21E	R22E
S24	S19 WC
S25	S30

1928

No other accessories available.

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow loose sand and rocky with ledges; 3rd rate.

Undergrowth, scattered sage and blackbrush and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 19 and 24.

As it is impossible to reach the true point for the cor. secs. 19, 24, 25, and 30, on account of inaccessible ledges called Window Monument, I commence at the witness cor. to the cor. said secs., which is 1.72 chs. W. and 1.36 chs. S. of the true cor. point, and run on offset and traverse as follows, along the broken W. base of ledges through scattered undergrowth and timber.

West, 10.32 chs. dist.

South, 2.54 chs. dist.

N. 62°00' W., 11.55 chs. dist.

N. 16°00' W., 6.22 chs. dist.: To a point opposite a large crack in ledges; thence through crack.

S. 52°30' E., 1.10 chs. dist.

N. 65°30' E., 15.96 chs. dist.: To point on NE. side of rock mass.

N. 75°30' E., 5.40 chs. dist.

East, 3.27 chs. dist. to:

14.53 Point on true line, (distance counted from the true point

SURVEY OF THE WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains

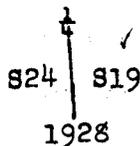
chains

for the cor. secs. 19, 24, 25, and 30); on line at this point, mark a cross (X), on the surface rock. Thence N. on true line; descend gradual N. slope.

31.16 Sandstone ledge, 50 ft. high, bears E. and W.

40.00 On gradual N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which:

A juniper, 3 ins. diam., bears N. 7° E., 30 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 53°15' W., 75 lks. dist., marked BT.

No larger bearing trees available.

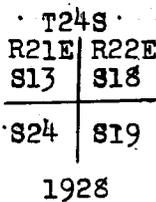
60.00 Draw, 80 ft. below the $\frac{1}{4}$ sec. cor., drains NE.

66.80 Small spur, projects E.

74.80 Small draw, drains NE.

80.00 On gradual SE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 18, 19, and 24, with brass cap marked.



From which:

A juniper, 3 ins. diam., bears N. 58°45' E., 121 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 67°30' E., 346 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. 73° W., 80 lks. dist., marked T24S R21E S13 BT.

SURVEY OF THE WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains

No other suitable bearing trees available.

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

Land, broken by ledges with a general northwesterly and northeasterly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.

Undergrowth, scattered sage and black brush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

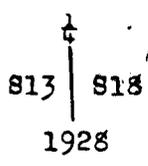
North, bet. secs. 13 and 18.

Ascend gradual SE. slope of broken land through scattered undergrowth and timber.

22.70 Spur, 140 ft. above cor., projects N. 75° E.

35.90 Small draw, drains E.

40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which:

A juniper, 3 ins. diam., bears N. 65°45' E., 76 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 68°45' W., 92 lks. dist., marked BT.

Thence ascend gradual SE. slope of surfacerock.

52.10 Ridge, bears E. and W., 90 ft. above cor.; thence descend gradual N. slope.

55.90 The S. rim of Salt Valley, bears E. and W.

57.80 Old sheep corral on line. Thence descend gradual N. slope over ledges.

SURVEY OF WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains arland
 73.00 Trail, bears NE. to Wolf Ranch and SW. to Moab, Utah.
 80.00 On gradual N. slope of Salt Valley, 250 ft. below ridge.
 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in
 the ground to bedrock and 24 ins. in a mound of stone,
 for the cor. secs. 7, 12, 13, and 18, with brass cap
 marked.

T24S	
R21E	R22E
S12	S7
S13	S18
1928	

From which:

A juniper, 3 ins. diam., bears N. 58° E., 15 lks.
 dist., marked BT.

A juniper, 3 ins. diam., bears S. 59°15' W., 60 lks.
 dist., marked BT.

A juniper, 3 ins. diam., bears N. 31°45' W., 250 lks.
 dist., marked BT.

No bearing tree to the SE. available.

Land, broken by ledges and surfacerock, with a general
 easterly and northerly exposure and drainage.

Soil, shallow loose sand and rock with sandstone out-
 crops; 3rd rate.

Undergrowth, scattered blackbrush and service-berry
 bushes.

Timber, scattered scrub juniper.

Fair grazing land.

North, bet. secs. 7 and 12.

Descend gradual N. slope of Salt Valley, through
 scattering timber and undergrowth.

4.20 Small draw, 75 ft. below cor., drains E. Thence over
 rolling bench land of Salt Valley.

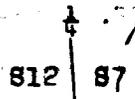
14.40 Small spur, projects E.

39.00 Gate in barbed wire fence, bears N. 74°46' E., 11.47 chs.
 40.00 On gradual N. slope, 110 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

46.10 Salt Valley Wash, drains SE. Road in wash, bears SE. to Wolf Ranch and NW. to Thompson, Utah.

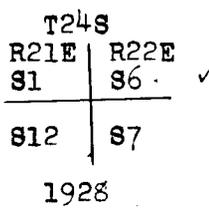
54.50 Rocky spur, 180 ft. above wash, projects E.

60.65 Trail, bears NE. and SW.

65.50 Draw, drains SW.

80.00 On gradual SE. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 6, 7, and 12, with brass cap marked.



From which:

- A pinon, 3 ins. diam., bears N. 43° E., 99 lks. dist., marked BT.

- A juniper, 3 ins. diam., bears S. 46° E., 94 lks. dist., marked BT.

- A scrubby juniper, bears S. 68° 15' W., 178 lks. dist., marked BT.

No suitable bearing tree in sec. 1 available.

Land, broken by sandstone ledges, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top.

Timber, scrub juniper and pinon.

Fair grazing land.

SURVEY OF THE WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains

511540

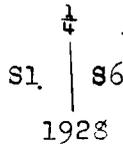
North, bet. secs. 1 and 6.

Ascend gradual SE. slope of broken bench land through scattered timber and undergrowth.

12.00 Edge of sandstone surfacerock, bears N. 70° W. and S. 70° E.

40.00 On sandstone surfacerock, 160 ft. above sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



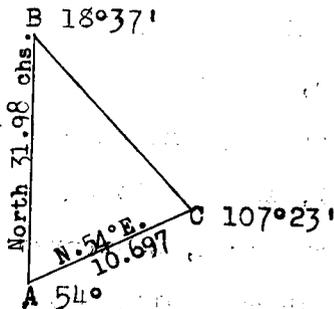
From which:

A pinon, 6 ins. diam., bears N. 75°15' E., 228 lks. dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 4 ins. diam., bears N. 70°30' W., 128 lks. dist., marked $\frac{1}{4}$ S1 BT.

59.80 Ridge, 50 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradual NW. slope.

65.00 Top of perpendicular rim of canyon, bears NE. and SW., over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at a point N., 15.95 chs. from the $\frac{1}{4}$ sec. cor., and flag "B" on line N. From flag "A", measure base line N. 54° E., 10.697 chs. dist. and erect flag "C". From "C", flags "A" and "B" subtend an angle of 107°23'. All angles checked by repetition and base line double chained.

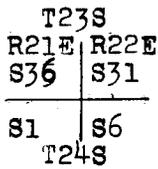


Distance on line	55.95 chs.
Distance by triangulation	31.98 chs.
	<u>87.93 chs.</u>
Distance by return measurement	7.93 chs.
	<u>80.00 chs.</u>

SURVEY OF THE WEST BOUNDARY OF T. 24 S., R. 22 E.

Chains

- 67.00 Approximate distance; bottom of canyon, drains S. 80° E.
- 70.00 Approximate distance; rim of canyon, bears NE. and SW.
- 80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in a mound of stone, for cor. Ts. 23 and 24 S., Rs. 21 and 22 E., with brass cap marked



1928

From which:

- A juniper, 3 ins. diam., bears S. 65°45' E., 284 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N. 60°15' W., 277 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken mesa and bench with a general southeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, scattered shadscale, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SURVEY OF THE NORTH BOUNDARY OF T. 24 S., R. 22 E.

From the cor. Ts. 23 and 24 S., Rs. 21 and 22 E., East, on random line along the N. bdy. of the township for alinement only, and intersect the cor. Ts. 23 and 24 S., Rs. 22 and 23 E., heretofore described.
Thence, from the cor. Ts. 23 and 24 S., Rs. 22 and 23 E. West, on true line along the N. bdy. of the township, bet. secs. 1 and 36.

Over rolling bench land through scattered undergrowth and timber.

40.00 On rolling land.

SURVEY OF THE NORTH BOUNDARY OF T24 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

00.73
00.07
00.08

836
—
81

1928

From which:

A juniper, 6 ins. diam., bears S. 72° W., 172 lks. dist., marked $\frac{1}{4}$ S1 BT.

No suitable bearing tree in sec. 36 available.

Deposit a sandstone, 3 x 3 x 3 ins., at base of post, marked with a cross (X).

55.00 Wash, drains NW.

69.80 Small wash, drains NW.; thence ascend gradually.

77.10 Ridge, 50 ft. above wash at 69.80 chs. point, bears NW. and SE.

80.00 On gradual SW. slope of ridge, 15 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 1, 2, 35, and 36, with brass cap marked

T23S | R22E
S35 | S36
—+—
S2 | S1
T24S

1928

From which:

A pinon, 6 ins. diam., bears N. 75° E., 52 lks. dist., marked T23S R22E S36 BT.

A pinon, 3 ins. diam., bears S. 8° E., 78 lks. dist., marked BT.

A pinon, 8 ins. diam., bears S. 56°30' W., 175 lks. dist., marked T24S R22E S2 BT.

A pinon, 6 ins. diam., bears N. 58°15' W., 65 lks. dist., marked T23S R22E S35 BT.

Land, rolling benches and tops of mesas with a general northwesterly exposure and drainage.

SURVEY OF THE NORTH BOUNDARY OF T. 24 S., R. 22 E.

Chains

Soil, shallow loose sand and rock, with sandstone out-crops; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

West, bet. secs. 2 and 35.

Over rolling bench land through scattered undergrowth.

14.00 Draw, 70 ft. below cor., drains NW.

31.60 Small wash, drains NW.

40.00 On gradual NW. slope, 130 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	S35
	S2

1928

From which:

A juniper, 6 ins. diam., bears N. 15° 15' E., 150 lks. dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 12 ins. diam., bears S. 12° E., 125 lks. dist., marked $\frac{1}{4}$ S2 BT.

80.00 On gradual NW. slope, 100 ft. below the $\frac{1}{4}$ sec. cor.; mark a cross (X) on the surfacerock, over which: Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 2, 3, 34, and 35, with brass cap marked.

T23S	R22E
S34	S35
S3	S2
T24S	

1928

From which:

A pinon, 10 ins. diam., bears N. 50° E., 165 lks. dist., marked T23S R22E S35 BT.

A pinon, 12 ins. diam., bears S. 16° E., 170 lks. dist., marked T24S R22E S2 BT.

SURVEY OF THE NORTH BOUNDARY OF T. 24 S., R. 22 E.

Chains

enrds0

A pinon, 8 ins. diam., bears S. $45^{\circ}45'$ W., 157 lks.
dist., marked T24S R22E S3 BT.

A juniper, 5 ins. diam., bears N. $48^{\circ}45'$ W., 103 lks.
dist., marked T23S R22E S34 BT.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock with sandstone outcrops;
3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain
rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

West, bet. secs. 3 and 34.

Over rolling and broken bench land through scattered
timber and undergrowth.

23.20 Small wash, drains NW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground to bedrock and 20 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{.834}{\frac{1}{4}} = 83$$

1928

From which:

A pinon, 10 ins. diam., bears S. $46^{\circ}15'$ W., 142 lks.
dist., marked $\frac{1}{4}$ S3 BT.

A pinon, 8 ins. diam., bears N. 60° W., 100 lks.
dist., marked $\frac{1}{4}$ S34 BT.

41.90 Small draw, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 3, 4, 33, and 34, with
brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 24 S., R. 22 E.

CHAIN

T23S	R24E
S33	S34

S4	S3
T24S	

1928

From which:

A juniper, 8 ins. diam., bears N. 60°30' E., 175 lks. dist., marked T23S R22E S34 BT.

A juniper, 6 ins. diam., bears S. 10°15' E., 91 lks. dist., marked T24S R22E S3 BT.

A juniper, 3 ins. diam., bears S. 50°15' W., 251 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 43° W., 210 lks. dist., marked BT.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock with sandstone outcrops; 3rd rate.

Undergrowth, scattered blackbrush, mountain rush, and yellow top.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

West, bet. secs. 4 and 33.

Over broken bench land through scattered undergrowth and timber.

3.80 Wash, drains NW.

34.30 Wash, drains SW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

S4

1928

From which:

SURVEY OF THE NORTH BOUNDARY OF T. 34 N., R. 32 E.

Chains

A juniper, 3 ins. diam., bears N. 15° E., 42 lks. dist., marked BT.
 A juniper, 12 ins. diam., bears S. 35° 30' W., 162 lks. dist., marked 84 BT.

54.50 Trail, bears NE. and SW.

80.00 In rolling ground.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 32, and 33, with brass cap marked.

T238	R22E
832	833
85	84
T248	
1928	

From which:

A juniper, 12 ins. diam., bears S. 80° 15' W., 551 lks. dist., marked T248 R22E 85 BT.

No other suitable bearing trees available.

Deposit broken glass at the base of post.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, scattered juniper and pinon.

Fair grazing land.

West, bet. secs. 5 and 32.

Over rolling bench land through scattered undergrowth and timber.

40.00 On rolling bench land, 45 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

832	
85	holding north
1928	

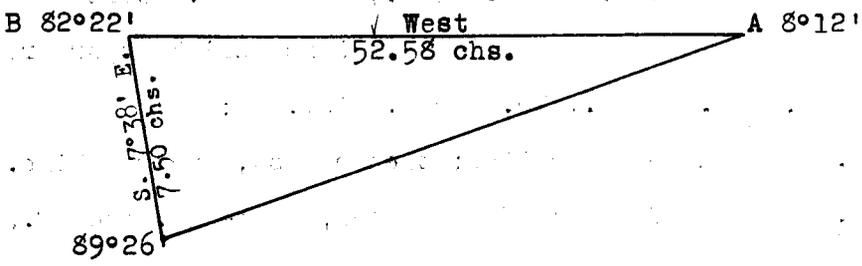
. T 24 S., R. 22 E.

Chains

From which
 A juniper, 6 ins. diam., bears S. 33° W., 152 lks.
 dist., marked $\frac{1}{4}$ 85 BT.
 A juniper, 3 ins. diam., bears N. 4°30' W., 207 lks.
 dist., marked BT.

50.00 Sandstone rim, 10 ft. high, bears NE. and SW.; thence along broken S. slope of bench land.

61.95 Top of the left rim of Salt Wash, 300 ft. high, bears NE. and SW. As the line to the W. of this point passes over the inaccessible breaks of Salt Wash, over which chaining is impracticable, I determine the distance by triangulation as follows. Erect flag A at this point, and flag B on line to the W. From flag B, measure base line, S. 7°38' E., 7.50 chs. dist., from which point flags A and B subtend an angle of 89°26'. All angles checked by repetition and base line double chained.



Distance on line	61.95 chs.
Distance by triangulation	<u>52.58</u> "
	114.53 "
Distance by return measurement as shown by traverse on line bet. secs. 6 and 31	<u>34.53</u> "
	80.00 "

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 5, 6, 31, and 32, with brass cap marked.

T238	R22E
S31	S32
S6	S5
T248	

1928

Deposit a sandstone 10 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

SURVEY OF THE NORTH BRANCH OF THE ...

Chains

Land, rolling and broken, with a general southerly exposure and drainage. ...
 Soil, shallow loose sand and rock with sandstone outcrops; 3rd rate. ...
 Undergrowth, scattered shadscale, mountain rush, and blackbrush. ...
 Timber, scattered scrub juniper and pinon. ...
 Fair grazing land. ...

West, bet. secs. 6 and 31.

Over broken land through scattered undergrowth and timber. The line to the W. of this cor., passes over the top of an inaccessible spur, over which I am unable to chain, I therefore offset and traverse as follows.

- South, 2.50 chs. dist.
- West, 6.30 chs. dist., to the SW. point of high inaccessible spur from the NE.
- N. 76° W., 10.40 chs. dist. to:

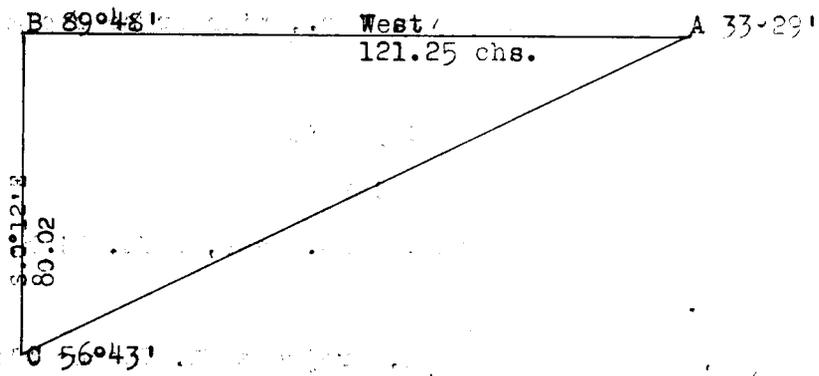
- 16.40 Point on true line; thence West, on true line.
- 30.00 The left bank of Salt Wash, bears NW. and SE., wash drains SE.
- 33.85 Top of right bank of Salt Wash, which is perpendicular clay wall, 25 ft. high, bears NW. and SE.
- 34.53 To point B of triangulation as shown on line bet. secs. 5 and 32.
- 40.00 At base of broken high ledges, bears N. and S.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 831 \\ \frac{1}{4} \\ \hline 86 \\ 1928 \end{array}$$

From which: ...
 A juniper, 3 ins. diam., bears S. 38° W., 76 lks. dist., marked BT.

SURVEY OF THE NORTH BOUNDARY OF T. 24 S., R. 22E.

... 2 Anjunber, 6 ins. diam., bears N. 76° W., 196 lks.
 ... dist., marked 431 BT.
 ... The line to the W. of this point, passes over a series
 ... of high broken ledges which have a southeasterly
 exposure and over which chaining is impracticable, I
 therefore determine the distance to the cor. Ts. 23
 and 24 S., Rs. 21 and 22 E. as follows. It being
 impossible to project my line W. from this point, I
 return E. to a point 62.50 chs. W. of the cor. secs.
 4, 5, 32, and 33, and designate this point "A", and
 erect flag "B" at the cor. of Ts. 23 and 24 S., Rs.
 21 and 22 E. From "B", measure base line "BC",
 S. 0°12' E., 80.02 chs. dist. From "A", "BC" subtends
 an angle of 33°29'. All angles checked by repetition
 and base line double chained.



Distance by triangulation 121.25 chs.
 Distance from "A" to cor. secs. 5, 6,
 31 and 32. 17.50 chs.
 103.75 chs.

To point "B" of triangulation at the cor. Ts. 23 and 24
 S., Rs. 21 and 22 E., heretofore described.

Land, broken by ledges with a general southeasterly and
 southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage,
 and black brush.

Timber, scattered scrub juniper.

Fair grazing land.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township, which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described in the official notes of the survey T. 25 S., R. 22 E. Group No. 15, Utah.

N. 0°01' W., bet. secs. 35 and 36.

Over broken breaks of Castle Creek, through scattered undergrowth.

- 2.50 Castle Creek, stream 20 lks. wide, 12 ins. deep, flows NW. Thence ascend gradually along broken NW. slope.
- 8.20 Spur, 65 ft. above creek, projects W.
- 18.00 Draw, 30 ft. below spur, drains W.
- 36.90 Spur, 80 ft. above draw, projects W.
- 38.00 Draw, 30 ft. below spur, drains W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S35 | S36

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 41.50 Spur, 40 ft. above draw, projects NW. Thence along W. slope.
- 49.20 Slope changed from the W. to the NW. Thence descend gradually over broken ledges.
- 73.30 Road, bears E. to Cisco, Utah, and W. to Moab, Utah.
- 74.46 As the true point for the meander cor. secs. 35 and 36, falls on vertical cut bank, where it is impossible to set a permanent cor., therefore at this point:
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the meander cor. secs. 35 and 36, with brass cap marked

WMC

S35 | S36
 T24S | R22E

1928

SUBDIVISION OF T. 24 S., R. 22 E.

Deposit, a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

74.55 Mean high water mark of the left bank of the Colorado River, and true point for the meander cor. of secs. 35 and 36. Cor. point falls on vertical out bank and no cor. set.

80.00 Point for the cor. secs. 25, 26, 35, and 36, falls in the Colorado River.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, and blackbrush.

No timber.

Fair grazing land.

As the true point for the cor. secs. 25, 26, 35, and 36, falls in the Colorado River, I commence at the cor. secs. 25, 30, 31, and 36, on the E. bdy. of the township, which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described in the official notes of the survey T. 24 S., R. 23 E., Group 31, Utah.

Thence:

West, on true line bet. secs. 25 and 36.

Over broken bench land through scattered undergrowth.

30.00 The NW. point of rocky ledge, 100 ft. above sec. cor.; thence along broken N. slope over ledges.

34.60 Small box canyon, drains N.

36.40 Small spur, projects N.

39.70 Small draw, drains N.

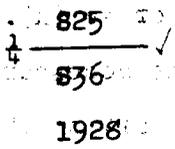
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone,

. SUBDIVISION OF T. 24 S., R. 22 E.

BRISNO

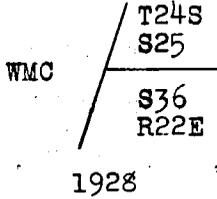
Chains

for $\frac{1}{4}$ sec. cor., with brass cap marked,



Deposit a sandstone, 4 x 3 x 3 ins., at base of post, marked with a cross (X).

- 43.00 Small spur, projects N.
- 47.20 Small box canyon, drains N. 50.00
- 53.40 Small spur, projects NW.
- 54.50 Rim of the Colorado River, bears NE. and SW.; rim 40 ft. high.
- 55.20 Road, bears SE. to Cisco, Utah, and NW. to Moab, Utah.
- 55.30 As the true point for the meander cor. secs. 25 and 36, falls on vertical cut bank, therefore at this point: Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the meander cor. secs. 25 and 36, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

- 55.50 True point for the meander cor. secs. 25 and 36, falls on vertical cut bank, at the mean high water mark of the left bank of the Colorado River, bears NE. and SW. No cor. set.
- Land, broken and rolling with a general westerly exposure and drainage.
- Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.
- Undergrowth, scattered shadscale and mountain rush.
- No timber.
- Fair grazing land.

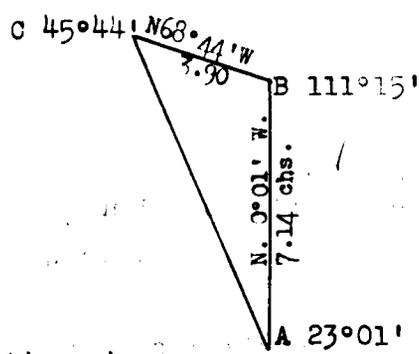
1928

Chain

As the true point for the cor. secs. 25, 26, 35, and 36, falls in the Colorado River, I commence at the true point for the meander cor. secs. 35 and 36, on the left bank of river, and which is S. 0°01' E., 5.45 chs. dist. from point for sec. cor. said secs.

Thence:
 N. 0°01' W., bet. secs. 25 and 26, counting distances from true point for sec. cor.

The line to the N. of the true point for the meander cor. crosses the Colorado, which at this point is a stream of muddy water, about 7.00 chs. wide, and 4 feet deep, flowing in a westerly direction. To cross river, I triangulate as follows. Erect flag A at the true point for meander cor. on left bank of river, and flag B at the mean high water mark of right bank of river. From flag B, measure base line N. 68°44' W., 3.90 chs. dist. and erect flag C. From flag C, flags A and B subtend an angle of 45°44'. All angles checked by repetition and base line double chained.



Distance by triangulation	7.14 chs.
Distance to pt. for sec. cor. from A	5.45 chs.
	<u>1.69 chs.</u>

1.69 To point B of triangulation at the mean high water mark of the right bank of the Colorado River.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 25 and 26, with brass cap marked.

Chains

826 | 825
 826 | 825

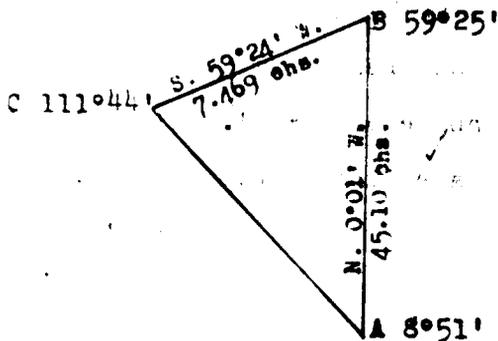
NO

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. fence across bottom lands of river, through dense willow sagebrush, and squaw-berry brush undergrowth.

3.35 Left flag for triangulation point.

31.07 Base of abrupt ascent over inaccessible sandstone ledges which form the N. breaks of the Colorado River, over which I am unable to chain, I therefore triangulate as follows. Erect flag A at the 3.35 chs. point, and flag B on line to the N. From B, measure base line, S. 59° 24' W., 7.469 chs. dist. and erect flag C. From C, flags A and B subtend an angle of 111° 44'. All angles checked by repetition and the base line double chained.



Distance on line
 Distance by triangulation
 Distance by return measurement

3.35 chs.
 45.10 chs.
 48.45 chs.
 37 chs.
 48.08 chs.

40.00 True point for the 1/4 sec. cor., falls in inaccessible N. breaks of the Colorado River. No cor. set.

40:05 At top of sandstone breaks, 400 ft. high, bears NE. and SW.; mark a cross (X), on the surface rock, over which. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor. secs. 25 and 26, with brass cap marked.

826 | 825
 NO
 1928

Chains

80.00 ~~On broken mesa land.~~ ~~On broken mesa land.~~ ~~On broken mesa land.~~
 Thence by chaining over broken mesa land.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for cor. secs. 23, 24, 25, and 26, with brass cap marked.

T24S	R22E
S23	S24
S26	S25
1928	

From which:

- A juniper, 5 ins. diam., bears N. 25°30' E., 55 lks. dist., marked T24S R22E S24 BT.
- A pinon, 10 ins. diam., bears S. 17°30' E., 56 lks. dist., marked T24S R22E S25 BT.
- A pinon, 9 ins. diam., bears S. 32°30' W., 236 lks. dist., marked T24S R22E S26 BT.
- A juniper, 6 ins. diam., bears N. 19°30' W., 117 lks. dist., marked T24S R22E S23 BT.

Land, broken by sandstone ledges with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush; dense willows, sagebrush, and squaw brush along bottom lands of the Colorado River.

Timber, a few scattered scrub juniper and pinon on N. portion of mile.

Fair grazing land.

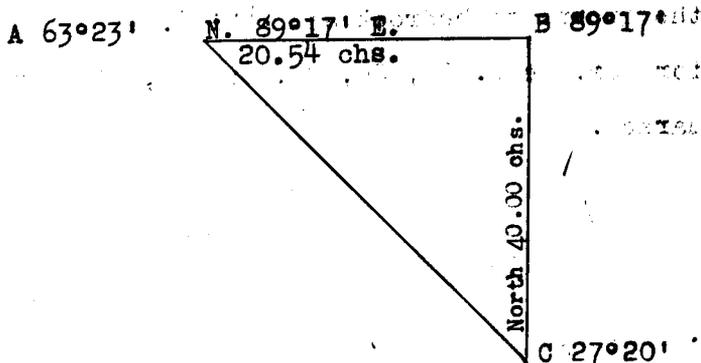
East, on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

59.12 Top of high sandstone breaks over which I am unable to chain, I therefore triangulate as follows. Erect flag A at this point, flag B at the cor. of secs. 19, 24, 25, and 30, and flag C at the $\frac{1}{4}$ sec. cor. secs. 25 and 30.

Chains

From A, flag B bears N. 89°17' E. From C, flags A and B, subtend an angle of 27°20'. Vertical angle A to B is a minus 36°30'. All angles checked by repetition.



Distance on line	59.12' chs.
Distance by triangulation	20.54' chs.
	79.66 chs.

79.66 To point B of triangulation at the cor. secs. 19, 24, 25, and 30, heretofore mentioned.

The course of this mile therefore is S. 89°49' W.

Thence:

S. 89°49' W., on true line, bet. secs. 24 and 25.

By triangulation over inaccessible sandstone ledges facing SE., through scattered undergrowth and timber.

20.54 Top of sandstone breaks, 1015 ft. above cor., bears NE. and SW.; thence by chaining over broken mesa land.

39.83 On broken S. slope of surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S24}{S25}$
 1928

From which:

A pinon, 5 ins. diam., bears S. 51°30' W., 37 lks. dist., marked $\frac{1}{4}$ S24 BT.

A scrub juniper, 2 ins. diam., bears S. 52° W., 26 lks. dist., marked BT15 BT.

79.66 The cor. secs. 23, 24, 25, and 26.

Chains

248	R22E
S14	S13
S23	S24

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No suitable bearing trees available.

Land, broken with a general southerly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, and sagebrush.

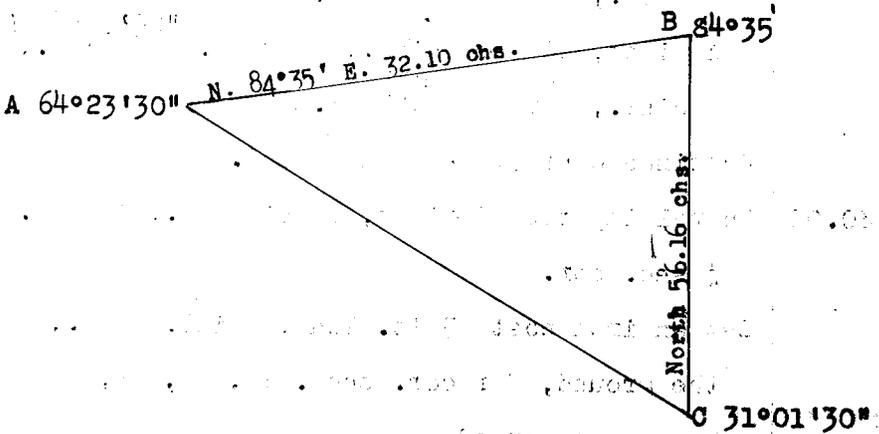
Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°49' E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

47.78 The breaks of a box canyon make chaining to the E. of this cor. impracticable, I therefore triangulate as follows. Erect flag A at this point, flag B at a point North, 3.07 chs. dist. from the cor. secs. 13, 18, 19, and 24, and flag C at a point South 53.09 chs. dist. from said sec. cor. From A, B bears N. 84°35' E., and C bears S. 31°01'30" E. All angles checked by repetition.



Distance on line	47.78 chs.
Distance by triangulation (easting)	31.96 chs.
	<u>79.74 chs.</u>

79.74 On true random line, intersect the E. bdy, of the township 14 lks. N. of the cor. secs. 13, 18, 19, and 24, here-

Chains

to face described the township, and one corner of it.

The bearing of this line therefore is S. 89°55' W.

Thence:

S. 89°55' W., on true line bet. secs. 13 and 24.

The line to the W. of the corr. secs. 13, 18, 19 and 24,

passes over the inaccessible breaks of a box canyon,

through scattered undergrowth and timber, and it is

impossible to project my line W. from this cor., I

therefore commence at a point N., 3.07 chs. dist.

from cor. and proceed by triangulation as heretofore

shown., giving distances on true line.

16.00 Approximate distance: Bottom of canyon, 300 ft. deep,
drains SE.; ascend abrupt NE. breaks of canyon.

31.96 Top of spur, 300 ft. above bottom of canyon, projects
SE.; thence over broken mesa land, by chaining.

39.40 Small wash, drains SE.

39.87 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in
the ground to bedrock and 14 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S13 /
S24
1928

From which:

A juniper, 12 ins. diam., bears S. 60° E., 60 lks.
dist., marked $\frac{1}{4}$ S24 BT.

A juniper, 6 ins. diam., bears N. 35° W. 86 lks.
dist., marked $\frac{1}{4}$ S13 BT.

Continue over broken mesa land.

79.74 The cor. secs. 13, 14, 23, and 24.

Land, broken by sandstone ledges with a general south-
easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and
mountain rush.

Chains

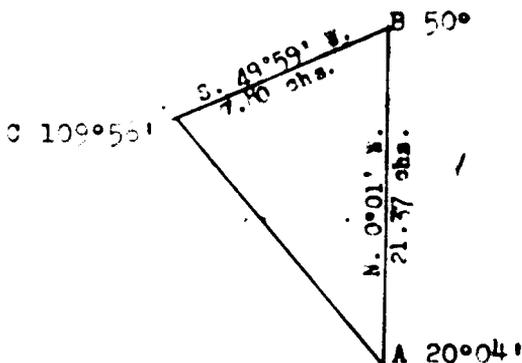
Timber, scattered scrub juniper and pinon
 Fair grazing land.

N. 0°01' W., bet. secs. 13 and 14.

Ascend gradual S. slope over rolling and broken bench
 land through scattered undergrowth and timber.

16.60 Rolling top of ridge, 50 ft. above cor., bears E. and
 W.; descend gradual N. slope.

20.48 The breaks of a box canyon to the N. of this point, make
 chaining impracticable, I therefore triangulate as
 follows. Erect flag A at this point and flag B on line
 to the N. From flag B, measure base line, S. 49°59' W.,
 7.80 chs. dist. and erect flag C. From flag C, flags
 A and B subtend an angle of 109°55'. All angles checked
 by repetition. All base line double chained.



Distance on line	20.48 chs.
Distance by triangulation	21.37 chs.
	41.85 chs.
Distance by return measurement	1.85 chs.
	40.00 chs.

30.50 Approximate distance: Bottom of canyon, 150 ft. deep,
 drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14 | S13
 1928

From which:

A pinon, 14 ins. diam., bears N. 60° E., 103 lks.
 dist., marked $\frac{1}{4}$ S13 BT.

Chains

A juniper, 10 ins. diam., bears S. 56°15' W., 156 lks. dist., marked $\frac{1}{4}$ S14 BT.

41.85 To Point B of triangulation, on top of spur, projects N. 30° W.; thence by chaining; descend NE. slope.

80.00 On S. bank of wash draining NW, 360 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13, and 14, with brass cap marked.

T24S	R22E
S11	S12
S14	S13
1928	

From which:

A juniper, 8 ins. diam., bears S. 57°15' E., 202 lks. dist., marked T24S R22E S13 BT.

A juniper, 5 ins. diam., bears S. 29°30' W., 108 lks. dist., marked T24S R22E S14 BT.

No other suitable bearing trees available.

Land, broken, with a general southerly and northerly exposure and drainage.

Soil, shallow loose sand and rock with sandstone outcrops; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

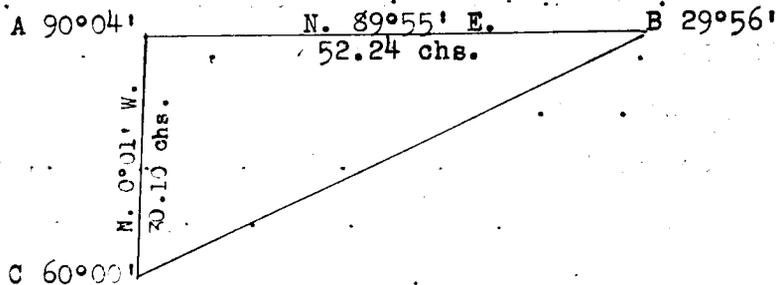
N. 89°55' E. on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

High sandstone ledges to the E., make chaining impracticable from this point, I therefore triangulate as follows. Erect flag B on line to the E. and flag

SUBDIVISION OF T. 24 S., R. 22 E.

A at the cor. secs. 11, 12, 13, and 14. Erect flag C at a point S. 0°01' E., 30.10 chs. dist. from the cor. said secs. and from which point, flags A and B, subtend an angle of 60°. All angles checked by repetition.



Distance by triangulation 52.24 chs.

- 52.24 To point B of triangulation; thence by chaining.
- 79.74 Intersect the E. bdy. of the township, 21 lks. N. of the cor. secs. 7, 12, 13, and 18, heretofore described.
Thence;
N. 89°56' W., on true line bet. secs. 12 and 13.
Over broken mesa land through scattered undergrowth and timber.
- 17.00 Low ridge, bears NW. and SE.
- 27.50 Top rim of sandstone ledges facing SW., 300 ft. high, bears NW. and SE. Thence by triangulation.
- 39.74 Thence by chaining.
- 39.87 On W. slope at head of small draw, drains SW.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S12}{S13}$$

1928

Deposit a sandstone 7 x 5 x 2 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

- 79.50 Wash, drains NW.
- 79.74 The cor. secs. 11, 12, 13, and 14, 150 ft. below the $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

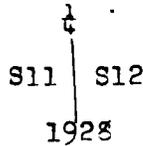
N. 0°01' W., bet. secs. 11 and 12.

Over broken sandstone ledges through scattered timber and undergrowth.

0.30 Wash, 60 lks. wide, drains NW.; thence ascend abrupt S. slope of broken land.

32.00 Base of abrupt ascent over sandstone ledges, bears NW. and SE.

40.00 On broken mesa land, 580 ft. above sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which:

A juniper, 5 ins. diam., bears S. 31°30' E., 138 lks. dist., marked $\frac{1}{4}$ S12 BT.

A juniper, 6 ins. diam., bears N. 62°15' W., 36 lks. dist., marked $\frac{1}{4}$ S11 BT.

48.00 Top of sandstone ledges, 100 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE. Thence ascend gradual SW. slope.

55.00 Rolling top of main ridge, 100 ft. above top of ledges, bears NW. and SE.

60.00 On gradual N. slope, 200 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 11, and 12, with brass cap marked.

SUBDIVISION OF T. 24 S., R. 22 E.

111110

Chains

T24S	R22E
S2	S1

S11	S12
-----	-----

1928

From which:

A pinon, 6 ins. diam., bears N. 57°30' E., 57 lks. dist., marked T24S R22E S1 BT.

A pinon, 3 ins. diam., bears S. 67°45' E., 35 lks. dist., marked BT.

A pinon, 7 ins. diam., bears S. 8°15' W., 25 lks. dist., marked T24S R22E S11 BT.

A pinon, 8 ins. diam., bears N. 83°30' W., 38 lks. dist., marked T24S R22E S2 BT.

Land, broken by sandstone ledges with a general south westerly and northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°56' E., on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 Intersect the E. bdy. of the township, 12 lks. S. of the cor. secs. 1, 6, 7, and 12, heretofore described.

Thence:

S. 89°59' W., on true line bet. secs. 1 and 12.

Ascend gradually over broken NE. slope through dense timber and scattered undergrowth.

12.00 Ridge, bears NW. and SE., 150 ft. above cor.; descend gradual SW. slope.

39.87 On a gradual N. slope, 60 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

12 33
1888
S1
S12
1928

From which:

A pinon, 8 ins. diam., bears N. 3° E., 88 lks. dist., marked † S1 BT.

A pinon, 8 ins. diam., bears S. 8° W., 96 lks. dist., marked † S12 BT.

64.20 Sandstone draw in cove, 2.00 chs. wide, 20 ft. deep, drains NW.; ascend gradual NE. slope.

79.74 The cor. secs. 1, 2, 11, and 12, 50 ft. above draw. Land, broken by sandstone outcrops, with a general northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattered shadscale, blackbrush and mountain rush. Timber, dense scrub juniper and pinon. Fair grazing land.

N. 0°01' W., on random line bet. secs. 1 and 2.

40.00 Set temp. † sec. cor.

80.12 Intersect the N. bdy. of the township, 30 lks. E. of the cor. secs. 1, 2, 35, and 36, heretofore described.

Thence:

S. 0°14' E., on true line bet. secs. 1 and 2.

Over broken land through scattered undergrowth and dense timber.

18.00 Low spur, projects W.; descend gradual S. slope.

31.50 Right rim of wash, bears E. and W.

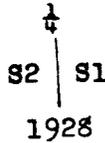
39.10 Bottom of wash, 300 ft. below sec. cor., drains W.

39.20 Left bank of wash, bears E. and W.

40.12 On sandstone surface rock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for † sec. cor., with brass cap marked.

Chains

marked



From which:

A juniper, 6 ins. diam., bears N. 56° E., 76 lks. dist., marked $\frac{1}{4}$ S1.BT.

A pinon, 6 ins. diam., bears N. 69° W., 194 lks. dist., marked $\frac{1}{4}$ S2 BT.

Thence ascend gradual N. slope.

30.12 The cor. secs. 1, 2, 11, and 12, 200 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken by sandstone outcroppings with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, dense scrub juniper and pinon.

Fair grazing land.

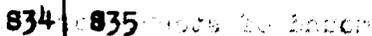
From the cor. secs. 2, 3, 34, and 35, on the S. bdy. of the township, which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described in the official field notes of the survey T. 25 S., R. 22 E., under Group No. 15, Utah, N. 0°01' W., bet. secs. 34 and 35.

Over broken bench land through scattered timber and undergrowth.

23.50 Small draw, drains NW.; thence over surfacerock.

38.50 Small spur, projects NW.

40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



SUBDIVISION OF T. 24 S., R. 22 E.

Chains

From which:

A pinon, 3 ins. diam., bears N. 40°45' E., 23 lks. dist., marked BT.

A pinon, 4 ins. diam., bears N. 57°30' W., 65 lks. dist., marked $\frac{1}{4}$ S34 BT.

Thence descend gradually along W. slope.

75.27. Left flag for triangulation point.

75.32 Top of the left rim of the Colorado River, 270 ft. below the $\frac{1}{4}$ sec. cor., bears NW. and SE. As the true point for the cor. secs. 26, 27, 34, and 35, will fall in ledges where it is impossible to set cor., therefore at this point, mark a cross (X) on the surfacerock over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 26, 27, 34, and 35, with brass cap marked.

WC	
T24S	R22E
S27	S26
S34	S35

1928

No other accessories available.

80.00 True point for the cor. secs. 26, 27, 34, and 35, falls in broken S. breaks of the Colorado River. No cor. set.

Land, rolling and broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

East, on true line bet. secs. 26 and 35, as the point for cor. of secs. 25, 26, 35, and 36, falls in Colorado River. The line to the E. of the true point for the cor. secs.

26, 27, 34, and 35, follows along the broken S. breaks

SUBDIVISION OF T. 24 S., R. 22 E.

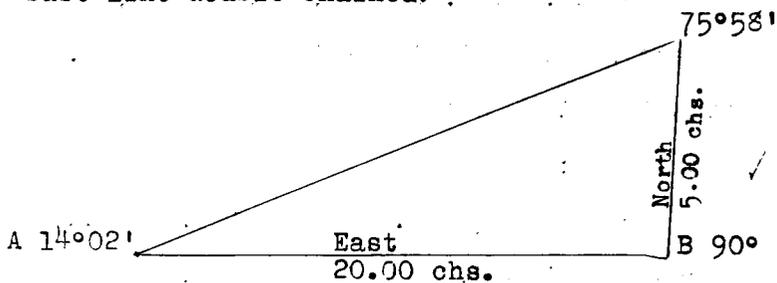
BRIMBO

Chains

of the Colorado River, which make chaining impracticable. I therefore commence at the witness cor. to the cor. said secs., which is S. $0^{\circ}01'$ E., 4.68 chs. dist. from the true cor. point, thence:

East on offset line by triangulation, as follows.

Erect flag A at the witness cor., and flag B, on offset line E. From flag B, measure base line North, 5.00 chs. dist., from which point, flags A and B subtend an angle of $75^{\circ}58'$. All angles checked by repetition and base line double chained.



Distance by triangulation 20.00 chs. Thence, N. $0^{\circ}01'$ W., 4.68 chs. dist. to:

- 20.00 Point on true line, on top of spur, 480 ft. below the witness cor., projects N. Thence E. on true line; descend abrupt NE. slope, through scattered undergrowth.
- 40.00 At base of abrupt descent, 500 ft. below spur, bears NW. and SE., mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{\textcircled{1}} \text{ S26} \\ \hline \text{\textcircled{1}} \text{ S35} \\ \hline 1928 \end{array}$$

No other suitable accessories available.

Thence over bottom lands of the Colorado River.

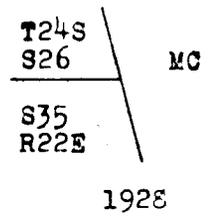
- 40.70 Road, bears NW. to Moab and SE. to Cisco, Utah.
- 40.80 Woven wire fence, 4 ft. high, bears NW. and SE.
- 47.90 Enter cultivated land, bears NW. and SE.
- 61.80 Castle Valley Wash, 30 lks. wide, 20 ft. deep, drains N. Stream clear water, 10 lks. wide, 6 ins. deep, in bottom of wash.

CHAINS

67.25 The NE. cor. of a shed, bears S. 27°21' W., 17.89 chs. dist., and the NW. cor. of Wilcox's house, bears S. 42°12' W., 11.96 chs. dist.

69.50 Leave cultivated land, bears N. and S. Thence through dense willow brush.

70.14 The mean high water mark of the left bank of the Colorado River, bears northwesterly and southeasterly. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 26 and 35, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. The true point for the cor. secs. 25, 26, 35, and 36, falls in the Colorado River.

Land, broken by sandstone ledges, with a general north-easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and shadscale. Dense willow brush on bank of the Colorado River.

No timber.

Fair grazing land.

From the witness cor. of secs. 26, 27, 34, and 35. N. 0°01' W., bet. secs. 26 and 27.

The line to the N. of the true point for the cor. secs. 26, 27, 34, and 35, which is N. 0°01' W., 4.63 chs. dist. from the witness cor. to the cor. said secs., passes over the high inaccessible S. breaks of the Colorado River, I therefore determine the distance to the N. as follows.

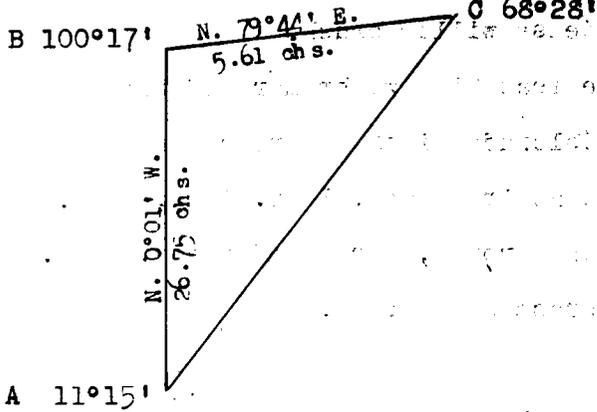
Erect flag A at the witness cor. to the cor. secs. 26, 27, 34, and 35, and flag B on line to the N. From flag B,

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

BRIND

measure a base line N. 79°44' E., 57.61 chs. dist. and erect flag C. From flag C, flags A and B subtend an angle of 68°28'. All angles checked by repetition and base line double chained.



Distance by triangulation	26.75 chs.
Distance to true point for sec. cor.	4.68 chs.
	<u>22.07 chs.</u>
Distance by return measurement	0.24 chs.
	<u>21.83 chs.</u>

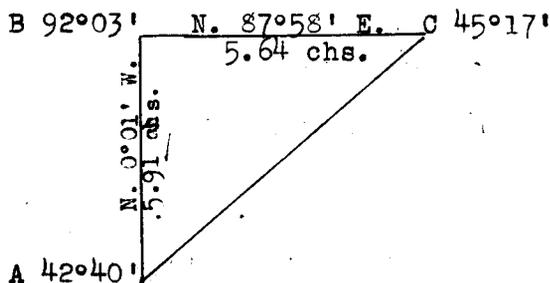
- 21.83 Road, bears E. to Cisco, and W. to Meab.
- 22.07 To point B of triangulation. Thence by chaining.
- 22.47 As the true point for the meander cor. secs. 26 and 27 on the left bank of the Colorado River, falls on cut bank where it is impossible to set a permanent cor., therefore at this point:
Set an iron post, 3 ft. long, 1¹/₂ in. diam., 27 ins. in the ground, for witness cor. to the meander cor. secs. 26 and 27, with brass cap marked.

WMC	
S27	S26
T24S	R22E

1928

- From which:
- An oak, 6 ins. diam., bears S. 78° E., 63 lks. dist., marked T24S R22E S26 WMC BT.
- An oak, 4 ins. diam., bears N. 78°30' W., 54 lks. dist., marked T24S R22E S27 WMC BT.
- 22.80 The true point for the meander cor. secs. 26 and 27, falls on cut bank, 1130 ft. below the witness cor. to

the cor. secs. 26, 27, 34, and 35, bears E. and W. Thence across the Colorado River by triangulation, which at this point is a stream of muddy water, about 5 chains wide and 4 ft. deep, and flows in a westerly direction. Erect flag A at the true point for the meander cor. on left bank of river and flag B on line to the N. on right bank of river. From flag B, measure base line N. 87°58' E., 5.64 chs. dist. and erect flag C. From flag C, flags A and B, subtend an angle of 45°17'. All angles checked by repetition and base line double chained.



Distance on line	22.80 chs.
Distance by triangulation	5.91 chs.
	<u>28.71 chs.</u>

28.71 To point B of triangulation at the mean high water mark of the right bank of the Colorado River, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 26 and 27, with brass cap marked.

T24S	R22E
S27	S26
MC	

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

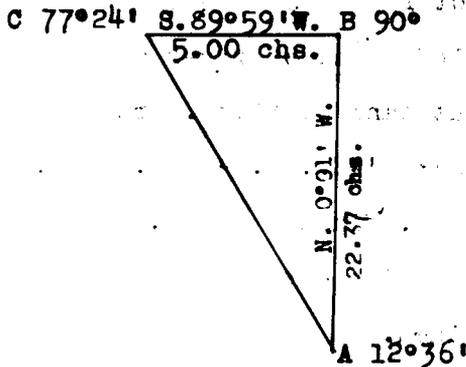
The line to the N. of this cor., passes over the inaccessible N. breaks of the Colorado River, I therefore determine the distance by triangulation as follows.

Erect flag A at the 22.47 chs. point and flag B on line to the N. From flag B, measure base line

SUBDIVISION OF T. 24 S. R. 22 E.

Chains

S. $89^{\circ}59'$ W., 5.00 chs. dist. and erect flag C. From flag C, flags A. and B subtend an angle of $77^{\circ}24'$. All angles checked by repetition and base line double chained.



Distance on line	22.47 chs.
Distance by triangulation	<u>22.37 chs.</u>
	44.84 chs.
Distance by return measurement	<u>1.79 chs.</u>
	43.05 chs.

- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges where it is impossible to set a cor.
 - 43.05 On small shelf in ledges which form the N. breaks of the Colorado River; mark a cross (X) on the surface-rock, over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 26 and 27, with brass cap marked.
- $\frac{1}{4}$

S27 | S26

W C

1928
- No other suitable accessories available. Thence by chaining.
 - 44.00 Top of the N. breaks of the Colorado River, 415 ft. above bottom, bears E. and W. Thence over rolling bench land.
 - 44.34 To point B of triangulation.
 - 50.00 On rolling bench land.
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 22, 23, 26, and 27, with brass cap marked.

Chains

T24S	R22E
S22	S23
S27	S26

1928

From which:

A juniper, 3 ins. diam., bears N. 28°30' E., 100 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 65°30' W., 6 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken breaks of the Colorado River, with a general northerly and southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 23, 24, 25, and 26.

Thence:

N. 89°58' W., on true line bet. secs. 23 and 26.

Ascend gradual SE. slope over rolling bench land through scattered undergrowth and timber.

2.90 Spur, 15 ft. above cor., projects SW.; descend gradually.

23.00 Small wash, drains SW.

39.90 Draw, 340 ft. below spur, drains SW.

40.03 On surfacerock, 40 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	S23
	S26

1928

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

20120

From which:

A juniper, 6 ins. diam., bears S. $32^{\circ}45'$ E., 27 lks.
dist., marked $\frac{1}{4}$ S26 BT.

A juniper, 6 ins. diam., bears N. 38° W., 78 lks.
dist., marked $\frac{1}{4}$ S23 BT.

44.40 Top of rocky spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend gradually.

62.80 Small wash, drains SW.

69.80 Low ridge, bears NE. and SW.

79.90 Small draw, drains SW.

80.06 The cor. secs. 22, 23, 26, and 27, 220 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, blackbrush and cactus.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 22 and 23.

Ascend gradual S. slope of rolling land through scattered timber and undergrowth.

16.20 Top of rocky ridge, 140 ft. above cor., bears NE. and SW.; descend gradual N. slope.

32.30 Bottom of canyon, 180 ft. below ridge, drains SW.

40.00 On rocky spur, 30 ft. above canyon, projects W., mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S22 | S23
 1928

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

From which:

A pinon, 10 ins. diam., bears N. 80° E., 62 lks. dist., marked $\frac{1}{4}$ S23 BT.

No other suitable bearing trees available.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 14, 15, 22, and 23, with brass cap marked

T24S	R22E
S15	S14
S22	S23
1928	

From which:

A pinon, 10 ins. diam., bears S. 70°45' W., 200 lks. dist., marked T24S R22E S22 BT.

A juniper, 5 ins. diam., bears N. 61°30' W., 94 lks. dist., marked T24S R22E S15 BT.

No other suitable bearing trees available.

Land, rolling with sandstone outcroppings; with a general southwesterly exposure and drainage.

Soil, shallow loosesand and rock; 3rd rate;

Undergrowth, scattered shadscale, mountain rush, and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°58' E., on random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 19 lks. N. of the cor. secs. 13, 14, 23, and 24.

Thence:

N. 89°50' W., on true line bet. secs. 14 and 23.

Descend gradual SW. slope of rolling land through scattered undergrowth and timber.

40.00 On gradual SW. slope, 50 ft. below sec. cor.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S14}{S23}$ ✓
 1928

From which:

A scrub juniper, 8 ins. diam., bears N. 74° E., 83 lks. dist., marked BT.

A scrub juniper, 6 ins. diam., bears S. 22° W., 87 lks. dist., marked BT.

43.00 Small wash, drains NW.

20.00 The cor. secs. 14, 15, 22, and 23, 40 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling with a general northwesterly and southwesterly exposure and drainage.

Soil, shallow loose sand and sandstone outcrops; 3rd rate.

Undergrowth, scattered shadscale, mountain rush and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Ascend gradually over broken SE. slope through scattered undergrowth and timber.

4.50 Small draw, drains SW.

40.00 On gradual SE. slope, 230 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$. /
 S15 | S14
 1928

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

From which:

A pinon, 7 ins. diam., bears S. 67°15' E., 251 lks.
dist., marked † S14 BT.

A pinon, 6 ins. diam., bears S. 59°30' W., 254 lks.
dist., marked † S15 BT.

Continue gradual ascent over SE. slope.

51.30 Ridge, 130 ft. above the † sec. cor., bears NW. and SE.

54.70 Top of the NE. breaks of mesa, bears NW. and SE.; thence descend abruptly over broken sandstone ledges.

77.60 Base of abrupt descent, bears E. and W.; thence descend gradual NW. slope of Cash Valley.

80.00 On surfacerock, 760 ft. below ridge, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 10, 11, 14, and 15, with brass cap marked.

T24S	R22E
S10	S11
S15	S14
1928	

From which:

A juniper, 3 ins. diam., bears N. 40°30' E., 51 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 66°45' W., 94 lks.
dist., marked BT.

A pinon, 5 ins. diam., bears N. 31°15' W., 164 lks.
dist., marked T24S R22E S10 BT.

No bearing tree to the SE. available.

Land, rolling and broken, with a general southeasterly and northwesterly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

entire

S. $89^{\circ}50'$ E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 9 lks. S. of the cor.
secs. 11, 12, 13, and 14.

Thence:

N. $89^{\circ}54'$ W., on true line bet. secs. 11 and 14.

Over broken land through scattered undergrowth and
timber.

19.90 Small spur, projects N.

40.00 In sandstone wash, 60 lks. wide, 25 ft. deep, drains
SW.; mark a cross (X) on the surface rock, over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S11
 $\frac{1}{4}$ -----
S14
1928

From which:

A pinon, 10 ins. diam., bears S. 72° W., 75 lks.
dist., marked $\frac{1}{4}$ S14 BT.

No suitable bearing tree in sec. 11 available.

53.60 Main branch of Cash Valley Wash, drains NW. Wash is
10 lks. wide, and 3 ft. deep.

62.30 Blue clay spur, projects NW

80.00 The cor. secs. 10, 11, 14, and 15.

Land, broken by sandstone ledges with a general north-
westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth; scattered shadscale, mountain rush, and
blackbrush.

Timber; scattered scrub juniper and pinon.

Fair grazing land.

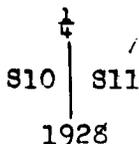
Chains

N. 0°01' W., bet. secs. 10 and 11.

Over broken bottom of Cash Valley through scattered undergrowth and timber.

- 5.00 Trail to Dry Mesa, bears NE. and SW.
- 5.20 Small wash, 40 ft. below cor., drains NW.
- 13.70 Spur, 60 ft. above wash, projects NW.
- 34.50 Cash Valley Wash, 30 lks. wide, 4 ft. deep, drains SW.
- 40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

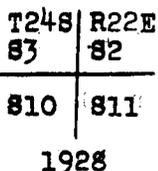


From which:

A juniper, 6 ins. diam., bears S. 28° W., 306 lks. dist., marked $\frac{1}{4}$ S10 BT.

No other suitable bearing trees available.

- 46.90 Leave Cash Valley, bears E. and W. Thence ascend abruptly over broken N. breaks of valley.
 - 53.50 Top of abrupt ascent, bears E. and W.; thence over brushy bench land.
 - 60.20 Base of abrupt ascent over rocky SW. slope, bears SW. and NE.
 - 77.50 Top of perpendicular ledge, 50 ft. high, and top of N. breaks of Cash Valley, 630 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; thence ascend gradually over broken bench land.
 - 80.00 On broken S. slope of bench land, 30 ft. above top of N. breaks of Cash Valley.
- Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 2, 3, 10, and 11, with brass cap marked.



Chains

201200

From which:

A pinon, 6 ins. diam., bears N. 54° E. 31 lks.
dist., marked T24S R22E S2 BT.

A pinon, 6 ins. diam., bears S. 33° E. 31 lks.
dist., marked T24S R22E S11 BT.

A pinon, 7 ins. diam., bears S. 46° 45' W. 106 lks.
dist., marked T24S R22E S10 BT.

A pinon, 8 ins. diam., bears N. 8° 30' W. 119 lks.
dist., marked T24S R22E S3 BT.

Land, broken by sandstone ledges with a general south-
erly and northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and sage brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89° 54' E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 26 lks. S. of the cor.
secs. 1, 2, 11, and 12.

Thence:

S. 89° 55' W., on true line bet. secs. 2 and 11.

Over broken land through dense timber and scattered
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S2

$\frac{1}{4}$ S11

1928

From which:

A pinon, 6 ins. diam., bears S. 8° E., 95 lks.
dist., marked $\frac{1}{4}$ S11 BT.

A pinon, 7 ins. diam., bears N. 27° W., 58 lks.
dist., marked $\frac{1}{4}$ S2 BT.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

45.60 Rolling top of low ridge, bears NW. and SE.
 80.00 The cor. secs. 2, 3, 10, and 11, 170 ft. below ridge.
 Land, broken by sandstone outcroppings, with a general
 northeasterly and southwesterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadscale, sagebrush, mountain
 rush, and blackbrush.
 Timber, dense scrub juniper and pinon.
 Fair grazing land.

N. 0°14' W., on random line bet. secs. 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.28 Intersect the N. bdy. of the township, 2 lks. E. of the
 cor. secs. 2, 3, 34, and 35, heretofore described.

Thence:

S. 0°15' E., on true line bet. secs. 2 and 3.

Over rolling and broken bench land through scattered
 timber and undergrowth.

8.40 The top of right rim of deep box canyon, bears E. and W.

12.80 Bottom of box canyon, 330 ft. deep, drains SW.

18.10 Top of left rim of canyon, bears E. and W.

40.28 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S3 | S2
 1928

From which:

A pinon, 6 ins. diam., bears N. 79° E., 123 lks.
 dist., marked $\frac{1}{4}$ S2 BT.

A pinon, 6 ins. diam., bears N. 46° W., 132 lks.
 dist., marked $\frac{1}{4}$ S3 BT.

Thence ascend gradual NW. slope.

75.00 Rolling top of ridge, 50 ft. above the $\frac{1}{4}$ sec. cor. 40.00
 bears NW. and SE.; descend gradual SW. slope.

SUBDIVISION OF T. 24 S., R. 22 E.

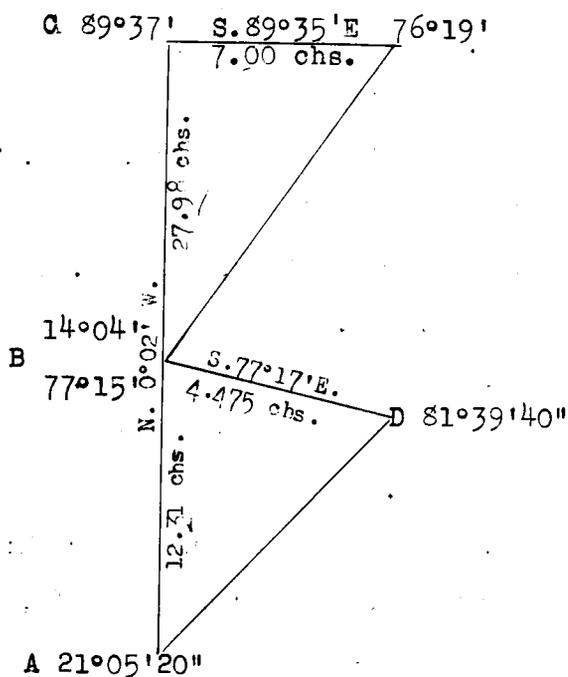
Chains

- 80.28 The cor. secs. 2, 3, 10, and 11, 60 ft. below ridge.
 Land, rolling and broken, with a general northwesterly and southwesterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadscale, mountain rush, sage, and black brush.
 Timber, scattered scrub juniper and pinon.
 Fair grazing land.
-
- From the cor. secs. 3, 4, 33, and 34, on the S. bdy. of the township, which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described in the official field notes of the survey T. 25 S., R. 22 E., under Group No. 15, Utah.
 N. 0°02' W., bet. secs. 33 and 34.
 Over broken bench land through scattered timber and undergrowth.
- 8.00 Top of low ridge, bears NE. and SW.; descend gradual N. slope.
- 28.50 Sandstone rimrock, 50 ft. high, bears NE. and SW.; descend gradual NW. slope.
- 40.00 On surfacerock, 130 ft. below sec. cor., mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $\frac{1}{4}$
 S33 | S34
 1928
- From which:
 A juniper, 8 ins. diam., bears N. 51° E., 35 lks. dist., marked $\frac{1}{4}$ S34 BT.
 A pinon, 12 ins. diam., bears S. 25° W., 42 lks. dist., marked $\frac{1}{4}$ S33 BT.
- 40.94 Leave flag for triangulation point on the W. point of spur.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

42.00 From this point, a small seep of good water, bears E., 75 lks. dist. The line to the N. of this point, passes over the broken breaks of head of box canyon and the S. breaks of the Colorado River, which make chaining impracticable, I therefore triangulate as follows. Erect flag A at the 40.94 chs. point, and flags B and C on line to the N. From flag B, measure base line, 4.475 chs. dist., S. 77°17' E./and erect flag D, and from which point, flags A and B subtend an angle of 81°39'40". From flag C, measure base line S. 89°39' E., 7.00 chs., and from which point, flags B and C subtend an angle of 76°19'. All angles checked by repetition and all base lines double chained.



Distance on line	40.94 chs.
Distance by triangulation A to B	12.31 chs.
	<hr/>
Distance by triangulation B to C	53.25 chs.
	<hr/>
Distance by return measurement	27.98 chs.
	<hr/>
	81.23 chs.
	<hr/>
	1.42 chs.
	<hr/>
	79.81 chs.

47.00 Approximate distance; head of box canyon, drains NW.

53.25 To point B of triangulation at top of S. breaks of the Colorado River, 120 ft. below the $\frac{1}{4}$ sec. cor., bears NW. and SE. Thence descend abruptly over broken sandstone ledges.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

78.60 Approximate distance; road, bears NE. to Cisco and SW. to Moab.

79.81 As the true point for the cor. secs. 27, 28, 33, and 34, falls on steep slope of sand bank where it is impossible to set a permanent cor., therefore at this point; Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 27, 28, 33, and 34, with brass cap marked.

WC	
T24S	R22E
S28	S27
S33	S34

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No other suitable accessories available.

80.00 The true point for the cor. secs. 27, 28, 33, and 34, falls on steep slope of sand bank in bottom land of the Colorado River, 1120 ft. below top of S. breaks. No cor. set.

Land, broken bench land and S. breaks of the Colorado River, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the true point for the cor. secs. 27, 28, 33, and 34, which is N. 0°02' W., 19 lks. from the witness cor. to the cor. said secs.

Thence:

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

41.84 Ledges make chaining to the E. of this point impracticable
 I therefore offset as follows.
 North, 10.00 chs. dist., thence:
 East, 38.34 chs. dist., thence:
 South, 9.91 chs. dist. to:

80.18 True point for the cor. of secs. 26, 27, 34, and 35,
 which is N. 0°01' W., 4.68 chs. dist. from the witness
 cor. to the cor. of said secs.

The course and dist. of the line bet. the true points for
 cor. of secs. 27, 28, 33, and 34, and the cor. of secs.
 26, 27, 34, and 35, is N. 89°56' E., 80.18 chs.

The line to the W. of the point for the cor. of secs.
 26, 27, 34, and 35, passes over the high south breaks
 of the Colorado River over which it is impossible to
 project my line, I therefore run an offset line from
 this cor. point as follows.

North, 9.91 chs. dist., thence:
 S. 89°56' W., 38.34 chs. dist., thence:
 South 9.91 chs. dist. to:

38.34 Point on true line. Thence S. 89°56' W., on true line,
 over broken surfacerock.

40.09 On surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} .827 \\ \frac{1}{4} \hline 834. \end{array}$$
 1928

No other suitable accessories available.

50.90 Canyon, 150 ft. below the $\frac{1}{4}$ sec. cor., drains N.

65.00 Rocky spur, projects E.

71.90 Small draw, drains N.

78.50 Road, bears NE. to Cisco and SW. to Moab.

80.18 The true point for the cor. of secs. 27, 38, 33 and 34,
 340 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken S. breaks of the Colorado River.
 Soil, shallow loose sand and rock; 3rd rate.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

No timber. Fair grazing land.

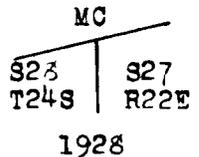
From the true point for the cor. of secs. 27, 28, 33, and 34, which is N. 0°02' W., 19 lks. dist. from the witness cor. to the cor. of said secs.

N. 0°02' W., bet. secs. 27 and 28.

Over bottom lands of the Colorado River, through dense undergrowth of oak brush.

0.67 The mean high water mark of the left bank of the Colorado River, bears northeasterly and southwesterly.

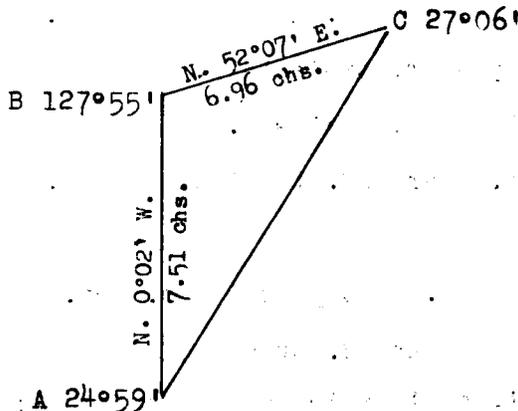
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 27 and 28, with brass cap marked



Raise a mound of stone, 3 ft. base, 2 ft. high S. of cor.

1.23 To point C of triangulation as described on line bet. secs. 33 and 34. Thence across the Colorado River by triangulation, which at this point is a stream of muddy water, about 5 chains wide and 4 ft. deep, and flows in a southwesterly direction.

Erect flag A at the meander cor. and flag B on line to the N. across the river. From B, measure base line BC, N. 52°07' E., 6.96 chs. dist. to point from which line AB subtends an angle of 27°06'. All angles checked by repetition and base line double chained.



SUBDIVISION OF T. 24 S., R. 22 E.

CHAINS

Distance on line .67 chs.
 Distance by triangulation 7.51 chs.
 8.18 chs.

8.18 To point B of triangulation at the mean high water mark of the right bank of the Colorado River, bears north-easterly and southwesterly.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 27 and 28, with brass cap marked.

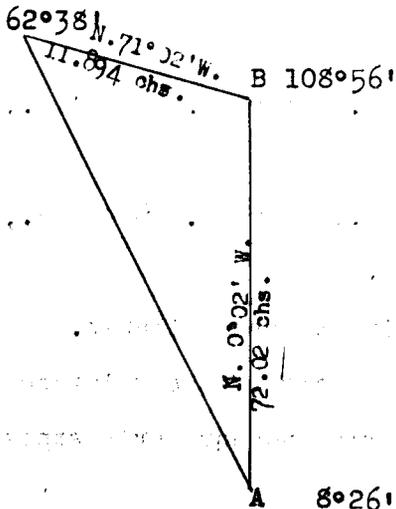
T24S	R22E
S28	S27

MC

1928

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

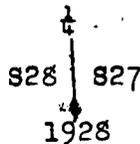
The line to the N. of this point, passes over the inaccessible N. breaks of the Colorado River, over which I am unable to chain, I therefore triangulate as follows. It being impossible to see to the top of the N. breaks of the river from this point, I erect flag A at the 53.25 chs. point on line bet. secs. 33 and 34. Erect flag B at the top of the N. breaks of river, and from this point, measure base line N. 71°02' W., 11.894 chs. dist., from which point, flags A and B, subtend an angle of 62°38'. All angles checked by repetition and base line double chained.



SUBDIVISION OF T. 24 S., R. 22 E.

Distance by triangulation 72.02 chs.
 Distance to point for sec. cor. from A 26.75' chs.
45.27 chs.
 Distance by return measurement 5.27 chs.
40.00 chs.

40.00 On broken SW. slope of surfacerock, mark a cross (X),
 over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



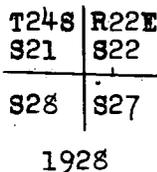
No other suitable accessories available.

45.27 To point B of triangulation at the top of the N. breaks
 of the Colorado River, bears NE. and SW. Thence over
 broken SW. slope.

47.20 Bottom of rocky wash, 90 lks. wide, 6 ft. deep, drains
 SW.

64.10 Top of rocky spur, projects SW.

80.00 On broken W. slope of surfacerock, mark a cross (X),
 over which:
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
 mound of stone, for cor. secs. 21, 22, 27, and 28,
 with brass cap marked.



From which:

A juniper, 3 ins. diam., bears S. $74^{\circ}15'$ W., 33 lks.
 dist., marked BT.

A juniper, 3 ins. diam., bears N. $44^{\circ}45'$ W., 45 lks.
 dist., marked BT.

No other suitable bearing trees available.

Land, broken N. and S. breaks of the Colorado River,
 with a general southerly and northerly exposure and
 drainage.

Soil, shallow loose sand and rock; 3rd rate.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°56' E., on random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 22, 23, 26, and 27.

Thence:

S. 89°59' W., on true line bet. secs. 22 and 27.

Over rolling bench land through scattered undergrowth.

34.20 Rolling top of low ridge, bears NE. and SW.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 922 \\ \frac{1}{4} \overline{) 927} \\ 1928 \end{array}$$

Deposit a sandstone, 9 x 6 x 5 ins., at base of post, marked with a cross (X).

No suitable bearing trees or other access. lines available.

41.00 Small wash, 15 lks. wide, 3 ft. deep, drains SW.

80.10 The cor. secs. 21, 22, 27, and 28, 130 ft. below the cor. secs. 22, 23, 26, and 27.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sage and black brush, and mountain rush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Over rolling bench land through scattered undergrowth and timber.

Chain

Station

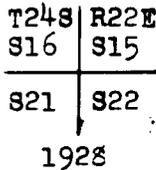
- 19.40 Small wash, drains SW.
- 40.00 On left bank of small wash, draining SW.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which:

- A juniper, 10 ins. diam., bears N. 12° E., 106 lks. dist., marked $\frac{1}{4}$ S22 BT.
- A juniper, 6 ins. diam., bears N. 28° W., 272 lks. dist., marked $\frac{1}{4}$ S21 BT.

- 40.00 Mark a cross (X), on the surface rock, over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 15, 16, 21, and 22, with brass cap marked.



From which:

- A pinon, 3 ins. diam., bears N. 36° 45' E., 160 lks. dist., marked BT.

No other suitable bearing trees available.

Land, rolling with a general southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sage and black brush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89° 59' E., on random line bet. secs. 15 and 22.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

80.18 Intersect the N. and S. line, 16 lks. S. of the cor.
secs. 14, 15, 22, and 23.

Thence:

S. 89°52' W., on true line bet. secs. 15 and 22.

Over broken mesa land through scattered undergrowth
and timber.

29.00 Draw, 50 ft. below cor., drains SW.; ascend gradual SE.
slope.

37.10 Spur, 130 ft. above draw, projects S.; descend gradually
along S. slope.

40.09 On surfacerock, 10 ft. below spur, mark a cross (X),
over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{S15}{S22}$

1928

From which:

A scrubby juniper, bears S. 5°30' E., 80 lks.
dist., marked BT.

A juniper, 6 ins. diam., bears N. 8° W., 110 lks.
dist., marked $\frac{1}{4}$ S15 BT.

54.00 Low spur, projects SE.

80.18 The cor. secs. 15, 16, 21, and 22, 160 ft. below the
 $\frac{1}{4}$ sec. cor.

Land, broken by sandstone outcroppings, with a general
southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage
and black brush.

Timber, scattered scrub juniper and timber.

Fair grazing land.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

anlads

N. 0°02' W., bet. secs. 15 and 16. 31.08

Ascend gradually over broken SW. slope through scattered undergrowth and timber.

15.00 Spur, 70 ft. above cor., projects SW.; continue ascent.

20.40 Small wash, drains SW.

40.00 On spur, 75 ft. above last spur, projects SW.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S16 | S15
1928

From which:

A juniper, 3 ins. diam., bears S. 71° E., 96 lks. dist., marked BT.

A pinon, 5 ins. diam., bears N. 86°45' W., 185 lks. dist., marked $\frac{1}{4}$ S16 BT.

Continue gradual ascent.

50.10 Small wash, drains SW.

64.30 Rolling top of ridge, 180 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NW.; descend gradual N. slope.

75.80 Top of abrupt descent over broken N. breaks of mesa, bears E. and W.

80.00 On abrupt NW. slope of breaks of mesa, 190 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for cor. secs. 9, 10, 15, and 16, with brass cap marked.

T24S | R22E
S9 | S10 ✓
S16 | S15
1928

From which:

A pinon, 6 ins. diam., bears N. 73°30' E., 78 lks. dist., marked T24S R22E S10 BT.

SUBDIVISION OF T. 24 S. R. 22 E.

Chains

- A juniper, 3 ins. diam., bears S. 66°15' E., 46 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. 64° W., 19 lks. dist., marked BT.
- A pinon, 6 ins. diam., bears N. 76°15' W., 55 lks. dist., marked T24S R22E S9 BT.

Land, broken by sandstone ledges, with a general south-westerly exposure and drainage, on S. portion of mile, and a general northerly exposure and drainage on N. portion of mile.

Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered sage and black brush.
 Timber, scattered scrub juniper and pinon.
 Fair grazing land.

N. 89°52' E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 10, 11, 14, and 15.

Thence:

S. 89°55' W., on true line bet. secs. 10 and 15.

Ascend gradually along N. slope of Cash Valley through scattered undergrowth and timber.

3.60 Small draw, drains N.

25.00 Base of ascent over broken NE. slope, bears NW. and SE.

40.10 On broken NE. slope, 180 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S10
 $\frac{1}{4}$
 S15
 1928

Deposit a sandstone 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

SUBDIVISION OF THE SURVEY

- 80.20 **Continue gradual descent over NE. slope**
 The cor. secs. 9, 10, 15, and 16, 200 ft. above the sec. cor.
 Land, broken by sandstone ledges with a general north-easterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadeless, mountain rue, sage, and black brush.
 Timber, scattered scrub juniper and pinon.
 Fair grazing land.
-
- 81.00 **Ascend abruptly N. slope of S. breaks of Cash Valley**
 through scattered undergrowth and timber.
- 82.00 **Base of abrupt descent, bears NW. and SE. Thence over**
 rolling bottom of Cash Valley.
- 83.00 **Draw, 430 ft. below sec. cor., drains SW.; ascend**
 gradual SE. slope.
- 84.00 **Trail, bears NE. and SW.**
- 85.00 **On broken SW. slope, 100 ft. above draw.**
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.
- 89 | 910
 1928
- From which:
- A juniper, 3 ins. diam., bears S. 86°45' E., 34 lks. dist., marked BT.
 - A juniper, 3 ins. diam., bears S. 85°30' W., 103 lks. dist., marked ST.
- 82.00 **Green's prospect hole, bears S. 74°30' W.**
- 83.45 **Small draw, drains SW.**
- 85.33 **Green's prospect hole, bears S. 50°53' W.**

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

80.00 On broken surface rock, 50 ft. above the $\frac{1}{4}$ sec. cor., mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 3, 4, 9, and 10, with brass cap marked.

T24S	R22E
S4	S3
S9	S10

1928

From which:

A pinon, 3 ins. diam., bears N. $65^{\circ}30'$ E., 189 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 89° E., 233 lks. dist., marked T24S R22E S10 BT.

A pinon, 3 ins. diam., bears S. $13^{\circ}15'$ W., 73 lks. dist., marked BT.

A pinon, 6 ins. diam., bears N. $39^{\circ}45'$ W., 210 lks. dist., marked T24S R22E S4 BT.

Land, broken by sandstone ledges and outcrops, with a general northerly and southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $89^{\circ}55'$ E., on random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 2, 3, 10, and 11.

Thence:

S. $89^{\circ}57'$ W., on true line bet. secs. 3 and 10.

Descend gradually over broken NW. slope,

20.00 Sandstone ledge, 30 ft. high, bears NW. and SE.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

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40.04 On gradual SW. slope of surface rock, 230 ft. below sec. cor., mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S3}{S10}$
1928

From which:

A pinon, 7 ins. diam., bears S. 28° W., 24 lks. dist., marked $\frac{1}{4}$ S10 BT.

A pinon, 8 ins. diam., bears N. 28° W., 79 lks. dist., marked $\frac{1}{4}$ S3 BT.

Thence ascend gradual SE. slope.

61.20 Small draw, drains SW.

80.08 The cor. secs. 3, 4, 9, and 10, 50 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken with a general southwesterly and northeasterly exposure and drainage.

Soil, shallow loose sand and rock, with sandstone outcrops; 3rd rate.

Undergrowth, scattered sage, and black brush, and mountain rush.

Timber, scattered scrub juniper and pinon:

Fair grazing land.

N. 0°15' W., on random line bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.25 Intersect the N. bdy. of the township, 9 lks. E. of the cor. secs. 3, 4, 33, and 34, heretofore described.

Thence:

S. 0°19' E., on true line bet. secs. 3 and 4.

Over rolling and broken land through scattered undergrowth and timber.

10.50 Small draw, drains SW.

40.00

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

40.25 On surfacerock, 100 ft. below sec. cor., mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S4 | S3
1928

From which:

A juniper, 3 ins. diam., bears S. 65° E., 76 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 16° W., 72 lks. dist., marked BT. Tree too scrubby for other marks.

45.60 Top of the right rim of Winter Camp Wash, bears E. and W.

49.60 Bottom of Winter Camp Wash, 50 lks. wide, 10 ft. deep, 140 ft. below top of right rim, drains W.

57.30 Top of left rim of Winter Camp Wash, 130 ft. above bottom, bears E. and W. Thence across broken bench land.

66.50 Rolling top of ridge, bears NE. and SW.

80.25 The cor. secs. 3, 4, 9, and 10.

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sage, and black brush, and mountain rush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

The point for the cor. secs. 4, 5, 32, and 33, on the S. bdy. of the township, falls in the Colorado River,, and no witness cor. was set to the cor. of these secs., I therefore commence at the true point for the cor. of secs. 27, 28, 33, and 34, which is N. 0°02' W., 19 lks. dist. from the witness cor. to the cor. said secs.

SUBDIVISION OF T. 24 S., R. 22 E.

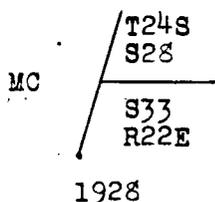
Chains

and 33

Thence: ...
 West, on true line bet. secs. 28 and 33.
 Over bottom land on the E. side of the Colorado River,
 through dense oak brush.

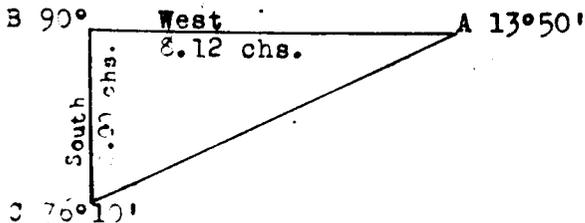
2.50 The mean high water mark of the left bank of the Colorado River, bears in a northeasterly and southwesterly direction.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 28 and 33, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence across the Colorado River by triangulation, which at this point is a stream of muddy water, about 5.00 chs. wide, 4 ft. deep, and flows in a southwesterly direction.

Erect flag A at the meander cor. on left bank of river and flag B on line W. across the river. From flag B, measure base line, South 2.00 chs. dist. and erect flag C. From flag C, flags A and B subtend an angle of $6^{\circ}10'$. All angles checked by repetition and base line double chained.

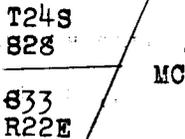


Distance on line	2.50 chs.
Distance by triangulation	8.12 chs.
	8.62 chs.

2.52 To point B of triangulation at the mean high water mark of the right bank of the Colorado River, bears in a northeasterly and southwesterly direction.

Chains

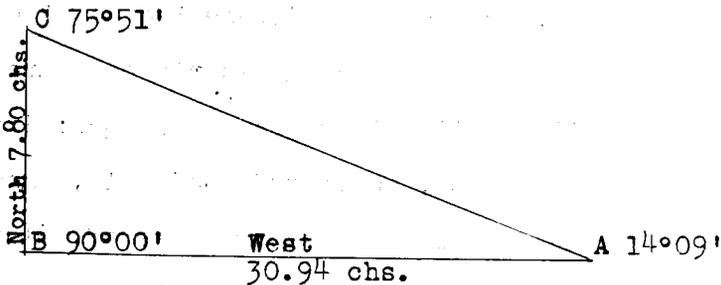
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 28 and 33, with brass cap marked.



1928

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

The line to the W. of this cor. passes over the broken breaks of the right side of the Colorado River, over which I am unable to chain, I therefore triangulate as follows. Erect flag A at the meander cor. on left bank of river, and flag B on line to the W. From flag B, measure base line North, 7.80 chs. dist. and erect flag C. From flag C, flags A and B subtend an angle of 75°51'. All angles checked by repetition and base line double chained.



Distance on line	.50 chs.
Distance by triangulation	<u>30.94 chs.</u>
	31.44 chs.

31.44 To point B of triangulation at the top of the NW. breaks of the Colorado River, 1760 ft. above river, bears NE. and SW.; thence ascend by chaining over gradual SE. slope of spur.

40.00 On top of rocky spur, 10 ft. above rim of NW. breaks of river, projects SE., mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S28

S33

1928

SUBDIVISION OF T. 24 S. R. 22 E. S. 32, 29, 32, 33

Chains

No other suitable accessories available.
 Fence descend gradually over broken SW. slope.

30.00 On surfacerock, 290 ft. below the $\frac{1}{4}$ sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 28, 29, 32, and 33, with brass cap marked.

T24S	R22E
S29	S28
S32	S33

1928

From which:

A juniper, 4 ins. diam., bears S. $32^{\circ}15'$ E., 108 lks.

dist., marked T24S R22E S33 BT.

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable bearing trees available.

Land, broken by sandstone ledges with a general southeasterly and southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sage and black brush;

dense oak brush along banks of Colorado River.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. $0^{\circ}03'$ E., on true line bet. secs. 32 and 33.

Over broken sandstone ledges through scattered undergrowth and timber.

3.20 Top of perpendicular sandstone rim, 200 ft. high, and

top of breaks of Salt Wash and the Colorado River,

bears NW. and SE., over which I am unable to chain,

I therefore triangulate as follows. Erect flag A at

the cor. secs. 28, 29, 32, and 33, and flag B on line

to the S. From flag B, measure base line, N. $62^{\circ}35'$ W.,

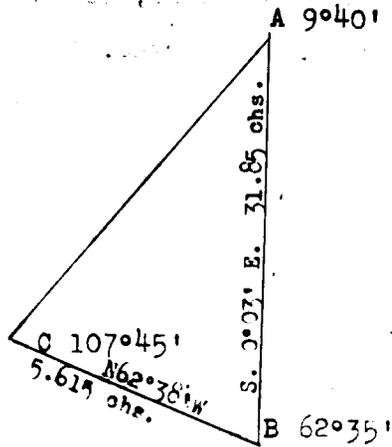
5.615 chs. dist. and erect flag C. From flag C, flags

A and B subtend an angle of $107^{\circ}45'$. All angles

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

checked by repetition and base line double chained.



Distance by triangulation 31.85 chs.

21.70 Approximate distance: Stream of salty water, 5 lks. wide, 3 ins. deep, in bottom of Salt Wash, 800 ft. below sec. cor., flows SE.

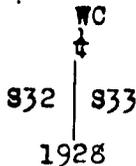
31.85 To point B of triangulation on rocky NE. slope. Thence by chaining; ascend abruptly over rocky NE. slope.

39.40 Spur, 200 ft. above Salt Wash, projects SE.; descend abruptly over rocky SE. slope.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on steep slope of surfacerock where it is impracticable to set cor.

40.19 On abrupt SE. slope of surfacerock, 10 ft. below spur, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 32 and 33, with brass cap marked.



No other suitable accessories available.

Continue abrupt descent over rocky SE. slope.

56.13 The mean high water mark of the right bank of the Colorado River, 250 ft. below the $\frac{1}{4}$ sec. cor., mark a cross (X), on the surfacerock, over which:

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

1928

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 32 and 33, with brass cap marked.

T24S	R22E
S32	S33

MC

1928

No other suitable accessories available.

Note: The cor. secs. 4, 5, 32, and 33, will fall within the meanders of the Colorado River.

Land, broken by sandstone ledges with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 28, 29, 32, and 33.

N. 0°03' W., bet. secs. 28 and 29.

Ascend abrupt SE. slope of broken land through scattered undergrowth and timber.

7.70 Top of ascent, 130 ft. above cor., bears NE. and SW.; thence descend abruptly over rocky NW. slope.

16.20 Bottom of canyon, 100 ft. below top of descent, drains NW.; ascend gradually over broken ledges.

21.60 Top of perpendicular sandstone ledge, 80 ft. high, bears E. and W.

22.10 Spur, 140 ft. above canyon, projects S. 75° W.; descend gradual N. slope.

31.00 Rocky wash drains W.; continue descent.

40.00 On broken N. slope, 160 ft. below spur.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ /
 S29 | S28
 1928

Deposit a sandstone, 7 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

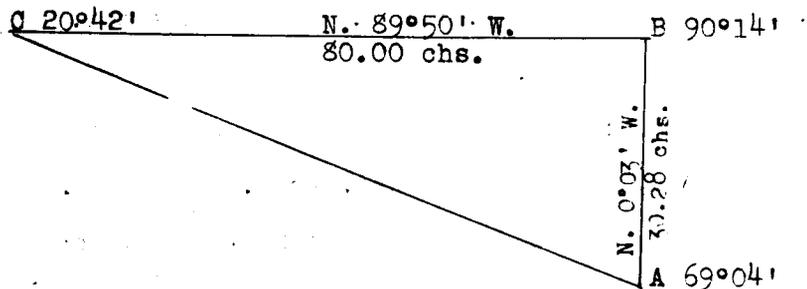
42.80 The S. base of sandstone butte on line to the N., over which I am unable to chain, I therefore traverse around E. base of butte as follows.

N. $47^{\circ}15'$ E., 4.00 chs. dist.; thence:

N. $35^{\circ}00'$ W., 5.13 chs. dist. to:

49.72 Point on true line at N. base of butte.

The line to the N. of this point, passes over the broken N. and S. breaks of a canyon, over which I am unable to chain, I therefore triangulate as follows. Erect flag A at this point, and flag B on line to the N. Designate a point, N. $89^{\circ}50'$ W., 80.00 chs. dist. from flag B as C, and from which point, flags A and B subtend an angle of $20^{\circ}42'$. All angles checked by repetition.



Distance on line	49.72 chs.
Distance by triangulation	<u>30.28 chs.</u>
	80.00 chs.

65.00 Approximate distance: Bottom of canyon, 150 ft. deep, drains W.

80.00 To point B of triangulation.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in

SUBDIVISION OF T. 24 S. 4. E. 22. E.

Chains

the ground to bedrock and 16 ins. in a mound of stone for cor. secs. 20, 21, 22, and 23, with brass cap with marked

T24S	R22E
S20	S21
S29	S28

1928

From which:

A juniper, 4 ins. diam., bears S. 19°45' E., 262 lks. dist., marked T24S R22E S28 BT.

A juniper, 3 ins. diam., bears N. 63°30' W., 84 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken by sandstone ledges with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 21 and 28,

40.00 Set temp. $\frac{1}{4}$ sec. cor.

20.00 Intersect the N. and S. line at the cor. secs. 21, 22, 27, and 28.

Thence:

West, on true line bet. secs. 21 and 28.

Over rolling bench land through scattered undergrowth and timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S21

S28

1928

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

From which:

A juniper, 5 ins. diam., bears N. 56°15' E., 31 lks.
dist., marked $\frac{1}{4}$ S21 BT.

A juniper, 7 ins. diam., bears S. 14°45' W., 63 lks.
dist., marked $\frac{1}{4}$ S28 BT.

40.70 Small wash, drains SW.

62.50 Trail, bears NE. and SW.

80.00 The cor. secs. 20, 21, 28, and 29.

Land, rolling, with a general northeasterly exposure
and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage,
and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 20 and 21.

Over broken land through scattered undergrowth and
timber.

1.20 Top of small sandstone knoll; thence along W. slope.

16.40 Draw, drains SW.; thence along SW. slope.

40.00 On gradual W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S20} \mid \text{S21} \\ \hline 1928 \end{array}$$

From which:

A juniper, 10 ins. diam., bears N. 74°15' E., 236 lks.
dist., marked $\frac{1}{4}$ S21 BT.

No other suitable bearing tree available.

52.70 Bottom of canyon, drains SW.

66.80 Bottom of small canyon, drains SW.

80.00 In bottom of draw, drains SW.

.SUBDIVISION OF T. 24 S. 12 E. R. 22 E.

Chains

Balance

Set an iron post, 3 ft. long, 2 ins. diam., in the ground to bedrock and 6 ins. in a mound of stone, for cor. secs. 16, 17, 20, and 21, with brass cap marked

T24S	R22E		
S17	S16	✓	05.04
S20	S21		03.38
1928			

From which:

- A scrubby juniper, bears N. 47°15' E., 91 lks. dist., marked BT.
- A juniper, 10 ins. diam., bears S. 51° E., 93 lks. dist., marked T24S R22E S21 BT.
- A juniper, 8 ins. diam., bears S. 42°15' W., 152 lks. dist., marked T24S R22E S20 BT.
- A juniper, 6 ins. diam., bears N. 41°15' W., 203 lks. dist., marked T24S R22E S17 BT.

Land, broken by sandstone ledges and canyons, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 15, 16, 21, and 22.

Thence:

S. 89°58' W., on true line bet. secs. 16 and 21.

Over rolling bench land through scattered undergrowth and timber.

18.80 Rolling top of spur, projects SW.

30.00 Small wash, 15 lks. wide, 4 ft. deep, drains SW.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

39.98 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{S16}{\frac{1}{4}} \\ S21 \end{array}$$

1928

No other suitable accessories available.

62.70 Bottom of small canyon, drains SW.

79.96 The cor. secs. 16, 17, 20, and 21.

Land, rolling, with a general southwesterly exposure and drainage:

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over broken bench land through scattered undergrowth and timber.

3.10 Bend in small draw, drains SE. from the E.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S17 \quad | \quad S16 \end{array}$$

1928

From which:

A juniper, 4 ins. diam., bears S. 81° E., 142 lks. dist., marked $\frac{1}{4}$ S16 BT.

A juniper, 3 ins. diam., bears S. $50^{\circ}30'$ W., 183 lks. dist., marked BT.

43.80 Draw, 500 lks. wide, 100 ft. deep, drains SW.

80.00 On surfacerock, 470 ft. above cor. secs. 16, 17, 20, and 21, mark a cross (X), over which:

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

381.40

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 8, 9, 16, and 17, with brass cap marked.

T24S	R22E
S8	S9
S17	S16

1928

From which:

- A juniper, 3 ins. diam., bears N. 83° E., 139 lks. dist., marked BT.
- A pinon, 3 ins. diam., bears S. 51°15' E., 90 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. 28°30' W., 183 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N. 73° W., 115 lks. dist., marked BT.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°58' E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 9 lks. S. of the cor. secs. 9, 10, 15, and 16.

Thence:

S. 89°54' W., on true line bet. secs. 9 and 16.

Over broken bench land through scattered undergrowth and timber. Ascend along E. slope of ridge.

29.70 Ridge, 500 ft. above cor., bears NW. and SE.; descend gradual SW. slope.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

40.02

On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S9}{S16}$
1928

From which:

A juniper, 3 ins. diam., bears S. 15° E., 52 lks. dist., marked BT.

A pinon, 6 ins. diam., bears N. 42° W., 183 lks. dist., marked $\frac{1}{4}$ S9 BT.

65.20 Bend in top of low ridge, bears NW. and NE.

80.04 The cor. secs. 8, 9, 16, and 17, 100 ft. below bend in top of ridge.

Land, broken by sandstone outcroppings, with a general northeasterly and southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

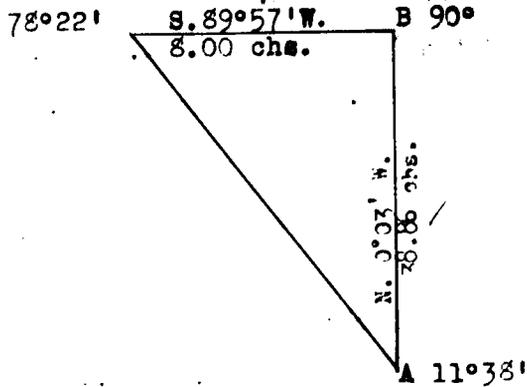
N. 0°03' W., bet. secs. 8 and 9.

Over broken S. breaks of Cash Valley through scattered undergrowth and timber.

3.06 Top of ridge and top of sandstone rim at the top of S. breaks of Cash Valley, bears E. and W. High broken ledges make chaining to the N. of this point, impracticable, I therefore triangulate as follows. Erect flag A at this point, and flag B on line to the N. From flag B, measure base line, S. 89°57' W., 8.00 chs. dist., from which point, flags A and B, subtend an angle of 78°22'. All angles checked by repetition and base line double chained.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains



Distance on line 3.06 chs.
 Distance by triangulation 38.86 chs.
 41.92 chs.

- 12.00 Approximate distance: Base of abrupt descent over S. breaks of Cash Valley, bears E. and W.; thence over rolling bottom of valley.
- 40.00 In rolling bottom of Cash Valley, 670 ft. below sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- \uparrow
 SE | S9
 1928
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- No suitable bearing trees available.
- Continue across bottom of Cash Valley.
- 48.30 Trail, bears E. and W.
- 52.50 Cash Valley Wash, 30 lks. wide, 10 ft. deep, drains W.
- 57.40 Four wire fence, bears S. 10° E.; and N. 10° W. 2.00 chs. dist. to ledge.
- 59.00 Leave rolling bottom of Cash Valley and ascend gradual SW. slope over surfacerock.
- 77.00 Spur, 180 ft. above Cash Valley, slopes W.
- 80.00 On surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 4, 5, 8, and 9, with brass cap marked.

.SUBDIVISION OF T. 24 S., R. 22 E.

Chains

T24S	R22E
85	84 ✓
85	89

1928

From which:

A juniper, 3 ins. diam., bears N. 86°30' E., 164 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 26°30' E., 66 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 48° W., 97 lks. dist., marked BT.

No bearing tree in sec. 5 available.

Land, rolling and broken, with a general southerly and northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, service-berry, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°54' E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the N. and S. line, 12 lks. N. of the cor. secs. 3, 4, 9, and 10.

Thence:

S. 89°59' W., on true line bet. secs. 4 and 9.

Over broken mesa land through scattered undergrowth and timber.

13.00 Low ridge, 40 ft. above cor., bears NE. and SW.; thence along N. slope, of Winter Camp Canyon.

29.80 Spur, projects NE.; continue along N. slope of canyon.

40.03 On surfacerock, 180 ft. below ridge, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

.SUBDIVISION OF T. 24 S., R. 22 E.

11/15/00

Chains

$$\frac{84}{89}$$
 1928

From which:

A pinon, 3 ins. diam., bears North, 65 lks. dist., marked BT.

A pinon, 3 ins. diam., bears S. 7° W., 100 lks. dist., marked BT.

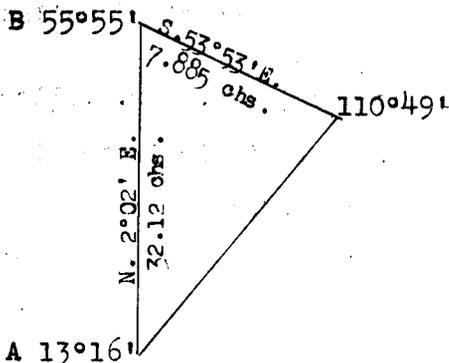
- 45.90 Spur, projects N.; thence descend abrupt NE. slope to bottom of Winter Camp Canyon.
- 68.70 Wash, 30 lks. wide, 3 ft. deep, in bottom of Winter Camp Canyon, 470 ft. below ridge, drains NW. from the NE.; ascend abruptly over broken NE. slope.
- 77.10 Top of sandstone rim, 75 ft. high and 180 ft. above bottom of Winter Camp Canyon, bears NW. and SE.
- 80.06 The cor. secs. 4, 5, 8, and 9.
 Land, broken by sandstone ledges with a general northwesterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadscale, mountain rush, service-berry, sage, and black brush.
 Timber, scattered scrub juniper and pinon.
 Fair grazing land.

N. 0°19' W., on random line bet. secs. 4 and 5.
 The line to the N. of the cor. secs. 4, 5, 8, and 9, passes over the broken breaks of Winter Camp Canyon, over which it is impracticable to chain, I therefore determine the distance by triangulation as follows.
 Erect flag A at a point, South, 3.03 chs. dist. from cor. said secs., and as it is impossible to erect a flag on line to the N. of this flag, on account of ledges, I erect flag B at a point N. 2°02' E. from flag A. From flag B, measure base line S. 53°53' E.,

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

7.885 chs. dist., from which point, flags A and B subtend an angle of $110^{\circ}49'$. All angles checked by repetition and base line double chained.



Distance by triangulation (northing)	32.09 chs.
Distance from A to sec. cor.	<u>3.03 chs.</u>
	29.06 chs.

29.06 To point B of triangulation at a point, East, 1.30 chs. dist. from true random line. Sandstone dome makes it impracticable to reach true line from this point, I therefore run on traverse line as follows.

N. $4^{\circ}30'$ W., 10.38 chs. dist.

West, 54.lks. dist. to:

39.41 Point on true line; thence on true line.

40.00 Point falls on steep slope of surface rock.

40.65 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

80.30 Intersect the N. bdy. of the township, 7 lks. W. of the cor. secs. 4, 5, 32, and 33, heretofore described.

Thence:

S. $0^{\circ}16'$ E., on true line bet. secs. 4 and 5.

Over rolling bench land through scattered undergrowth, and timber.

4.00 Trail, bears E. and W.

26.50 Undergrowth becomes dense, bears E. and W.

36.00 Undergrowth becomes scattered, bears E. and W.

39.65 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 4 and 5, with brass cap marked.

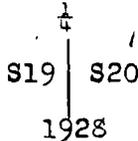
SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Distance on line	.70 chs.
Distance by triangulation	46.99 chs.
	<hr/>
	47.69 chs.
Distance by return measurement	7.69 chs.
	<hr/>
	40.00 chs.

20.00 Approximate distance; bottom of box canyon, 500 ft. below sec. cor., drains E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



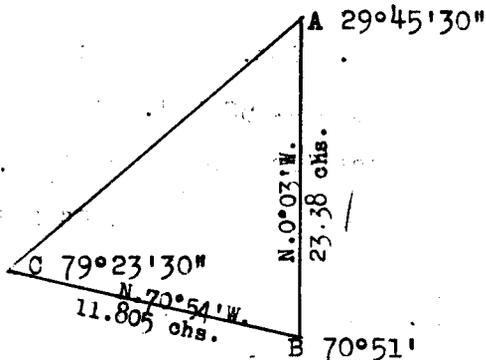
From which:

A juniper, 5 ins. diam., bears N. 80° E., 72 lks. dist., marked $\frac{1}{4}$ S20 BT.

A juniper, 5 ins. diam., bears N. 25° W., 71 lks. dist., marked $\frac{1}{4}$ S19 BT.

Thence by direct measurement.

47.69 To point "E" of triangulation at top of rocky spur, projects E. The line to the N. of this point, follows along the W. side of Salt Wash and over high sandstone ledges which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" on line to the N., and from point, flags "BC" of the previous triangulation, subtend an angle of 29°45'30". All angles checked by repetition.

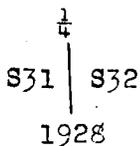


Distance on line	47.69 chs.
Distance by triangulation	23.38 chs.
	<hr/>
	71.07 chs.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

- 6.00 Sandstone rim, bears E. and W. Thence ascend gradually over SE. slope.
- 40.00 On SE. slope of surfacerock, 300 ft. above sec. cor., mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

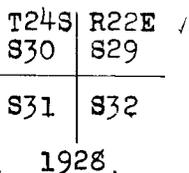


From which:

A juniper, 5 ins. diam., bears N. $28^{\circ}45'$ W., 90 lks. dist., marked $\frac{1}{4}$ S31 BT.

No other suitable bearing trees available.

- 42.40 Low spur, projects S. 75° E.; descend gradual N. slope.
- 55.50 Draw, 110 ft. below spur, drains NE.; ascend gradual S. slope,
- 73.65 Spur, 90 ft. above draw, projects NE.; descend gradual N. slope.
- 80.00 On NE. slope of surfacerock, 130 ft. below spur, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 29, 30, 31, and 32, with brass cap marked.



From which:

A pinon, 12 ins. diam., bears N. $38^{\circ}30'$ E., 40 lks. dist., marked T24S R22E S29 BT.

A pinon, 12 ins. diam., bears S. $2^{\circ}30'$ E., 90 lks. dist., marked T24S R22E S32 BT.

A pinon, 6 ins. diam., bears N. $66^{\circ}15'$ W., 74 lks. dist., marked T24S R22E S30 BT.

No suitable bearing tree in sec. 31 available.

Land, broken by sandstone ledges with a general south-

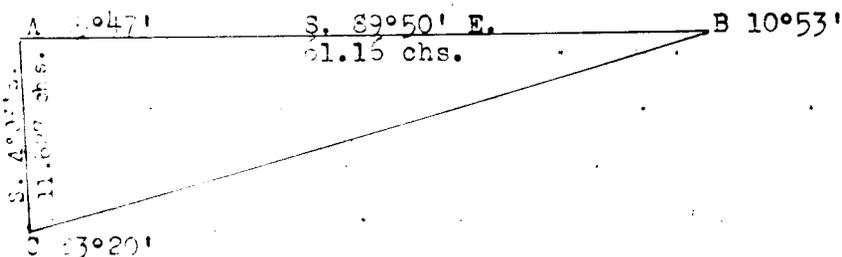
SUBDIVISION OF T. 24 S., R. 22 E.

3 chains

erly and northerly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadscale, mountain rush, sage,
 and black brush.
 Timber, scattered scrub juniper and pinon.
 Fair grazing land.

S. 89°30' E., on random line bet. secs. 29 and 32.

The E. and W. breaks of Salt Wash, make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag A at this point and flag B on line to the E. From flag A, measure base line S. 4°13' E., 11.627 chs. dist. and erect flag C. From flag C, flags A and B subtend an angle of 83°20'. All angles checked by repetition and base line double chained.



Distance on line	20.63 chs.
Distance by triangulation	<u>61.16 chs.</u>
Distance by return measurement	<u>81.79 chs.</u>
	<u>39.80 chs.</u>

39.80 Met temp. at sec. cor.

4.00 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 28, 29, 32, and 33.

Hence:

S. 89°3' W., on true line bet. secs. 29 and 32.

Descend abruptly over broken E. breaks of Salt Wash, through scattered undergrowth and timber.

1.30 Top of sandstone rim, 359 ft. high, bears NW. and SE.; descend abruptly over ledges.

15.30 Spur, projects W.; continue abrupt descent.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

27.50 Stream of salty water, 3 lks. wide, 3 ins. deep, in bottom of Salt Wash, 780 ft. below sec. cor., flows SE.; ascend abrupt NE. slope over broken left breaks of Salt Wash.

39.80 On broken NE. slope, 340 ft. above Salt Wash. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 829 \\ \frac{1}{4} \\ \hline 832 \end{array}$$

1928

Deposit a sandstone 6 x 4 x 4 ins., at base of post, marked with a cross (X). No bearing trees available.

Continue abrupt ascent over broken NE. slope of ledges.

58.97 Top of left breaks of Salt Wash, 440 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NW.; thence over broken bench land.

79.60 The cor. secs. 29, 30, 31, and 32, Land, broken by breaks of Salt Wash, with a general northeasterly and southwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°50' W., on random line bet. secs. 30 and 31.

The line to the W. of the cor. secs. 29, 30, 31, and 32, passes along inaccessible ledges over which I am unable to chain, I therefore run an offset and traverse line as follows.

South, 6.32 chs. dist., thence:

S. 81° W., 20.31 chs. dist., thence:

N. 64°16' W., 22.14 chs. dist. to:

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

40.00 Point on random line; set temp. $\frac{1}{4}$ sec. cor.
 Thence, N. $89^{\circ}50'$ W., on random line.

104.71 Intersect the W. bdy. of the township, at the cor. secs.
 25, 30, 31, and 36, heretofore described.
 Thence:
 S. $89^{\circ}50'$ E., on true line, bet. secs. 30 and 31.
 Over broken NW. slope through scattered timber and under-
 growth.

1.70 Top of low raise, slopes SW.; thence along S. slope.

64.71 On gradual SW. exposure.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground to bedrock and 10 ins. in a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{l} S30 \\ S31 \end{array}$$
 1928

From which:
 A juniper, 6 ins. diam., bears N. $19^{\circ}15'$ E., 143 lks.
 dist., marked $\frac{1}{4}$ S30 BT.
 A scrub juniper, 6 ins. diam., bears S. 42° W., 64 lks. dist.,
 marked BT.

From this cor., a narrow sandstone partition between two
 windows in sandstone ledge, which I designate windows
 Nos. 1 and 2, bears N. $58^{\circ}30'$ W., about 30 chs. dist.
 From this cor., the line to the E. passes over and along
 the edge of a large sandstone outcropping, with vertical
 ledges from 100 to 300 feet high, over which I am
 unable to chain, I therefore run on traverse line as
 follows.
 S. $64^{\circ}16'$ E., 22.14 chs. dist. At end of this course,
 the top of spur, projects SW., thence:
 N. $81^{\circ}00'$ E., 20.31 chs. dist.; thence:
 North, 6.32 chs. dist. to.

104.71 The cor. secs. 29, 30, 31, and 32.
 Land, broken by sandstone ledges with a general northerly

and southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage,
and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Descend gradual NE. slope of broken mountainous land
through scattered timber and undergrowth.

13.20 Draw, 60 ft. below cor., drains NE.; ascend gradual SE.
slope.

27.00 Sandstone spur, 110 ft. above draw, projects SE.;
descend gradual N. slope.

40.00 On gradual N. slope, 110 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to solid rock and 24 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S30 | S29
1928

From which:

A juniper, 6 ins. diam., bears N. 39°30' E., 24 lks.
dist., marked BT. Tree too scrubby for other markings.

A juniper, 12 ins. diam., bears S. 53°15' W., 150 lks.
dist., marked $\frac{1}{4}$ S30 BT.

54.70 Bottom of box canyon, 2.00 chs. wide, 65 ft. deep, 150
ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend SE. slope.

80.00 On sandstone surfacerock, 70 ft. above bottom of canyon,
mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 19, 20, 29, and 30,
with brass cap marked

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

BRIANC

T24S R22E	
S19	S20 ✓
S30	S29

1928

From which:

- A juniper, 4 ins. diam., bears N. 52°30' E., 68 lks. dist., marked T24S R22E S20 BT.
- A juniper, 3 ins. diam., bears S. 34°15' E., 70 lks. dist., marked BT.
- A juniper, 4 ins. diam., bears N. 24°45' W., 130 lks. dist., marked T24S R22E S19 BT.

No suitable bearing tree in sec. 30 available.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

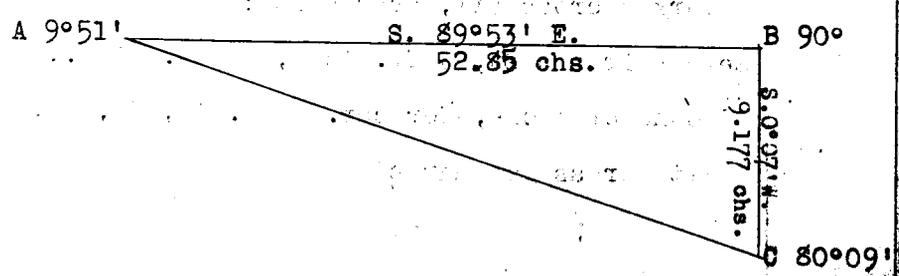
Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°53' E., on random line bet. secs. 20 and 29.

29.80

The inaccessible breaks of Salt Wash make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at the cor. secs. 19, 20, 29 and 30, and flag "B" on line to the E. From flag "B", measure base line "BC", S. 0°07' W., 9.177 chs. dist. and erect flag "C". From "C", flags "AB" subtend an angle of 80°09'. All angles checked by repetition and base line double chained.



SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Distance by triangulation 52.85 chs.
 Distance by return measurement 15.85 chs.
 37.00 chs.

37.00 Thence by direct measurement.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

52.85 To point "B" of triangulation.

79.60 Intersect the cor. secs. 20, 21, 28, and 29.

Thence:

N. $89^{\circ}53'$ W., on true line bet. secs. 20 and 29.

Over broken bench land through scattered undergrowth and timber.

26.75 Top of abrupt descent over rocky SW. slope, bears NW. and SE.

39.80 On surfacerock, 220 ft. below sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with cross cap marked

$$\begin{array}{r} 920 \\ \hline 629 \\ \hline 1928 \end{array}$$

From which:

A juniper, 3 ins. diam., bears N. 10° E., 94 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 30° E., 94 lks. dist., marked BT.

42.60 Top of left rim of Salt wash, bears NW. and SE.

45.00 Approximate distance; small stream, 4 lks. wide, 4 ins. deep, in bottom of Salt wash, flows SE.

49.80 Top of right rim of Salt Wash, bears NW. and SE.; thence over broken bench land.

79.60 The cor. secs. 19, 20, 29, and 30.

Land, broken and mountainous with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°50' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

66.82 Left flag point.

81.69 Base of massive sandstone buttes known as Window Monument; bears NE. and SW. over which I am unable to chain, I therefore return to the 66.82 chains point and run on traverse line as follows:

N. 54°00' W., 33.27 chs. dist., thence:

S. 65°00' W., 12.03 chs. dist. to:

104.64 Intersect the W. bdy. of the township, at a point North, 14.56 chs. dist. from the true point for the cor. secs. 19, 24, 25, and 30, which is North 1.36 chs. and East, 1.72 chs. dist. from the witness cor. to the cor. said secs. The bearing of this line therefore is, N. 89°56' W., and the distance is 104.64 chs.

Thence:

From the true point for the cor. secs. 19, 24, 25, and 30.

S. 89°56' E., on true line, bet. secs. 19 and 30.

Over the inaccessible top of high massive sandstone buttes known as Window Monument.

22.95 Point on E. base of Window Monument; thence over broken bench land through scattered undergrowth and timber,

50.60 Small wash, drains SE.

84.64 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{819}{830}$ /
1928

From which:

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

.800 A juniper, 4 ins. diam., bears S. $34^{\circ}30'$ E., 220 lks. dist., marked $\frac{1}{4}$ S30 BT.

.810 A juniper, 6 ins. diam., bears N. $64^{\circ}30'$ W., 320 lks. dist., marked $\frac{1}{4}$ S19 BT.

65.20 Top of abrupt descent over SE. slope, bears NE. and SW.

83.00 Bottom of canyon, 200 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend abrupt NW. slope.

104.64 The cor. secs. 19, 20, 29, and 30, 220 ft. above bottom of canyon.

Land, broken sandstone ledges and benches with a general northeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage, and black brush.

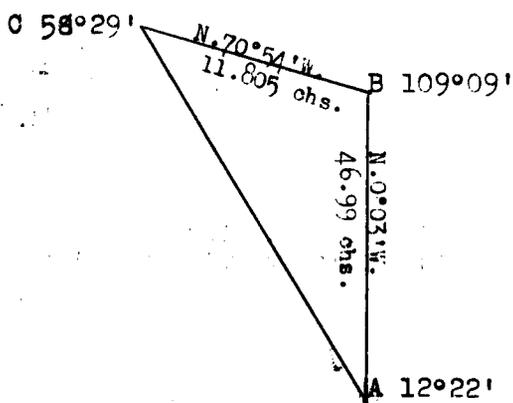
Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}03'$ W., bet. secs. 19 and 20.

Over broken mountainous land through scattered timber and undergrowth.

0.70 The broken breaks of a box canyon make chaining to the N. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. $70^{\circ}54'$ W., 11.805 chs. dist., from which point, flags "A" subtend an angle of $58^{\circ}29'$. All angles checked by repetition and base line double chained.



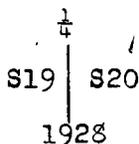
SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Distance on line	.70 chs.
Distance by triangulation	<u>46.99 chs.</u>
Distance by return measurement	<u>7.69 chs.</u>
	40.00 chs.

20.00 Approximate distance; bottom of box canyon, 500 ft. below sec. cor., drains E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



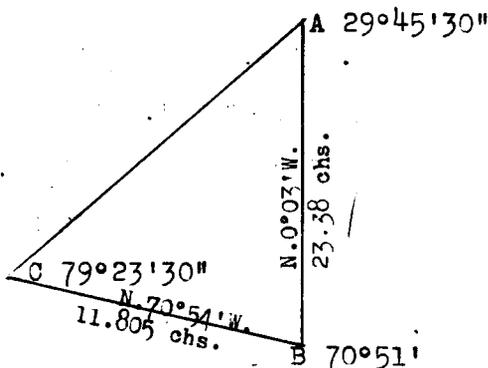
From which:

A juniper, 5 ins. diam., bears N. 80° E., 72 lks. dist., marked $\frac{1}{4}$ S20 BT.

A juniper, 5 ins. diam., bears N. 25° W., 71 lks. dist., marked $\frac{1}{4}$ S19 BT.

Thence by direct measurement.

47.69 To point "B" of triangulation at top of rocky spur, projects E. The line to the N. of this point, follows along the W. side of Salt Wash and over high sandstone ledges which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" on line to the N., and from point, flags "BC" of the previous triangulation, subtend an angle of 29°45'30". All angles checked by repetition.



Distance on line	47.69 chs.
Distance by triangulation	<u>23.38 chs.</u>
	71.07 chs.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

74.07 To point "A" of triangulation at top of spur, projects
E.; descend along NE. slope.

79.92 As the true point for the cor. secs. 17, 18, 19, and 20,
falls on sloping surface rock where it is impracticable
to set a permanent cor., therefore at this point, on
NE. slope, 70 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in
the ground to solid rock and 16 ins. in a mound of
stone, for witness cor. to the cor. secs. 17, 18, 19,
and 20, with brass cap marked.

WC	
T24S	R22E
S18	S17
S19	S20

1928

From which:

A pinon, 6 ins. diam., bears N. 44°45' E., 220 lks.
dist., marked WC T24S R22E S17 BT.

A juniper, 3 ins. diam., bears S. 70°45' E., 26 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 51° W., 157 lks.
dist., marked BT.

A juniper, 5 ins. diam., bears N. 78° W., 90 lks.
dist., marked WC T24S R22E S18 BT.

80.00 True point for the cor. of secs. 17, 18, 19, and 20.
Land, broken by sandstone ledges with a general

northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd. rate.

Undergrowth, scattered shadscale, mountain rush, sage,
and black brush.

Timber, scattered scrub juniper and pinon.

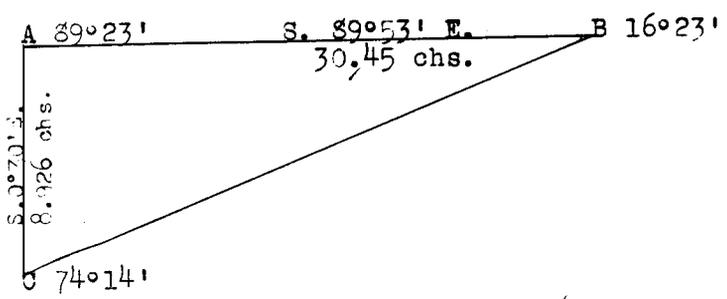
Fair grazing land.

S. 89°53' E., on random line bet. secs. 17 and 20, from
the true point for the cor. secs. 17, 18, 19, and 20,
which is N. 0°03' W., 8 lks. dist. from the witness
cor. to the cor. said secs.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

The line to the E. of this cor. point, passes over the broken breaks of Salt Wash, which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the E. from flag "A", measure base line, S. 0°30' E., 8.926 chs. dist. from which point, flags "AB" subtend an angle of 74°14'. All angles checked by repetition and base line double chained.



Distance by triangulation 30.45 chs.

40.00 Set temp. 1/4 sec. cor.

79.64 Intersect the N. and S. line; 12 lks. N. of the cor. secs. 16, 17, 20, and 21.

Thence:

N. 39°48' W., on true line bet. secs. 17 and 20.

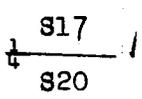
Ascend gradual SE. slope of broken land through scattered undergrowth and timber.

19.70 Spur, 80 ft. above cor., projects S. 15° W.; descend gradually along W. slope.

25.20 Top of E. rim of Salt Wash, bears NW. and SE.; descend broken SW. slope.

39.82 On broken SW. slope, 120 ft. below top of spur, mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked



1928

From which:

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

- A juniper, 3 ins. diam., bears N. 70° E., 79 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. 10°30' W., 112 lks. dist., marked BT.
- 49.19 The line to the W. of this point passes over the broken breaks of Salt Wash.
- 68.00 Approximate distance; bottom of Salt Wash, 200 ft. deep, drains S.; ascend over broken W. breaks of wash.
- 79.64 The true point for the cor. secs. 17, 18, 19, and 20. Land, broken by ledges with a general southerly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, sage, and black brush.
- Timber, scattered scrub juniper and pinon.
- Fair grazing land.
-
- N. 89°56' W., on random line bet. secs. 18 and 19, from the true point for the cor. secs. 17, 18, 19, and 20, which is N. 0°03' W., 8 lks. dist. from the witness cor. to the cor. said secs.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 104.58 Intersect the W. bdy. of the township, 21 lks. N. of the cor. secs. 13, 18, 19, and 24, heretofore described.
- Thence:
- N. 89°57' E., on true line bet. secs. 18 and 19.
- Over broken bench land through scattered undergrowth and timber.
- 11.70 Small wash, drains SE.
- 25.50 Same wash, drains N.
- 44.60 Small wash, drains N.
- 64.58 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and 6 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

unreduced

$$\frac{S18}{S19}$$
 1928

From which:

A juniper, 6 ins. diam., bears S. $64^{\circ}00'$ W., 114 lks. dist., marked $\frac{1}{4}$ S19 BT.

A juniper, 8 ins. diam., bears N. $66^{\circ}30'$ W., 183 lks. dist., marked $\frac{1}{4}$ S18 BT.

Continue over broken bench land.

101.80 Ledge, 30 ft. high, bears N. and S.

104.58 The true point for the cor. secs. 17, 18, 19, and 20.

Land, broken, with a general northeasterly exposure and drainage.

Soil, loose sand and rock; 3rd rate.

Undergrowth, shadscale, mountain rush, rabbit, sage, and black brush.

Timber, scattered scrub juniper and pinon.

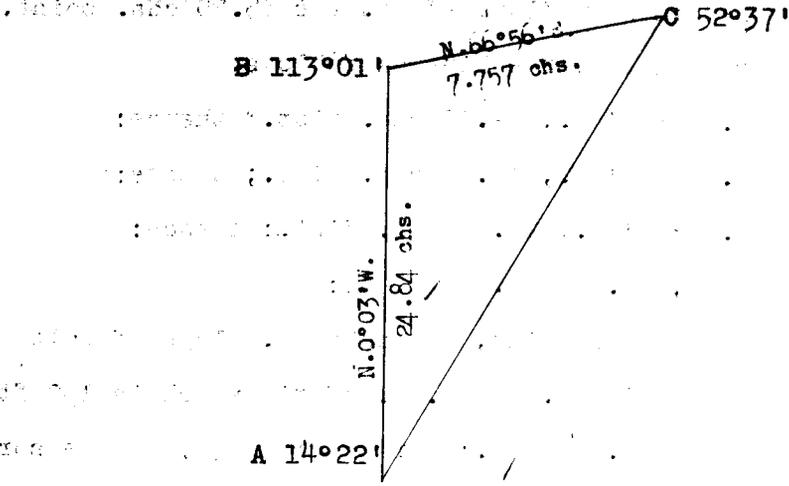
Fair grazing land.

N. $0^{\circ}03'$ W., bet. secs. 17 and 18, from the true point for the cor. secs. 17, 18, 19, and 20, which is N. $0^{\circ}03'$ W., 8 lks. dist. from the witness cor. to the cor. said secs.

The line to the N. of this cor. point, passes over the broken breaks of Salt Wash over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. $66^{\circ}56'$ E., 7.757 chs. dist., from which point, flags "AB" subtend an angle of $52^{\circ}37'$. All angles checked by repetition and base line double chained.

SUBDIVISION OF T. 24 S., R. 22 E.

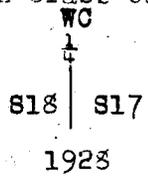
Chains



Distance by triangulation 24.84 chs.

Approximate distances to topography on triangulated distance.

- 9.00 Bottom of Salt Wash, 40 lks. wide, 5 ft. deep, drains SE.
- 12.00 The N. point of spur.
- 15.00 Recross Salt Wash, drains SW.; thence ascend SE. slope over series of ledges which bear NE. and SW.
- 24.84 To point "B" of triangulation at top of spur, projects E.; thence by direct measurement over NE. slope.
- 27.90 Rim of Salt Wash, 100 ft. high, bears NE. and SW.
- 33.10 Recross Salt Wash, 100 lks. wide, 220 ft. below spur, drains SE.; ascend abrupt NE. breaks of wash.
- 35.83 On surfacerock at base of ledge, 200 ft. high, bears NW. and SE., mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 17 and 18, with brass cap marked.



No other suitable accessories available.

40.00 The true point for the $\frac{1}{4}$ sec. cor. falls on sloping face of ledge, where it is impracticable to set cor.

The line to the N. of this point passes over vertical ledges over which I am unable to chain, I therefore

SUBDIVISION OF T. 24S. R. 22E.

Chains

entire

return to a flag left at the 35.20 chs. point, and run on traverse line as follows.

N. $56^{\circ}33'$ W., 14.10 chs. dist.; thence:

N. $17^{\circ}33'$ W., 15.50 chs. dist.; thence:

N. $0^{\circ}03'$ W., 22.25 chs. dist.; thence:

East, 16.42 chs. dist. to:

80.00

Point on true line, on rocky NW. slope of Salt Wash, at a point 7.00 chs. S. of rim which is 150 ft. high, bears NE. and SW.; mark a cross (X) on the surfacerock over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 7, 8, 17, and 18, with brass cap marked

T24S	R22E
S7	S8
S18	S17

1928

No other suitable accessories available.

Land, broken breaks of Salt Wash.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush.

Timber, scattered scrub juniper.

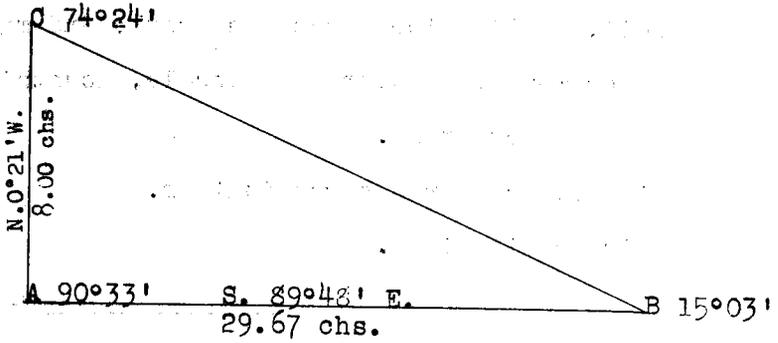
Fair grazing land.

S. $89^{\circ}48'$ E., on random line bet. secs. 8 and 17.

The broken breaks of Salt Wash make chaining to the E. of the cor. secs. 7, 8, 17, and 18 impracticable, I therefore determine the distance by triangulation as follows. It being impossible to see E. from the cor. said secs. I erect flag "A" at a point, N. $89^{\circ}48'$ W., 16.41 chs. dist. from sec. cor. and flag "B" on line to the E. From "A", measure base line "AC", N. $0^{\circ}21'$ W., 8.00 chs. dist., from which point, flags "AB" subtend an angle of $74^{\circ}24'$. All angles checked by repetition and base line double chained.

.SUBDIVISION OF T. 24 S., R. 22 E.

Chains



Distance by triangulation	29.67 chs.
Distance from "A" to sec. cor.	<u>16.41 chs.</u>
	13.26 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.65 Intersect the N. and S. line, 16 lks. N. of the cor.
secs. 8, 9, 16, and 17.

Thence:

N. 89° 41' W., on true line bet. secs. 8 and 17.

Descend gradual SW. slope of broken bench land through scattered timber and undergrowth.

39.825 On broken SW. slope of surfacerock, 50 ft. below sec. cor. mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{S8}{4}$
 S17
 1928

From which:

A juniper, 3 ins. diam., bears S. 46° W., 109 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 77° W., 45 lks. dist., marked BT.

Continue over broken SW. slope.

65.39 Top of S. rim of Cash Valley and breaks of Salt Wash, bears NE. and SW.; thence descend abruptly over broken sandstone ledges.

79.65 The cor. secs. 7, 8, 17, and 18, 520 ft. below rim. Land, broken by ledges with a general southwesterly exposure and drainage.

.SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, sage,
and black brush.

Timber, scattered scrub juniper.

Fair grazing land.

S. $89^{\circ}57'$ W., on random line bet. secs. 7 and 18.40.00 Set temp. $\frac{1}{4}$ sec. cor.104.43 Intersect the W. bdy. of the township, 12 lks. N. of the
cor. secs. 7, 12, 13, and 18, heretofore described:

Thence:

N. $89^{\circ}53'$ E., on true line bet. secs. 7 and 18.Over broken bench land through scattered undergrowth and
timber.

9.90 Trail, bears NE. to Wolf Ranch and SW. to Moab, Utah.

14.34 Five strand barbed wire fence, bears N. and S.

35.60 Sandy spur, projects N.

46.40 Small draw, drains NE.

49.90 Small spur, projects NE.

64.43 On gradual SW. slope, 170 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
$$\frac{1}{4} \frac{S7}{S18}$$

1928

From which:

A juniper, 6 ins. diam., bears S. 82° W., 6.14 chs.
dist., marked $\frac{1}{4}$ S18 BT.

No other suitable bearing trees available.

Deposit a sandstone, 9 x 8 x 6 ins., at base of post,
marked with a cross (X).

72.00 Small spur, projects SE.

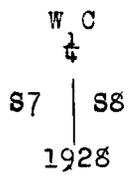
75.40 Enter bottom lands of Salt Wash, bears NW. and SE.;
thence across nearly level land.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

- 54.80 Bottom of Salt Wash, drains SW.; ascend over broken NW. slope.
- 104.43 The cor. secs. 7, 8, 17, and 18, 230 ft. above Salt Wash. Land, broken with a general easterly exposure and drainage.
Soil, shallow loose sand and rock; 3rd rate.
Undergrowth, scattered shadscale, mountain rush, sage, and black brush.
Timber, scattered scrub juniper and pinon.
Fair grazing land.

- N. 0°03' W., bet. secs. 7 and 8.
Descend abruptly over broken NW. slope through scattered timber and undergrowth.
- 8.00 Base of abrupt descent over ledges, 200 ft. below cor., bears NE. and SW.; thence over nearly level bottom lands of Salt and Cash Valley Washes.
- 15.30 Cash Valley Wash, 50 lks. wide, 2 ft. deep, drains SW.
- 18.90 Bend in Cash Valley Wash, drains SE. from the NE.
- 34.70 Lone cottonwood tree, bears west of line, 10 lks. dist.
- 37.50 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 7 and 8, with brass cap marked



From which:

A lone cottonwood, 9 ins. diam., bears S. 1°W., 282 lks. dist., marked WC $\frac{1}{4}$ S7 BT.
No other bearing tree available.
Deposit a sandstone, 9 x 7 x 6 ins., at base of post, marked with a cross (X).
Continue over nearly level land.

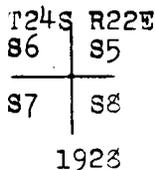
SUBDIVISION OF T. 24 S., R. 22 E.

Chains

acres

- 39.10 Left bank of Salt Wash, wash drains SW., bank bears NE. and SW.; thence along bottom of Salt Wash.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in bottom of Salt Wash, were it is impracticable to set a permanent cor.
- 52.90 Mouth of Winter Camp Wash, drains from the NE.
- 54.90 Right bank of Salt Wash, bears E. and W.; continue over nearly level bottom lands.
- 60.40 Trail, bears E. to Winter Camp and W. to Wolf Ranch.
- 72.80 Small spur, projects W.
- 74.26 The NE. cor. of log cabin at Wolf Ranch, bears S. $34^{\circ}12'$ W. 7.91 chs. dist. Size of cabin is 16 x 18 feet.
- 76.00 Small wash in draw, drains SW.
- 80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 5, 6, 7, and 8, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No bearing trees available.

Land, S. 8.00 chs. is broken ledges; remainder of mile is nearly level bottom lands of Salt and Cash Valley Washes.

Soil, deep sand and clay loam in bottom lands.

Undergrowth, scattered blackbrush.

Timber, a few scattered cottonwood.

Fair grazing land.

S. $89^{\circ}41'$ E., on random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.84 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 4, 5, 8, and 9.

Thence:

N. $89^{\circ}40'$ W., on true line bet. secs. 5 and 8.

SUBDIVISION OF T. 24 S., R. 22 E.

- Descend gradually over W. slope into Winter Camp Wash through scattered undergrowth and timber.
- 2.65 Left rim of Winter Camp Wash, bears NE. and SW.
- 4.50 Bottom of Winter Camp Wash, 100 lks. wide, 200 ft. deep, drains SW.
- 6.65 Right rim of Winter Camp Wash, bears NE. and SW.
- 39.92 On rolling land, 100 ft. below sec. cor.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|---|
| S5 | / |
| $\frac{1}{4}$ | — |
| S8 | |
- 1928
- Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- 48.00 Trail, bears N. and S.
- 53.30 Small spring of fair water, bears south of line, 2.00 chs. dist. A very small stream from this spring drains S.
- 69.30 Small spur, projects SW.
- 75.40 Small draw, drains SW.
- 77.80 Small draw, drains SW.
- 79.34 The cor. secs. 5, 6, 7, and 8.
 Land, rolling, with a general southwesterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered blackbrush.
 Timber, a few scattered scrub juniper.
 Fair grazing land.
-
- S. 89°53' W., on random line bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

- 104.30 Intersect the W. bdy. of the township, 6 lks. S. of the cor. secs. 1, 6, 7, and 12, heretofore described.
Thence:
N. 89°55' E., on true line bet. secs. 6 and 7.
Over broken land through scattered timber and undergrowth.
- 5.50 Small draw, drains SE.
- 9.60 Trail, bears NE. to Salt Valley and SW. to Fresh Water.
- 26.60 Small spur, projects SW.; thence descend gradual SE. slope.
- 43.20 Base of descent over SE. slope; thence over rocky bench land.
- 64.30 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|---|
| S6 | / |
| $\frac{1}{4}$ | — |
| S7 | |
- 1928
- From which:
- A juniper, 3 ins. diam., bears N. 10° E., 86 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. 27° W., 30 lks. dist., marked BT.
- 73.60 Right rim of Salt Wash, bears NW. and SE.; thence descend gradual SE. slope.
- 79.60 Small stream in bottom of Salt Wash, 10 lks. wide, 2 ins. deep, flows SE.
- 81.80 Left bank of Salt Wash, bears SE. and NW.; thence along level bottom lands.
- 90.40 Left rim of Salt Wash, bears SE. and NW.
- 102.50 Small spur, projects SW.
- 104.30 The cor. secs. 5, 6, 7, and 8.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

Land, rolling and broken, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush.

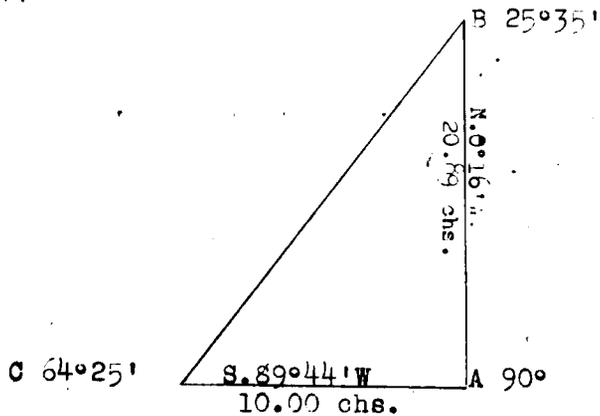
Timber, scattered scrub juniper.

Fair grazing land.

N. 0°16' W., on random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

58.79 High sandstone rim makes chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC", S. 89°44' W., 10.00 chs. dist., from which point flags "AB" subtend an angle of 64°25'. All angles checked by repetition and base line double chained.



Distance on line	58.79 chs.
Distance by triangulation	<u>20.89 chs.</u>
	79.68 chs.

79.68 To point "B" of triangulation and at a point on the N. boundary of the township, 12 lks. E. of the cor. secs. 5, 6, 31, and 32, herefore described.

Thence:

S. 0°21' E., on true line bet. secs. 5 and 6.

Over high inaccessible sandstone ledges through scattered undergrowth and timber.

SUBDIVISION OF T. 24 S., R. 22 E.

Chains

- 20.89 Top of high sandstone rim, 500 ft. above sec. cor., bears SE. and NW.; thence across nearly level bench.
- 33.10 Enter broken surfacerock, bears NE. and SW.
- 39.68 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S6 | S5
 1928

From which:

- A juniper, 3 ins. diam., bears N. $36^{\circ}30'$ E., 148 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N. 84° W., 102 lks. dist., marked BT.
- 66.30 Leave surfacerock, bears NE. and SW.; thence over broken bench land.
- 66.32 Small spring of good water, bears E., about 300 chs. dist.
- 79.68 The cor. secs. 5, 6, 7, and 8, 380 ft. below the $\frac{1}{4}$ sec. cor.
- Land, broken by ledges with a general northerly and southwesterly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, sage, and black brush.
- Timber, scattered scrub juniper.
- Fair grazing land.

MEANDERS, T. 24 S., R. 22 E.

MEANDERS LEFT BANK COLORADO RIVER, DOWN STREAM.

From the meander cor. of secs. 25 and 30, on left bank of the Colorado River and on the E. boundary of the township, which is an iron post, 1 in. diam., extending 12 ins. above ground, with brass cap marked.

Onaine

MC

S25	S30
R22E	R23E
T24S	

1915

Witnessed by a mound of stone, 2½ ft. base, 2 ft. high,
S. of cor.

Thence, with meanders in sec. 25.

Along broken shore line through very dense undergrowth.

S. 74°00' W., 2.50 chs.

S. 62°30' W., 6.10 chs.

S. 75°45' W., 7.10 chs.

S. 73°30' W., 12.30 chs.

S. 70°00' W., 4.60 chs.

S. 51°00' W., 2.80 chs.

S. 34°00' W., 1.70 chs. At end of this course, mouth
of draw from the S.

S. 63°30' W., 2.60 chs.

N. 87°00' W., 6.10 chs.

S. 73°15' W., 4.10 chs.

S. 65°30' W., 4.40 chs.

S. 70°00' W., 5.60 chs. to the true point for the
meander cor. secs. 25 and 36, which is west, 20 lks.
dist. from the witness cor. to the meander cor. of
said secs.

Land, broken shore line.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 36, from the true cor. point.

Along broken shore line through very dense undergrowth.

S. 84°00' W., 1.80 chs.

S. 69°30' W., 11.40 chs.

MEANDERS, T. 24 S., R. 22 E

Chains

S. 78°30' W., 5.70 chs.

S. 87°00' W., 4.10 chs.

N. 86°30' W., 2.10 chs. to true point for the meander cor. secs. 35 and 36, on left bank of river, which is N. 0°01' W., 9 lks. dist. from the witness cor. to the cor. said secs.

Land, broken shore line.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence, in sec. 35, from true point for cor.

Along broken shore line through dense undergrowth.

N. 77°00' W., 3.10 chs.

S. 71°00' W., 0.80 chs.

N. 50°15' W., 7.90 chs. to the meander cor. secs. 26 and 35, on the left bank of the river.

Land, broken.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, dense willows and squaw brush.

No timber.

Fair grazing land.

Thence, in sec. 26.

Along broken shore line through dense undergrowth.

N. 14°30' W., 1.30 chs.

N. 28°45' W., 4.60 chs.

N. 32°00' W., 2.00 chs.

N. 37°15' W., 3.30 chs.

N. 26°30' W., 1.40 chs.

N. 51°30' W., 7.30 chs. At 1.80 chs. on this course, the mouth of Castle Wash, drains from the S.

QUALITY

S. 89°00' W., 4.90 chs.

S. 73°00' W., 7.50 chs.

S. 42°45' W., 8.30 chs.

S. 78°30' W., 5.70 chs.

N. 47°15' W., 16.60 chs.

N. 53°15' W., 12.80 chs.

N. 85°00' W., 4.00 chs.

S. 74°15' W., 8.76 chs. to the true point for the meander cor. secs. 26 and 27, on left bank of river, which is N. 0°01' W., 33 lks. dist. from the witness cor. to the cor. said secs.

Land, broken.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 27, from the true point for cor.

Along rocky shore line through dense undergrowth.

N. 80°45' W., 8.10 chs.

S. 71°45' W., 37.50 chs.

S. 89°30' W., 9.90 chs.

S. 78°15' W., 12.60 chs.

S. 58°45' W., 14.70 chs.

S. 49°15' W., 2.40 chs. to the meander cor. secs.

27 and 28, on the left bank of the river.

Land, broken.

Soil, loose sand and rock; 3rd rate.

Undergrowth, dense willows and squaw brush.

No timber.

Fair grazing land.

MEANDERS, T. 24 S., R. 22 E.

chains

BRAND

Thence, in sec. 28.
Over rocky shore line through dense undergrowth.

S. 36°44' W., 84 lks. to the meander cor. secs. 28
and 33.

Land, broken.

Soil, loose sand and rock; 3rd rate.

Undergrowth, dense willows and squaw brush.

No timber.

Fair grazing land.

Thence, in sec. 33.

Over rocky shore line through dense undergrowth.

S. 59°00' W., 6.30 chs.

S. 51°30' W., 18.20 chs.

S. 78°00' W., 10.00 chs.

S. 62°00' W., 9.50 chs.

S. 9°00' W., 2.70 chs.

S. 42°45' W., 7.50 chs.

S. 73°00' W., 20.10 chs.

S. 42°00' W., 2.90 chs.

S. 20°00' W., 5.90 chs.

S. 60°45' W., 2.00 chs.

S. 54°30' W., 6.60 chs.

S. 39°15' W., 3.70 chs.

S. 24°00' W., 5.40 chs.

S. 11°45' W., 7.30 chs.

S. 4°13' E., 11.58 chs. to the meander cor. secs.

4 and 33, on the left bank of the river and on the
S. boundary of the township, which is an iron post,
1 in. diam., set, marked, and witnessed as described
in the finished notes of the survey T. 25 S., R. 22 E.

Land, broken shore line.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, dense willows and squaw brush.

No timber. Fair grazing land.

MEANDERS, T. 24 S., R. 22 E.

Chains

MEANDERS OF RIGHT BANK COLORADO RIVER, DOWN STREAM.

From the meander cor. of secs. 25 and 30, on the right bank of the Colorado River and on the E. boundary of the township, which is an iron post, 1 in. dia., extending 10 ins. above ground, with brass cap marked

T24S	
R22E	R23E
S25	S30

MC

1915

Witnessed by a mound of stone, 2½ ft. base, 2 ft. high to the N. of cor.

Thence; with meanders in sec. 25.

Along broken shore line through **very** dense undergrowth.

S. 62°00' W., 11.70 chs.

S. 72°00' W., 5.20 chs.

S. 76°30' W., 6.00 chs.

S. 75°00' W., 4.30 chs.

S. 86°00' W., 6.70 chs.

N. 87°45' W., 9.80 chs.

S. 53°00' W., 7.70 chs.

S. 39°00' W., 4.70 chs.

S. 68°00' W., 10.50 chs.

S. 76°30' W., 6.60 chs.

S. 74°30' W., 7.50 chs.

S. 89°00' W., 5.30 chs. to the meander cor. secs.

25 and 26, on the right bank of the river.

Land, broken shore line.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 26.

Along gravelly shore line through very dense undergrowth.

MEANDERS, T. 24 S., R. 22 E.

Chains

- N. 63°45' W., 3.90 chs.
- N. 26°45' W., 16.20 chs.
- N. 70°45' W., 7.50 chs.
- S. 84°15' W., 28.40 chs.
- N. 62°00' W., 14.50 chs.
- N. 56°30' W., 9.50 chs.
- S. 87°00' W., 7.30 chs.
- S. 87°59' W., 5.64 chs. to the meander cor. secs.

26 and 27 on the right bank of the river.

Land, gravelly shore line.

Soil, deep sand, gravel, and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 27.

Along rocky shore line through dense undergrowth.

- S. 76°00' W., 3.30 chs.
- S. 30°45' W., 9.10 chs.
- S. 70°45' W., 25.20 chs.
- S. 77°30' W., 6.40 chs.
- S. 85°15' W., 19.20 chs.
- S. 78°00' W., 13.80 chs.
- S. 52°00' W., 6.96 chs. to the meander cor. secs.

27 and 28, on the right bank of the river.

Land, rocky shore line.

Soil, deep loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in secs. 28.

Along rocky shore line through dense undergrowth.

- S. 46°30' W., 11.89 chs. to the meander cor. secs.

28 and 33.

MEANDERS, T. 24 S., R. 22 E.

Chains

Land, rocky.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 33.

Along rocky shore line through dense undergrowth.

S. 47°45' W., 31.70 chs.

S. 62°00' W., 5.10 chs.

S. 43°30' W., 10.30 chs.

S. 51°45' W., 12.40 chs.

S. 79°30' W., 5.00 chs.

S. 69°00' W., 5.00 chs. At 5.00 chs. on this course,
the mouth of Salt Wash, drains
from the E.

S. 24°51' W., 17.66 chs. to the meander cor. of secs.
32 and 33 on the right bank of the river.

Land, rocky shore line.

Soil, loose sand and rock; 3rd rate.

Undergrowth, very dense willows and squaw brush.

No timber.

Fair grazing land.

Thence in sec. 32.

Along rocky shore line through dense undergrowth.

S. 16°15' W., 6.30 chs.

S. 40°45' E., 7.40 chs.

S. 5°17' W., 10.20 chs. to the meander cor. of secs.

5 and 32, on the S. boundary of the township, which
is an iron post, 1 in. diam., set, marked, and witness-
ed as described in the finished notes of the
survey T. 25 S., R. 22 E.

Land, rocky shore line.

Soil, loose sand and rock; 3rd rate.

MEANDERS, T. 24 S., R. 22 E.

Undergrowth, very dense willows and squaw brush.
 No timber.
 Fair grazing land.

CLOSING ERRORS, T. 24 S., R. 22 E.

Lines designated	True bearings	Distances	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
S. Bdy. T24S R22E	S. 89°50'E	188.80	.....	.55	188.80	.....
	East	316.00	.....	.....	316.00	.....
E. Bdy. T24S R22E	North	480.00	480.00	.....	.....	.....
N. Bdy. T24S R22E	West	503.75	.....	.....	.....	503.75
W. Bdy. T24S R22E	South	480.00	.....	480.00	.....	.....
Convergency	West	.58	.....	.....	.....	.58
			480.00	480.55	504.80	504.33
				480.00	504.33	
Errors in latitudes and departures				0.55	0.47	

GENERAL DESCRIPTION, T. 24 S., R. 22 E.

This township in general, is very rough and broken, and has a general southerly and southwesterly exposure and drainage. It consists mostly of high benches and mesas which are broken by the breaks of the Colorado River and Salt Wash. In most places, the benches and mesas are rimmed by high nearly perpendicular ledges which are inaccessible. Nearly all of the township is of a sandstone formation.

The soil in most places, consists of a shallow loose sand and rock, underlayed with sandstone bedrock, and may all be classified as third rate.

The timber throughout the township, consists of a scattered growth of scrub juniper and pinon.

The undergrowth consists of a scattered growth of shadscale, mountain rush, sage, and black brush. Along the right and left banks of the Colorado River, a dense growth of willows and squaw brush was found.

The only permanent streams of water in the township, are

GENERAL DESCRIPTION, T. 24 S., R. 22 E.

the Colorado River and Castle Creek. The Colorado River is a stream of very muddy water about 5.00 chs. wide, and 4 feet deep, which enters the township on the east boundary of section 25, and flows in a southwesterly direction, leaving the township on the south boundary of sections 32 and 33. Castle Creek is a stream of clear water, about 10 lks. wide, and 4 inches deep, which enters the township on the south boundary of section 36, and flows in a northerly direction to the Colorado River. Small intermittent streams of water were found along the bottom of Salt Wash. The only other permanent water found in the township, are small springs and seeps located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5; NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8; and SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34. At the time of the survey, the only settler living in the township was Carrlos Wilcox, who has a ranch located in the SE $\frac{1}{4}$ of sec. 26 and the NE $\frac{1}{4}$ sec. 35. The improvements of this ranch consists of 25 acres of cultivated land, a three room log house, one shed for shelter of stock, and about 2 miles of fencing. The cultivated land was being irrigated from the water from Castle Creek, and the crops raised were hay and grain. Except roads and trails the only other improvements found in the township, were, a one room log cabin, located in the NE $\frac{1}{4}$ sec. 7 and about 1 mile of fencing. This cabin is owned by Marvin Turnbow of Moab, Utah, and it is called "Wolf Ranch". At the time of the survey, this ranch was deserted. A road which can be traveled by an automobile is located along the bottom lands of the left bank of the Colorado River. Most portions of the township can be reached by trails which were found throughout the township. No portions of the township are suitable for farming except a few of the bottom lands along the Colorado River, and these lands have to be irrigated to produce

GENERAL DESCRIPTION, T. 24 S., R. 22 E.

crops. The only water available for the irrigation of the uncultivated portion of these lands, is the Colorado River, and it is not practicable to use this water on account of the high cost of diverting the water from the river.

The township in general is suitable for winter range for stock, and it is being used for this purpose. The township will afford grazing for approximately seventy-five head of cattle and one-thousand head of sheep. At the time of the survey, the township was found to be over grazed.

No indications of coal, oil, oil shale, or mineral were found on the township.

The magnetic declination was not taken on account of a defective needle.

BOOK A-499

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
George Hurlburt	Chainman
Philander Maxwell	Chainman
Joel R. Huff	Chainman
Allen Peck	Flagman
Richard Weiler	Flagman
Walter Bockholt	Cornerman
W. Dexter Fales Jr.	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.

Chas. F. Moore, and

we, Robert C. Yundt, U. S. Surveyor, hereby certify upon honor that, in pursu-

District Cadastral Engineer

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 17th day of February, 1928, we have well, faithfully, and

our in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Ins-

tions, and the laws of the United States, surveyed all those parts or portions of North, East,

South, and West boundaries, the subdivision and meanders of the

right and left banks of the Colorado River, all in T. 24 S.,

R. 22 E.

of the Salt Lake Bas

and Meridian, in the State of Utah, which are represente

the foregoing field notes as having been executed by me, and under my direction, and that all the corne

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Ins-

District Cadastral Engineer

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field not such survey.

Certified to at: Salt Lake City, Utah. January 15, 1931.

Chas. F. Moore, U.S. Surveyor. Robert C. Yundt, U.S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

DENVER, COLORADO DEC 3, 1931

The foregoing field notes of the survey of the North and West boundaries, portions of the East and South boundaries, the subdivision, and the meanders of the right and left banks of the Colorado River, all in T. 24 S., R. 22 E., Salt Lake Base and Meridian, Utah.

executed by Chas. F. Moore and Robert C. Yundt, U.S. Surveyors their

under his special instructions dated February 17, 1928, having critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

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RECEIVED

MAR 11 1931
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

BOOK A-499

FIELD NOTES

OF THE SURVEY OF THE

EAST AND WEST BOUNDARIES AND SUBDIVISION, AND ESTABLISHMENT

QUARTER-SECTION CORNERS ON NORTH BOUNDARY

OF

T. 23 S., R. 22 E.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Chas. F. Moore

and

Robert C. Yundt

In the capacity of U. S. Surveyor, under instructions dated February 17, 1928,
District Cadastral Engineer
issued by the United States ~~Surveyor General~~ to govern surveys included in
Group No. 189, which were approved by the Commissioner of the General Land
Office, March 8, 1928. Assignment instructions dated
July 14, 1928.

Survey commenced September 18, 1928.

Survey completed October 19, 1928.

INDEX DIAGRAM.

		Township 23 South				Range 22 East.						
		104	103	102	101	101						
22	6	100	5	77	4	62	3	49	2	35	1	12
	29		28		76		61		48		34	
21	7	95	8	75	9	60	10	47	11	33	12	11
	12		39		74		59		46		32	
20	18	93	17	73	16	58	15	44	14	31	18	10
	32		21		71		57		43		30	
17	19	88	20	69	21	55	22	42	23	29	24	8
	37		35		68		54		40		28	
15	20	83	29	66	28	53	27	39	26	26	25	7
	42		31		65		52		38		25	
14	31	78	32	63	33	51	34	36	35	24	36	5

DATE DIAGRAM

	10-19-28	10-19-28	10-19-28	10-19-28	10-19-28	10-19-28
10-18-28	6	5	4	3	2	1
10-18-28	10-18-28	10-15-28	10-9-28	10-18-28	10-18-28	10-18-28
10-5-28	7	8	9	10	11	12
10-6-28	10-6-28	10-2-28	9-29-28	10-17-28	10-16-28	10-6-28
10-5-28	18	17	16	15	14	13
10-3-28	10-2-28	9-26-28	9-26-28	10-4-28	9-28-28	9-28-28
10-4-28	19	20	21	22	23	24
10-3-28	9-25-28	9-25-28	9-22-28	9-29-28	9-28-28	9-28-28
10-2-28	30	29	28	27	26	25
10-1-28	10-1-28	9-20-28	9-19-28	9-18-28	9-21-28	9-19-28
10-1-28	31	32	33	34	35	36
	9-22-28	9-20-28	9-19-28	9-19-28	9-19-28	9-19-28

All lines colored red were surveyed by Chas, F. Moore,
U.S. Surveyor.

All lines colored black, were surveyed by Robert C. Yundt,
U.S. Surveyor.

Survey commenced September 18, 1928, and executed with Buff and Buff transits, No. 9220 used by Chas. F. Moore, U.S. Surveyor, and No. 9797 used by Robert G. Yundt, U.S. Surveyor.

The instruments were approved for use on this survey, conditional upon satisfactory field tests, by the District Cadastral Engineer for Utah, in assignment instructions dated July 14, 1928.

The instruments are equipped with Smith solar attachment and full vertical circle. The horizontal limbs are each provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and the vertical circle.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours; with a meridian determined by observations made on Polaris, we proceed as follows.

September 17, 1928: Stationed near the cor. of secs. 7, 8, 17, and 18, T. 24 S., R. 22 E., Salt Lake Base and Meridian, Utah, in approximate latitude $38^{\circ}44'$ N. longitude $109^{\circ}32'$ W., with instrument No. 9220 at 7h 53.2m p.m. local mean time, we observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed position and mark the mean point in the line thus determined by a stake driven firmly in the ground, about 10 chains to the N. of our station.

September 18, 1928: At 9h 00m a.m. apparent time, we lay off the azimuth of Polaris, $1^{\circ}23'30''$ to the W. and mark the meridian thus determined by a stake driven firmly in the ground about 10 chains N. of our station.

then, with both instruments in the meridian, we set off $1^{\circ}48'30''$ N., on the declination arcs, $38^{\circ}44'$ N., on the latitude arcs, and determine meridians with the solars, which we find to agree with the true meridian.

At apparent noon, with instrument No. 9220, we make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	$53^{\circ}01'30''$
Reduced latitude	$38^{\circ}44'$ N.
Mean watch time of observation	11h 55m 4s
Watch fast of local mean time	0h 0m 55s

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $1^{\circ}45'$ N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time, with the latitude arcs unchanged, we set off $1^{\circ}43'$ N., on the declination arcs, and determine meridians with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work agree with the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of the survey, frequent tests being made on meridians determined by direct observations on the sun, the record of which does not appear in these notes.

Near the completion of the survey of this township, we make a final test of the instruments as follows.

October 14, 1928; with the instruments in the meridian determined by observations on Polaris, heretofore described, at 8h 00m a.m. apparent time, we set off $38^{\circ}44'$ N., on the latitude arcs, $8^{\circ}19'$ S., on the declination arcs, and determine meridians with the

solars, which we find to agree with the true meridian. At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $8^{\circ}15' S.$, which agrees with the computed declination of the sun.

At 4h 00m p.m. apparent time, with the latitude arcs unchanged, we set off $8^{\circ}15'00'' S.$ on the declination arcs, and determine meridians with the solars, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work agree with the true meridian, we conclude that the instruments are still in satisfactory adjustment.

MEASUREMENTS.

Unless other specified, all measurements are made with Lallie steel ribbon tapes, 8 chains in length and found correct, being tested with a Lufkin standard steel tape, 1 chain in length. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE.

South boundary: The south boundary of this township was run random and true from the cor. of Ts. 23 and 24 S. Rs. 22 and 23 E. to the bend. Ts. 23 and 24 S., Rs. 21 and 22 E. The course of this boundary is West, and the distance is 503.75 chs. This boundary was surveyed in conjunction with the survey of T. 24 S., R. 22 E., of this group. For official records of the survey of this boundary, see official records of the survey of T. 24 S., R. 22 E.

METHOD AND ORDER OF PROCEDURE.

East boundary: The east boundary was run north to an intersection with the south boundary of sec. 36, T. 22 S., R. 22 E., where the closing cor. of T. 23 S., Rs. 22 and 23 E. was set. The course of this boundary is North, and the distance is 482.91 chs.

North boundary: The south boundary of T. 22 S., R. 22 E. forms the north boundary of the major portion of T. 23 S., R. 22 E. This boundary was surveyed by Howard W. Miller, U.S. Transitman in 1911, the course being West, and the distance 478.30 chs.

West boundary: This boundary was run north to an intersection with a line projected W. from the cor. of Ts. 22 and 23 S., Rs. 21 and 22 E., where the closing cor. of T. 23 S., Rs. 21 and 22 E. was set. The course of this boundary is north and the distance is 482.78 chs.

Subdivision: The township was subdivided in the regular manner, from the south to the north and from the east to the west. The fractional distances were placed against the north and west boundaries of the township. At the intersect of the subdivisional lines with the north boundary of the township, closing cors. were set, and $\frac{1}{4}$ sec. cors. were set midway bet. the closing cors., except on the north boundary of sec. 6 where it is established 40.00 chs. from the east. The marks on the original cors. on the north boundary, were changed to refer to T. 22 S., R. 22 E. only.

SURVEY OF THE EAST BOUNDARY, T. 23 S., R. 22 E.

From the cor. of Ts. 23 and 24 S., Rs. 22 and 23 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 24 S., R. 22 E. of this group.

North, bet. secs. 31 and 36.

SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

Descend gradual NE. slope of broken bench land through scattered timber and dense undergrowth.

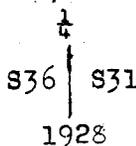
9.50 Draw, 60 ft. below cor., drains NW.; ascend gradual SW. slope.

21.00 Spur, 20 ft. above draw, projects NW.; descend gradual NE. slope.

36.80 Draw, 20 ft. below spur, drains NW.; ascend gradual SW. slope.

40.00 On gradual SW. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

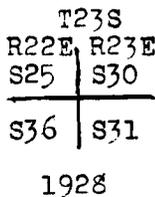
A juniper, 6 ins. diam., bears N. 62° E., 27 lks. dist., marked $\frac{1}{4}$ S31 BT.

A juniper, 10 ins. diam., bears S. $17^{\circ}30'$ W., 36 lks. dist., marked $\frac{1}{4}$ S36 BT.

42.40 Ridge, 10 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradual NE. slope.

80.00 On gradual NE. slope, 140 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, with brass cap marked



From which:

A pinon, 10 ins. diam., bears N. $33^{\circ}30'$ E., 72 lks. dist., marked T23S R23E S30 BT.

A juniper, 6 ins. diam., bears S. 43° E., 215 lks. dist., marked T23S R23E S31 BT.

A pinon, 5 ins. diam., bears S. 28°45' W., 275 lks.
dist., marked 1930 836 BT.

A scrub juniper, 5 ins. diam., bears N. 34° W., 315
lks. dist., marked 825 BT.

Land, broken and rolling, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand and surfacerock; 1st rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 25 and 30.

Descend gradually over rolling NE. slope through scattered
timber and undergrowth.

10.30 Draw, 20 ft. below cor., drains NE.; ascend gradual SE.
slope.

40.00 On gradual SE. slope, 75 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground to bedrock and 1 1/2 ins. in a wound of stone,
for 1/2 sec. cor., with brass cap marked



From which:

A juniper, 6 ins. diam., bears N. 6° E., 75 lks.
dist., marked 1/2 836 BT.

A juniper, 10 ins. diam., bears N. 43°15' W., 75 lks.
dist., marked 1/2 825 BT.

41.60 Ridge, 10 ft. above the 1/2 sec. cor., bears NW. and SE.;
descend gradual NE. slope.

61.00 Draw, 70 ft. below ridge, drains SW.; ascend gradual SE.
slope.

80.00 On gradual SE. slope, 40 ft. above draw.

SURVEY OF THE EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone for cor. secs. 19, 24, 25, and 30, with brass cap marked

T23S	
R22E	R23E
S24	S19
S25	S30

1928

From which:

A juniper, 10 ins. diam., bears N. 27°15' E., 36 lks. dist., marked T23S R23E S19 BT.

A juniper, 4 ins. diam., bears S. 31°15' E., 75 lks. dist., marked T23S R23E S30 BT.

A pinon, 12 ins. diam., bears S. 6° W., 110 lks. dist., marked T23S R22E S25 BT.

A juniper, 3 ins. diam., bears N. 45° W., 89 lks. dist., marked BT.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 19 and 24.

Ascend gradual SW. slope of rolling bench land through scattered undergrowth and timber.

25.20 Small draw, drains SW.; continue gradual ascent.

40.00 On gradual SE. slope, 100 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to bedrock and 4 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

†	
S24	S19

1928

From which:

A juniper, 8 ins. diam., bears S. 78°30' E., 139 lks. dist., marked S19 BT.

A juniper, 6 ins. diam., bears S. 60° W., 175 lks. dist., marked S24 BT.

62.00 Spur, 100 ft. above the 1/4 sec. cor., projects SW.; continue gradual ascent.

67.20 Small wash, drains SW.

72.40 Ridge, 10 ft. above spur, bears E. and NW;; descend gradual NW. slope.

80.00 On gradual NW. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 18, 19, and 24, with brass cap marked

T23S	
R22E	R23E
S13	S18
S24	S19

1928

From which:

A pinon, 6 ins. diam., bears N. 13° E., 158 lks. dist., marked T23S R23E S18 BT.

A juniper, 8 ins. diam., bears S. 44°15' E., 190 lks. dist., marked T23S R23E S19 BT.

A juniper, 7 ins. diam., bears S. 51°15' W., 190 lks. dist., marked T23S R22E S24 BT.

A scrub juniper, 5 ins. diam., bears N. 24°30' W., 48 lks. dist., marked BT.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

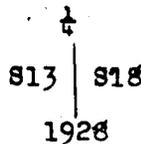
North, bet. secs. 13 and 18.

Descend gradual NW. slope of rolling land through scattered timber and undergrowth.

32.50 Trail, bears NE. and SW.

40.00 On gradual NW. slope of surfacerock, 100 ft. below sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marke



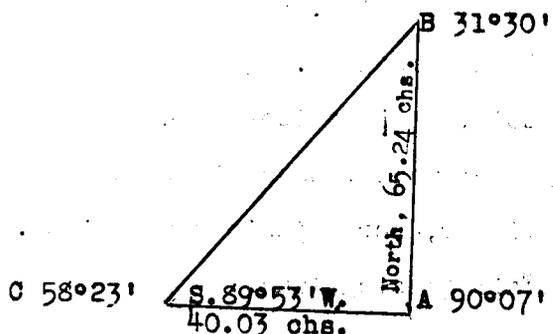
From which:

A pinon, 6 ins. diam., bears N. 35° E., 86 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 4 ins. diam., bears S. 87° W., 55 lks. dist., marked $\frac{1}{4}$ S13 BT.

58.60 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend abrupt SE. slope.

58.80 Base of sandstone ledge, bears NE. and SW., over which I am unable to chain, I therefore determine the distance to top of ledge by triangulation as follows. Erect flag "A" at the cor. secs. 13, 18, 19, and 24, and flag "B" on line N. at top of ledge. From "A" survey base line "AC", S. $89^{\circ}53'$ W., 40.03 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of $58^{\circ}23'$. Vertical angle from "A" to "B" is plus $5^{\circ}15'$. All angles checked by repetition.



SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

Distance by triangulation 65.24 chs.
 Distance by return measurement 1.74 chs.
 Distance on line 63.50 chs.

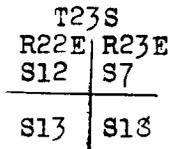
63.50 Top of ledge, 30 ft. high, bears NE. and SW.; ascend gradual SE. slope.

65.24 To point "B" of triangulation.

67.00 Ridge, 10 ft. above ledge, bears NE. and SW.; leave timber and enter large opening on top of high bench, bears NE. and SW.

80.00 In large open park.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 7, 12, 13, and 18, with brass cap marked



Deposit a sandstone, 6 x 5 x 1 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling, with a general northeasterly exposure and drainage.

Shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon on S. 67.00 chs. of mile, no timber on N. portion of mile.

Fair grazing land.

North, bet. secs. 7 and 12.

Over rolling open land on top of high bench, through scattered undergrowth.

35.00 Head of draw, drains NE.

40.00 In large open park.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

512 | 87

1925

Deposit a sandstone, 5 x 4 x 1 ins. at base of post, marked with a cross (X).

No other suitable accessories available.

Continue across open park.

20.00 In open park.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 6, 7, and 12, with brass cap marked.

T23S	
R22E	R23E
S1	S6
<hr/>	
S12	S7

1925

From which:

A lone juniper, 6 ins. diam., bears N. 20°30' W., 223 lks. dist., marked T23S R22E S1 BT.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow loose sand; 2nd rate.

Undergrowth, mountain rush and black brush.

No timber.

Fair grazing land.

North, bet. secs. 1 and 6.

Across open park through scattered undergrowth.

23.70 Small draw, drains NE.

24.00 Leave open park and enter scattered timber, bears NE. and W.

25.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

Chains

$\frac{1}{4}$
 S1 | S6
 1928

From which:

A juniper, 5 ins. diam., bears S. $14^{\circ}45'$ E., 140 lks. dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 3 ins. diam., bears N. 78° W., 99 lks. dist., marked BT.

49.70 Sandstone ledge, 20 ft. high, bears NE. and SW.; descend abruptly over rocky NW. slope.

68.50 Bottom of ^a Sand Arroyo, 230 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradual SE. slope.

82.91 On gradual SE. slope, 100 ft. above ^a Sand Arroyo.

Intersect the S. bdy. of sec. 36, T. 22 S., R. 22 E., West, 7.90 chs. from the original cor. of Ts. 22 and 23 S., Rs. 22 and 23 E., which is an iron post, 3 ins. diam., extending 20 ins. above the ground, with brass cap properly marked for the cor. of Ts. 22 and 23 S., Rs. 22 and 23 E. I efface the marks on the cor. monument that refer to T. 23 S., Rs. 22 and 23 E., and erect a mound of stone, 12 ins. high around cor. As the cor. is not witnessed, I take bearing trees to cor. as follows.

A juniper, 5 ins. diam., bears N. $51^{\circ}45'$ E., 169 lks. dist., marked T22S R23E S31 BT.

A juniper, 5 ins. diam., bears N. $10^{\circ}30'$ E., 33 lks. dist., marked T22S R23E S31 BT.

No suitable bearing tree in T. 22 S., R. 22 E. available.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for closing cor. T. 23 S., Rs. 22 and 23 E., with brass cap marked.

SURVEY OF EAST BOUNDARY, T. 23 S., R. 22 E.

antesc

Chains

T22S R22E
S36

S1	S6
R22E	R23E

T23S
CC
1928

From which:

A juniper, 12 ins. diam., bears S. 86° E., 270 lks. dist., marked T23S R23E S6 CC BT.

A juniper, 6 ins. diam., bears S. 51° W., 98 lks. dist., marked T23S R22E S1 CC BT.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, scattered mountain rush and black brush.

Timber, scattered scrub juniper and pinon on N. portion of mile.

Fair grazing land.

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

From the cor. Ts. 23 and 24 S., Rs. 21 and 22 E., which is an iron post, 3 ins. diam., set, marked and witness as described in the official notes of the survey of T. 24 S., R. 22 E. of this group.

North, bet. secs. 31 and 36.

Ascend gradual SW. slope of broken bench land through scattered timber and undergrowth.

17.40 Spur, 40 ft. above cor., projects S. 80° E.; descend gradual N. slope.

37.70 Draw, 30 ft. below spur, drains NE.; thence over sandstone surfacerock, bears E. and W.

40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

CHAINS

S36 | S31
1928

From which:

- A juniper, 2 ins. diam., bears S. 46°30' E., 21 lks. dist., marked BT.
- A juniper, 4 ins. diam., bears S. 62° W., 4 lks. dist., marked $\frac{1}{4}$ S36 BT.

Continue over broken surfacerock.

70.00 Leave surfacerock, bears NW. and SE.; thence over rolling mesa land.

80.00 On rolling mesa land, 20 ft. above the $\frac{1}{4}$ sec. cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 30, 31, and 36, with brass cap marked

T238
R21E | R22E
S25 | S30

S36 | S31
1928

Deposit a sandstone, 7 x 5 x 2 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 25 and 30.

Over broken and rolling land through scattered timber and undergrowth.

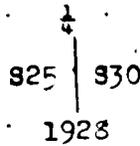
36.00 Enter surfacerock, bears E. and W.

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

Chains

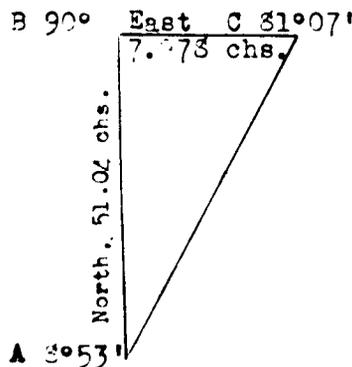
40.00 On surfacerock, 60 ft. below sec. cor., mark a cross (X) over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



No suitable bearing trees available.

43.00 South rim of canyon over which I am unable to chain, bears NE. and SW. To cross canyon, I triangulate as follows. Erect flag "A" at the $\frac{1}{4}$ sec. cor. and flag "B" on line N. From "B", survey base line "BC", East, 7.73 chs. dist. and erect flag "C". From "C", flag "A" subtends an angle of $81^{\circ}07'$ from "B". All angles checked by repetition and base line double chained.



Distance on line	40.00 chs.
Distance by triangulation	51.04 chs.
	<hr/>
Distance of return measurement	11.04 chs.
	<hr/>
	80.00 chs.

49.00 Approximate distance; bottom of canyon, 200 ft. deep, drains NE.; ascend abrupt SE. slope.

50.00 On abrupt SE. slope, in NW. breaks of canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for cor. secs. 19, 24, 25, and 30, with brass cap marked

Chains

T23S	
R21E	R22E
S24	S19
S25	S30

1928

From which:

A point on a sandstone ledge, marked X B0, bears S. 22°30' E., 39 lks. dist. Face of ledge is too broken for additional markings.

A juniper, 4 ins. diam., bears S. 14°45' W., 280 lks. dist., marked T23S R21E S25 BT.

A juniper, 5 ins. diam., bears N. 16°30' W., 62 lks. dist., marked T23S R21E S24 BT.

No suitable bearing tree in sec. 19 available.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 19 and 24.

Ascend gradually over broken SE. slope of NW. breaks of canyon, through scattered timber and undergrowth.

11.04 To point "B" of triangulation as shown on line bet. secs. 25 and 30.

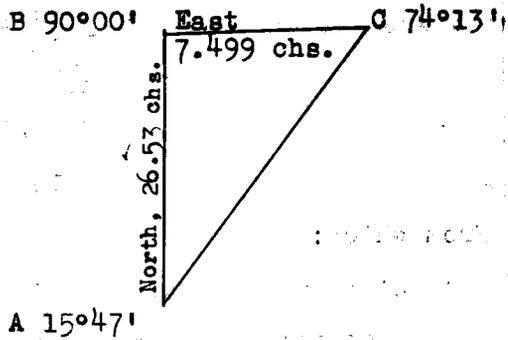
12.80 Ridge, 60 ft. above sec. cor., bears NE. and SW.; descend gradual NW. slope.

22.05 Rim of Salt Wash bears NW. and SE., over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. From "B", survey base line "BC", East, 7.499 chs. dist. and erect flag "C". From "C" flag "B" subtends an angle of 74°13' from "A". All angles checked by repetition and base line double chained.

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

Chains

51120



Distance on line	22.05 chs.
Distance by triangulation	26.53 chs. ✓
	<u>48.58 chs.</u>
Distance by return measurement	8.58 chs.
	<u>40.00 chs.</u>

- 40.00 On broken NE. slope, 250 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S24 | S19
 1928

From which:

- A juniper, 6 ins. diam., bears S. 18°30' E., 47 lks. dist., marked $\frac{1}{4}$ S19 BT.
- A juniper, 3 ins. diam., bears S. 70°15' W., 115 lks. dist., marked BT.
- 41.00 Right bank of Salt Wash, bears NW. and SE.
- 42.00 Bottom of Salt Wash, drains SE.
- 44.60 Left bank of Salt Wash, bears NW. and SE.; thence over bottom lands of Salt Wash.
- 48.58 To point "B" of triangulation.
- 49.30 Left bank of Salt Wash, 20 ft. high, bears SW. and NE.; thence across bend in wash; drain SW. from the NE.
- 50.90 Left bank of Salt Wash, 15 ft. high, bears NW. and SE.; thence over bottom lands of Salt Wash.
- 62.90 Left bank of Cottonwood Wash, 20 ft. high, bears N. 10° E. and S. 10° W.; thence across Cottonwood Wash which drains SW., about 3.00 chs. dist. to junction with Salt Wash.
- 70.50 Right bank of Cottonwood Wash, bears "N. 10° E. and S. 10° W." ascend abruptly.
- 75.60 Sandstone spur, 100 ft. above wash, projects SE.

Chains

75-70 Small seep of water in small draw which drains S., bears East, 1.50 chs. dist.

80.00 True point for the cor. secs. 13, 18, 19, and 24, falls on abrupt E. slope of sandstone spur where it is impracticable to set cor., therefore mark a cross (X) on the surface rock at the exact cor. point, and at a point S. 89°53' E., 3.04 chs. dist. from the true point for said cor., and which point is on line bet. secs. 18 and 19.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 13, 18, 19, and 24, with brass cap marked.

	T23S	
	R21E	R22E
	S13	S18
WC	S24	S19
	1928	

From which:

A mountain ash, 4 ins. diam., bears N. 10°45' E., 112 lks. dist., marked WC T23S R22E S18 BT.

A juniper, 6 ins. diam., bears S. 30°45' E., 89 lks. dist., marked WC T23S R22E S19 BT.

A juniper, 8 ins. diam., bears S. 3°30' E., 99 lks. dist., marked WC T23S R22E S19 BT.

A juniper, 3 ins. diam., bears N. 25° W., 56 lks. dist., marked BT.

No suitable bearing tree available to the SW. of cor. Land, broken and rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, mountain rush, black brush, and greasewood.

Timber, scattered juniper and pinon; scattered cottonwood along bottom lands of Salt Wash and Cottonwood Wash.

Fair grazing land.

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

an1380

Chains

From the true point for the cor. secs. 13, 18, 19, and 24, which is N. 89°53' W., 3.04 chs. from the witness cor. to the cor. said secs.

North, bet. secs. 13 and 18.

Ascend abrupt SW. slope of surfacerock, through scattered timber and undergrowth.

2.35 Top of sandstone rim, 100 ft. above cor., bears NW. and SE. and faces SW.; thence over broken surfacerock.

40.00 On broken land,

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S13	|	S18
1928		

From which:

A juniper, 3 ins. diam., bears N. 48° E., 58 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 54°30' W., 99 lks. dist., marked BT.

Thence over broken rocky points.

66.30 Spur, 70 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradual NW. slope.

80.00 On sandy spur, 10 ft. below last spur, projects NE.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 7, 12, 13, and 18, with brass cap marked

T23S		
R21E	R22E	
S12	|	S7

S13	|	S18
1928		

From which:

A juniper, 3 ins. diam., bears S. 4°15' E., 305 lks. dist., marked BT.

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

Chains

A juniper, 8 ins. diam., bears S. 22°30' W., 488 lks. dist., marked T23S R21E S13 BT.

No other suitable bearing trees available.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, shadscale and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 7 and 12.

Over broken mountainous land through very scattered timber and dense undergrowth.

15.20 Small spur, projects E.

38.71 Small sandstone rim, bears NE. and SW.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

	↓	
S12	S7	
1928		

No suitable bearing trees available.

44.80 Low ridge, 30 ft. above sec. cor., bears NE. and SW.; descend gradual NW. slope.

70.00 Low white sandstone spur, projects W.

80.00 On gradual NW. slope, 50 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 6, 7, and 12, with brass cap marked

T23S	
R21E	R22E
S1	S6
S12	S7
1928	

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

Chains

BR 10

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling and mountainous with a general southeasterly and northwesterly exposure and drainage.

Soil, shallow sand and clay, and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 1 and 6.

Over gradual W. slope of broken land through dense undergrowth.

- 9.00 Low rocky spur, projects SW.
- 14.50 Old road, bears NE. and SW.
- 15.80 Wash, 30 lks. wide, 2 ft. deep, drains SW.
- 20.20 A prospect hole, bears East, about 2.00 chs. dist.
- 22.20 Small rocky spur, projects E.
- 25.90 Wash, 30 lks. wide, 2 ft. deep, drains East, 10 chains to junction with wash which drains SW. Old road in wash, bears E. and W.
- 29.40 Wash, 30 lks. wide, 2 ft. deep, drains SW. Old road in wash, bears NE. and SW.
- 32.00 Small spur, projects E.
- 34.40 Wash, 30 lks. wide, 2 ft. deep, drains SE.
- 37.60 Recross same wash, drains SW.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in bottom of wash, drains NE. where it is impracticable to set a permanent cor.
- 40.33 In old road, bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor, to the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S1 | S6
 WC
 1928

SURVEY OF WEST BOUNDARY, T. 23 S., R. 22 E.

Chains

0.00 Raise a mound of stone; 2 ft. base; 1½ ft. high, W. of cor.

Thence ascend gradually along broken W. slope of rocky spur which projects SW.

65.00 Sandstone rim; 10 ft. high, bears SE: and SW.; thence over level bench land.

82.78 Intersect the S. bdy. of sec. 36, T. 22 S., R. 21 E., at a point, West, 31.87 chs. dist. from the original cor. of Ts. 22 and 23 S., Rs. 21 and 22. E., which is an iron post, 3 ins. diam., extending 12 ins. above ground and surrounded by a mound of stone, with brass cap properly marked:

I efface all marks on the cor. that pertains to T. 23 S., Rs. 21 and 22 E.; and at point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. T. 23 S., Rs. 21 and 22 E., with brass cap marked

T22S R21E
S36

S1	S6
R21E	R22E
T23S	
CC	

1928

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

From this cor., the east end of gable of a frame house, size 16 x 24 ft., which belongs to the Pittsburg Mining Company, bears S. 59°27' E., 45.02 chs. dist. This house is the most southerly building of a group of several buildings and sheds belonging to said company.

Land, broken and rolling, with a general southeasterly exposure and drainage.

Soil; shallow loose sand and surfacerock; 3rd rate.

Undergrowth, white sage and black brush.

No timber.

Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

arises

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official notes of the survey T. 24 S., R. 22 E., of this group N. 0°01' W., bet. secs. 35 and 36.

Ascend gradual SW. slope of rolling land through scattered timber and undergrowth.

- 1.20 Low ridge, 10 ft. above cor., bears NW. and SE.; descend gradual NE. slope.
- 3.70 Draw, 10 ft. below ridge, drains NW.; thence descend gradually along rolling NW. slope.
- 38.10 Top of sandstone butte, 1.50 chs. base, and 30 ft. high.
- 40.00 At N. base of butte, 70 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S35 | S36 ✓
 1928

From which:

A pinon, 3 ins. diam., bears N. 79° E., 45 lks. dist., marked $\frac{1}{4}$ S36 BT.

A pinon, 4 ins. diam., bears N. 30° W., 131 lks. dist., marked $\frac{1}{4}$ S35 BT.

- 50.10 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; continue gradual descent over NW. slope.
- 61.40 Top of S. rim of canyon, bears N. 60° W. and S. 60° E.
- 65.00 Bottom of canyon, 100 ft. deep, drains NW.
- 67.70 Top of N. rim of canyon, bears N. 60° W. and S. 60° E.
- 74.00 Top of low ridge, 150 ft. above canyon, bears E. and W.; descend gradual N. slope.
- 80.00 On gradual N. slope, 60 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for cor. secs. 25, 26, 35, and 36, with brass cap marked

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

T23S	R22E
S26	S25
S35	S36

1928

From which:

A juniper, 6 ins. diam., bears N. $31^{\circ}45'$ E., 40 lks. dist., marked T23S R22E S25 BT.

A juniper, 5 ins. diam., bears S. 35° E., 10 lks. dist., marked T23S R22E S36 BT.

A pinon, 10 ins. diam., bears S. 23° W., 178 lks. dist., marked T23S R22E S35 BT.

A scrubby juniper, bears N. $25^{\circ}45'$ W., 81 lks. dist., marked BT.

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush, sage, oak, and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on range line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the E. bdy. of the township, 7 lks. S. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

S. $29^{\circ}57'$ W., on true line bet. secs. 25 and 36.

Descend gradual NW. slope of rolling and broken land, through scattered timber and undergrowth.

38.10 Low spur, projects NW.

40.02 On surfacerock, 60 ft. below sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains	
	$\frac{825}{\frac{1}{4}} = 836$ 1928
	From which: A pinon, 5 ins. diam., bears N. 12° E., 90 lks. dist., marked $\frac{1}{4}$ S25 BT. A pinon, 5 ins. diam., bears S. 14°30' W., 27 lks. dist., marked $\frac{1}{4}$ S36 BT.
57.70	Wash, 30 lks. wide, 2 ft. deep, drains SW.
67.50	Low ridge, bears NE. and SW.
80.04	The cor. secs. 25, 26, 35, and 36, 160 ft. below the $\frac{1}{4}$ sec. cor.
	Land, rolling and broken, with a general northwesterly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, mountain rush, scrub oak, sage, and black brush.
	Timber, scrub juniper and pinon.
	Fair grazing land.

	N. 0°01' W., bet. secs. 25 and 26.
	Ascend gradual SE. slope of rolling and broken bench land through scattered timber and undergrowth.
2.70	Small draw, drains NW.
32.00	Low ridge, 170 ft. above sec. cor., bears NE. and SW.; descend gradual NW. slope.
40.00	True point for the $\frac{1}{4}$ sec. cor. falls in wash, drains SW where it is impracticable to set a permanent cor.
40.68	On NW. side of wash, 50 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 25 and 26, with brass cap marked

SUBDIVISION OF T. 23 S., R. 22 E.



From which:

A scrubby juniper, 2 ins. diam., bears S. $32^{\circ}45'$ W., 173 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. $17^{\circ}15'$ E., 107 lks. dist., marked W0 & S25 BT.

51.60 Low ridge, 60 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradual NW. slope.

80.00 On gradual NW. slope, 60 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 23, 24, 25, and 26, with brass cap marked

T23S	R22E
S23	S24
S25	S26

1928

From which:

A juniper, 8 ins. diam., bears N. $11^{\circ}45'$ E., 12 lks. dist., marked T23S R22E S24 BT.

A juniper, 10 ins. diam., bears S. 79° W., 1 lks. dist., marked T23S R22E S26 BT.

A juniper, 3 ins. diam., bears N. $37^{\circ}15'$ W., 179 lks. dist.; marked BT.

No bearing tree in sec. 25 available.

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, black brush and mountain rush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 25 S., R. 22 E.

Chains

- N. 89°57' E., on random line bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect the E. bdy. of the township, 7 lks. N. of the
 cor. secs. 19, 24, 25, and 30, heretofore described.
 Thence:
 West, on true line bet. secs. 24 and 25.
 Over rolling and broken bench land through scattered
 timber and undergrowth.
 33.70 Trail, bears NE. and SW.
 30.20 Small wash, drains SW.
 41.02 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
 the ground to bedrock and 20 ins. in a mound of stone
 for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 324 \\ \frac{1}{4} \text{ ---} \\ 825 \\ 1928 \end{array}$$

From which:

A juniper, 5 ins. diam., bears S. 42°30' E., 77 lks.
 dist., marked $\frac{1}{4}$ S25 BT.

A pinon, 7 ins. diam., bears N. 64° W., 65 lks.
 dist., marked $\frac{1}{4}$ S24 BT.

- 44.50 Small draw, drains SW.
 63.40 Low ridge, 40 ft. above draw, bears NE. and SW.
 80.04 The cor. secs. 23, 24, 25, and 26, 40 ft. below ridge.
 Land, rolling, with a general southwesterly exposure and
 drainage.
 Soil, shallow loose sand and surfacerock; 3rd rate.
 Undergrowth, mountain rush, black brush and yellow top.
 Timber, scrub juniper and pinon.
 Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 0°01' W., bet. secs. 23 and 24.

Descend gradual NW. slope of rolling bench land through scattered timber and undergrowth.

12.20 Small draw, drains SW.; continue gradual descent.

33.30 Bottom of canyon, 150 ft. deep, drains SW.

40.00 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

	1	
	4	
S23	|	S24
1928		

From which:

A pinon, 6 ins. diam., bears S. 25° E., 70 lks. dist., marked $\frac{1}{4}$ S24 BT.

A pinon, 5 ins. diam., bears N. 72° W., 80 lks. dist., marked $\frac{1}{4}$ S23 BT.

Thence ascend gradual SE. slope.

61.00 Ledge, 25 ft. high, bears E. and W.

62.00 Low ridge, 20 ft. above canyon, bears N. 75° E. and S. 75° W.; descend gradual NW. slope.

80.00 On gradual NW. slope, 40 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 14, 23, and 24, with brass cap marked

T23S	|	R22E
S14	|	S13

S23	|	S24
1928		

From which:

A juniper, 4 ins. diam., bears N. 54°45' E., 159 lks. dist., marked T23S R22E S13 BT.

A juniper, 3 ins. diam., bears S. 40°45' E., 195 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 8°30' W., 178 lks. marked BT.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

No suitable bearing tree in sec. 14 available.
 Deposit a sandstone, 5 x 2 x 2 ins., at base of post,
 marked with a cross (X).
 Land, rolling, with a general southwesterly and north-
 westerly exposure and drainage.
 Soil, shallow loose sand and surfacerock; 3rd rate.
 Undergrowth, mountain rush and black brush.
 Timber, scrub juniper and pinon.
 Fair grazing land.

East, on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the E. bdy. of the township, 16 lks. S. of the
 cor. secs. 13, 18, 19, and 24, heretofore described.

Hence:

S. 89°53' W., on true line bet. secs. 13 and 24.

Descend gradual NW. slope of rolling bench land through
 scattered timber and undergrowth.

40.03 On gradual NW. slope, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S13}{S24}$$

1928

From which:

A juniper, 3 ins. diam., bears S. 5°30' E., 141 lks.
 dist., marked BT.

A juniper, 4 ins. diam., bears N. 61°30' W., 194 lks.
 dist., marked $\frac{1}{4}$ S13.BT.

70.00 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; continue
 gradual descent.

80.06 The cor. secs. 13, 14, 23, and 24, 60 ft. below draw.
 Land, rolling with a general northwesterly exposure and
 drainage.

SUBDIVISION OF, T. 23 S., R. 22 E.

Soil, shallow loose sand and surfacerock; 3rd rate.
 Undergrowth, mountain rush and black brush.
 Timber, scrub juniper and pinon.
 Fair grazing land.

N. 0°01' W., bet. secs. 13 and 14.

Descend gradual N. slope of rolling bench land through scattered timber and undergrowth.

15.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

40.00 On surfacerock, 120 ft. below sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S14 | S13 1928

From which:

A juniper, 6 ins. diam., bears N. 78° W., 137 lks. dist., marked $\frac{1}{4}$ S14 BT.

A pinon, 3 ins. diam., bears N. 81° E., 33 lks. dist., marked BT.

42.90 Draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope.

50.75 Ledge, 25 ft. high, bears E. and W.

58.70 Ridge, 120 ft. above draw, bears NW. and SE.; descend gradual NE. slope.

80.00 On gradual NE. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13, and 14, with brass cap marked

T23S R22E S11 | S12 S14 | S13 1928

From which:

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

A juniper, 3 ins. diam., bears N. 53°15' W., 76 lks. dist., marked BT.

No other suitable bearing trees available.

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 89°53' E., on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the E. bdy. of the township, 14 lks. S. of the cor. secs. 7, 12, 13, and 18, heretofore described.

Thence:

S. 89°47' W., on true line bet. secs. 12 and 13.

Over rolling and broken bench land through scattered undergrowth.

32.00 Enter very scattered timber; bears N. and S.

39.97 On rolling bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S12 \\ \frac{1}{4} \\ \hline S13 \end{array}$$

1928

From which:

A juniper, 8 ins. diam., bears S. 82° E., 668 lks. dist., marked $\frac{1}{4}$ S13 BT.

A juniper, 6 ins. diam., bears N. 64°30' W., 358 lks. dist., marked $\frac{1}{4}$ S12 BT.

44.90 Small wash, drains NW.

79.94 The cor. secs. 11, 12, 13, and 14, 50 ft. below the cor. secs. 7, 12, 13, and 18.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

Land, rolling with a general general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 11 and 12.

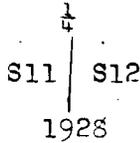
Descend gradual NW. slope of rolling bench land through scattered undergrowth and very scattered timber.

12.30' Small wash, drains NW.

39.70 Small draw, drains NW.

40.00 On rolling land, 70 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

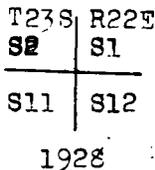
A juniper, 6 ins. diam., bears N. 84° E., 123 lks. dist., marked $\frac{1}{4}$ S12 BT.

A juniper, 5 ins. diam., bears S. 81°15' W., 179 lks. dist., marked $\frac{1}{4}$ S11 BT.

Continue gradual descent over general NW. slope.

80.00 On general NW. slope, 60 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for cor. secs. 1, 2, 11, and 12, with brass cap marked



From which:

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

anlsdc

A juniper, 6 ins. diam., bears N. $69^{\circ}30'$ E., 122 lks. dist., marked T23S R22E S1 BT.

A juniper, 5 ins. diam., bears S. $43^{\circ}45'$ E., 153 lks. dist., marked T23S R22E S12 BT.

A juniper, 3 ins. diam., bears N. $89^{\circ}30'$ W., 207 lks. dist., marked BT.

No suitable bearing tree in sec. 11 available.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered mountain rush and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

N. $89^{\circ}47'$ E., on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the E. bdy. of the township, 3 lks. N. of the cor. secs. 1, 6, 7, and 12, heretofore described.

Thence:

S. $89^{\circ}48'$ W., on true line bet. secs. 1 and 12.

Descend gradual NW. slope of rolling bench land through scattered undergrowth.

26.00 Enter scattered timber, bears N. and S.

31.50 Top of low ridge, bears NE. and SW.

40.03 On surfacerock, 140 ft. below sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1 /
 $\frac{1}{4}$ ———
S12
1928

From which:

A juniper, 3 ins. diam., bears S. $31^{\circ}30'$ E., 116 lks. dist., marked BT.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

A juniper, 2 ins. diam., bears N. 55°30' W., 64 lks. dist., marked BT.

79.00 Small wash, drains N.

80.06 The cor. secs. 1, 2, 11, and 12, 40 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., on true line bet. secs. 1 and 2.

Descend gradually over general northwest slope of rolling bench land through scattered timber and undergrowth.

31.50 Small draw, drains W.

37.60 Small spur, projects W.

40.00 On gradual N. slope, 110 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1928

From which:

A pinon, 6 ins. diam., bears S. 30°45' E., 154 lks. dist., marked $\frac{1}{4}$ S1 BT.

A pinon, 5 ins. diam., bears S. 15°30' W., 121 lks. dist., marked $\frac{1}{4}$ S2 BT.

54.90 Trail, bears NE. and SW.

64.00 Ledge, bears NE. and SW.

77.60 Draw, 270 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradual SE. slope.

83.28 Intersect the N. bdy. of the township, West, 7.82 chs.

TO WHOM IT MAY CONCERN
 SUBDIVISION OF T. 23 S., R. 22 E.

Chains

dist. from the original cor. secs. 1, 2, 35, and 36, which is an iron post, 2 ins. diam., extending 6 ins. above a mound of stone, with brass cap, properly marked for cor. secs. 1, 2, 35, and 36, T. 23 S., R. 22 E.

I efface the marks on the cor. that pertain to secs. 1 and 2, T. 23 S., R. 22 E., and at point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for closing cor. secs. 1 and 2, T. 23 S., R. 22 E., with brass cap marked

T23S R22E
 835

S2	S1
T23S	R22E
C	C

1928

From which:

A juniper, 3 ins. diam.; bears S. 13°30' E., 101 lks. dist.; marked BT.

A juniper, 3 ins. diam.; bears S. 60°30' W., 139 lks. dist.; marked BT.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 2, 3, 34, and 35, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set marked and witnessed as described in the official note of the survey T. 24 S., R. 22 E. of this group. N. 0°01' W., bet. secs. 34 and 35.

Over broken surface rock through scattered timber and undergrowth.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 17.90 Descend gradual NW. slope through dense timber.
- 39.38 On broken NW. slope, 50 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs.
34 and 35, with brass cap marked.

W C	
$\frac{1}{4}$	
S34	| S35
1928	

From which:

A pinon, 6 ins. diam., bears N. $60^{\circ}15'$ E., 55 lks.
dist., marked WC $\frac{1}{4}$ S35 BT.

A pinon, 10 ins. diam., bears N. 55° W., 220 lks.
dist., marked WC $\frac{1}{4}$ S34 BT.

- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls on abrupt slope of
sandstone spur where it is impracticable to set cor.
- 40.30 Sandstone spur, 30 ft. high, projects NW.
- 58.30 Wash, 100 lks. wide, 3 ft. deep, drains SW.
- 62.20 Begin gradual ascent over SW. slope of surfacerock,
through scattered timber.
- 80.00 On gradual SW. slope, 30 ft. above wash.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 26, 27, 34, and 35, with
brass cap marked

T23S R22E	
S27	| S26

S34	| S35
1928	

From which:

A pinon, 14 ins. diam., bears N. $51^{\circ}30'$ E., 23 lks.
dist., marked T23S R22E S26 BT.

A juniper, 3 ins. diam., bears S. $50^{\circ}45'$ E., 33 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 73° E., 20 lks.
dist., marked BT.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

A pinon, 14 ins. diam., bears N. 31° W., 72 lks. dist., marked T23S R22E S27 BT.

No suitable bearing tree in sec. 34 available.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, white sage and black brush.

Timber, juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 25, 26, 35, and 36.

Thence:

S. 89°59' W., on true line bet. secs. 26 and 35.

Descend gradual SW. slope of rolling bench land through scattered timber and undergrowth.

11.80 Small draw, drains SW.

30.60 Trail, bears NE. and SW.

40.05 On rolling bench land, 125 ft. below sec. cor., mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S26}{S35}$$

1928

From which:

A juniper, 6 ins. diam., bears S. 12°15' W., 139 lks. dist., marked $\frac{1}{4}$ S35 BT.

A pinon, 10 ins. diam., bears N. 2° W., 223 lks. dist., marked $\frac{1}{4}$ S26 BT.

46.40 Wash in hollow, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SW. ascend gradual SE. slope.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

62.30 Top of sandstone butte, 2.00 chs. base, 65 ft. above wash; descend gradual N. slope.

67.60 Draw, 90 ft. below top of butte, drains SW.; ascend gradual SE. slope.

80.10 The cor. secs. 26, 27, 34, and 35, 100 ft. above draw. Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Descend gradual NW. slope of rolling bench land through scattered timber and undergrowth.

10.80 Draw, 60 ft. below cor., drains SW.; ascend gradual SE. slope.

25.00 Low ridge, 30 ft. above draw, bears NE. and SW.; continue gradual ascent.

40.00 On gradual SE. slope, 20 ft. above ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S27 | S26
 1928

From which:

A juniper, 3 ins. diam., bears S. 76°15' W., 430 lks. dist., marked BT.

No other suitable bearing trees available.

Deposit a limestone, 8 x 3 x 2 ins., at base of post, marked with a cross (X).

55.00 Small wash, drains SW.; continue gradual ascent over SE. slope.

74.20 Sandstone ridge, 160 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradual N. slope.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

30.00 On gradual N. slope, 10 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for cor. secs. 22, 23, 26; and 27, with brass cap marked

T23S	R22E
S22	S23
S27	S26

1928

From which:

- A juniper, 10 ins. diam., bears N. 19°30' E., 137 lks. dist., marked T23S R22E S23 BT.
- A juniper, 4 ins. diam., bears S. 29° E., 36 lks. dist., marked T23S R22E S26 BT.
- A juniper, 7 ins. diam., bears S. 82°45' W., 36 lks. dist., marked T23S R22E S27 BT.
- A juniper, 3 ins. diam., bears N. 19° W., 212 lks. dist., marked BT.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, juniper and pinon.

Fair grazing land.

N. 89°59' E., on random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 23, 24, 25, and 26.

Thence:

S. 89°58' W., on true line bet. secs. 23 and 26.

Descend gradually along N. slope of rolling bench land through scattered undergrowth and timber.

4.40 Low spur, projects N.; continue gradual descent.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 14.60 Draw, 80 ft. below sec. cor., drains SE.; ascend gradual SE. slope.
- 19.00 Top of isolated sandstone dome, 53 ft. high; continue gradual ascent over SE. slope.
- 40.02 On gradual SE. slope, 110 ft. above draw.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\frac{S23}{S26}$$

1928
- From which:
- A juniper, 12 ins. diam., bears S. 75°15' W., 228 lks. dist., marked $\frac{1}{4}$ S26 BT.
- A juniper, 16 ins. diam., bears S. 53°15' W., 103 lks. dist., marked $\frac{1}{4}$ S23 BT.
- 48.30 Top of ascent on S. slope, 10 ft. above the $\frac{1}{4}$ sec. cor.; descend gradual SW. slope.
- 54.80 Small draw, 20 ft. below top of ascent, drains S.; ascend gradual SE. slope.
- 62.80 Spur, 40 ft. above draw, projects S.; descend gradual SW. slope.
- 70.90 Draw, 70 ft. below spur, drains S.; ascend gradual E. slope.
- 79.60 Spur, 130 ft. above draw, projects S. 10° W.; descend gradually.
- 80.04 The cor. secs. 22, 23, 26, and 27, 10 ft. below spur.
 Land, rolling, with a general southwesterly exposure and drainage.
 Soil, shallow loose sand and surfacerock; 3rd rate.
 Undergrowth, amole plant, mountain rush, black brush, and live oak.
 Timber, scrub juniper and pinon.
 Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 0°01' W., bet. secs. 22 and 23. 00.41

Descend gradual NW. slope of broken bench land through scattered timber and undergrowth. 00.31

0.60 Draw, 10 ft. below cor., drains SW.; ascend gradual SE. slope. 00.01

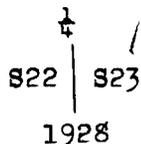
16.70 Ridge, 60 ft. above draw, bears N. 80° E. and S. 80° W.; continue gradual ascent over SE. slope.

22.40 Trail, bears E. and W.

29.60 Ridge, 90 ft. above last ridge, bears N. 80° E. and S. 80° W.; descend gradual NW. slope.

40.00 On gradual NW. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A juniper, 2 ins. diam., bears N. 41°15' W., 23 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 50°15' E., 249 lks. dist., marked S23 BT.

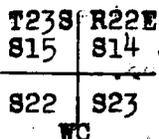
79.60 Bottom of canyon, 130 ft. below the $\frac{1}{4}$ sec. cor., drains NW. and heads 1 chain SE.

80.00 True point for the cor. secs. 14, 15, 22, and 23, falls on abrupt rocky slope where it is impracticable to set a permanent cor.

81.14 On surfacerock, mark a cross (X); over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs.

14, 15, 22, and 23, with brass cap marked



1928

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

From which:

A juniper, 6 ins. diam., bears N. 50°45' E., 216 lks.
dist., marked WC T23S R22E S14 BT.

A pinon, 8 ins. diam., bears S. 10° E., 308 lks.
dist., marked WC T23S R22E S23 BT.

A juniper, 3 ins. diam., bears S. 24°45' W., 277 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears N. 58°30' W., 67 lks.
dist., marked BT.

Land, broken, with a general southwesterly and north-
westerly exposure and drainage.

Soil, shallow loose sand and surface rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, juniper and pinon.

Fair grazing land.

From the true point for the cor. secs. 14, 15, 22, and
23.

N. 89°58' E., on random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 21 lks. N. of the cor.
secs. 13, 14, 23, and 24.

Thence:

N. 89°53' W., on true line bet. secs. 14 and 23.

Ascend gradual NE. slope of broken bench land through
scattered timber and undergrowth.

22.00 Spur, 20 ft. above cor., projects NW.; descend gradual
NW. slope.

34.30 Draw, 40 ft. below spur, drains NW.; continue gradual
descent.

40.00 On gradual NW. slope, 10 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

$\frac{814}{823}$
 1928

anlad

From which:

A juniper, 5 ins. diam., bears S. 88°30' W., 289 lks. dist., marked $\frac{1}{4}$ 823 BT.

A juniper, 5 ins. diam., bears N. 50°15' W., 462 lks. dist., marked $\frac{1}{4}$ 814 BT.

80.00

The/cor. secs. 14, 15, 22, and 23, 100 ft. below the $\frac{1}{4}$ sec. cor., which is S. 0°01' E., 1.14 chs. from W.C. Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15, from the true point for the cor. secs. 14, 15, 22, and 23.

Over broken bench land through scattered timber and undergrowth.

1.14 The witness cor. to the cor. secs. 14, 15, 22, and 23.

8.20 Top of broken sandstone ridge, 60 ft. above true point for sec. cor., bears N. 75° W. and S. 75° E.; descend gradual N. slope.

31.50 Wash, drains NW.; continue gradual descent.

40.00 On broken N. slope, 125 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{815}{814}$
 1928

From which:

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- A juniper, 6 ins. diam., bears S. 82°30' E., 160 lks. dist., marked † S14 BT.
- A pinon, 8 ins. diam., bears N. 30°30' W., 243 lks. dist., marked † S15 BT.
- 40.70 Low spur, projects NW.
- 54.60 Draw, 90 ft. below the † sec. cor., drains W.; ascend gradual S. slope.
- 59.00 Spur, 40 ft. above draw, projects W.; descend gradual N. slope.
- 63.10 Draw, 10 ft. below spur, drains SW.; ascend gradual S. slope.
- 80.00 On broken S. slope, 120 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 10, 11, 14, and 15, with brass cap marked

T23S	R22E
S10	S11
S15	S14

1928

From which:

- A juniper, 3 ins. diam., bears S. 6°30' E., 140 lks. dist., marked BT.
- A pinon, 3 ins. diam., bears S. 38° W., 151 lks. dist., marked BT.

No other suitable accessories available.

Land, broken with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF; T: 23 S., R: 22 E.

Chains

S. $89^{\circ}53'$ E., on random line bet. sec. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 5. lks. N. of the cor. sec. 11, 12, 13, and 14.

Thence:

N. $89^{\circ}51'$ W., on true line bet. sec. 11 and 14.

Over rolling bench land through scattered undergrowth and very scattered timber.

29.90 Low ridge, bears NW. and SE.

40.00 On rolling land, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S11}{\frac{1}{4}} = S14$$

1928 ..

From which:

A juniper, 4 ins. diam., bears S. $43^{\circ}15'$ W., 153 lks. dist., marked $\frac{1}{4}$ S14 BT.

A juniper, 3 ins. diam., bears N. $20^{\circ}45'$ W., 92 lks. dist., marked BT.

67.70 Low spur, projects SW.

71.00 Head of draw, drains SW.

80.00 The cor. sec. 10, 11, 14, and 15, 50 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling, with a general southwesterly and northeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

CONTINUED

0.00 N. 0°01' W., between sec. 10 and 11.
 Over rolling bench land through scattered undergrowth
 and timber.

2.70 Low ridge, bears N. 50° W. and S. 80° E.; descend
 gradual NE. slope.

35.40 Draw, 120 ft. below ridge, drains NW.; ascend gradual
 SW. slope.

40.00 On gradual SW. slope, 20 ft. above draw.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A pinon, 6 ins. diam., bears S. 10°30' W., 406 lks.
 dist., marked $\frac{1}{4}$ S10 BT.

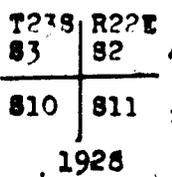
No suitable bearing tree in sec. 11 available.

Deposit a sandstone, 4 x 4 ins., at base of post,
 marked with a cross (X).

44.20 Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects NW.;
 descend gradual NE. slope.

72.00 Draw, 60 ft. below spur, drains NW.; ascend gradual
 SW. slope.

80.00 On gradual SW. slope, 20 ft. above draw.
 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
 the ground to bedrock and 10 ins. in a mound of stone,
 for cor. secs. 2, 3, 10, and 11, with brass cap marked



From which:

A juniper, 2 ins. diam., bears N. 64°15' E., 150 lks.
 dist., marked BT.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

A juniper, 2 ins. diam., bears S. $8^{\circ}15'$ E., 104 lks. dist., marked BT.

A juniper, 2 ins. diam., bears S. $83^{\circ}30'$ W., 218 lks. dist., marked BT.

A juniper, 5 ins. diam., bears N. $46^{\circ}30'$ W., 133 lks. dist., marked T23S R22E S3 BT.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

S. $89^{\circ}51'$ E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 1, 2, 11, and 12.

Thence:

N. $89^{\circ}50'$ W., on true line bet. secs. 2 and 11.

Over rolling bench land through scattered undergrowth and timber.

39.95 On rolling land, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S2 \\ \frac{1}{4} \\ S11 \\ 1928 \end{array}$$

From which:

A juniper, 5 ins. diam., bears N. 47° W., 239 lks. dist., marked $\frac{1}{4}$ S2 BT.

No other suitable bearing trees available.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 59.50 Head of draw, drains SW.
- 79.90 The cor. seos. 2, 3, 10, and 11.
 Land, rolling, with a general westerly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, mountain rush and black brush.
 Timber, scrub juniper and pinon.
 Fair grazing land.
-
- N. 0°01' W., on true line bet. seos. 2 and 3.
 Over rolling land through scattered timber and undergrowth.
- 20.00 Wash, 30 lks. wide, 10 ft. deep, drains NW.
- 36.30 Wash, 40 lks. wide, 20 ft. deep, drains NW.
- 40.00 On gradual N. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
 S3 | S2
 1923
- From which:
- A juniper, 3 ins. diam., bears N. 24°30' E., 242 lks. dist., marked BT.
- A juniper, 5 ins. diam., bears S. 10° W., 236 lks. dist., marked $\frac{1}{4}$ S3 BT.
- 40.90 Wash, 10 ft. deep, drains NW.
- 43.10 Wash, 10 ft. deep, drains NW.
- 57.10 Wash, 10 ft. deep, drains NW.
- 62.00 Low spur, 20 ft. high, projects N. 70° W.; descend gradual N. slope.
- 64.10 Draw, 20 ft. below spur, drains W.; ascend gradual S. slope.
- 71.60 White sandstone ledge, 30 ft. high, bears N. 70° W. and

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

82.98

S. 70° E.; ascend gradual SW. slope to
Intersect the S. bdy. of sec. 34, T. 22 S., R. 22 E.,
West, 7.68 chs. dist. from the original cor. secs.
2, 3, 34, and 35, which is an iron post, 3 ins. diam.,
extending 15 ins. above ground, with brass cap,
properly marked, for secs. 2, 3, 34, and 35, Cor. 2 is
not witnessed. I efface the marks on the cor. that be
pertain to secs. 2 and 3, T. 23 S., R. 22 E., and
take bearing trees to cor. as follows.
A juniper, 8 ins. diam., bears N. 58°30' E., 168 lks.
dist., marked T22S R22E S35 BT.
A juniper, 5 ins. diam., bears N. 52°30' W., 183 lks.
dist., marked T22S R22E S34 BT.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground to bedrock and 20 ins. in a mound of stone,
for closing cor. secs. 2 and 3, T. 23 S., R. 22 E.,
with brass cap marked

T22S R22E	
S34	
S3	S2
T23S	R22E
C C	C C
1928	

From which:

A juniper, 8 ins. diam., bears S. 55° E., 226 lks.
dist., marked T23S R22E S2 CC BT.

A juniper, 7 ins. diam., bears S. 83°45' W., 214 lks.
dist., marked T23S R22E S3 CC BT.

Land, rolling, with a general northwesterly exposure and
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

From the cor. secs. 3, 4, 33, and 34, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official records of the survey T. 24 S., R. 22 E., of this group. N. 0°02' W., bet. secs. 33 and 34.

Ascend gradual SW. slope of broken bench land through scattered timber and undergrowth.

12.50 Sandstone spur, 50 ft. above cor., projects NW.; descend gradual NE. slope.

16.70 Large wash, 125 lks. wide, 2 ft. deep, drains SW.

40.00 On gradual NE. slope, 70 ft. below spur, mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S33 | S34
 1928

From which:

A juniper, 3 ins. diam., bears N. 66°30' E., 20 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 62°30' W., 120 lks. dist., marked BT.

Thence descend gradual NW. slope.

80.00 On gradual NW. slope, 130 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 27, 28, 33, and 34, with brass cap marked

T23S | R22E
 S28 | S27
 S33 | S34
 1928

From which:

A juniper, 3 ins. diam., bears N. 84°15' E., 35 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 14°15' W., 59 lks. dist., marked BT.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

No other suitable bearing trees available.
 Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).
 Land, rolling, with a general northerly exposure and drainage.
 Soil, shallow loose sand and surfacerock; 3rd rate.
 Undergrowth, sage and black brush.
 Timber, scrub juniper and pinon.
 Fair grazing land.

East, on random line bet. secs. 27 and 34

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. secs. 26, 27, 34, and 35.

Thence:

West, on true line bet. secs. 27 and 34.

Descend gradual SW. slope of broken surfacerock through scattered timber and undergrowth.

12.30 Small draw, 20 ft. below cor., drains SW.; ascend gradual SW. slope.

39.57 On broken bench land, 40 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 27 and 34, with brass cap marked

$$\begin{array}{r} S27 \\ \frac{1}{4} \\ \hline S34 \\ 1928 \end{array}$$

From which:

A juniper, 3 ins. diam., bears S. 45°45' E., 60 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 12°45' W., 157 lks. dist., marked BT.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls in draw, drains SW. where it is impracticable to set a permanent cor.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 53.10 Small draw, drains SW.
- 68.70 Small wash, drains SW.
- 80.00 The cor. secs. 27, 28, 33, and 34.
Land, rolling, with a general southwesterly exposure and drainage.
Soil, shallow loose sand and surfacerock; 3rd rate.
Undergrowth, sage and black brush.
Timber, scrub juniper and pinon.
Fair grazing land.

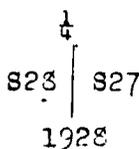
N. 0°02' W., bet. secs. 27 and 28.

Ascend gradually over broken surfacerock through scattered timber and undergrowth.

- 7.60 Spur, 90 ft. above cor., projects SE.; descend gradual NE. slope.

- 14.90 Sandstone spur, 40 ft. below last spur, projects E.; thence over broken bench land.

- 40.00 On broken bench land, 120 ft. above sandstone spur.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A juniper, 3 ins. diam., bears N. 54° E., 310 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 5°45' W., 285 lks. dist., marked BT.

- 44.30 Top of ridge, 10 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradual NW. slope.

- 80.00 On gradual NW. slope, 50 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 21, 22, 27, and 28, with brass cap marked

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

T23S	R22E
S21	S22
S28	S27

1928

From which:

A juniper, 3 ins. diam., bears N. 18°45' E., 113 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 64°30' E., 113 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 37°30' W., 135 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 40°30' W., 200 lks. dist., marked BT.

Land, rolling and broken, with a general northwesterly and southeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.84 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 22, 23, 26, and 27.

Thence:

S. 89°58' W., on true line bet. secs. 22 and 27.

Descend gradual SW. slope of rolling and broken bench land through scattered timber and undergrowth.

1.50 Draw, 30 ft. below cor., drains SW.; ascend gradual SE. slope.

35.20 Ridge, 80 ft. above draw, bears NE. and SW.; descend gradual NW. slope.

38.80 Trail, bears NE. and SW.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

38.90 Draw, 30 ft. below ridge, drains SW.; continue gradual descent along S. slope.

39.92 On gradual S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S22

 S27
 1925

From which:

A juniper, $\frac{1}{2}$ ins. diam., bears N. $67^{\circ}30'$ W., 304 lks. dist., marked $\frac{1}{4}$ S22 BT.

No other suitable bearing tree available.

Deposit a sandstone, 10 x 3 x 2 ins., at base of post, marked with a cross (X).

79.84 The cor. secs. 21, 22, 27, and 28, 70 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surface rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and piñon.

Fair grazing land.

N. $0^{\circ}02'$ W., bet. secs. 21 and 22.

Descend gradual NW. slope of rolling bench land through scattered timber and undergrowth.

40.00 On gradual NW. slope, 70 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22
 1928

From which:

A juniper, 3 ins. diam., bears S. 62° E., 56 lks. dist.,

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

marked BT.

A juniper, 3 ins. diam., bears N. 65° W., 66 lks. dist., marked BT.

Deposit a sandstone, 6 x 3 x 3 ins., at base of post, marked with a cross (X).

46.30 Small wash, drains SW.

52.10 Ascend gradually along NW. slope over surfacerock.

62.00 Ridge, 90 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradual NW. slope.

80.00 On gradual NW. slope, 80 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 15, 16, 21, and 22, with brass cap mark

T23S	R22E
S16	S15
S21	S22

1928

From which:

A juniper, 3 ins. diam., bears N. 23°45' E., 189 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 20°30' E., 82 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 59°15' W., 106 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 3°30' W., 99 lks. dist., marked BT.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 89°58' E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the true point for the cor. secs. 14, 15, 22, and 23.

Thence:

From the true point for the cor. secs. 14, 15, 22, and 23, which is S. 0°01' E., 1.14 chs. from the witness cor. to the cor. said secs.

S. 89°58' W., on true line bet. secs. 15 and 22.

Over broken bench land through scattered timber and undergrowth.

0.50 Vertical rim of gulch, bears E. and NW.

1.20 Bottom of gulch, 50 ft. deep, drains NW.

2.00 Vertical rim of gulch, bears NW. and SE.

3.00 Small spur, projects NW.

9.50 Wash, drains NW.

20.60 Ridge, 30 ft. above cor., bears N. and S.; descend gradual W. slope.

39.90 On gradual W. slope, 150 ft. below ridge.

Set an iron post; 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mass of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S15}{S22}$
 1928

From which:

A pinon, 8 ins. diam., bears N. 44°45' E., 105 lks. dist., marked $\frac{1}{4}$ S15 BT.

A pinon, 10 ins. diam., bears S. 52° W., 189 lks. dist., marked $\frac{1}{4}$ S22 BT.

42.50 Draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradual NE. slope.

46.10 Spur, 50 ft. above draw, projects N. 10° W.; descend gradual W. slope.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

511540

51.90 Draw, 30 ft. below spur, drains NW.; ascend gradual NE. slope. 00.04

59.50 Spur, 50 ft. above draw, projects N.; descend gradual W. slope.

79.80 The cor. secs. 15, 16, 21, and 22, 40 ft. below spur. Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and surface rock; 3rd rate.

Undergrowth, mountain rush, live oak, and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°02' W., bet. secs. 15 and 16.

Descend gradual NW. slope over rolling bench land through scattered timber and undergrowth.

37.20 Small draw, drains SW.; continue gradual descent.

40.00 On gradual NW. slope, 140 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S16 | S15
 1928

From which:

A juniper, 6 ins. diam., bears S. 66°15' E., 375 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 6 ins. diam., bears S. 70°30' W., 211 lks. dist., marked $\frac{1}{4}$ S16 BT.

Deposit a sandstone, 7 x 6 x 3 ins., at base of post, marked with a cross (X).

44.40 Low spur, projects SW.

55.30 Small draw, drains SW.

60.30 Small draw, drains SW.; ascend gradual NW. slope.

79.30 Ridge, 160 ft. above draw, bears NE. and SW.; descend gradual NW. slope.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

80.00 On gradual NW. slope of ridge near top.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 9, 10, 15, and 16, with brass cap marked

T23S	R22E
S9	S10
S16	S15

1928

From which:

A juniper, 3 ins. diam., bears N. 42°15' E., 194 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. 49°15' W., 100 lks. dist., marked T23S R22E S9 BT.

No other suitable bearing trees available.

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 89°58' E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 10, 11, 14, and 15.

Thence:

S. 89°55' W., on true line bet. secs. 10 and 15.

Descend gradual NW. slope over broken bench land through scattered timber and undergrowth.

20.00 Head of draw, drains SW.; continue gradual descent.

39.86 On gradual NW. slope, 150 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

SUBDIVISION OF, T. 25 S., R. 22 E.

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S10
S15

1928

From which:

A juniper, 8 ins. diam., bears S. $78^{\circ}45'$ W., 570 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 3 ins. diam., bears N. $14^{\circ}15'$ W., 209 lks. dist., marked BT.

52.40 Small spur, projects SW.

57.10 Small draw, drains SW.

72.40 Small spur, projects SW.

79.72 The cor. se s. 9, 10, 15, and 16, 30 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pionon.

Fair grazing land.

N. $0^{\circ}02'$ W., bet. secs. 9 and 10.

Over nearly level bench land through dense undergrowth and scattered timber.

40.00 On nearly level bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S9 | S10
1928

Deposit a sandstone, 6 x 5 x 3 ins., at base of post, marked with a cross (X).

No bearing trees available.

80.00 On nearly level bench land.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 9, and 10, with brass cap marked.

T233 S4	R22E S3
S9	S10

1928

Deposit a sandstone, 10 x 9 x 6 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

Land, nearly level bench.

Soil, shallow loose sand; 3rd rate.

Undergrowth, sage and black brush.

Timber, very scrubby juniper and pinon.

Fair grazing land.

N. 89°55' E., on random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 2, 3, 10, and 11.

Thence:

S. 89°57' W., on true line bet. secs. 3 and 10.

Over rolling bench land through scattered timber and undergrowth.

3.40 Small draw, 20 ft. below cor., drains NW.; ascend gradual NE. slope.

14.00 Low spur, 15 ft. above draw, projects NW.; descend gradual W. slope.

26.90 Main draw, 30 ft. below spur, drains NW.; ascend gradual NE. slope.

32.40 Small wash, drains NW.; continue ascent.

39.20 Small wash, drains NE.; continue ascent.

39.85 On gradual NE. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone,

. SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

entire

for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S3}{S10}$
 1928

From which:

A juniper, 8 ins. diam., bears S. 35° E., 124 lks.
 dist., marked $\frac{1}{4}$ S10 BT.

A juniper, 7 ins. diam., bears N. 10° W., 14 lks.
 dist., marked $\frac{1}{4}$ S3 BT.

79.70 The cor. secs. 3, 4, 9, and 10.

Land, rolling, with a general northwesterly exposure
 and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, mountain rush, buck brush, and yellow top.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°02' W., on true line bet. secs. 3 and 4.

Over nearly level bench land through dense undergrowth
 and scattered timber.

12.10 Begin gradual descent over NW. slope.

40.00 On gradual NW. slope, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
 the ground to bedrock and 22 ins. in a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S4 | S3
 1928

From which:

A juniper, 3 ins. diam., bears N. 36° E., 62 lks.
 dist., marked BT.

A juniper, 3 ins. diam., bears S. 76°45' W., 96 lks.
 dist., marked BT.

55.60 Leave timber, bears E. and W.

SUBDIVISION OF, T. 23 S., R. 22 E.

- 61.20 Wash, drains NW.
 74.20 Old wagon road, bears NE. and SW.
 76.70 Wash, drains SW.
 83.21 Intersect the S. bdy. of sec. 33, T. 22 S., R. 22 E., West, 7.28 chs. dist. from the original cor. secs. 3, 4, 33, and 34, which is an iron post, 3 ins. diam., extending 12 ins. above ground, with brass cap properly marked and witnessed. I efface the marks on the cor. monument that refer to secs. 3 and 4, T. 23 S., R. 22 E., and at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 3 and 4, T. 23 S., R. 22 E., with brass cap marked

T22S R22E
 S33

S4	S3
T23S	R22E
CC	

1923

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 4, 5, 32, and 33, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official notes of the survey T. 24 S., R. 22 E., of this group. N. 0°03' W., bet. secs. 32 and 33.

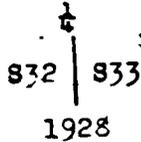
Ascend gradual NE. slope of rolling bench land through scattered timber and undergrowth.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

40.00

On gradual NE. slope, 80 ft. above sec. cor. OS. 12
 OS. 27
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 10 x 9 x 3 ins., at base of post,
 marked with a cross (X).

No suitable bearing trees available.

47.60

Timber becomes more scattered, bears E. and W.

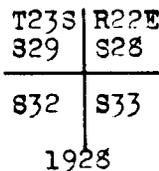
70.10

Ridge, 100 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.;
 descend gradual NW. slope.

86.00

On gradual NW. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground, for cor. secs. 28, 29, 32, and 33, with brass
 cap marked



From which:

A juniper, 6 ins. diam., bears N. 84°30' E., 443 lks.
 dist., marked T23S R22E S28 BT.

A juniper, 6 ins. diam., bears S. 0°45' E., 360 lks.
 dist., marked T23S R22E S33 BT.

A juniper, 3 ins. diam., bears S. 83°30' W., 469 lks.
 dist., marked BT.

No suitable bearing tree in sec. 29 available.

Deposit a sandstone, 12 x 4 x 3 ins., at base of post,
 marked with a cross (X).

Land, rolling, with a general northeasterly exposure and
 drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

Timber, scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 27, 28, 33, and 34.

Thence:

S. $89^{\circ}57'$ W., on true line bet. secs. 28 and 33.

Ascend gradual SE. slope of rolling bench land through scattered timber and undergrowth.

16.50 Small draw, drains SW.; continue ascent over SE. slope.

39.90 Small draw, drains SW.; continue gradual ascent.

39.99 On gradual SE. slope, 80 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28
 $\frac{1}{4}$ ——— /
S33
1928

From which.

A juniper, 3 ins. diam., bears S. 73° W., 56 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. 2° W., 42 lks. dist., marked $\frac{1}{4}$ S28 BT.

Deposit a sandstone 4 x 3 x 1 in., at base of post, marked with a cross (X).

62.80 Ridge, 70 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradual NW. slope.

79.98 The cor. secs. 28, 29, 32 and 33, 10 ft. below ridge.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, black brush and mountain rush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 23 N., R. 22 E.

Chains

011250

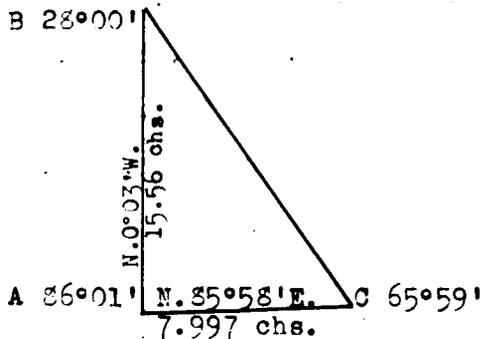
N. 0°03' W., bet. secs. 28 and 29.

Descend gradual NW. slope of rolling bench land through scattered timber and undergrowth.

28.89 Leave flag for triangulation point.

31.00 Left rim of canyon bears NE. and SW. over which chaining is impracticable, I therefore determine the distance across the canyon by triangulation as follows.

Designate the flag at the 28.89 chs. point, "A" and erect flag "B" on line to the N. From flag "A", survey base line "AC", N. 85°58' E., 7.997 chs. dist. and erect flag "C" From "C" flag "B" subtends an angle of 65°59' from "A". All angles checked by repetition and base line double chained.



Distance on line	28.89 chs.
Distance by triangulation	15.56 chs.
	<u>44.45 chs.</u>
Distance by return measurement	3.84 chs.
	<u>40.61 chs.</u>

34.00 Approximate distance; bottom of canyon, 300 ft. deep, drains SW.

40.00 True point for the 1/4 sec. cor. falls on inaccessible N. wall of canyon, where it is impracticable to set cor.

40.61 On top of right rim of canyon, bears NE. and SW., mark a cross (X) on the surface rock, over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor. secs. 28 and 29, with brass cap marked

S29 | S28
WC

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

From which:

A juniper, 3 ins. diam., bears N. $52^{\circ}30'$ E., 88 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. $31^{\circ}15'$ W., 41 lks. dist., marked BT.

44.45 To point "B" of triangulation.

55.00 Low ridge, bears NE. and SW.

66.94 Rim of box canyon, bears NW. and SE. It being impracticable to chain N. from this point on account of rim, I run on traverse line to bottom of canyon through break in rim as follows.

N. 21° E., 8.68 chs. dist.

N. $57^{\circ}30'$ W., 3.70 chs. dist. to:

77.03 Point on true line in broken S. breaks of canyon.

As the true point for the cor. secs. 20, 21, 28, and 29, will fall in S. breaks of inaccessible spur, where it is impracticable to reach the cor point, therefore at this point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 20, 21, 28, and 29, with brass cap marked

	W	C
T23S	R22E	
320	S21	
329	S28	
192S		

Deposit a sandstone, $4 \times 3 \times 2$ ins., at base of post, marked with a cross (X).

No other suitable accessories available.

The line to the N. of this cor., passes over inaccessible ledges, over which I am unable to chain.

78.00 Approximate distance; wash in bottom of box canyon, drains W.

79.00 Approximate distance; ascend abrupt S. slope of spur, over inaccessible ledges.

80.00 The true point for the cor. secs. 20, 21, 28, and 29, falls in inaccessible ledges.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

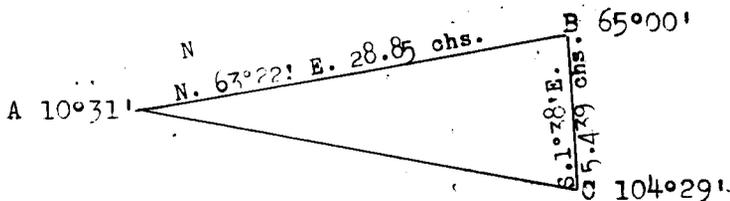
Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 89°57' E., on random line bet. secs. 21 and 28.
 As the true point for the cor. secs. 20, 21, 28, and 29,
 is inaccessible, I commence at a point, S. 0°03' E.,
 13.06 chs. dist. from the true cor. point. The line to
 the E. of this point, passes over inaccessible ledges
 over which I am unable to chain, I therefore run on
 traverse line by triangulation as follows. Erect flag
 "A" at this point and flag "B" on top of high rim to
 the NE. From flag "B", survey base line "BC", S. 1°38'
 E., 5.439 chs. dist. and erect flag "C". From "C",
 flag "A" subtends an angle of 104°29', from "B". From
 "B", "A" bears S. 63°22' W., No longer base line could
 be obtained on account of ledges. Vertical angle from
 "A" to "B" is plus 3°. All angles checked by repetition
 and base line double chained.



Distance by triangulation, N. 63°22' E., 28.85 chs.,
 which is East, 25.79 chs. and North, 12.93 chs.

Thence, North, 15 lks. dist. to:

- 25.79 Point on true random line; thence N. 89°57' E., on
random line.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect the N. and S. line, 14 lks. N. of the cor.
secs. 21, 22, 27, and 28.

Thence:

- N. 89°57' W., on true line bet. secs. 21 and 28.
- Descend gradually over broken NW. slope of broken bench
land, through scattered timber and undergrowth.
- 11.50 Small wash, drains NW.
- 39.99 On broken NW. slope, 50 ft. below sec: cor.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S21
 $\frac{1}{4}$ S28
 1928

From which:

A juniper, 3 ins. diam., bears S. 64° W., 51 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. $45^{\circ}45'$ W., 23 lks. dist., marked $\frac{1}{4}$ S21 BT.

54.19 Left rim of box canyon, bears NE. and SW.

The line to the W. of this point passes over inaccessible breaks of canyon, over which chaining is impracticable.

65.00 Approximate distance on true line; bottom of box canyon, drains SW.; ascend gradually over inaccessible NW. breaks of canyon.

79.98 The true point for the cor. secs. 20, 21, 28, and 29.

Land, broken by ledges and surfacerock, with a general westerly exposure and drainage.

Soil, shallow loose sand and surfacerock; rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

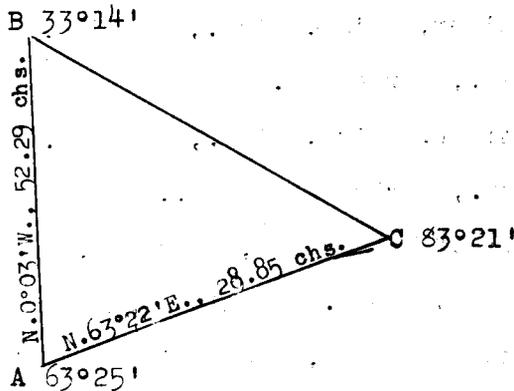
N. $0^{\circ}03'$ W., bet. secs. 20 and 21.

As the true point for the cor. secs. 20, 21, 28, and 29 is inaccessible and which is N. $0^{\circ}03'$ W., 2.97 chs. from the witness cor. to the cor. said secs., I commence at a point, S. $0^{\circ}03'$ E., 13.06 chs. dist. from the true cor. point. The line to the N. of this point passes over the inaccessible breaks of a box canyon over which I am unable to chain, I therefore determine the distance by triangulation as follows.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

Erect flag "A" at this point, and flag "B" on line to the N. Designate flag "B" left on line bet. secs. 21 and 28, as "C". From "A", "C", bears N. $63^{\circ}22'$ E., 28.85 chs. dist. Distance determined to "C" by triangulation as shown on line bet. secs. 21 and 28. From "B", flag "C" subtends an angle of $33^{\circ}14'$ from "A". All angles checked by repetition.



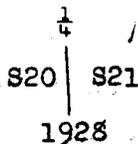
Distance by triangulation	52.29 chs.
Distance from "A" to true point for sec. cor.	13.06 chs.
	39.23 chs.

15.00 Approximate distance from true point for cor. secs. 20, 21, 28, and 29; top of right rim of box canyon, bears E. and W., 300 ft. high; thence ascend gradually over broken S. slope through scattered timber and undergrowth.

39.23 To point "B" of triangulation at top of ridge, 100 ft. above rim of canyon, bears NE. and SW.

40.00 Near top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A juniper, 3 ins. diam., bears N. $18^{\circ}45'$ E., 180 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. $51^{\circ}45'$ W., 244 lks. dist., marked BT.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 42.20 Begin gradual descent over broken N. slope, bears NE. and SW.
- 76.55 Top of left rim of canyon, bears E. and W.
- 78.50 Bottom of canyon, 200 ft. deep, drains SW.
- 80.00 Top of right rim of canyon, bears E. and W., and true point for the cor. secs. 16, 17, 20, and 21, which falls on sloping face of rim where it is impracticable to set a permanent cor.
- 81.50 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 16, 17, 20, and 21, with brass cap marked

T23S	R22E
S17	S16
S20	S21
W3	

1928

From which:

- A pinon, 3 ins. diam., bears N. $5^{\circ}45'$ E., 311 lks. dist., marked BT.
- A pinon, 6 ins. diam., bears S. $45^{\circ}30'$ W., 311 lks. dist., marked T23S R22E S20 BT.
- A juniper, 3 ins. diam., bears N. $57^{\circ}30'$ W., 60 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken, with a general southwesterly and northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

S. $89^{\circ}57'$ E., on random line bet. secs. 16 and 21.

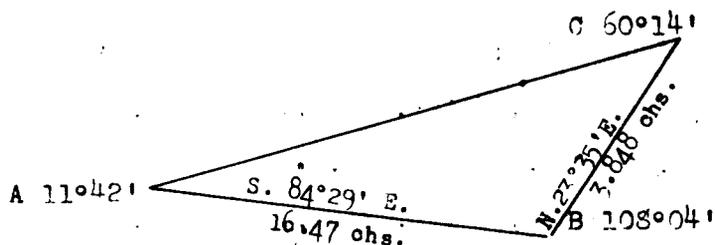
As it is impracticable to project my line to the E.

from the true point for the cor. secs. 16, 17, 20, and

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

21, on account of the cor. point being on abrupt slope of rim of canyon, I commence at the witness cor. to the cor. said secs., which is N. $0^{\circ}03'$ W., 1.52 chs. dist. from the true cor. point. The line to the E. of this cor., passes over vertical rim of canyon which makes chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" to the E. From "B", survey base line "BC", N. $23^{\circ}35'$ E. 3.648 chs. dist., and erect flag "C". No longer base line could be obtained on account of ledges. From "A", "B" bears S. $84^{\circ}29'$ E. From "C", "A" subtends an angle of $60^{\circ}14'$ from "B". All angles checked by repetition and base line double chained. Vertical angle from "A" to "B" is plus 6° .



Distance by triangulation, S. $84^{\circ}29'$ E., 16.47 chs., which is East, 15.39 chs. and South 1.58 chs.

Hence, North, 7 lks. dist. to true random line.

Hence S. $89^{\circ}57'$ E., on random line.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

30.00 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 15, 16, 21, and 22.

Hence:

.. $89^{\circ}54'$ W., on true line bet. secs. 16 and 21.

Descend gradual W. slope of broken bench land through scattered timber and undergrowth.

40.00 On gradual W. slope, 160 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

$\frac{1}{4}$ $\frac{S16}{S21}$
1928

From which:

A juniper, 6 ins. diam., bears N. $4^{\circ}15'$ E., 130 lks. dist., marked $\frac{1}{4}$ S16 BT.

A juniper, 3 ins. diam., bears S. $15^{\circ}30'$ E., 70 lks. dist., marked BT.

52.40 Small draw, drains SW.

53.60 Small spur, projects SW.

The line to the W. of this point crosses box canyon with vertical rims over which chaining is impracticable.

77.00 Approximate distance; bottom of box canyon, 300 ft. below spur, drains SW.

80.00 The true point for the cor. secs. 16, 17, 20, and 21.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

For grazing land.

From the true point for the cor. secs. 16, 17, 20, and 21.

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Ascend gradual NW. slope of broken bench land through scattered timber and undergrowth.

1.50 The witness cor. to the cor. secs. 16, 17, 20, and 21.

12.20 Ridge, 170 ft. above point for cor., bears NE. and SW.; descend gradual NW. slope.

40.00 On gradual NW. slope, 20 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

$\frac{1}{2}$
 S17 | S16
 1928

From which:

- A juniper, 3 ins. diam., bears N. 82°45' E., 82 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N. 18°15' W., 90 lks. dist., marked BT.

50.10 Enter nearly level bench land, bears E. and W. 204.50

30.00 On nearly level bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 8, 9, 16, and 17, with brass cap marked

T23S	R22E
S8	S9
S17	S16

1928

From which:

- A juniper, 6 ins. diam., bears N. 21°45' W., 496 lks. dist., marked T23S R22E S8 BT.
- A juniper, 3 ins. diam., bears N. 1° W., 397 lks. dist., marked BT.

No other bearing trees available.

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surface rock; 3rd rate.

Undergrowth, black brush.

Timber, scrub juniper and pines.

Fair grazing land.

S. 89°54' E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

30.15 Intersect the N. and S. line, 5 lks. N. of the cor.

Chains

secs. 9, 10, 15, and 16.

Thence:

N. 89°52' W., on true line bet. secs. 9 and 16.

Descend gradual SW. slope of rolling bench land through dense undergrowth and scattered timber.

40.09 On gradual SW. slope, 130 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S9}{S16}$
 1928

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

No suitable bearing trees available.

Thence across nearly level bench land.

80.18 The cor. secs. 8, 9, 16, and 17.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, dense black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 8 and 9.

Over nearly level bench land, through dense undergrowth.

34.10 Low ridge, bears NE. and SW.

40.00 On nearly level bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 88 | 89
 1928

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with across (X).

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

No other suitable accessories available.

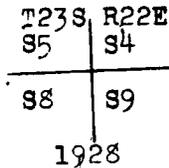
70.00

Begin gradual descent over NW. slope.

80.00

On gradual NW. slope, 40 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 4, 5, 8, and 9, with brass cap marked



Deposit a sandstone, 16 x 12 x 10 ins., at base of post, marked with a cross (X).

Land, rolling, with a general southwesterly and northwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

No timber.

Fair grazing land.

S. 89°52' E., on random line bet. secs. 4 and 9.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

30.24

Intersect the N. and S. line, 3 lks. N. of the cor. secs. 3, 4, 9, and 10.

Thence:

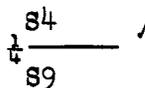
N. 89°51' W., on true line bet. secs. 4 and 9.

Over nearly level bench land through dense undergrowth.

40.12

On nearly level bench land, 40 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



1928

From which:

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

A juniper, 5 ins. diam., bears S. 37°30' W., 252 lks.
dist., marked $\frac{1}{4}$ S9 BT.

A juniper, 6 ins. diam., bears N. 25° W., 11 lks.
dist., marked $\frac{1}{4}$ S4 BT.

68.70 Descend gradual NW. slope, bears NE. and SW.

80.24 The cor. of secs. 4, 5, 8, and 9, 50 ft. below the $\frac{1}{4}$ sec.
cor.

Land, rolling, with a general northwesterly exposure and
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

No timber except a few scrub juniper near the $\frac{1}{4}$ sec. cor.

Fair grazing land.

N. 0°03' W., on true line bet. secs. 4 and 5.

Descend gradual NW. slope of rocky bench land through
dense undergrowth.

40.00 On gradual NW. slope, 60 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 35 | S4
 1923

Deposit a sandstone, 4 x 3 x 2 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

51.50 Wash, drains NW.

55.30 Old wagon road, bears NE. and SW.

59.90 The SW. point of rocky spur; thence descend gradual NW.
slope.

64.90 Small draw, drains SW.; thence ascend SW. slope of ledges.

68.20 Spur, 40 ft. above draw, projects SW.; thence along
broken NW. slope.

82.90 Intersect the S. bdy. of sec. 32, T. 22 S., R. 22 E.,

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

West; 7.56 chs. dist. from the true point for the cor. of secs. 4, 5, 32, and 33. The witness cor. of said secs. is 20 lks. W. of the true cor. point, and is an iron post, 3 ins. diam., extending 18 ins. above ground, with brass cap properly marked but not witnessed.

I erect a mound of stone, 12 ins. high around the cor. monument, and deposit a sandstone 10 x 9 x 8 ins. marked with a cross (X) at the base of same.

I efface the marks on the cor. monument that refer to secs. 4 and 5, and at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, T. 23 S., R. 22 E., with brass cap marked

T23S R22E
S32

S5	S4
T23S	R22E
C C	

1928

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

No timber.

Fair grazing land.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 24 S., R. 22 E., of this group.

N. 0°03' W., bet. secs. 31 and 32.

The cor. of secs. 5, 6, 31, and 32, is located in the bottom of a narrow canyon and from which point it is impracticable to originate a line, I therefore commence at

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

a point, West, 16.90 chs. dist. from the cor., and run on traverse line as follows, over broken bench land through scattered timber and undergrowth.

N. 0°03' W., 20.77 chs.

East, 16.90 chs.

N. 20°12' E., 8.88 chs.

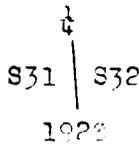
N. 12°57' E., 6.85 chs.

N. 44°48' W., 6.55 chs.; at 1.50 chs. on this course is the top of elongated sandstone butte, bears E. and W.

S. 0°03' E., 43 lks. to:

40.00 Point on true line.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

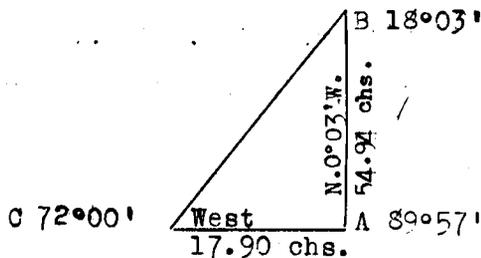


From which:

A juniper, 4 ins. diam., bears N. 84°45' E., 149 lks. dist., marked $\frac{1}{4}$ S32 PT.

A juniper, 4 ins. diam., bears N. 43°30' W., 81 lks. dist., marked $\frac{1}{4}$ S31 PT.

43.50 Base of broken ledges on S. slope of spur over which chaining is impracticable, to obtain the distance to top of spur, I triangulate as follows. Designate the cor. of secs. 5, 6, 31, and 32 "A", and erect flag "B" on line to the N. From "A" survey base line "AC", West, 17.90 chs. and erect flag "C". From "C", "B" subtends an angle of 72°00' from "A". Vertical angle from "A" to "B" is plus 9°30'. All angles checked by repetition and base line double chained.



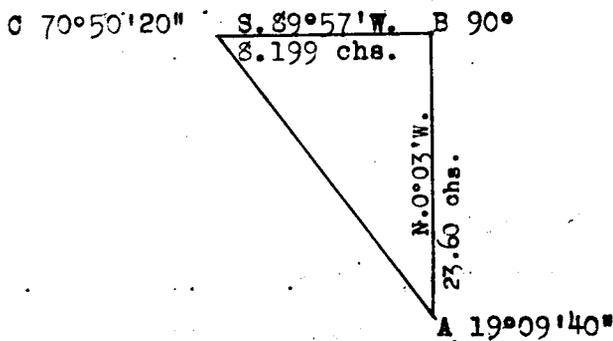
SUBDIVISION OF T. 23 N. R. 22 E.

Chains

enlarged

54.94 Distance by triangulation 54.94 chs. To point "B" of triangulation at top of S. rim of spur, 600 ft. above sec. cor., bears E. and W.; thence across broken top of spur which projects W.

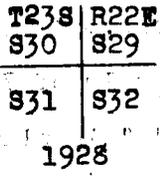
60.12 North rim of spur, 100 ft. high, bears E. and W. As broken ledges make chaining impracticable to the N. of this point, I triangulate as follows. Erect flag "A" at this point, and flag "B" on line to the N. From "B", survey base line "BC", S. 89°57' W., 8.199 chs. dist. and erect flag "C". From "C", flag "B" subtends an angle of 70°50'20". Vertical angle from "A" to "B" is minus 13°30'. All angles checked by repetition and base linedouble chained.



Distance on line	60.12' chs.
Distance by triangulation	<u>23.60' chs.</u>
	83.72' chs.
Distance by return measurement	<u>3.72' chs.</u>
	80.00' chs.

70.00 Approximate distance; draw, drains W.
 80.00 On broken NW. slope, 380 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 29, 30, 31, and 32, with brass cap marked



From which:
 A juniper, 6 ins. diam., bears N. 17°30' E., 85 lks. dist., marked T23S R22E S29 BT.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

A juniper, 8 ins. diam., bears S. 80°15' E., 154 lks. dist., marked T23S R22E S32 BT.

A juniper, 5 ins. diam., bears N. 79°45' W., 127 lks. dist., marked T23S R22E S30 BT.

No suitable bearing tree in sec. 31 available.

Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 29 and 32.

40.00 Point for the temp. $\frac{1}{4}$ sec. cor. falls on face of ledge.

40.61 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor. secs. 29 and 32.

30.02 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 28, 29, 32, and 33.

Thence:

N. 89°59' W., on true line bet. secs. 29 and 32.

Descend gradual SW. slope of broken bench land through scattered timber and undergrowth.

22.50 Enter surfacerock, bears N. and S.

39.41 Top of sandstone rim, 100 ft. high, bears N. and S.

Mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 29 and 32, with brass cap marked

WC $\frac{1}{4}$ $\frac{S29}{S32}$ /

1928

No suitable bearing trees available.

Thence descend abruptly over broken W. face of rim.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

40.01 True point for the $\frac{1}{4}$ sec. cor. secs. 29 and 32 falls on W. face of rim where it is impracticable to set a permanent cor.

80.02 The cor. secs. 29, 30, 31, and 32, 550 ft. below top of rim.

Land, broken, with a general southwesterly and northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

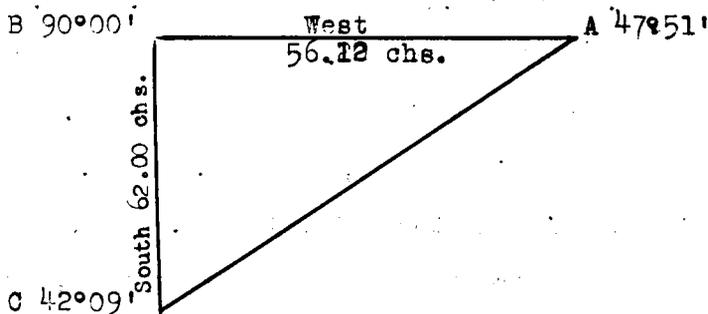
Timber, scrub juniper and pinon.

Fair grazing land.

West, on random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

47.45 Broken ledges to the W. make chaining impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. From "B", survey base line "BC", South, 62.00 chs. dist. and erect flag "C". From "C", flag "A" subtends an angle of $42^{\circ}09'$ from flag "B". All angles checked by repetition.



Distance on line	47.45 chs.
Distance by triangulation	56.12 chs.
	<u>103.57 chs.</u>
Distance by return measurement	25.37 chs.
	<u>78.20 chs.</u>

103.57 To point "B" of triangulation on the W. bdy. of the township and at a point 9 lks. S. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

S. $89^{\circ}57'$ E., on true line bet. secs. 30 and 31.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

Over broken bench land through scattered undergrowth.

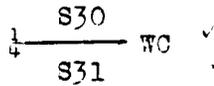
20.00 Small draw, drains SE.; thence along broken S. slope.

25.37 Bottom^{of} canyon, heads 5 chains SW. and drains NE.; thence
over broken ledges.

56.12 Rim of Salt Wash, bears SE. and NW.; thence descend
over broken ledges.

59.60 Base of rim, bears SE. and NW.

60.45 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs.
30 and 31, with brass cap marked



1928

Raise a mound of stone, 2 ft. base, 1¹/₂ ft. high, N. of
cor.

Cor. set on W. bank of Salt Wash, bears N. and S.

63.57 True point for the $\frac{1}{4}$ sec. cor. falls in bottom of Salt
Wash, drains S., where it is impracticable to set a
permanent cor.

70.40 East bank of Salt Wash, bears N. and S.; thence over
broken bottom lands.

79.60 Trail, bears N. and S.

103.57 The cor. secs. 29, 30, 31, and 32.

Land, broken, with a general southerly exposure and
drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

No timber.

Fair grazing land.

N. 0°03' W., bet. secs. 29 and 30.

The line to the N. of the cor. secs. 29, 30, 31, and 32,

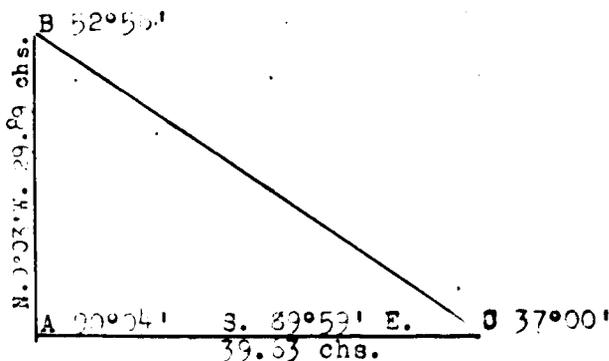
passes over the broken breaks of the left rim of

Salt Wash, over which chaining is impracticable, I

SUBDIVISION OF, T. 23 S., R. 22 E.

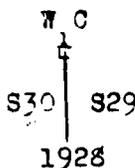
Chains

therefore determine the distance by triangulation as follows. Erect flag "A" at the cor. secs. 29, 30, 31, and 32, and erect flag "B" on line to the N. From "A", survey base line "AC", S. 89°59' E., 39.63 chs. dist. and erect flag "C". From "C", flag "B" subtends an angle of 37° from "A". All angles checked by repetition.



Distance by triangulation 29.89 chs.

- 10.00 Approximate distance; sandstone spur, projects W.
- 20.00 Approximate distance; small draw, drains SW.
- 29.89 To point "B" of triangulation; thence by direct measurement; over broken SW. slope through scattered timber and undergrowth.
- 31.50 Sandstone spur, projects NW.
- 36.74 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 29 and 30, with brass cap marked



From which:

- A juniper, 3 ins. diam., bears S. 60° W., 65 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. 28° E., 95 lks. dist., marked BT.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls on face of sandstone rim, bears NE. and SW, where it is impracticable to set cor.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 44.00 Top of abrupt descent over ledge, 100 ft. high, bears NE. and SW.
- 51.70 Base of abrupt descent, 290 ft. below top of ledge, bears NE. and SW.; thence over nearly level land.
- 59.90 Wash, 100 lks. wide, 25 ft. deep, drains SW.
- 63.10 Trail, bears NE. to Lost Springs, and SW. to Wolf Ranch.
- 68.50 Bottom of Lost Spring Canyon, 125 lks. wide, 30 ft. deep, drains SW.
- 80.00 On nearly level land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 lbs. in the ground, for cor. secs. 19, 20, 29, and 30, with brass cap marked

T23S	R22E
S19	S20
S30	S29

1923

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken and rolling, with a general southwestern exposure and drainage.

Soil, shallow loose sand and surface rock; friable.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

S. 89°59' E., on random line bet. secs. 20 and 29.

- 8.13 To pass inaccessible breaks of spur, I offset as follows. South, 10.00 chs. dist.; thence S. 89°59' E., on offset line.

- 23.73 Offset North, 10.00 chs. to true random line; thence on random line.

- 40.00 Set temp. ¼ sec. cor.

- 59.96 To pass rim of spur, I offset as follows. S. 0°03' E., 2.97 chs. dist. ; thence S. 89°59' E., on

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains	
	offset line to:
79.96	Intersect the N. and S. line, 9 lks. S. of the witness cor. to the cor. secs. 20, 21, 28, and 29, which is S. 0°03' E., 2.97 chs. dist. from the true point for the cor. said secs.
	Thence:
	As the true point for the cor. secs. 20, 21, 28, and 29, is inaccessible, I commence at the witness cor. to the cor. said secs. and run on offset line as follows, along base of inaccessible rim of spur, through scattered timber and undergrowth.
14.00	S. 39°57' W., 20.00 chs.
18.10	Approximate distance on true line; bottom of canyon, drs. high, bears NW. and SE.
20.00	N. 0°03' W., 2.97 chs. dist. to true line. Thence, S. 39°57' W., on true line.
24.10	Top of sandstone rim, 40 ft. high, bears NE. and SW.; descend over broken ledges.
39.98	At base of ledges, 380 ft. below top, bears NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ S20} \\ \hline \text{S29} \end{array}$
	1928
	From which:
	A juniper, 12 ins. diam., bears N. 61° E., 79 lks. dist.; marked $\frac{1}{4}$ S20 BT.
	A juniper, 10 ins. diam., bears S. 4° E., 117 lks. dist., marked $\frac{1}{4}$ S29 BT.
	Thence over bottom lands of canyon.
51.00	Bottom of canyon, drains SW.
56.18	Base of broken SE. breaks of spur make chaining on line to the W. of this point impracticable; bears NE. and SW. To pass ledges, I offset as follows.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- South, 10.00 chs.; thence S. $89^{\circ}57'$ W., on offset line along base of ledge.
- 60.00 Approximate distance on true line; top of spur, 300 ft. above canyon, projects SW.
- 71.78 Offset North, 10.00 chs. to true line; thence on true line.
- 74.00 Bottom of Lost Spring Canyon, 300 ft. below spur, drains SW. Trail in bottom of canyon, bears NE. and SW.
- 79.96 The cor. secs. 19, 20, 29, and 30.
Land, broken by ledges, with a general westerly exposure and drainage.
Soil, shallow loose sand and surfacerock; 3rd rate.
Undergrowth, sage and black brush.
Timber, scrub juniper and pinon.
Fair grazing land.
-
- N. $89^{\circ}57'$ W., on random line bet. secs. 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 103.49 Intersect the W. bdy. of the township, 30 lks. S. of the cor. secs. 19, 24, 25, and 30, heretofore described.
Thence:
S. $89^{\circ}47'$ E., on true line bet. secs. 19 and 30.
Ascend gradually over broken SW. slope of spur, through scattered timber and undergrowth.
- 9.20 Sandstone spur, 50 ft. above cor., projects S. 10° E.; descend gradually over broken SE. slope.
- 14.50 Bank of wash, bears NE. and SW.
- 17.50 Bottom of wash, 100 ft. below spur, drains NE.
- 22.30 Recross wash, drains SE.
- 24.30 Bank of wash, bears NW. and SE.
- 41.50 Bank of Salt Wash, 20 ft. high, bears NW. and SE.
- 43.30 Stream of good water, 3 lks. wide, 2 ins. deep, in bottom of Salt Wash, flows SE.
- 44.30 Bank of Salt Creek Wash, 40 ft. high, bears N. and SE.

SUBDIVISION OF T. 23 S., R. 10 E., T. 23 S., R. 10 E.

Onains

63.49 On broken SW. slope, 80 ft. above Salt Creek Wash.
Set an iron post, 3 ft. long, 1 in. diam., 27 lbs. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

819

830
1928

From which:

A juniper, 4 ins. diam., bears N. 35° E., 858 lks.
dist., marked $\frac{1}{4}$ 819 BT.

A juniper, 12 ins. diam., bears S. 86° E., 680 lks.
dist., marked $\frac{1}{4}$ 830 BT.

72.00 Base of abrupt ascent over broken W. breaks of spur,
bears N. and S.

77.50 Top of NW. rim of spur, 100 ft. high and 270 ft. above
the $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence across
rolling top of spur which projects SW.

91.20 Top of SE. rim of spur, 100 ft. high, bears NE. and SW.;
thence descend abruptly over broken SE. breaks of spur.

98.50 Base of SE. breaks of spur, 300 ft. below top, bears
NE. and SW.; thence over rolling land.

103.49 The cor. secs. 19, 20, 29, and 30,
Land, rolling and broken, with a general southwesterly
exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 19 and 20.

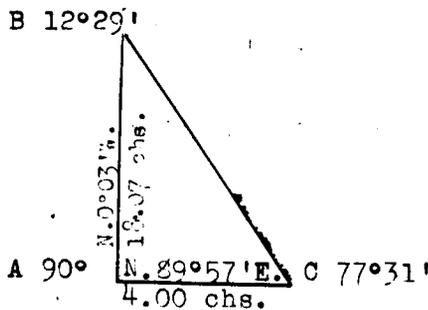
Over broken land through scattered undergrowth and
timber.

2.70 Base of inaccessible ledges, bears NE. and SW., over
which chaining is impracticable, I therefore triangulate
as follows. Erect flag "A" at the cor. sec.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

From "A", survey base line, "AC", N. 89°57' E., 4.00 chs. dist. and erect flag "C". From "C", "B" subtends an angle of 77°31' from "A". Vertical angle from "A" to "B" is plus 12°45'. All angles checked by repetition and base line double chained.



Distance by triangulation 18.07 chs.

18.07 To point "B" of triangulation at top of sandstone rim, 270 ft. above sec. cor., bears N. 10° E. and S. 10° W.; thence over broken surfacerock.

37.27 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor. secs. 19 and 20, with brass cap marked



1928

From which:

A scrubby juniper, 6 ins. diam., bears S. 31°30' E., 106 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 27°45' W., 60 lks. dist., marked BT.

The line to the N. of this cor. follows along the W. rim of Lost Spring Canyon, over which chaining is impracticable, I therefore triangulate as follows.
Erect flag "A" at this point and flag "B" on line to the N. From "B", survey base line "BC", N. 89°57' E., 6.99 chs. dist. and erect flag "C". From "C", flag

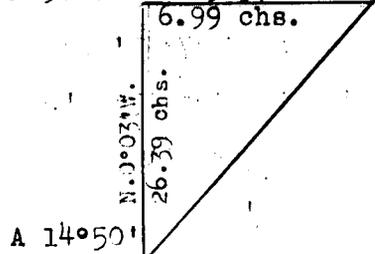
SUBDIVISION OF, T. 23 S. R. 22 E.

Chains

and 40

"A" subtends an angle of $75^{\circ}10'$ from "B". All angles checked by repetition and base line double chained.

B $90^{\circ}00'$ N. $49^{\circ}57'$ E. C $75^{\circ}10'$



Distance on line

Distance by triangulation

37.27 chs.

26.39 chs.

63.66 chs.

- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible breaks.
- 60.00 Approximate distance; Top of rim of Lost Spring Canyon, bears NE. and SW.
- 63.66 To point "B" of triangulation.
- 80.00 On top of spur, 50 ft. above rim of canyon, projects NW.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 17, 18, 19, and 20, with brass cap marked

T23S	R22E
S18	S17 ✓
S19	S20

1928

From which:

- A juniper, 3 ins. diam., bears N. $36^{\circ}30'$ E., 92 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. $82^{\circ}15'$ E., 110 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears S. $29^{\circ}15'$ W., 204 lks. dist., marked BT.
- A juniper, 3 ins. diam., bears N. $52^{\circ}30'$ W., 102 lks. dist., marked BT.

From this cor., Lost Spring, bears N. $34^{\circ}55'$ E.,

Spring flows a stream, about 2 ins. wide and 1 in. deep.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

Land, broken by ledges, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 89°57' E., on random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

54.92 To pass broken rim of canyon, I offset as follows.

N. 0°03' W., 1.50 chs., thence N. 89°57' E. on offset line, to:

79.90 Intersect the N. and S. line, 7 lks. S. of the witness cor. to the cor. secs. 16, 17, 20, and 21, which is N. 0°03' W., 1.50 chs. from the true point for the cor. of said secs.

The true bearing of this line therefore is, S. 89°54' W.
Thence:

As the true point for the cor. secs. 16, 17, 20, and 21, falls on inaccessible ledges, I commeneed at the witness cor. to the cor. said secs.

Thence, S. 89°54' W., on offset line, bet. secs. 17 and 20.

12.50 Approximate distance on true line; sandstone spur, projects SW.

24.98 Offset S. 0°03' E., 1.50 chs. to true line; thence S. 89°54' W. on true line; over rolling bench land through scattered undergrowth and timber.

39.95 On rolling bench land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S17}{S20}$

. SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

- 3.04 The witness cor. to the cor. secs. 13, 18, 19, and 24.
- 7.50 Right bank of Cottonwood Wash, 12 ft. high, bears NE. and SW.
- 11.50 Bottom of Cottonwood Wash, drains SW.
- 13.20 Left bank of Cottonwood Wash, 10 ft. high, bears NE. and SW.
- 19.90 Top of left rim of Cottonwood Wash, 200 ft. above bottom, bears NE. and SW.; ascend gradual NW. slope.
- 53.90 Ridge, 120 ft. above rim of wash, bears NW. and SW.; continue gradual ascent.
- 63.39 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S18}{S19}$
1928
- From which:
A juniper, 3 ins. diam., bears N. 11° E., 250 lks. dist., marked BT.
- No other suitable accessories available.
- 103.39 The cor. secs. 17, 18, 19, and 20, 20 ft. above ridge. Land, rolling and broken, with a general northwesterly and southwesterly exposure and drainage. Soil, shallow loose sand and rock; 3 rd. Undergrowth, sage and black brush. Timber, scrub juniper and pinon. Fair grazing land.
-
- N. 0°03' W., bet. secs. 17 and 18.
Descend gradually over rolling bench land through scattered timber and undergrowth.
- 24.38 Drift fence, bears E. and W.
- 32.50 Leave timber, bears NE. and SW.
- 35.00 Head of draw, 50 ft. below cor., drains SW.; ascend

SUBDIVISION OF, T. 23 S., R. 122 E.

Chains

40.00

On rolling land, 20 ft. above head of draw.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S18 | S17 ✓
1928

From which:

A scrub juniper, bears S. 37° E., 5.15 chs. dist., marked $\frac{1}{4}$ S17 BT.

No other bearing tree available.

Deposit a sandstone, 6 x 4 x 2 ins., at base of post, marked with a cross (X).

63.00

Ridge, 50 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.

64.00

Enter very scattered timber, bears NE. and SW.

79.20

Small draw, drains SW.

80.00

On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 7, 8, 17, and 18, with brass cap marked

T23S | R22E
S7 | S8 ✓
S18 | S17
1928

From which:

A juniper, 12 ins. diam., bears N. 66°15' E., 270 lks. dist., marked T23S R22E S8 BT.

A juniper, 10 ins. diam., bears S. 64°45' E., 98 lks. dist., marked T23S R22E S17 BT.

No other suitable bearing trees available.

Land, rolling with a general westerly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 89°54' E., on random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect the N. and S. line, 9 lks. N. of the cor. secs. 8, 9, 16, and 17.

Thence;

S. 89°58' W., on true line bet. secs. 8 and 17.

Over rolling bench land through scattered timber and undergrowth.

7.00 Small wash, drains SW.

32.70 Draw, 50 ft. below cor., drains SW.

32.90 Trail, bears NE. and SW.

39.86 On rolling bench land, mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S8
 $\frac{1}{4}$
 S17
 1923

No other accessories available.

71.00 Spur, 50 ft. above draw, projects SW.; descend gradually.

78.70 Draw, 40 ft. below spur, drains SW.

79.72 The cor. secs. 7, 8, 17, and 18.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, mountain rush and black brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 89°53' W., on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

103.36 Intersect the W. bdy. of the township, 6 lks. N. of the cor. secs. 7, 12, 13, and 18, heretofore described.

Thence:

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

S. 89°55' E., on true line bet. secs. 7 and 18.
Descend gradual E. slope over broken surfacerock,
through scattered undergrowth and timber.

9.90 Top of right rim of Cottonwood Wash, 45 ft. high, bears
N. 10° E. and S. 10° W.

14.50 Bottom of Cottonwood Wash, 1.00 chs. wide, 10 ft. deep,
and 140 ft. below cor., drains SW.

18.30 Top of left rim of Cottonwood Wash, 35 ft. high, bears
N. and S.; thence over broken bench land.

49.30 Small wash, drains NW.

63.36 In broken land, 60 ft. above Cottonwood Wash.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground to bedrock and 12 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S7}{S18}$ ✓
1928

Deposit a sandstone, 12 x 10 x 6 ins., at base of post,
marked with a cross (X).

No bearing trees available.

72.30 Spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects SW.;
continue gradual ascent.

86.70 Rocky spur, 20 ft. above last spur, projects S.; descend
gradual E. slope.

103.36 The cor. secs. 7, 8, 17, and 18, 30 ft. below spur.
Land, broken, with a general southerly exposure and
drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.
Undergrowth, scattered shadscale and black brush.
Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 7 and 8.

Ascend gradual S. slope of broken land through scattered

SUBDIVISION OF, T. 23 S., R. 22 E.

timber and undergrowth.

11.00 Ridge, 70 ft. above cor., bears E. and W.; dense timber on top of ridge. Descend gradual N. slope.

33.40 Ridge covered with dense timber, 40 ft. below last ridge, bears E. and W.; descend gradual N. slope.

40.00 On gradual N. slope, 60 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S7	|	S8
1928		

From which:

A juniper, 3 ins. diam., bears S. 62° E., 129 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 29°45' W., 248 lks. dist., marked BT.

Thence ascend gradual S. slope.

50.40 Spur, 120 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend gradual N. slope.

80.00 On gradual N. slope, 110 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T23S	|	R22E
S6	|	S5
S7	|	S8
1928		

From which:

A juniper, 12 ins. diam., bears N. 75° E., 283 lks. dist., marked T23S R22E S5 BT.

No other suitable accessories available.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

SUBDIVISION OF T. 23 S., R. 22 E.

Chains

Undergrowth, shadscale and black brush.
 Timber, scrub juniper and pinon.
 Fair grazing land.

N. 39°53' E., on random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect the N. and S. line, 7 lks. N. of the cor. sec.
 4, 5, 8, and 9.

Thence:

N. 39°59' W., on true line bet. secs. 5 and 8.

Descend gradual SW. slope of broken bench land through
 scattered undergrowth and timber.

25.20 Small draw, drains SW.

23.30 Bend in small wash, drains SW. from the SE.

39.36 On surfacerock, 70 ft. below sec. cor., mark a cross (X)
 over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S5 \\ \frac{1}{4} \text{---} \\ S3 \\ 1923 \end{array}$$

From which:

A juniper, 3 ins. diam., bears S. 0°30' E., 117 lks.
 dist., marked BT.

No other suitable bearing trees available.

45.60 Same wash as last, drains NW.

52.60 Low spur, projects NE.

79.72 The cor. secs. 5, 6, 7, and 8, 60 ft. below the $\frac{1}{4}$ sec.
 cor.

Land, broken, with a general southwesterly exposure and
 drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

Timber, scrub juniper and pinon. Fair grazing land.

99

SUBDIVISION OF T. 23 S., R. 22 E.

- N. 89°55' W., on random line bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 103.34 Intersect the W. bdy. of the township, 3 lks. S. of the cor. secs. 1, 6, 7, and 12, heretofore described .
- Thence:
- S. 89°54' E., on true line bet. secs. 6 and 7.
- Over level land through scattered undergrowth.
- 1.30 Ascend abruptly over broken NW. slope.
- 14.30 Ascent becomes gradual, bears SE. and NW.
- 30.40 Slope changes from the NW. to W.
- 38.30 Ridge, 200 ft. above cor., bears NE. and SW.; descend gradual SE. slope.
- 43.10 Descent becomes more abrupt, bears NE. and SW.
- 56.30 Bottom of Cottonwood Wash, 150 ft. below ridge, drains SW.; ascend gradual NW. slope.
- 63.34 On gradual NW. slope, 20 ft. above wash.
- Set an iron post, 3 ft. long 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\frac{S6}{S7}$$

1928
- Deposit a sandstone, 9x 3 x 6 ins., at base of post, marked with a cross (X).
- 73.20 Ascent becomes more gradual, bears NE. and SW.
- 86.90 Spur, 140 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradual SE. slope.
- 103.34 The cor. secs. 5, 6, 7, and 8, 40 ft. below spur.
- Land, broken, with a general southwesterly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, sage and black brush.
- No timber.
- Fair grazing land.

SUBDIVISION OF, T. 23 S., R. 22 E.

Chains

N. 0°31' W., on true line bet. secs. 5 and 6 .

Over broken bench land through scattered undergrowth.

18.00 Small draw, drains W.

34.00 Low spur, projects SW.

40.00 On broken land, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S6 | S5
 1928

Deposit a sandstone, 12 x 9 x 7 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

80.80 Low spur, projects NE.

82.95 Intersect the S. bdy. of sec. 31, T. 22 S., R. 22 E.,

West, 7.06 chs. dist. from the original cor. secs.

5, 6, 31, and 32, which is an iron post, 3 ins. diam.,

extending 12 ins. above ground, firmly set, and

properly marked. I efface the marks on the cor.

monument that refer to secs. 5 and 6, T. 23 S.,

R. 22 E., and at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

the ground, for closing cor. secs. 5 and 6, T. 23 S.,

R. 22 E., with brass cap marked

T22S R22E
S31

S6	S5
T23S	R22E
C	C

1928.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, sage and black brush.

No timber. Fair grazing land.

ESTABLISHMENT OF QUARTER-SECTION CORNERS,
ON NORTH BOUNDARY, FOR T. 23 S., R. 22 E.

Chains

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 1, T. 23 S., R. 22 E.
The original $\frac{1}{4}$ sec. cor. secs. 1 and 36, Ts. 22 and 23 S.
R. 22 E., is an iron post, 1 in. diam., extending 12
ins. above the ground, firmly set, with brass cap
properly marked. Cor has no accessories. I efface the
marks on the cor. monument that refer to sec. 1, T. 23
S., R. 22 E., and take bearing trees to cor. as follows.
A juniper, 3 ins. diam., bears N. $50^{\circ}15'$ E., 64 lks.
dist., marked BT.
A juniper, 5 ins. diam., bears N. $67^{\circ}30'$ W., 72 lks.
dist., marked $\frac{1}{4}$ S36 BT.
At a point, 7.36 chs. West of this cor., which point is
midway bet. the closing cor. T. 23 S., Rs. 22 and 23 E.
and the closing cor. secs. 1 and 2, T. 23 S., R. 22 E.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor. sec. 1, T. 23 S., R. 22 E.,
with brass cap marked

$\frac{1}{4}$ S1

1923

From which:

A juniper, 4 ins. diam., bears S. 60° W., 67 lks.
dist., marked $\frac{1}{4}$ S1 BT.

No other suitable bearing tree available.

Deposit a sandstone, 4 x 3 x 2 ins., at base of post,
marked with a cross (X).

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 2, T. 23 S., R. 22 E.

The original $\frac{1}{4}$ sec. cor. secs. 2 and 35, Ts. 22 and 23 S.,
R. 22 E., is an iron post, 1 in. diam., extending 10
ins. above ground, with brass cap properly marked.
Cor. has no accessories. I efface the marks on the
cor. monument that refer to sec. 2, T. 23 S., R. 22 E.,
and take bearing trees to cor. as follows.

ESTABLISHMENT OF ONE-QUARTER-SECTION CORNERS,
ON NORTH BOUNDARY, FOR T. 23 S., R. 22 E.

A juniper, 4 ins. diam., bears N. 75° E., 435 lks.
dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 5 ins. diam., bears N. 58° W., 247 lks.
dist., marked $\frac{1}{4}$ S35 BT.

At a point, 7.75 chs. West of this cor., which point is
midway bet. the closing cors. of secs. 1 and 2 and
secs. 2 and 3, T. 23 S., R. 22 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. sec. 2, T. 23 S., R. 22 E.
with brass cap marked

$\frac{1}{4}$ S2

1928

From which:

A juniper, 10 ins. diam., bears S. 65° E., 59 lks.
dist., marked $\frac{1}{4}$ S2 BT.

A juniper, 10 ins. diam., bears S. 45° W., 122 lks.
dist., marked $\frac{1}{4}$ S2 BT.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 3, T. 23 S., R. 22 E.

The original $\frac{1}{4}$ sec. cor. secs. 3 and 34, Ts. 22 and 23 S.
R. 22 E., is an iron post, 1 in. diam., extending
11 ins. above ground, firmly set, with brass cap,
properly marked. Cor. has no accessories. I efface
the marks on the cor. monument that refer to sec. 3,
T. 23 S., R. 22 E., and take bearing trees to cor.
as follows.

A juniper, 7 ins. diam., bears N. 25° 30' E., 348 lks.
dist., marked $\frac{1}{4}$ S34 BT.

A juniper, 7 ins. diam., bears N. 20° 30' W., 413 lks.
dist., marked $\frac{1}{4}$ S34 BT.

At a point, 7.48 chs. West of this cor., which point is
midway bet. the closing cors. of secs. 2 and 3, and
secs. 3 and 4, T. 23 S., R. 22 E.

ESTABLISHMENT OF QUARTER-SECTION CORNERS,
ON NORTH BOUNDARY, FOR T. 23 S., R. 22 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 3, T. 23 S., R. 22 E., with brass cap marked

$\frac{1}{4}$ S3

1928

From which,

A pinon, 3 ins. diam., bears N. 10° E., 385 lks. dist., marked BT.

No bearing trees in sec. 3 available.

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 4, T. 23 S., R. 22 E.

The original $\frac{1}{4}$ sec. cor. secs. 4 and 33, Ts. 22 and 23 S., R. 22 E., is an iron post, 1 in. diam., extending 16 ins. above ground, with brass cap, properly marked. Cor. is witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high to the N. of post. I efface the marks on the cor. monument that refer to sec. 4, T. 23 S., R. 22 E. and erect a mound of stone, 3 ft. base, and 10 ins. high around the post.

At a point, 7.42 chs. West of this cor., which point is midway bet. the closing cors. of secs. 3 and 4, and secs. 4 and 5, T. 23 S., R. 22 E.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 4, T. 23 S., R. 22 E., with brass cap marked

$\frac{1}{4}$ S4

1928

From which:

ESTABLISHMENT OF ONE-QUARTER-SECTION CORNERS,
ON NORTH BOUNDARY, FOR T. 23 S., R. 22 E.

A juniper, 6 ins. diam., bears S. 87°45' E., 83 lks.
dist., marked $\frac{1}{4}$ S4 BT.

A juniper, 3 ins. diam., bears S. 46°15' W., 41 lks.
dist., marked BTS

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 5, T. 23 S., R. 22 E.

The original $\frac{1}{4}$ sec. cor. secs. 5 and 32, Ts. 22 and 23
S., R. 22 E., is an iron post, 1 in. diam., extending
18 ins. above ground, with brass cap, properly marked.
Cor. has no accessories. I efface the marks on the
cor. monument that refer to sec. 5, T. 23 S., R. 22 E.
and erect a mound of stone, 3 ft. base, 1 ft. high
around the post.

At a point, 7.31 chs. West of this cor., which point is
midway bet. the closing cors. of secs. 4 and 5, and
secs. 5 and 6, T. 23 S., R. 22 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. sec. 5, T. 23 S., R. 22 E.
with brass cap marked

$\frac{1}{4}$ 95 ✓

1928

Deposit a sandstone, 9 x 3 x 6 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. SEC. 6, T. 23 S., R. 22 E.

The original $\frac{1}{4}$ sec. cor. secs. 6 and 31, Ts. 22 and 23 S.
R. 22 E., is an iron post, 1 in. diam., extending 10
ins. above ground, firmly set, with brass cap properly
marked. Cor. has no accessories. I efface the marks
on the cor. monument that refer to sec. 6, T. 23 S.,
R. 22 E., and erect a mound of stone, 2 ft. base, 1 $\frac{1}{2}$

ESTABLISHMENT OF QUARTER-SECTION CORNERS,
ON NORTH BOUNDARY, FOR T. 23 S., R. 22 E.

Chains

ft. high, N. of post.

At a point, 7.06 chs. West of this cor., which point is
40.00 chs. W. of the closing cor. secs. 5 and 6,
T. 23 S., R. 22 E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to bedrock and 10 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor. sec. 6, T. 23 S., R. 22 E., with brass
cap marked

$\frac{1}{4}$ S6

1923

Deposit a sandstone, 9 x 7 x 5 ins., at base of post,
marked with a cross (X).

No suitable bearing trees available.

BOUNDARIES, T. 23 S., R. 22 E.

CLOSING ERRORS.

Lines designated	true bearings	Dist- ances. Chs.	Latitudes.		Departures.	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. Bdy. T23S R22E	South	482.78	.....	432.78	.....	.....
S. Bdy. T23S R22E	East	503.75	.....	.....	503.75	.....
E. Bdy. T23S R22E	North	482.91	482.91	.....	.....	.....
N. Bdy. T23S R22E	West	502.27	.....	.....	.....	502.27
Convergency	West	.....58	.....	.....	.....	.....58
			482.91	432.78	503.75	502.85
			482.78		502.85	
Errors in latitudes and departures			0.13		0.90	

GENERAL DESCRIPTION, T. 23 S., R. 22 E.

The lands within the boundaries of this township, consist
of broken benches. It is of a sandstone formation and
has a general southwesterly exposure and drainage. The
township is broken by outcrops of sandstone ledges,
and by deep canyons and draws, which are rimmed with
ledges.

The soil in general, may be classified as third rate,

GENERAL DESCRIPTION, T. 23 S., R. 22 E.

and consists of a shallow loose sand, which is under-
laid with sandstone bedrock, which is exposed in
many places throughout the township.

The only timber found in the township, was a very scatte-
red growth of scrub juniper and pinon, which has no
commercial value except for fire wood and fencing.

A scattered undergrowth of grass, mountain rush, scrub
oak, sage, and black brush, was found throughout the
township, which affords fair grazing for stock.

At the time of the survey, the township was being used
as a summer and winter grazing range for cattle and
sheep, and it will afford grazing for approximately
seventy-five head of cattle and one-thousand head of
sheep.

No portions of the township are suitable for farming.

The only stream of water found in the township, was a
small intermittent stream in the bottom of Lost Spring
Canyon, which heads near the center of section 17,
and flows in a southerly direction where it joins
Salt Wash, in the south half of section 30.

Salt Wash, which is about 1.00 chs. wide and 20 ft. deep
enters the township on the west boundary of section
19, and drains in a southerly direction, leaving the
township at the south boundary of section 30.

Cottonwood Wash, which is about 1.00 chs. wide and
20 ft. deep, heads in section 6, and drains in a
southerly direction, leaving the township and joining
Salt Wash, near the west boundary of section 19.

Lost Spring, which is a seep of good water, is located
in the SW. $\frac{1}{4}$ of section 17. A small seep of good water
was also found in the bottom of Cottonwood Wash, near
the point for the cor. secs. 13, 18, 19, and 24, on
the west boundary of the township.

The only improvements found in the township, were
several deserted frame buildings and sheds, located

GENERAL DESCRIPTION, T. 23 S., R. 22 E.

in the SE. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ section 6. These building belong to the Pittsburg Mining Company, who in the year about 1915, were in this portion of the country, mining for ore from which to obtain radium.

No settlers were living on the township at the time of the survey and no indications of coal, oil, oil shale, or mineral were found.

The township is suitable only for a winter and summer grazing range for stock.

The magnetic declination was not taken on account of a defective needle.

BOOK A-499

4-680
(August, 1924)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
George Hurlbert	Chairman
Philander Maxwell	Chairman
Joel R. Huff	Chairman
Walter Bockholt	Chairman
Pratt Allred	Flagman
Wilson Mc Conkie	Flagman
Clarence Holyoak	Cornerman
Alvie Holyoak	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR

Robert C. Yundt, and
I, We, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursuance
of special instructions received from the District Cadastral Engineer for Utah
bearing date of the 17th day of February, 1928, I have well, faithfully, and truly
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States, surveyed all those parts or portions of East and West
Boundaries, and Subdivision, and established the one-quarter section
corners on North Boundary, T. 23 S., R. 22 E.

of the Salt Lake Base
and Meridian, in the State of Utah, which are represented in
the foregoing field notes as having been executed by me, and under my direction, and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
tions, and the special written instructions of the District Cadastral Engineer for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

Certified to at:
Salt Lake City, Utah,
March 11, 1931.

Chas. F. Moore
Robert C. Yundt
U. S. Surveyor
U. S. Surveyor
APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado DEC 3, 1931, 19

The foregoing field notes of the survey of East and West Boundaries, and
Subdivision, and establishment of one-quarter section corners on
North Boundary, of T. 23 S., R. 22 E., Salt Lake Base and Meridian,
Utah

executed by Chas. F. Moore, and Robert C. Yundt, U.S. Surveyors
under his special instructions dated February 17, 1928, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in
Utah, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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BOOK A-499

FIELD NOTES

OF THE SURVEY OF THE

SOUTH, EAST, AND NORTH BOUNDARIES,

AND SUBDIVISION OF

T. 23 S., R. 11 E.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

J. C. Clark

In the capacity of U. S. Surveyor, under Special Instructions dated March 3, 1928, issued by the District Cadastral Engineer to govern surveys included in Group No. 198, which were approved by the Commissioner of the General Land Office, April 11, 1928, and Assignment Instructions dated Sept. 30, 1933

Survey commenced October 20, 1933

Survey completed February 9, 1934

BOOK A-499

INDEX DIAGRAM.

Township 23 South, Range 11 East

22	21	20	19	18	17
91	89	88	87	86	85
90	89	88	87	86	85
89	88	87	86	85	84
88	87	86	85	84	83
87	86	85	84	83	82
86	85	84	83	82	81
85	84	83	82	81	80
84	83	82	81	80	79
83	82	81	80	79	78
82	81	80	79	78	77
81	80	79	78	77	76
80	79	78	77	76	75
79	78	77	76	75	74
78	77	76	75	74	73
77	76	75	74	73	72
76	75	74	73	72	71
75	74	73	72	71	70
74	73	72	71	70	69
73	72	71	70	69	68
72	71	70	69	68	67
71	70	69	68	67	66
70	69	68	67	66	65
69	68	67	66	65	64
68	67	66	65	64	63
67	66	65	64	63	62
66	65	64	63	62	61
65	64	63	62	61	60
64	63	62	61	60	59
63	62	61	60	59	58
62	61	60	59	58	57
61	60	59	58	57	56
60	59	58	57	56	55
59	58	57	56	55	54
58	57	56	55	54	53
57	56	55	54	53	52
56	55	54	53	52	51
55	54	53	52	51	50
54	53	52	51	50	49
53	52	51	50	49	48
52	51	50	49	48	47
51	50	49	48	47	46
50	49	48	47	46	45
49	48	47	46	45	44
48	47	46	45	44	43
47	46	45	44	43	42
46	45	44	43	42	41
45	44	43	42	41	40
44	43	42	41	40	39
43	42	41	40	39	38
42	41	40	39	38	37
41	40	39	38	37	36
40	39	38	37	36	35
39	38	37	36	35	34
38	37	36	35	34	33
37	36	35	34	33	32
36	35	34	33	32	31
35	34	33	32	31	30
34	33	32	31	30	29
33	32	31	30	29	28
32	31	30	29	28	27
31	30	29	28	27	26
30	29	28	27	26	25
29	28	27	26	25	24
28	27	26	25	24	23
27	26	25	24	23	22
26	25	24	23	22	21
25	24	23	22	21	20
24	23	22	21	20	19
23	22	21	20	19	18
22	21	20	19	18	17

Survey commenced October 20, 1933, and executed with a Young and Sons transit No. 8520. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error was approved by the district cadastral engineer for district No. 6, in assignment instructions dated September 30, 1933, conditional upon satisfactory field tests. I also examined all the instrumental adjustments and corrected all errors before making the field tests hereinafter described.

The directions of the lines were determined by the solar transit method, except the line obtained by observations upon Polaris at elongation upon which to test the solar apparatus as stated in the field notes. This special meridian derived from Polaris observations at elongation was checked by a time hour angle observation upon Polaris, and during suitable weather the solar attachment was tested every week on the meridian. Determinations for latitude and declination were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for altitudes, varying from 6000 to 7000 feet above sea level. During the progress of the survey of this township, the bearings of the boundaries of the township and the meridional section lines were frequently checked by day light observations upon Polaris at elongation.

The measurements were made with Lullie steel tapes, 5 chains and 8 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tapes were tested by comparison with a Luffkin standard and found correct. All measurements were made on the slope, and the vertical angle at each interval was ascertained by a clinometer in good adjustment and the horizontal equivalents were entered in the field note record.

The data furnished with the special instructions gives the geographic position for the S.E. cor. of the Tp., as follows: latitude 36°46'N., and longitude 110°40'W.

The observed general average magnetic declination is 16°15' east, which gives the magnetic bearing of the true meridian, N.16°15'W.

INITIAL TESTS OF INSTRUMENT

October 20, 1933, in camp, in the S.E. $\frac{1}{4}$ NE. $\frac{1}{4}$ of sec. 11, T. 23 S., R. 11 E., at 5h 47.0m p.m., l.m.t., I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point on a peg driven firmly in ground 8 chs. N.

October 21, after sunrise, I lay off the azimuth of Polaris 1°21', and make a meridian mark on a second peg, 18.85 lks. (12.44 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

Every hour from 7:30 to 10:30 a.m. and from 1:30 to 4:30 p.m., I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30". At apparent noon, I set the calculated latitude on the latitude arc, and observe the sun on the meridian; the resulting reading of the declination arc

Trains

agrees within one half minute of the computed declination of the sun.

FINAL TESTS OF INSTRUMENT

February 3, 1934, on the same meridian which was established October 20, 1933, by observations upon Polaris, for the purpose of making the initial test of the instrument, I test the solar attachment every hour from 7:30 to 10:30 a.m. and from 1:30 to 4:30 p.m., making the proper settings on the arcs of the instrument; and ascertain that the lines determined with the transit, when compared with the meridian established by Polaris observation, have a maximum error of less than one and one half minutes. At apparent noon, I set the calculated latitude on the latitude arc, and observe the sun on the meridian; the resulting reading of the declination arc agrees within one half minute of the computed declination of the sun.

The latitudes obtained by the solar attachment on the Polaris meridians and the calculated latitudes practically agree, and as the instrument using the solar apparatus gives positions for meridians that differ no more than one and one half minutes from the meridians established from Polaris observations, I conclude that the transit has been in adjustment during the progress of the survey of this township.

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

Commence at the cor. of Tps. 23 and 24 S., Rs. 10 and 11 E., which is an iron post, 3 ins. diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124.

East, on a true line along the S. bdy. of T. 23 S., R. 11 E., bet. secs. 6 and 31.

Over low and rolling mountainous land, through medium heavy growth of timber and scattering undergrowth; asc. abrupt NW. slope 25 ft.

- 1.90 Spur, slopes NE. about 6 chs. dist.; desc. abruptly 65 ft.
- 7.20 Base of abrupt descent, bears N. and S.; leave timber, bears NE. and SW.; desc. gradually 35 ft.
- 26.50 Swale, drains southeasterly; asc. 20 ft.
- 34.40 Enter medium heavy growth of timber, bears NE. and SW.
- 38.84 Allowin_g for convergency, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} 331 \\ \frac{1}{4} \\ \hline 86 \\ 1933 \end{array}$$

from which

A pinon pine limb, 7 ins. diam., bears S.30°45'E., 75 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

A pinon pine limb, 7 ins. diam., bears N.38°30'W., 186 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

- Chains
 41.50 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 65 ft.
 55.70 Wash, 20 lks. wide, 3 ft. deep, in bottom of swale, drains southeasterly; asc. 10 ft.
 73.50 Spur, slopes S. about 3 chs. dist.; desc. 15 ft. to
 78.84 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

T 23 S R 11 E
 S 31 | S 32
 S 6 | S 5
 T 24 S
 1933

from which

- A pinon pine, 3 ins. diam., bears N.80°15'E., 222 lks. dist., mkd. B T.
- A cedar, 12 ins. diam., bears S.22°30'E., 205 lks. dist., mkd. T 24 S R 11 E S 5 B T.
- A cedar limb, 12 ins. diam., bears S.46°30'W., 203 lks. dist., mkd. T 24 S R 11 E S 6 B T.
- A pinon pine, 9 ins. diam., bears N.3°30'W., 192 lks. dist., mkd. T 23 S R 11 E S 31 B T.

Land, rolling and mountainous; drainage generally to the SE.; blue and gray limestone outcroppings.

Soil, red and light colored sand or sandy loam, several ft. deep in bottoms, more shallow on tops and slopes, 1st. and 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale and yellow top.

Grazing, fair to good growth of grama and bunch grass.

East, bet. secs. 5 and 32.

Over rolling land, through scattering to medium growth of timber and undergrowth; asc. SW. slope 40 ft.

- 4.50 Leave slope and desc. gradually along top of spur.
- 22.30 Saddle in spur, bears N. and S.; asc. 45 ft. to $\frac{1}{4}$ sec. cor
- 25.10 Leave top of spur and asc. gradually along S. slope.
- 30.00 Leave S. slope and asc. gradually over top of spur, projecting E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 7 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 32
 S 5
 1933

from which

- A pinon pine, 6 ins. diam., bears S.20°15'E., 25 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
- A pinon pine, 12 ins. diam., bears N54°00'W., 88 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

- Chains
- 41.40 Leave top of spur, 5 ft. above $\frac{1}{4}$ sec. cor., slopes NE.; desc. 135 ft.
 - 43.30 Leave limestone and enter sandstone formation on W. side of gulch.
 - 45.30 Wash, 70 lks. wide, 10 ft. deep, in bottom of gulch, drains NE. about 9 chs. dist., thence SE.; asc. 85 ft.
 - 48.40 Leave sandstone and enter limestone formation.
 - 51.30 Spur, projects N. about 8 chs. dist.; desc. gradually 65 ft. along E. slope.
 - 60.00 Small draw, drains N.; asc. 35 ft. along W. slope
 - 62.90 Top of ascent or low spur, projects N. about 10 chs. dist. desc. gradually 40 ft. over E. slope.
 - 71.40 Draw, drains N.; asc. W. slope 40 ft.
 - 76.90 Spur, projects N. about 7 chs. dist.; desc. 10 ft. to
 - 79.40 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

T 23 S	R 11 E
S 32	S 33 W
S 5	S 4 C
T 24 S	
1933	

from which

- A pinon pine, 3 ins. diam., bears N.27°30'E., 39 $\frac{1}{2}$ lks. dist., mkd. B T.
- A pinon pine, 8 ins. diam., bears S.75°30'E., 80 lks. dist., mkd. W C T 24 S R 11 E S 4 B T.
- A pinon pine, 10 ins. diam., bears S.59°00'W., 98 lks. dist., mkd. W C T 24 S R 11 E S 5 B T.
- A pinon pine, 7 ins. diam., bears N.51°30'W., 56 lks. dist., mkd. W C T 23 S R 11 E S 32 B T.

80.00 The true point for the cor. of secs. 4, 5, 32, and 33, falls on a crumbly sandstone outcropping, where it is impracticable to establish a cor. monument, or make a cross (X).

Land, rough and mountainous; outcroppings, broken, and perpendicular ledges of limestone, and sandstone formation on entire mile; drainage to the SE.

Soil, shallow red or light colored sand; 2nd. and 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, shadscale, and yellow top.

Grazing, scattering bunch grass.

From the true point for cor. of secs. 4, 5, 32, and 33, East, bet. secs. 4 and 33.
Desc. 45 ft. along N. slope, through scattering timber and undergrowth.

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

- Chains**
- 2.50 Draw, drains N.; asc. 30 ft. along **W.** slope.
 - 9.20 Spur, projects N. about 6 chs. dist.; desc. 200 ft. over **E.** slope.
 - 15.30 Slope becomes abrupt, changing from **E.** to N.
 - 24.40 Wash, 30 lks. wide, 12 ft. deep, in bottom of gulch or gorge, drains. **SE.**; asc. 25 ft.
 - 24.80 Rocky spur, slopes **S.** about 20 lks. dist.; desc. 20 ft.
 - 25.10 Wash, 70 lks. wide, 12 ft. deep, in bottom of gorge, drains southeasterly; asc. abruptly 205 ft.
 - 29.00 Top of broken sloping sandstone ledge, 190 ft. high, bears N. and southeasterly; asc. along gradual **S.** slope of broken top.
 - 33.30 Spur, slopes **S.** about 5 chs. dist.; desc. 5 ft. to
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- | | |
|------|----|
| S | 33 |
| S | 4 |
| 1933 | |
- from which
- A pinon pine, 10 ins. diam., bears **S.26°15'E.**, 40 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
 - A pinon pine, 8 ins. diam., bears **N.57°45'W.**, 10 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.
- 43.70 Small draw, 25 ft. above $\frac{1}{4}$ sec. cor., drains **S.** about 15 chs. dist. to main wash; asc. 25 ft.
 - 48.00 Spur, projects **S.** about 15 chs. dist., desc. 85 ft.
 - 74.20 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains southeasterly; asc. 40 ft.
 - 77.10 Spur, slopes **S.** about 5 chs. dist.; desc. 25 ft.
 - 78.40 Small draw, drains **S.** about 5 chs. dist. to main wash; asc. 10 ft. to
 - 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (**X**) on surface rock, and in mound of stone, 7 ft. base, 3 ft. high, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.
- | | |
|--------|--------|
| T 23 S | R 11 E |
| S 33 | S 34 |
| S 4 | S 3 |
| T 24 S | |
| 1933 | |
- from which
- A pinon pine, 9 ins. diam., bears **N.50°00'E.**, 140 lks. dist., mkd. T 23 S R 11 E S 34 B T.
 - A pinon pine, 6 ins. diam., bears **S.25°30'E.**, 19 lks. dist., mkd. T 24 S R 11 E S 3 B T.
 - A pinon pine, 8 ins. diam., bears **S.4°00'W.**, 85 lks. dist., mkd. T 24 S R 11 E S 4 B T.
 - A pinon pine, 5 ins. diam., bears **N.59°15'W.**, 33 lks.

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

Chains.

dist.; mkd. T 23 S R 11 E S 33 B T.

Land; rough and mountainous, draining to the SE.; light colored, gray, yellow, and red sandstone in the form of outcroppings, broken and sloping ledges, and large boulders. Surface rock exposed on nearly entire mile.

Soil, very shallow red sand in places, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush.

Grazing, very little bunch grass.

East, bet. secs. 3 and 34.

Over rough, broken, and mountainous land, through medium growth of timber and scattering undergrowth; asc. W. slope 10 ft.

- 4.60 Spur, projects S. about 8 chs. dist.; desc. E. slope 95 ft.
- 14.50 Wash, 25 lks. wide, 5 ft. deep, in bottom of draw, drains southeasterly; asc. abrupt E. slope 80 ft.
- 16.50 Top of abrupt ascent, bears N. and S.; asc. 15 ft. over small washes, spurs, and draws putting generally southwest-erly.
- 23.20 Spur, projects S. about 12 chs. dist.; desc. E. slope 45 ft.
- 26.90 Draw, drains S.; asc. W. slope 45 ft.
- 31.20 Spur, projects S. about 10 chs. dist.; desc. broken and rough E. slope 35 ft. to the true point for $\frac{1}{4}$ sec. cor.
- 34.40 Limestone capped dome, bears N. about 25 chs. dist.
- 38.40 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 6 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S 34 WC
S. 3
1933
- from which
- A pinon pine limb, 8 ins. diam., bears S. 38°00'E., 47 lks. dist., mkd. W C $\frac{1}{4}$ S 3 B T.
- A pinon pine limb, 6 ins. diam., bears N. 66°00'W., 74 lks. dist., mkd. W C $\frac{1}{4}$ S 34. B T.
- 40.00 True point falls on broken and sloping surface rock, where it is impracticable to establish a cor. monument or mark a cross (X), 35 ft. below witness cor. to the $\frac{1}{4}$ sec. cor.
- 40.30 Draw, 5 ft. below true point for $\frac{1}{4}$ sec. cor., drains SE.; asc. 20 ft.
- 51.00 Spur, projects S. about 15 chs. dist.; desc. 85 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) on surface rock, and in mound of stone, 6 ft. base, 3 ft. high, for cor. of secs. 2, 3, 34, and 35, with brass cap

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

Chains

mkd.

T 23 S R 11 E
 S 34 | S 35
 S 3 | S 2
 T 24 S
 1933

from which

A pinon pine, 3 ins. diam., bears N.68°00'E., 32½ lks. dist., mkd. B T.

A pinon pine, 3 ins. diam., bears S.65°30'E., 69½ lks. dist., mkd. B T.

A pinon pine, 3 ins. diam., bears S.23°15'W., 125 lks. dist., mkd. B T.

A pinon pine, 7 ins. diam., bears N.50°15'W., 129 lks. dist., mkd. T 23 S R 11 E S 34 B T.

Land, rough, broken, and mountainous, draining southeasterly; light colored, gray, yellow, and red sandstone in the form of outcroppings, broken and sloping ledges, and large boulders. Surface rock exposed on nearly entire mile.

Soil, very shallow red sand in places, 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, yellow top, shadscale, service berry bushes and mountain rush

Grazing, very little grass.

East, bet. secs. 2 and 35.

Over rough, broken, and mountainous land, through medium growth of timber and scattering undergrowth; desc. 45 ft.

- 1.50 Wash, 15 lks. wide, 3 ft. deep, in bottom of gorge, drains southeasterly; asc. abrupt W. slope 55 ft.
- 9.10 Spur, slopes S. about 3 chs. dist.; desc. E. slope 50 ft.
- 13.10 Wash, 15 lks. wide, 4 ft. deep, in bottom of gorge, drains southeasterly; asc. 60 ft.
- 24.00 Spur, projects S. about 10 chs. dist.; desc. 165 ft.
- 33.20 Top of sloping sandstone ledge or W. rim of gorge, 100 ft. high, bears N. and SW.
- 36.00 Wash, 30 lks. wide, 6 ft. deep, in bottom of gorge, drains southwesterly about 10 chs. dist., thence southeasterly; asc. steep W. slope 120 ft.
- 39.00 Top of sloping and broken sandstone ledge or E. rim of gorge, 100 ft. high, bears N. and S.; asc. 5 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in mound of stone, 7 ft. base, 3 ft. high, for ¼ sec. cor., with brass cap mkd.

S 35
 S 2
 1933

SOUTH BOUNDARY OF T. 23 S., R. 11 E.

Chains

from which

A pinon pine, 3 ins. diam., bears S.73°45'E., 10½ lks. dist., mkd. B T.

A cedar, 5 ins. diam., bears N.50°45'W., 50½ lks. dist. mkd. ¼ S 35 B T.

56.80 Spur, 60 ft. above ¼ sec. cor., projects S.; desc. gradually 120 ft., over E. slope.

79.40 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains SE.; asc. 20 ft. to top of ascent, bearing NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T 23 S	R 11 E
S 35	S 36
S 2	S 1
T 24 S	
1933	

from which

A pinon pine, 9 ins. diam., bears S.51°30'W., 42 lks. dist., mkd. T 24 S R 11 E S 2 B T.

No other trees available, suitable for marking.

Land, rough and mountainous, draining to the SE.; light colored, gray, yellow, and red sandstone in the form of outcroppings, broken and sloping ledges, and large boulders. Surface rock exposed on nearly entire mile.

Soil, very shallow red sand, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, blackbrush, mountain rush, and service berry bushes.

Grazing, sparse growth of bunch grass.

East, bet. secs. 1 and 36.

Over rough, broken, and mountainous land, through medium growth of timber, and scattering undergrowth; desc. 30 ft. over rough NE. slope.

3.00 A main wash, 30 lks. wide, 5 ft. deep, in bottom of small gorge, drains SE.; asc. SW. slope 100 ft.

20.00 Spur, projects SE.; desc. 70 ft.

32.80 Draw, drains SE.; asc. 15 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in mound of stone, 5 ft. base, 3 ft. high, for ¼ sec. cor., with brass cap mkd.

S 36
S 1
1933

from which

... SOUTH BOUNDARY OF T. 25 S., R. 11 E.

Chains

A pinon pine, 6 ins. diam., bears N.53°00'E., 36 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

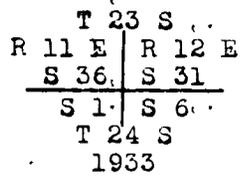
A pinon pine, 7 ins. diam., bears S.4°15'E., 97 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

55.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 15 chs. dist.; desc. 40 ft. over broken E. slope.

64.90 Wash, 25 lks. wide, 4 ft. deep, in bottom of gorge, drains SE.; asc. 60 ft. over abrupt and broken W. slope.

79.00 Spur, projects southeasterly; desc. 5 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of Tps. 23 and 24 S., Rs. 11 and 12 E., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears N.32°00'E., 36 lks. dist., mkd. T 23 S R 12 E S 31 B T.

A pinon pine, 9 ins. diam., bears S.60°00'E., 97 lks. dist., mkd. T 24 S R 12 E S 6 B T.

A pinon pine, 3 ins. diam., bears S.45°15'W., 104 lks. dist., mkd. B T.

A pinon pine limb, 9 ins. diam., bears N.62°30'W., 128 lks. dist., mkd. T 23 S R 11 E S 36 B T.

Land, rough and mountainous, draining to the SE.; light colored, gray, yellow, and red sandstone in the form of outcroppings, broken and sloping ledges, and large boulders. Surface rock exposed on nearly entire mile.

Soil, very shallow red sand in places, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, and some scattering service berry bushes.

Grazing, sparse growth of bunch grass.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

From the cor. of Tps. 23 and 24 S., Rs. 11 and 12 E., North, on a true line, along the E. bdy. of T. 23 S., R. 11 E., bet. secs. 31 and 35.

Over rough and broken land, through medium growth of timber and scattering undergrowth; asc. 20 ft.

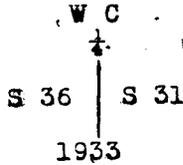
6.50 Old road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Mormon Tanks.

HERRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains

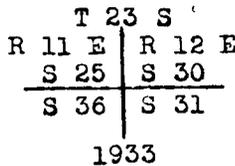
- 8.00 Spur, projects southeasterly; desc. 25 ft. over broken NW slope.
- 20.50 Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, heads NW. about 30 chs. dist., drains SE.; asc. 130 ft. to
- 39.60 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine, 4 ins. diam., bears N.69°15'E., 96 lks. dist., mkd. W C $\frac{1}{4}$ S 31 B T.
- A pinon pine, 6 ins. diam., bears S.73°45'W., 209 lks. dist., mkd. W C $\frac{1}{4}$ S 36 B T.

- 40.00 True point for $\frac{1}{4}$ sec. cor., falls in bottom of wash, 20 lks. wide, 3 ft. deep, 5 ft. above witness cor., draining SW.; asc. 50 ft.
- 44.70 Knoll, bears NW. about 6 chs. dist. and SE. about 7 chs. dist.; desc. abrupt N. slope 65 ft.
- 56.70 Head of draw, drains SE.; asc. 15 ft. along broken W. slope
- 66.20 Spur, projects SE. about 6 chs. dist.; desc. 110 ft.
- 77.30 Wash, 40 lks. wide, 5 ft. deep, in bottom of gorge, drain southeasterly; asc. abruptly 30 ft. over S. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) on surface rock, and in a mound of stone, 7 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.



from which

- A pinon pine, 3 ins. diam., bears S.42°30'E., 145 lks. dist., mkd. B T.
- A pinon pine, 6 ins. diam., bears S.48°45'W., 85 lks. dist., mkd. T 23 S R 11 E S 36 B T.

There are no trees available in secs. 25 and 30, suitable for marking.

Land, broken and rugged, except 33.00 chs. to 52.00 chs., which is broken and rolling. Surface rock exposed on greater portion of rugged 61.00 chs.; outcroppings, boulders, and broken and sloping ledges of varied colored sand stone, some shale on 33.00 chs. to 52.00 chs.; drainage southeasterly.

Soil, shallow red sand on rugged portions; deeper and rocky with shale on broken and rolling land, 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, yellow top, and

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains

service berry bushes.

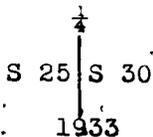
Grazing, very little grass on rugged portions; fair growth of bunch grass on broken and rolling land.

North, bet. secs. 25 and 30.

Over rugged and broken land, through medium growth of timber and scattering undergrowth; asc. SW. slope 105 ft.

38.90 Spur, projects NW. about 8 chs. dist.; desc. 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone, 2 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears S.82°30'E., 77 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

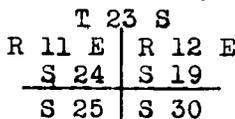
A pinon pine, 12 ins. diam., bears S.60°45'W., 38 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

48.00 Draw, 5 ft. below $\frac{1}{4}$ sec. cor, drains W. about 7 chs. dist. into a main gorge, draining southeasterly; asc. gradual S. slope 10 ft.

56.00 Top of ascent, bears NW. and SE.; desc. broken N. slope 75 ft.

69.30 Wash, 30 lks. wide, 4 ft. deep, in bottom of gorge, drains southeasterly; asc. abrupt S. slope 130 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) on surface rock, and in mound of stone, 7 ft. base, 2½ ft. high, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.



1933

from which

A pinon pine, 15 ins. diam., bears N.15°30'E., 74 lks. dist., mkd. T 23 S R 12 E S 19 B T.

A pinon pine, 7 ins. diam., bears S.55°45'E., 67 lks. dist., mkd. T 23 S R 12 E S 30 B T.

A pinon pine, 5 ins. diam., bears S.18°45'W., 74 lks. dist., mkd. T 23 S R 11 E S 25 B T.

A pinon pine, 6 ins. diam., bears N.40°45'W., 97 lks. dist., mkd. T 23 S R 11 E S 24 B T.

Land, rugged and broken, draining to the SE.; outcroppings, broken and sloping ledges of varied colored sandstone.

Soil, shallow red sand in places, lying on bedrock, 2nd. to 3rd. rate.

HENRY MOUNTAIN GUIDE MERIDIAN
EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains

Timber, cedar and pinon pine. and mixed growth
Undergrowth, black brush, mountain rush, yellow, top, and
service berry bushes.
Grazing, sparse growth of bunch grass.

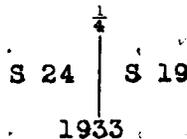
North, bet. secs. 19 and 24.

Over rough, rolling, and broken land, through medium growth
of timber and scattering undergrowth; asc. abrupt S. slope
290 ft.

29.10 S. edge of bench or mesa, bears N.30°W about 3 cha. dist.,
and S.80°E.; asc. 10 ft. over nearly level top.

32.80 N. edge of bench or mesa, bears NW. about 2 cha. dist.,
and SE.; desc. abrupt N. slope 200 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears N.34°45'E., 70 lks.
dist., mkd. $\frac{1}{4}$ S 19 B T.

A pinon pine, 4 ins. diam., bears S.57°15'W., 80 lks.
dist., mkd. $\frac{1}{4}$ S 24 B T.

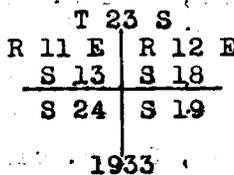
49.40 Wash, 25 lks. wide, 2 ft. deep, 25 ft. below $\frac{1}{4}$ sec. cor.,
in bottom of hollow, drains southeasterly; asc. gradual
S. slope 155 ft.

70.50 Spur, projects SE. about 6 cha. dist.; desc. NE. slope 5
ft.

73.20 Draw, heads NW. about 5 cha. dist., drains SE; asc. ab-
rupt SW. slope 140 ft.

77.80 S. rim of bench or mesa, bears SE. and SW.; asc. 5 ft.
over nearly level top

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock, and in mound of stone, 6 $\frac{1}{2}$ ft. base,
2 ft. high, for cor. of secs. 13, 18, 19, and 24, with
brass cap mkd.



from which

A pinon pine limb, 6 ins. diam., bears N.45°00'E., 82
lks. dist., mkd. T 23 S R 12 E S 18 B T.

A pinon pine limb, 6 ins. diam., bears S.25°30'E., 86 $\frac{1}{2}$
lks. dist., mkd. T 23 S R 12 E S 19 B T.

A pinon pine, 6 ins. diam., bears S.30°00'W., 137 lks.
dist., mkd. T 23 S R 11 E S 24 B T.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains

A pinon pine, 10 ins. diam., bears N.56°45'W., 71 lks. dist., mkd. T 23 S R 11 E S 13 B T.

Land, rough, rolling, and broken, draining to the SE.; outcroppings, and broken and sloping ledges of varied colored sandstone, limestone, and shale. Sandstone exposed on S. portion of S. half mile.

Soil, red sand, rocky in places, several ft. deep in bottoms, and more shallow on tops and slopes; 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

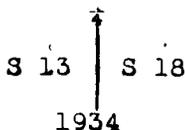
Undergrowth, black brush, mountain rush, yellow top, and shadscale.

Grazing, scattering to fair growth of bunch grass.

North, bet. secs. 13 and 18.

Over broken and rugged land, through medium growth of timber and scattering undergrowth; desc. gradually 5 ft.

- 1.10 N. rim of bench or mesa, bears NW. and SE.; desc. abrupt N. slope 205 ft.
- 10.70 Base of abrupt descent, bears NW. and SE.; desc. more gradually 105 ft. to.
- 28.70 S. rim of gulch, 10 ft. high, bears E. and W.; desc. abruptly.
- 29.30 Gulch, 60 ft. deep, drains easterly; asc. abruptly.
- 30.90 N. rim of gulch, 10 ft. high, bears E. and W.; asc. more gradually 20 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 5½ ft. base, 2½ ft. high, for ¼ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears N.62°30'E., 18 lks. dist., mkd. ¼ S 18 B T.

A pinon pine, 10 ins. diam., bears S.43°45'W., 39 lks. dist., mkd. ¼ S 13 B T.

- 45.70 Top of abrupt ascent, 20 ft. above ¼ sec. cor., bears E. and W.; leave rough surface rock and outcroppings, and asc. gradual S. slope 35 ft.
- 53.80 Top of ascent or saddle, bears E. and W., bet. one large mesa to the E. about 15 chs. dist., and one large mesa to the NW. about 25 chs. dist.; desc. 15 ft. to sec. cor., over gentle N. slope.
- 54.00 Timber becomes more scattering.
- 70.00 Leave timber and enter opening, bears E. and W.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 7, 12, 13, and 18, with brass cap mkd.



1934

from which

A cedar, 14 ins. diam., bears N.32°30'E., 106 lks. dist., mkd. T 23 S R 12 E S 7 B T.

A cedar, 12 ins. diam., bears S.43°15'E., 54 lks. dist., mkd. T 23 S R 12 E S 18 B T.

A cedar limb, 6 ins. diam., bears S.53°30'W., 393 lks. dist., mkd. T 23 S R 11 E S 13 B T.

A cedar limb, 7 ins. diam., bears N.70°15'W., 119 lks. dist., mkd. T 23 S R 11 E S 12 B T.

Land, rugged with surface rock and outcroppings, S. 45.70 chs.; gentle and gradual slopes, N. 34.30 chs.; general drainage E., S. 45.70 chs.; N. 34.30 chs. drain N. into Straight Wash, thence easterly; varied colored sandstone. Some blue limestone and shale on S. portion of mile.

Soil, red sand and red sandy loam, shallow on S. 45.70 chs., 8 to 30 ins. deep, lying on a yellow sand or on bedrock on N. 34.30 chs., 2nd. to 4th. rate.

Timber, cedar and pinon-pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes.

Grazing, gramma and bunch grass; scattering on rough portion.

North, bet. secs. 7 and 12.

Over gradual E. slope, through scattering growth of timber and undergrowth; desc. 125 ft. to $\frac{1}{4}$ sec. cor.

7.80 Enter a heavy growth of timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 7 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



1934

from which

A pinon pine, 6 ins. diam., bears N.6°00'E., 175 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

A pinon pine, 8 ins. diam., bears N.77°00'W., 73 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

42.20 Top of broken and sloping S. rim of gulch or gorge, 10 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; precipitous descent

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

- Chains of 250 ft.
- 48.20 Bottom of the gorge known as Straight Wash, drains south-easterly; asc. abruptly 270 ft. over series of perpendicular sandstone ledges.
- 55.10 Top of sandstone spur or N. edge or rim of the gulch or gorge, slopes W. about 4 chs. dist.; precipitous descent of 250 ft.
- 70.00 Bottom of the same gulch or gorge, drains southwesterly; asc. abrupt, broken S. slope 170 ft.
- 73.90 Top of sandstone spur or N. edge of gulch or gorge, slopes SE. about 3 chs. dist.; desc. gradual NE. slope 70 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 7 ft. base, 2½ ft. high, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T 23 S	
R 11 E	R 12 E
S 1	S 6
S 12	S 7

1934

from which

- A pinon pine, 3 ins. diam., bears N.46°30'E., 63 lks. dist., mkd. B T.
- A pinon pine, 5 ins. diam., bears S.55°30'E., 37 lks. dist., mkd. T 23 S R 12 E S 7 B T.
- A pinon pine, 8 ins. diam., bears S.58°00'W., 85 lks. dist., mkd. T 23 S R 11 E S 12 B T.
- A pinon pine, 3 ins. diam., bears N.58°45'W., 15 lks. dist., mkd. B T.

This cor. is located at the head of a small draw, draining SE.

Land, gentle N. slope, S. ¼ mile; red and yellow sandstone surface rock exposed on N. 10.00 chs. of S. ½ mile; rugged with ledges, outcroppings, and surface sandstone on N. ½ mile, except N. 6.00 chs.; general drainage easterly by Straight Wash.

Soil, red sand and red sandy loam, lying on bedrock or on yellow sand or yellow chalky clay on S. 30.00 chs.; shallow and surface sandstone exposed on remainder of mile, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush on S. 30.00 chs.; scattering black brush and service berry bushes on N. 50.00 chs.

Grazing, gramma and bunch grass, fair to good on S. 30.00 chs., sparse to fair on N. 50.00 chs.

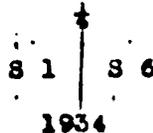
North, bet. secs. 1 and 6.

Over rough and broken general S. slope, through medium heavy growth of timber and scattering undergrowth; asc. 155 ft.

HENRY MOUNTAIN GUIDE MERIDIAN

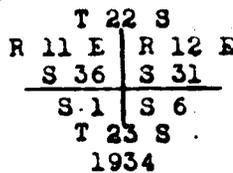
EAST BOUNDARY OF T. 22 S., R. 11 E.

- Chains
2.30 Head of rugged draw, drains southeasterly.
- 20.50 Top of saddle, bet. a butte to the NW., the SE. extremity of which is about 2½ chs. dist., and a knoll to the SE. about 2 chs. dist. The butte projects NW. about 10 chs. dist.; desc. abruptly 80 ft.
- 22.20 Base of abrupt descent, bears NW. and SE.; leave timber, bears NW. and SE.; desc. gradually over gentle N. slope, 65 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.



At the base of the monument, I deposit a sandstone, 5x4x1 ins., marked with a cross (X), as there are no other accessories available.

- 56.00 Swale, 10 ft. below ¼ sec. cor., drains W.; asc. gradually, 15 ft. over gentle SW. slope to Tp. cor.
- 75.00 Enter a medium heavy growth of timber, bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Tps. 22 and 23 S., Rs. 11 and 12 E., with brass cap mkd.



from which

- A pinon pine, 12 ins. diam., bears N.55°00'E., 55 lks. dist., mkd. T 22 S R 12 E S 31 B T.
- A pinon pine, 12 ins. diam., bears S.7°30'E., 202 lks. dist., mkd. T 23 S R 12 E S 6 B T.
- A pinon pine, 18 ins. diam., bears S.38°30'W., 203 lks. dist., mkd. T 23 S R 11 E S 1 B T.
- A pinon pine, 14 ins. diam., bears N.25°15'W., 212 lks. dist., mkd. T 22 S R 11 E S 36 B T.

Land, rugged SW. slope of Straight Wash or gorge, S. 6.00 chs.; gentle slopes of swale, N. 59.50 chs.; general broken S. slope, remainder of mile; outcroppings of varie colored sandstone and layers of blue shale, on S. 22.20 chs.; drainage into Straight Wash, thence easterly.

Soil, red sand and varied colored clays, about 6 ins. to 2 ft. deep, lying on bedrock or on layers of shale and sandstone, 3rd. and 4th. rate, on S. 22.20 chs.; red sand and red gandy loam, about 6 ins. to several ft. deep, lying on a yellow chalky clay or on bedrock, 1st. to 3rd. rate, on remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush;

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 23 S., R. 11 E.

Chains

some scattering black brush and service berry bushes on S. 22.20 chs.

Grazing, a fair growth of bunch and gramma grass.

NORTH BOUNDARY OF T. 23 S., R. 11 E.

From the cor. of Tps. 22 and 23 S., Rs. 11 and 12 E., I turn 90° from a flag previously located on the east bdy. of township, 23 south, range 11 east, and run

West, on random line making proper offsets to the north from the tangent to the parallel at intervals of 40.00 chs., setting temp. $\frac{1}{4}$ sec. and sec. cors. along the line bet. Tps. 22 and 23 S., R. 11 E. At 478.17 chs., the parallel intersects a N. and S. line, 19 lks. N. of the cor. of Tps. 22 and 23 S., Rs. 10 and 11 E.; which is an iron post, 3 ins. diam., extending 10 ins. above ground, firmly set, correctly mkd., and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124. The falling answers to a correction of 3.2 lks. per mile, counting from the point of beginning, and gives the bearing of the N. bdy. of the Tp. S. 89°59'W. I then return to the NE. cor. of the Tp.

Thence,

S. 89°59'W., bet: secs. 1 and 36; marking and blazing the true line.

Over gently rolling land, through scattering timber and undergrowth; desc. gradual SW. slope 50 ft.

- 2.50 Leave timber.
- 18.00 Swale, drains SW.; asc. gradual E. slope 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S \ 36}{S \ 1}$
 1934

At the base of the monument, I deposit a volcanic stone, 5x4x3 ins., marked with a cross (X), as there are no other accessories available.

- 60.20 Top of ascent, 15 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc. gradually 15 ft.
- 63.20 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains southwesterly; asc. 40 ft. to sec. cor.
- 79.10 Wash, 25 lks. wide, 2 ft. deep, drains southwesterly.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T 22 S R 11 E
 $\frac{S \ 35 \ | \ S \ 36}{S \ 2 \ | \ S \ 1}$
 T 23 S
 1934

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

from which

A cedar limb, 6 ins. diam., bears N.36°30'E., 90 lks. dist., mkd. T 22 S R 11 E S 36 B T.

A cedar, 3 ins. diam., bears S.26°00'E., 273 lks. dist., mkd. B T.

A pinon pine, 3 ins. diam., bears S.31°45'W., 61 lks. dist., mkd. B T.

There are no trees available in sec. 35, therefore, I raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, nearly level, rolling, and gently rolling, draining SW.; yellow sandstone and blue shale outcroppings.

Soil, red sand and sandy loam, about 1 to several ft. deep, lying on a yellow chalky clay or on bedrock, lat. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale and yellow top.

Grazing, a good growth of gramma grass.

S.89°59'W., bet. secs. 2 and 35.

Over rolling land, through scattering undergrowth; asc. E. slope 10 ft.

- 2.20 Top of ascent, bears N. and S.; desc. gradually 35 ft.
- 18.50 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 20 ft.
- 22.30 Top of ascent, bears N. and S; desc. gradually 50 ft.
- 33.70 Wash, 70 lks. wide, 6 ft. deep, in bottom of hollow, drain southeasterly; asc. gradual NW. slope 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

S 35

S 2

1934

from which

A cedar, 5 ins. diam., bears S.70°15'W., 378 lks. dist., mkd. ¼ S 2 B T.

A cedar limb, 7 ins. diam., bears N.50°15'W., 219 lks. dist., mkd. ¼ S 35 B T.

- 43.30 Top of gradual ascent, 10 ft. above ¼ sec. cor., bears NW. and SE.; enter a medium heavy growth of timber, bears NW. and SE.; begin precipitous ascent of 235 ft. over E. slope.
- 56.90 E. edge of bench or mesa, bears SE. about 8 chs. dist., thence westerly, and NW. about 20 chs. dist.; desc. gradually 35 ft. over nearly level top to sec. cor.
- 57.00 Timber becomes scattering, bearing NW. and SE.

NORTH BOUNDARY OF T. 23 S., R. 11 E.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 1/2 ft. high, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

T 22 S	R 11 E
S 34	S 35
S 3	S 2
T 23 S	
1934	

from which

A cedar, 6 ins. diam., bears S.76°15'W., 348 lks. dist., mkd. T 23 S R 11 E S 3 B T.

At the base of the monument, I deposit a sandstone, 6x4x1 ins., marked with a cross (X), as there are no other trees available.

Land, rolling, gently rolling, and level; outcroppings of yellow sandstone, volcanic rock, blue limestone, and shale; general drainage SE. into Straight Wash.

Soil, red sand and sandy loam, about 1 to several ft. deep, lying on a yellow chalky clay or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, fair to good growth of gramma and bunch grass.

S.89°59'W., bet. secs. 3 and 34.

Over gently rolling top of bench, through scattering timber and medium dense undergrowth; desc. gradual W. slope 50 ft. to 1/4 sec. cor.

15.50 Enter a patch of medium heavy timber, bears N. and SE.

19.00 About 3 chs. S. of line a large draw heads and drains S. into Straight Wash.

21.00 Leave timber, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, over a cross (X) chiseled into bedrock, for 1/4 sec. cor., with brass cap mkd.

S 34
S 3
1934

from which

A cedar, 14 ins. diam., bears N.9°00'W., 474 lks. dist., mkd, 1/4 S 34 B T.

There are no other trees within a reasonable distance suitable for marking.

From this cor. desc. gentle NW. slope 20 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

NORTH BOUNDARY OF T. 23 S., R. 11 E.

Chains

T 22 S	R 11 E
S 33	S 34
S 4	S 5
T 23 S	
1934	

At the base of the monument, I deposit a sandstone, 6x4 ins., marked with a cross (X), as there are no other accessories available.

Land, bench, gentle W. slope, E. $\frac{1}{4}$ mile; nearly level and gently rolling, W. $\frac{1}{4}$ mile; outcroppings of blue limestone, some yellow sandstone, and yellow volcanic stone.

Soil, red sand or red sandy loam, about 1 to several ft deep, lying on sandstone bedrock, 1st. and 2nd. rate.

Timber, cedar; a few pinon pine in small patches.

Undergrowth, medium dense growth of yellow top, shadscale and black sagebrush.

Grazing, fair to good growth of gramma grass.

S. 89°59'W., bet. secs. 4 and 33.

Over nearly level and gently rolling land, through medium dense undergrowth; desc. gradually 20 ft. to $\frac{1}{4}$ sec. cor.

28.90 Road, bears NE. to Castle Dale and Huntington, Utah, and SW. to Crawford Holes, Tan Seeps, Carter's Oil Well, and Mormon Tanks.

34.50 Branch of same road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 33
S 4
1934

from which

A cedar limb, 10 ins. diam., bears S. 7°30'E., 785 lks dist., mkd. $\frac{1}{4}$ S 4 B T.

There are no trees available for marking in sec. 33; therefore, at the base of the monument, I deposit a sandstone, 4x3x1 ins., marked with a cross (X).

56.00 Hollow, 20 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradually 10 ft. over E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5; 32, and 33, with brass cap mkd.

T 22 S	R 11 E
S 32	S 33
S 5	S 4
T 23 S	
1934	

from which

A pinon pine, 10 ins. diam., bears N: 19°30'E., 826 lks

NORTH BOUNDARY OF T. 23 S., R. 11 E.

Chains

dist., mkd. T 22 S R 11 E S 33 B T.

A cedar, 6 ins. diam., bears S.0°45'E., 649 lks.
dist., mkd. T 23 S R 11 E S 4 B T.

A pinon pine, 10 ins. diam., bears S.1°15'W., 530 lks.
dist., mkd. T 23 S R 11 E S 5 B T.

A pinon pine, 10 ins. diam., bears N.51°30'W., 543 lks.
dist., mkd. T 22 S R 11 E S 32 B T.

Land, rolling and gently rolling, draining generally to the SE.; outcroppings of blue limestone.

Soil, red sand or red sandy clay or loam, several ft. deep, lying on bedrock, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, and black brush.

Grazing, fair to good growth of graminæ grass.

S.89°59'W., bet. secs. 5 and 32.

Over gently rolling land, through medium dense undergrowth; asc. gradual E. slope 15 ft.

6.50 Spur, slopes S. about 3 chs. dist.; scattering growth of timber on spur; desc. 15 ft.

11.40 Draw, drains S.15°E.; asc. 55 ft.

28.00 Spur, slopes SE. about 5 chs. dist.; scattering timber along top; desc. 30 ft. to

40.00 In bottom of swale, draining southwesterly, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 32
 S 5
 1934

from which

A pinon pine, 13 ins. diam., bears S.46°00'E., 763 lks.
dist., mkd. $\frac{1}{4}$ S 5 B T.

A cedar limb, 6 ins. diam., bears N.49°45'W., 450 lks.
dist., mkd. $\frac{1}{4}$ S 32 B T.

57.80 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects S.; desc. 45 ft.

64.80 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains SE.; asc. gradually 15 ft. to sec. cor. over NE. slope.

72.10 Wash, 20 lks. wide, 5 ft. deep, drains southeasterly.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

T 22 S R 11 E /
 S 31 | S 32
 S 6 | S 5
 T 23 S
 1934

NORTE BOUNDARY OF T. 23 S., R. 11 E.

Chains

At the base of the monument, I deposit a volcanic stone, 5x3x3 ins., marked with a cross (X), as there are no other accessories available.

Land, rolling and gently rolling, draining generally to the SE.; outcroppings of blue limestone, and volcanic formation.

Soil, red sand or red sandy clay or loam, several ft. deep, lying on bedrock, 1st. to 3rd. rate.

Timber, a few cedar and pinon pine.

Undergrowth, yellow top, shadscale, and black brush.

Grazing, fair to good growth of gramma grass.

S.89°59'W., bet. secs. 6 and 31.

Over rolling land, through medium dense undergrowth; asc. gradually 25 ft. over general E. slope.

22.00 Low ridge, bears N.20°E. and S.20°W.; top covered with a scattering to medium growth of timber; desc. 20 ft. to $\frac{1}{4}$ sec. cor.

39.00 Enter a heavy growth of timber, bears N. and S.

39.50 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap mkd.

WC $\frac{1}{4}$ $\frac{S\ 31}{S\ 6}$
1934

from which

A pinon pine, 8 ins. diam., bears N.14°45'E., 55 lks. dist., mkd. W C $\frac{1}{4}$ S 31 B T.

A pinon pine, 7 ins. diam., bears S.52°45'W., 21 lks. dist., mkd. W C $\frac{1}{4}$ S 6 B T.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on N. edge of rugged boulder, 16x12x5 ft., where it is impracticable to establish a cor. monument or mark a cross (X).

41.70 Leave rolling land, 15 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW.; asc. abrupt and rugged SE. slope 260 ft.

49.10 Top of perpendicular conglomerate ledge, 70 ft. high, bears NE. and SW.; top of ascent, bears N. and S.; desc. 25 ft.

51.60 Head of rugged draw, drains N.; asc. 65 ft.

59.20 Ridge, bears N. and S.; desc. abrupt rough general NW. slope 265 ft. to Tp.cor.

71.40 Top of perpendicular sandstone ledge, 40 ft. high, bears N. and S.

74.70 Draw, heads S. about 3 chs. dist., drains N.

78.17 The cor. of Tps. 22 and 23 S., Rs. 10 and 11 E.

Land, rolling and gently rolling, E. 41.70 chs.; rugged and mountainous, with perpendicular ledges, and large

NORTH BOUNDARY OF T. 23 S., R. 11 E.

Chains

boulders on remainder of mile; outcroppings of varied colored sandstone, blue limestone, and volcanic formation; general drainage SE.

Soil, red sand and sandy loam, several ft. deep, lying on bedrock, 1st. to 2nd. rate, E. 41.70 chs.; shallow, rocky red sand, lying on bedrock on rugged and mountainous portion of mile, 3rd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, black sagebrush, service berry bushes, and black brush.

Grazing, fair to good growth of gramma grass.

SUBDIVISION OF T. 23 S., R. 11 E.

Commence the subdivisional survey at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., hereinbefore described.

N.0°01'W., bet. secs. 35 and 36.

Over rough and broken land, through scattering to medium growth of timber and undergrowth; desc. gradual NE. slope 20 ft.

- 3.80 A main wash, 30 lks. wide, 5 ft. deep, in bottom of small gorge, drains southeasterly; asc. S. slope 105 ft.
 - 19.10 Spur, slopes E. about 4 chs. dist.; desc. N. slope 45 ft.
 - 24.50 Wash, 10 lks. wide, 3 ft. deep, in bottom of hollow, heads NW. about 5 chs. dist., drains easterly; asc. 15 ft.
 - 27.20 Rocky point of spur, slopes E. about 2 chs. dist.; desc. N. slope 25 ft.
 - 29.00 Wash, 25 lks. wide, 3 ft. deep, in bottom of draw, drains southeasterly; asc. S. slope 65 ft.
 - 37.80 Spur, projects southeasterly; desc. NE. slope 80 ft. to
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap mkd.
- S 35 | S 36
1933
- from which
- A pinon pine, 6 ins. diam., bears N.74°45'E., 64 lks. dist., mkd. ¼ S 36 B T.
 - A pinon pine, 5 ins. diam., bears N.79°30'W., 70 lks. dist., mkd. ¼ S 35 B T.
 - 41.00 Wash, 20 lks. wide, 5 ft. deep, in bottom of draw, 10 ft. below ¼ sec. cor., drains southeasterly; asc. gradual SW. slope 65 ft.
 - 51.40 Spur, slopes E. about 3 chs. dist.; desc. N. slope 45 ft.

SUBDIVISION OF T 23 S., R. 11 E.

Chains

- 54.60 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains southeasterly; asc. gradual SW. slope 65 ft.
- 71.40 Old road, bears N.30°W. to Castle Dale and Huntington, Utah and S.60°E. to the Mormon Tanks.
- 76.10 Top of ascent on W. slope; desc. gradually 10 ft. over NW. slope.
- 80.00 Set an iron post, 5 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

T 23 S	R 11 E
S 26	S 25
S 35	S 36

1933

from which

- A pinon pine, 9 ins. diam., bears N.16°30'E., 60 lks. dist., mkd. T 23 S R 11 E S 25 B T.
- A pinon pine, 9 ins. diam., bears S.41°30'E., 253 lks. dist., mkd. T 23 S R 11 E S 36 B T.
- A pinon pine, 8 ins. diam., bears S.62°15'W., 227 lks. dist., mkd. T 23 S R 11 E S 35 B T.
- A pinon pine, 10 ins. diam., bears N.71°15'W., 112 lks. dist., mkd. T 23 S R 11 E S 26 B T.

Land, rugged and broken, S. 70.00 chs.; rolling, N. 10.00 chs.; general drainage to the SE. Surface sandstone exposed on nearly all of S. 70.00 chs.; outcroppings, broke and sloping ledges of varied colored sandstone.

Soil, shallow red sand in places on S. 70.00 chs.; rocky red sand about 3 ins. to 1½ ft. deep, lying on bedrock, 2nd. to 3rd. rate on N. 10.00 chs.

Timber, cedar and pinon pine.

Undergrowth, medium dense black brush and scattering mountain rush, and service berry bushes on S. 70.00 chs.; scattering to medium yellow top, shadscale, and mountain rush on N. 10.00 chs.

Grazing, sparse growth of bunch grass on S. 70.00 chs.; fair growth of gramma grass and bunch grass on N. 10.00 chs.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.

Thence,

S.89°56'W., on a true line bet. secs. 25 and 36.

Over rough and broken land, through scattering to medium growth of timber and undergrowth; desc. gradually 25 ft. over SW. slope.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 4.50 Wash, 40 lks. wide, 5 ft. deep, in bottom of draw, drains southeasterly; asc. E. slope 285 ft.
- 37.50 Spur, projects N. about 8 chs. dist.; desc. along gradual N. slope 5 ft. to
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S\ 25}{S\ 36}$
 1933

from which

A pinon pine, 10 ins. diam., bears N.39°45'W., 28 lks. dist., mkd. $\frac{1}{4}$ S 25 B T. ✓

A pinon pine limb, 6 ins. diam., bears S.43°00'W., 71 lks. dist., mkd. $\frac{1}{4}$ S 36 B T. ✓

- 55.60 Draw, 60 ft. below $\frac{1}{4}$ sec. cor., drains N.; asc. along N. slope 30 ft.
- 67.90 Spur, projects N. about 7 chs. dist., desc. abrupt NW. slope 120 ft.
- 78.00 Base of abrupt descent, bears NE. and SE.; desc. gradually 50 ft. over SW. slope to
- 80.02 The cor. of secs. 25, 26, 35, and 36.

Land, rolling, rough, and broken, with gray sandstone, blue limestone, and shale outcroppings and broken ledges, W. 57.50 chs.; rugged and broken with outcroppings and broken and sloping ledges of varied colored sandstone, E. 22.52 chs.; general drainage to the SE.

Soil, rocky red sand, about 3 ins. to 3 ft. deep, lying on a white chalky clay or on bedrock, 2nd. to 4th. rate, W. 57.50 chs.; shallow red sand in places on remainder of mile, 3rd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, scattering black brush, service berry bushes, and mountain rush; scattering yellow top and shadscale, W. 12 chs.

Grazing, scattering to fair growth of bunch grass.

N.0°01'W., bet. secs. 25 and 26.

Over rough and broken land, through scattering to medium growth of timber and undergrowth; desc. gradually 10 ft. over NW. slope.

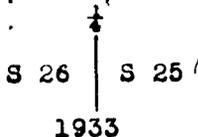
- 3.50 Swale; drains southwesterly; asc. gradually 75 ft.
- 20.50 Base of abrupt ascent, bears NE. and NW.; asc. abrupt S. slope 170 ft.
- 26.00 Leave timber; bears NE. and NW.
- 28.90 Top of ascent, on W. slope of butte; sandstone pillar on top of the butte, 30x30x8 ft., bears E. about 80 lks. dist. This butte is called the Lone Man; desc. abruptly 150 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

36.50 Base of abrupt descent, bears E. and SW.; desc. gradually 10 ft. over rolling land to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 5½ ft. base, 2½ ft. high, for ¼ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 4 ins. diam., bears S.28°30'E., 43 lks. dist., mkd. ¼ S 25 B T.

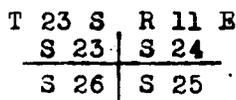
A pinon pine limb, 7 ins. diam., bears S.89°30'W., 105 lks. dist., mkd. ¼ S 26 B T.

46.50 Wash, 50 lks. wide, 4 ft. deep, in bottom of draw, 30 ft. below ¼ sec. cor.; heads westerly about 10 chs. dist., and drains easterly; asc. gradually 65 ft.

62.60 Top of ascent, bears E. and W.; desc. 15 ft.

77.80 Wash, 70 lks. wide, 8 ft. deep, in bottom of draw, heads westerly about 15 chs. dist., drains easterly; asc. gradually 10 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) on surface rock, and in a mound of stone, 5½ ft. base, 3 ft. high, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.



1933

from which

A pinon pine, 7 ins. diam., bears N.66°30'E., 78 lks. dist., mkd. T 23 S R 11 E S 24 B T.

A pinon pine, 16 ins. diam., bears S.48°30'E., 52 lks. dist., mkd. T 23 S R 11 E S 25 B T.

A pinon pine, 6 ins. diam., bears S.69°45'W., 106 lks. dist., mkd. T 23 S R 11 E S 26 B T.

A pinon pine, 7 ins. diam., bears N.60°00'W., 28 lks. dist., mkd. T 23 S R 11 E S 23 B T.

Land, rough, rolling, and broken, with outcroppings of gray, red, and yellow colored sandstone, blue limestone, and gray shale; general drainage easterly, thence south-easterly.

Soil, shallow red sand on rough portions, 1st. to 3rd. rate; rocky red sand about 2 ins. to 2 ft. deep, lying on bedrock or on a white chalky formation, 1st. to 4th. rate on rolling land.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, black brush, mountain rush, and service berry bushes.

Grazing, sparse to scattering growth of grama and bunch grass.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

N.89°56'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence,

S.89°57'W. on a true line bet. secs. 24 and 25.

Over rough and broken land, through a medium heavy growth of timber and scattering undergrowth; desc. SW. slope 130 ft.

14.90 Rugged gorge, drains southeasterly; asc. 105 ft. to $\frac{1}{4}$ sec. cor.

18.30 Wash, 10 lks. wide, 3 ft. deep, drains southeasterly.

39.98 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, $5\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 24
S 25
1933

from which

A pinon pine, 9 ins. diam., bears N.24°30'E., 109 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

A pinon pine, 18 ins. diam., bears S.22°45'E., 44 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

60.00 Top of ascent on gradual S. slope, 5 ft. above $\frac{1}{4}$ sec. cor.; desc. gradually 20 ft.

78.80 Rugged wash, 40 lks. wide, 8 ft. deep, in bottom of gulch, drains S.; asc. 15 ft. along general S. slope to

79.96 The cor. of secs. 23, 24, 25, and 26.

Land, broken and rugged with outcroppings, broken and sloping ledges of varied colored sandstone, E. 20.60 chs.; gently rolling S. slope remainder of mile; general drainage to the SE.

Soil, shallow red sand, 3rd. and 4th. rate, on E. 20.60 chs.; rocky red sand about 3 ins. to $1\frac{1}{2}$ ft. deep, lying bedrock or on a white chalky formation, 2nd. to 3rd. rate, on rolling land

Timber, cedar and pinon pine.

Undergrowth, scattering yellow top, shadscale, black brush, mountain rush, and service berry bushes.

Grazing, sparse to scattering growth of gramma and bunch grass.

N.0°01'W., bet. secs. 23 and 24.

Over rough and broken land, through scattering to medium growth of timber and undergrowth; asc. gradual S. slope 15 ft.

1.00 Top of ascent, bears E. and W.; desc. 10 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 2.90 Wash, 10 lks. wide, 2 ft. deep, drains S.20°E.
- 5.10 Wash, 30 lks. wide, 2 ft. deep; in bottom of draw, drains southeasterly; asc. 120 ft.
- 30.00 Top of ascent on NW. slope from point of ledge on extreme NW. point of butte or mesa, which bears SE. about 7 chs. dist.; desc. gradually 40 ft.
- 36.60 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. gradually 25 ft. over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 4½ ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap mkd.

S 23	↑	S 24
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1933

from which

A pinon pine limb, 4 ins. diam., bears S.65°30'E., 106 lks. dist., mkd. ¼ S 24 B T.

A cedar, 5 ins. diam., bears N.74°45'W., 87 lks. dist. mkd. ¼ S 23 B T.

- 46.60 Base of abrupt ascent, 60 ft. above ¼ sec. cor., bears NW and SE.; asc. abrupt S. slope 155 ft.
- 55.30 S. rim of bench or mesa, 10 ft. high, bears NW. and SE.; desc. gradually 10 ft. over top to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.

T 23 S	R 11 E
--------	--------

S 14	S 13
------	------

S 23	S 24
------	------

1933

from which

A cedar limb, 5 ins. diam., bears N.53°30'E., 328 lks. dist., mkd. T 23 S R 11 E S 13 B T.

A cedar, 10 ins. diam., bears S.37°00'E., 193 lks. dist., mkd. T 23 S R 11 E S 24 B T.

A cedar, 6 ins. diam., bears S.69°00'W., 212 lks. dist., mkd. T 23 S R 11 E S 23 B T.

A pinon pine, 8 ins. diam., bears N.73°15'W., 275 lks. dist., mkd. T 23 S R 11 E S 14 B T.

Land, rolling and broken; general drainage to the SE.; outcroppings of yellow and gray sandstone, surface rocky in places with yellow and blue limestone, and gray shale.

Soil, gravelly and rocky red sand and red sandy loam about 6 ins. to 3 ft. deep on slopes to several ft. deep in bottoms, lying on bedrock; shallow red sand to bedrock on top of bench or mesa; subsoil of varied colored clays in places. 2nd. to 4th. rate.

Timber, scattering to heavy cedar and pinon pine.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

Undergrowth, shadscale, yellow top, and mountain rush.
Grazing, fair to good growth of gramma and bunch grass.

N.89°57'E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.93 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18, 19, and 24, hereinbefore described.

Thence,

S.89°56'W., on a true line bet. secs. 13 and 24.

Over rolling and broken land, through scattering to medium growth of timber and undergrowth; asc. gradually 10 ft. over top of bench or mesa.

21.50 W. edge of bench or mesa, bears NW. and SE.; desc. abrupt SW. slope 175 ft.

35.80 Base of abrupt descent, bears NW. and SE.; desc. more gradual SW. slope 15 ft. to

39.965 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{S\ 13}{S\ 24} \\ 1933 \end{array}$$

from which

A pinon pine, 12 ins. diam., bears N.70°00'E., 419 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

A pinon pine limb, 10 ins. diam., bears S.47°00'W., 510 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

42.00 Wash, 10 lks. wide, 1 ft. deep, in bottom of hollow, 10 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. abruptly 190 ft.

62.80 E. rim of bench or mesa, 10 ft. high, bears NW. and SE.; asc. gradually 25 ft. to

79.93 The cor. of secs. 13, 14, 23, and 24.

Land, rolling and mountainous, with nearly level tops of benches or mesas; general drainage southeasterly; outcroppings of gray and yellow sandstone, blue limestone, gray shale, and purple and yellow volcanic stone.

Soil, gravelly and rocky red sand and sandy loam, about 3 ins. to 4 ft. deep on slopes, lying on bedrock or on a white chalky formation, 3rd. rate; red sandy loam several ft. deep in bottom of hollow; shallow red sand, 6 ins. to 3 ft. deep, lying on bedrock on tops of benches or mesas; 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, and black brush.

. . . SUBDIVISION OF T. 25 S., R. 11 E.

Chains

Grazing, gramma and bunch grass; scattering to fair on top of benches or mesas; good to excellent on slopes and in bottom of hollow.

N.0°01'W., bet. secs. 13 and 14.

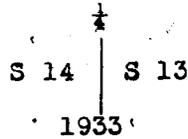
Over nearly level top of bench or mesa; through scattering timber and dense short undergrowth; desc. gradually 15 ft.

11.80 N. rim of bench or mesa, 10 ft. high, bears NW. and SE.; desc. abrupt NE. slope 100 ft.

22.40 Head of draw, drains NW.; asc. 50 ft.

29.10 Spur, slopes W. about 3 chs. dist.; desc. gradual NW. slope 70 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd:



from which

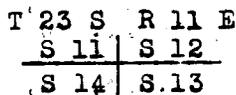
A cedar, 6 ins. diam., bears N.33°45'W., 89 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

A pinon pine, 12 ins. diam., bears S.10°45'E., 242 lks dist., mkd. $\frac{1}{4}$ S 13 B T.

41.90 Swale, 15 ft. below $\frac{1}{4}$ sec. cor.; drains NW. about 8 chs. dist. to a main hollow, thence northerly; asc. 50 ft.

65.40 Spur, from mesa, projects NW. about 8 chs. dist.; desc. NE. slope 55 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.



1933

from which

A cedar, 12 ins. diam., bears S.67°45'E., 590 lks. dist., mkd. T 23 S R 11 E S 13 B T.

A cedar, 12 ins. diam., bears S.21°30'W., 510 lks. dist., mkd. T 23 S R 11 E S 14 B T.

At the base of the monument, I deposit a sandstone, 4x3x1 ins., marked with a cross (X), as there are no other accessories available.

Land, rolling and gently rolling; nearly level tops and abrupt slopes of benches or mesas; outcroppings of blue limestone and shale; general drainage northerly into Straight Wash.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

Soil, gravelly and rocky red sand and sandy loam, about 3 ins. to 4 ft. deep, lying on bedrock or on a white chalky formation on slopes; red sandy loam several ft. deep in bottoms; shallow red sand, 6 ins. to 3 ft. deep, lying on bedrock on tops of benches or mesas. 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, mountain rush, shadscale, and yellow top.

Grazing, scattering to good growth of gramma and bunch grass.

N.89°56'E., on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 7, 12, 13, and 18, hereinbefore described.

Thence,

S.89°59'W., on a true line bet. secs. 12 and 13.

Asc. gradually 50 ft., through medium heavy growth of timber and scattering undergrowth; over E. slope

13.40 Base of abrupt ascent, bears N.20°E. and S.20°W.; asc. abruptly 200 ft.

23.90 Top of abrupt ascent or E. edge of bench or mesa, bears N.20°E. and S.20°W.; enter heavy growth of timber, bears N. and S.; desc. gradually 10 ft. over nearly level top to

36.10 W. rim of bench or mesa, 10 ft. high, bears NW. and SE.; leave heavy timber, bears NW. and SE., and enter scattering; desc. abrupt SW. slope 100 ft. to

39.95 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 12
+ S 13
1934

from which

A pinon pine, 4 ins. diam., bears N.39°00'E., 88 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

A pinon pine, 12 ins. diam., bears S.38°00'W., 11 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

48.60 Base of abrupt descent, 100 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradual SW. slope 60 ft.

67.20 Wash, 15 lks. wide, 2 ft. deep, in bottom of hollow, drains NW.; asc. gradual NE. slope 15 ft. to

79.90 The cor. of secs. 11, 12, 13, and 14.

Land, rolling and gently rolling; nearly level tops and abrupt slopes of benches or mesas; outcroppings of blue limestone and shale; general drainage N., NE., and NW. into Straight Wash, thence easterly.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

Soil, gravelly and rocky red sand and sandy loam about 6 ins., to 3 ft. deep on slopes to several ft. deep in bottoms, lying on bedrock; shallow red sand to bedrock on top of bench or mesa; subsoil of varied colored clays in places. 1st. to 4th. rate.

Timber, scattering to heavy growth of cedar and pinon pine

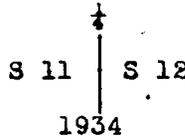
Undergrowth, scattering to medium dense mountain rush, shadscale, and yellow top.

Grazing, scattering to good growth of gramma and bunch grass.

N.0°01'W., bet. secs. 11 and 12.

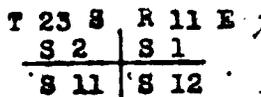
Over rolling land, through scattering timber and undergrowth; desc. gradual NE. slope 25 ft.

- 7.90 Swale, drains NW. about 10 chs. dist. into main hollow, thence N.; asc. 25 ft.
- 16.90 Spur, slopes NW. about 5 chs. dist.; desc. gradual N. slope 40 ft. to $\frac{1}{4}$ sec. cor.
- 27.10 Wash, 20 lks. wide, 4 ft. deep, drains northwesterly.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



There are no trees available for marking, therefore, at the base of the monument, I deposit a limestone, 4x4x1 ins., marked with a cross (X).

- 44.50 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, 10 ft below $\frac{1}{4}$ sec. cor., drains westerly; enter a heavy growth of timber, bears NE. and SW.; asc. 25 ft. along E. and SE. slope of butte to
- 51.10 Base of abrupt ascent, bears NE. and SW.; asc. SE. slope 155 ft.
- 66.40 Top of ascent, bears NW. and S.; desc. precipitous general NE. slope 210 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.



1934

from which

A pinon pine, 12 ins. diam., bears N.6°00'E., 210 lks. dist., mkd. T 23 S R 11 E S 1 B T.

A cedar, 8 ins. diam., bears S.76°00'E., 58 lks.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

dist., mkd. T 23 S R 11 E S 12 B T.

A cedar, 6 ins. diam., bears S.70°45'W., 93 lks.
dist., mkd. T 23 S R 11 E S 11 B T.

A pinon pine, 14 ins. diam., bears N.82°30'W., 174 lks.
dist., mkd. T 23 S R 11 E S 2 B T.

Land, rolling, S. 51.10 chs.; abrupt rough slopes of butte N. 28.90 chs.; outcroppings of varied colored sandstone, blue limestone, shale, and conglomerate of sandstone and volcanic formation; general drainage, NW, N., and NE. into Straight Wash, thence easterly and southeasterly.

Soil, red sand and red sandy loam, varying from a few ft. to several ft., lying on a yellow chalky clay subsoil or on bedrock or on alternate layers of shale, gravel and sandstone, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, scattering growth of shadscale, yellow top, and mountain rush; service berry bushes and black brush on N. 1/4 mile.

Grazing, gramma and bunch grass; good on S. 51.10 chs.; scattering on N. 28.90 chs.

N.89°59'E., on a random line bet. secs. 1 and 12

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 1, 6, 7, and 12, hereinbefore described.

Thence,

N.89°59'W., on a true line bet. secs. 1 and 12.

Over rough and broken land, through heavy growth of timber, and scattering undergrowth; asc. 25 ft. along rough S. slope.

4.90 Top of ascent on general SW. slope, desc. 65 ft. to

31.50 A broken and nearly perpendicular sandstone ledge or E. rim of Straight Wash or gorge, 70 ft. high, bears NW. and SE.; desc. broken W. slope 180 ft.

34.80 Wash, 20 lks. wide, 4 ft. deep, in bottom of Straight Wash ~~gorge~~, drains SE.; precipitous ascent of 175 ft.

38.10 A broken and nearly perpendicular sandstone ledge or W. rim of Straight Wash or gorge, 70 ft. high, bears NW. and SE.; desc. gradually 30 ft. to

39.96 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 6 ft. base, 2 1/2 ft. high, for 1/4 sec. cor., with brass cap mkd.

S 1
S 12
1934

from which

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

A pinon pine, 4 ins. diam., bears N.42°00'E., 67 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

A pinon pine, 10 ins. dia., bears S.14°00'W., 121 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

- 50.50 Draw, 50 ft. below $\frac{1}{4}$ sec. cor., drains N.; asc. 60 ft.
- 56.90 Spur, projects N. about 10 chs. dist.; desc. 30 ft.
- 60.80 Draw, drains northeasterly; asc. 50 ft.
- 77.80 Spur, projects NW.; desc. 15 ft. to
- 79.92 The cor. of secs. 1, 2, 11, and 12.

Land, rough and broken, draining generally to the E. and SE.; varied colored sandstone and conglomerate surface rock and outcroppings.

Soil, very shallow red sand, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush and service berry bushes.

Grazing, scattering to fair growth of gramma and bunch grass.

North, on a random line bet. secs. 1 and 2.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.99 Intersect N. bdy of Tp., 9 lks. E. of the cor. of secs. 1, 2, 35, and 36, hereinbefore described.
- Thence,
- S.0°04'E., on a true line bet. secs. 1 and 2.
- Over rolling and broken land, through scattering undergrowth; desc. gradual SE. slope 10 ft.
- 0.20 Shallow wash, 15 lks. wide, 1 ft. deep, in bottom of draw drains SW.; asc. 25 ft.
- 6.00 Top of low spur, slopes SW. about 3 chs. dist.; desc. 25 ft.
- 14.00 Hollow or swale, drains southwesterly; asc. gradually 10 ft.
- 20.50 Base of abrupt ascent, bears E. and W.; asc. precipitous N. slope 215 ft.
- 30.30 N. edge of butte, bears NW. and SE.; asc. gradually 10 ft. over top
- 33.40 S. rim of butte, 15 ft. high, bears NW, about 2 chs. dist. and SE. about 5 chs. dist.; abrupt descent of 190 ft. over general S. slope to
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

S 2 | S 1

1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

42.30 Base of abrupt descent, 40 ft. below ¼ sec. cor., bears NW. and SE.; desc. gradually 20 ft.

49.50 Wash, 25 lks. wide, 8 ft. deep, drains westerly.

52.50 Top of perpendicular ledge or N. rim of Straight Wash, 100 ft. high, bears N.70°W. and S.70°E.; precipitous descent of 120 ft.

56.60 Bottom of Straight Wash, drains S.70°E.; steep ascent of 120 ft.

59.30 Top of perpendicular ledge or S. rim of Straight Wash, 100 ft. high, bears N.70°W. and S.70°E.; asc. more gradually 90 ft.

72.20 Spur, from the SE., projects W. about 8 chs. dist.; desc. 40 ft.

76.00 Draw, drains NW.; asc. 20 ft.

77.80 Spur, slopes NW. about 1 ch. dist.; desc. 10 ft.

79.30 Draw, drains NW.; asc. NE. slope 5 ft. to

79.99 The cor. of secs. 1, 2, 11, and 12.

Land, broken and rolling; outcroppings of gray and yellow sandstone and conglomerate formation; surface rock on nearly all of the S. ½ mile; general drainage E. and southeasterly by Straight Wash.

Soil, red sand and sandy loam, varying in depth from a few ins. on slopes, to several ft. in bottoms, lying on a yellow chalky clay or bedrock or on alternate layers of shale, gravel, and sandstone, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, service berry bushes, and black brush.

Grazing, sparse to a good growth of gramma and bunch grass.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., hereinbefore described,

N.0°01'W., bet. secs. 34 and 35.

Over rough and broken land, through medium growth of timber and scattering undergrowth; desc. NE. slope 30 ft.

6.30 Wash, 20 lks. wide, 3 ft. deep, in bottom of gorge, drains southeasterly; asc. S. slope 160 ft.

27.79 From this station, a rock monument on S. end of the N. Twin Butte, bears N.73°57'W; the S. upright on Carter's

SUBDIVISION OF T. 28 S., R. 11 E.

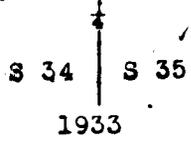
Chains

Oil Well derrick, bears N.86°53'W.; the rock monument, on N. end of S. Twin Butte, bears S.83°27'W.

27.90 Spur, projects southeasterly; desc. gradually 5 ft.

33.40 Draw, drains southeasterly; asc. gradual SW. slope 10 ft. to.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over a cross on surface rock, and in a mound of stone, 6 1/2 ft. base, 2 ft. high, for 1/4 sec. cor., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears S.76°15'E., 81 lks. dist., mkd. 1/4 S 35 B T.

A pinon pine, 6 ins. diam., bears N.58°30'W., 80 lks. dist., mkd. 1/4 S 34 B T.

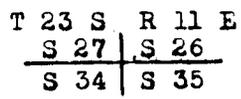
41.50 Spur, 10 ft. above 1/4 sec. cor., projects SE. about 10 ch. dist.; desc. gradually 150 ft.

64.90 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drain southeasterly; asc. abrupt S. slope 145 ft.

71.10 Spur, projects SL.; desc. abrupt N. slope 85 ft.

76.90 Wash, 20 lks. wide, 5 ft. deep, in bottom of gorge, drain southeasterly; asc. SW. slope 45 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) on surface rock, and in a mound of stone, 7 ft. base 2 1/2 ft. high, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.



1933

Impracticable to determine bearings to trees on account of rugged country.

Land, rugged and broken by draws and gorges, draining generally to the SE.; outcroppings, and large boulders and broken and sloping ledges of brown, red, gray, and yellow sandstone; mostly surface rock exposed on entire mile.

Soil, shallow red sand, lying on bedrock in places, 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, shadscale, yell. top, and service berry bushes.

Grazing, scattering bunch grass and sand grass.

East, on a random line betw. secs. 26, and 35.

Chains

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence,

N. 89° 57' W., on a true line bet. secs. 26 and 35.

Over rolling, rough, and broken land, through medium growth of timber and scattering undergrowth; desc. 75 ft.

12.00 Old road, bears N. to Castle Dale and Huntington, Utah, and S. to the Mormon Tanks.

2.00 Wash, 10 lks. wide, 2 ft. deep; drains SW.

13.20 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains southeasterly; asc. gradually 65 ft.

28.00 Spur, slopes SE. about 3 chs. dist.; desc. gradual SW. slope 5 ft. to

40.02 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 26
S 35
1933

from which

A pinon pine, 11 ins. diam., bears N. 57° 00' W., 32 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

A pinon pine, 9 ins. diam., bears S. 41° 45' W., 148 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

51.60 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc. gradually 20 ft.

61.00 Draw, drains SW. about 15 chs. dist., thence southeasterly; asc. 5 ft. to

67.00 Spur, slopes S. about 3 chs. dist.; desc. 55 ft.

71.50 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains SW. about 15 chs. dist., thence southeasterly; asc. abruptly 60 ft.

73.20 Rocky spur, slopes SE. about 5 chs. dist.; desc. along SW. slope 40 ft. to

80.04 The cor. of secs. 26, 27, 34, and 35.

Land, rolling; E. 2.50 chs.; rugged and broken, W. 77.50 chs.; general drainage to the SE. Surface sandstone exposed on nearly all of mile.

Soil, rocky red sand about 3 ins. to 1 $\frac{1}{2}$ ft. deep on E. 2.50 chs.; shallow red sand in places on W. 77.50 chs., 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, scattering to medium yellow top shadscale, mountain rush, black brush, and service berry bushes.

Grass; fair growth of gramma grass and bunch grass.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

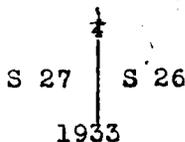
N.0°01'W., bet. secs. 26 and 27.
 Over rough and broken land, through medium growth of timber and scattering undergrowth; asc. 65 ft. over abrupt SW. slope.

6.00 Spur, projects SE. about 12 chs. dist.; desc. NE. slope 30 ft.

8.40 Draw, heads NW. about 5 chs. dist., drains SE.; asc. gradual S. slope 155 ft. to $\frac{1}{4}$ sec. cor.

23.90 Leave rough and broken land and enter rolling, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 5 $\frac{1}{2}$ ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears N.75°30'E., 66 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

A pinon pine, 8 ins. diam., bears S.86°45'W., 114 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

From this $\frac{1}{4}$ sec. cor., continue gradual ascent of 65 ft. over SE. slope.

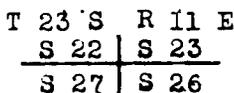
48.00 Leave heavy timber and enter scattering, bears E. and W.

50.20 Begin abrupt ascent of 165 ft. over SE. slope.

57.20 S. edge of bench or mesa, bears NE., and SW. about 4 chs. dist., thence northwesterly; asc. 20 ft. over nearly level top to sec. cor.

59.20 Enter medium heavy growth of timber, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.



1933

from which

A cedar, 8 ins. diam., bears N.66°30'E., 370 lks. dist., mkd. T 23 S R 11 E S 23 B T.

A cedar, 8 ins. diam., bears S.46°30'E., 194 lks. dist., mkd. T 23 S R 11 E S 26 B T.

A cedar, 16 ins. diam., bears S.67°30'W., 136 lks. dist., mkd. T 23 S R 11 E S 27 B T.

A cedar, 6 ins. diam., bears N.69°30'W., 177 lks. dist., mkd. T 23 S R 11 E S 22 B T.

Land, rugged and broken, S. 23.90 chs.; rolling steep slope and level top of bench or mesa, N, 56.10 chs.;

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

general drainage southeasterly; outcroppings, broken and sloping ledges and surface rock of varied colored sandstone, S. 23.90 chs.; gray and yellow sandstone, limestone, and gray shale on N. 56.10 chs.

Soil, shallow red sand, lying on bedrock on S. 23.90 chs.; red sand, varying from a few inches to about 2 ft. deep, lying on bedrock or on a white chalky formation, 2nd. to 4th. rate, remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes.

Grazing, gramma and bunch grass, sparse on S. 23.90 chs.; fair to excellent on N. 56.10 chs.

S.89°57'E., on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.01 Intersect N. and S. line, 7 lks. N. of cor. of secs. 23, 24, 25, and 26.

Thence,

N.89°54'W., on a true line bet. secs. 23 and 26.

Over rolling and broken land, through a medium heavy growth of timber and scattering undergrowth; desc. gradually 25 ft. along gentle S. slope.

8.30 Wash, 80 lks. wide, 6 ft. deep, in bottom of draw, drains southeasterly; asc. gradually 155 ft. to $\frac{1}{4}$ sec. cor.

22.70 Old road, bears NW. to Castle Dale and Huntington, Utah, and SE. to the Mormon Tanks.

40.005 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap rkd.

S 23
+ S 26
1933

from which

A pinon pine, 6 ins. diam., bears N.47°00'E., 229 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

A pinon pine, 7 ins. diam., bears S.9°15'E., 95 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

51.60 Top of NW. extremity of bench or mesa, 160 ft. above $\frac{1}{4}$ sec. cor., bears northwesterly about 1 ch. dist. and southeasterly; desc. 130 ft. over abrupt SW. slope.

60.00 Draw, drains southeasterly; asc. abruptly 170 ft. over NE. slope.

71.80 Top of E. edge of bench or mesa, bears NW. about 4 chs. dist., thence northwesterly, and SE.; asc. gradually 20 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains
80.01

The cor. of secs. 22, 23, 26, and 27.

Land, rolling, rough, and broken, draining generally to the SE.; outcroppings, broken and sloping ledges of gray and yellow sandstone, blue limestone, blue and gray shal

Soil, red sand, varying from surface rock to about 2 ft. deep, lying on bedrock or on a white chalky formation, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes.

Grazing, scattering to excellent growth of bunch grass and gramma grass.

N.0°01'W., bet. secs. 22 and 23.

Over nearly level top of bench or mesa, through scattered timber and undergrowth; asc. 10 ft.

8.00 N. edge of bench or mesa, bears E. and W.; desc. gradual N. slope 60 ft.

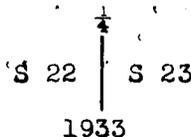
24.10 Head of draw, drains southeasterly.

27.30 Narrow neck of spur, projects E. about 30 or 40 chs. dis where it connects with a bench or mesa, bearing E. and W desc. abruptly 70 ft. over N. slope.

29.60 Head of draw; drains northeasterly; asc. abruptly 40 ft.

32.40 Spur, slopes E. about 4 chs. dist.; desc. abruptly over N. slope 95 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar, 6 ins. diam., bears S.78°15'E., 43 lks. dist., mkd. $\frac{1}{4}$ S-23 B T.

A cedar, 8 ins. diam., bears S.84°15'W., 87 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

40.20 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. abruptly 15 ft.

46.70 Spur, projects E. about 6 chs. dist.; desc. abruptly 150 ft.

58.60 Old road, bears N.70°W. to Castle Dale and Huntington, Utah, and S.70°E. to the Mormon Tanks.

60.10 Wash, 20 lks. wide, 4 ft. deep, in bottom of hollow, drains southeasterly; asc. abruptly 205 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 64.90 Enter heavy growth of timber, bears E. and W.
- 72.40 S. edge of bench or mesa, bears N.80°E. about 4 chs. dist. thence southeasterly, and S.80°W.; asc. gradually 5 ft. over top of bench to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap mkd.

T 23 S	R 11 E
S 15	S 14
S 22	S 23

1933

from which

- A pinon pine, 6 ins. diam., bears N.60°30'E., 186 lks. dist., mkd. T 23 S R 11 E S 14 B T.
- A pinon pine limb, 7 ins. diam., bears S.42°15'E., 84 lks. dist., mkd. T 23 S R 11 E S 23 B T.
- A pinon pine, 8 ins. diam., bears S.57°15'W., 337 lks. dist., mkd. T 23 S R 11 E S 22 B T.
- A pinon pine limb, 8 ins. diam., bears N.35°15'W., 171 lks. dist., mkd. T 23 S R 11 E S 15 B T.

Land, rolling, gently rolling, and mountainous, with nearly level benches or mesas; general drainage southeasterly; outcroppings of light colored and yellow sandstone, gray shale, and surface rock of yellow limestone.

Soil, gravelly and rocky red sand and red sandy loam, about 6 ins. to 3 ft. deep on slopes on tops, several ft. deep in bottoms, lying on a clay subsoil, a white chalky formation or on bedrock, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a good to excellent growth of gramma grass.

S.89°54'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 13, 14, 23, and 24.

Thence,

N.89°53'W., on a true line bet. secs. 14 and 23.

Over nearly level and gently rolling top of bench or mesa, through medium growth of timber and scattering undergrowth; desc. gentle W. slope 15 ft. to

40.05 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 14
S 23
1933

SUBDIVISION OF T. 23 N., R. 11 E.

Chains

from which

A cedar, 6 ins. diam., bears S. 17° 00' W., 113 lks.
dist., mkd. $\frac{1}{4}$ S 23 B T.

A cedar, 6 ins. diam., bears N. 27° 45' W., 137 lks.
dist., mkd. $\frac{1}{4}$ S 14 B T.

50.10 Head of draw, 30 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradually 10 ft. over E. slope.

51.80 Top of ascent, bears N. and S.; desc. gradually 15 ft. over W. slope to

80.10 The cor. of secs. 14, 15, 22, and 23.

Land, nearly level and gently rolling top of bench or mesa, draining to the SE.; outcroppings and surface rock of sandstone, blue limestone, and gray shale.

Soil, rocky red sand, and red sandy loam, about 2 ins. to 2 ft. deep, lying on bedrock or on a white chalky formation, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, scattering to good growth of gramma and bunch grass.

N. 0° 01' W., bet. secs. 14 and 15.

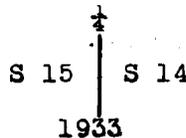
Over gently rolling top of bench or mesa, through medium heavy growth of timber and scattering undergrowth; desc. gradually 55 ft. to

23.90 N. edge of bench or mesa, bears NW. and SE.; desc. abruptly 75 ft. over NE. slope.

27.30 Draw, drains NW. about 12 chs. dist. to junction of a draw from the SW., thence drains northerly; asc. 70 ft.

33.10 Spur, projects NW. about 8 chs. dist.; desc. abrupt NE. slope 30 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears S. 75° 00' E., 84 lks.
dist., mkd. $\frac{1}{4}$ S 14 B T.

A pinon pine, 10 ins. diam., bears S. 77° 30' W., 20 lks.
dist., mkd. $\frac{1}{4}$ S 15 B T.

43.70 Draw, 70 ft. below $\frac{1}{4}$ sec. cor., drains NW.; asc. 105 ft.

47.80 Top of ascent on W. slope; desc. 75 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 53.70 Mouth of hollow, drains NW.; asc. 60 ft.
- 60.80 Spur, projects NW. about 2 chs. dist., thence slopes off to the NW. approximately 2 chs. dist.; desc. abruptly 80 ft.
- 74.40 Base of abrupt descent, bears NW. and SE.; desc. gradual NW. slope 15 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1½ ft. high, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.

T 23 S	R 11 E
S 10	S 11
S 15	S 14

1933

from which

- A pinon pine, 5 ins. diam., bears N.64°30'E., 219 lks. dist., mkd. T 23 S R 11 E S 11 B T.
- A cedar limb, 8 ins. diam., bears S.40°30'E., 414 lks. dist., mkd. T 23 S R 11 E S 14 B T.
- A pinon pine, 14 ins. diam., bears S.29°15'W., 451 lks. dist., mkd. T 23 S R 11 E S 15 B T.
- A pinon pine, 5 ins. diam., bears N.72°00'W., 174 lks. dist., mkd. T 23 S R 11 E S 10 B T.

Land, gently rolling, rolling, and mountainous, with nearly level benches or mesas; drainage NW., thence generally to the NE.; outcroppings of light colored and yellow sandstone, gray shale, and surface rock of yellow limestone.

Soil, gravelly and rocky red sand and sandy loam, about 6 ins. to 3 ft. deep on slopes and tops, several ft. deep in bottoms, lying on a clay subsoil, a white chalky formation or on bedrock, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing a good to an excellent growth of gramma and bunch grass.

S.89°53'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence,

N.89°51'W., on a true line bet. secs. 11 and 14.

Over rolling land, through scattering timber and undergrowth; desc. gradually 25 ft. along N. slope.

6.10 Wash, 10 lks. wide, 2 ft. deep, in bottom of hollow, drains northeasterly; asc. 85 ft. over general E. slope.

27.10 Leave timber.

SUBDIVISION OF T. 22 N., R. 11 E.

Chains

37.50 Mouth of draw, from the SW., drains NE.; asc. 15 ft. to

40.03 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 11
S 14
1933

From which

A pinon pine, 10 ins. diam., bears N. 55° 00' E., 130 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.

A pinon pine, 7 ins. diam., bears S. 41° 00' E., 199 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

48.60 Spur, 250 ft. above $\frac{1}{4}$ sec. cor., projects N. about 6 chs. dist.; desc. 130 ft.

54.10 Draw, drains N.; asc. 110 ft. over E. slope.

60.60 Spur, slopes N. about 6 chs. dist.; desc. abruptly 230 ft. over W. slope.

67.40 Descent becomes more gradual.

77.20 Wash, 10 lks. wide, 3 ft. deep; in bottom of draw, drains northwesterly; asc. gradually 10 ft.

78.60 Top of ascent, bears NW. and SE.; desc. gradually 10 ft.

80.06 The cor. of secs. 10, 11, 14, and 15.

Land, rolling, E. $\frac{1}{2}$ mile; broken and steep points of spur projecting from bench or mesa, on W. $\frac{1}{2}$ mile; outcroppings of sandstone, yellow and purple volcanic formation, and blue limestone and shale; general drainage to the NE.

Soil, red sand and red sandy loam, about 3 ins. to 2 ft. deep on slopes and tops of spurs, deeper in bottoms, and lying on alternate layers of greenish yellow clay and gravel or on bedrock or on a conglomerate formation, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, fair to good growth of gramma and bunch grass.

N. 0° 01' E., bet. secs. 10 and 11.

Over rolling land, through scattering timber and undergrowth; desc. gradual NW. slope 50 ft.

12.40 Wash, 20 lks. wide, 6 ft. deep, in bottom of hollow, drains NE.; asc. 55 ft.

34.30 Wash, 10 lks. wide, 3 ft. deep, drains NE.

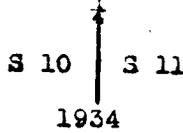
38.30 Top of ascent, bears NE. and SW.; desc. gradual NW. slope 5 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground

SUBDIVISION OF T. 23 S., R. 11 E.

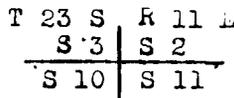
Chains

ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



There are no available trees suitable for marking, therefore, I raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

- 62.70 Straight Wash, .90 lks. wide, 6 ft. deep, in bottom of hollow, 55 ft. below $\frac{1}{4}$ sec. cor., drains easterly; asc. 100 ft.
- 64.60 Road, bears E. to Crawford Holes, and W. to Castle Dale and Huntington, Utah.
- 78.80 Spur, slopes E. about 4 chs. dist.; desc. gradual N. slope 5 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 5 $\frac{1}{2}$ ft. base, 2 ft. high, for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.



1934

At the base of the monument, I deposit a slate stone, 4x4x1 ins. marked with a cross (X), as there are no trees within a reasonable distance of cor.

Land, rolling and gently rolling, draining generally to the E.; yellow sandstone and volcanic outcroppings.

Soil, red sand and red sandy loam, about 6 to 12 ins. deep on tops and slopes, lying on a greenish yellow sub-soil, or on bedrock; deep red sandy loam, lying on a bedrock or on alternate layers of gravel and conglomerate in bottoms of hollows. 2nd. to 3rd. rate.

Timber, cedar.

Undergrowth, shadscale, yellow top, and mountain rush; dense rabbit brush along bottoms of hollows.

Grazing, a good growth of gramma and bunch grass.

S.89°51'E., on a random line bet. secs. 2 and 11

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 80.12 Intersect N. and S. line at the cor. of secs. 1, 2, 11, and 12.

Thence,

N.89°51'W., on a true line bet. secs. 2 and 11

Over rough and broken land, through scattering timber and undergrowth; asc. gradual NE. slope 20 ft.

- 4.50 Spur, projects northwesterly, desc. 55 ft.

Chains

- 9.30 Top of broken, sloping sandstone ledge, on W. rim of Straight Wash box, 50 ft. high, bears NE. and SW.; desc. 70 ft.
- 10.10 Bottom of Straight Wash box, drains NE.; asc. 70 ft.
- 11.20 Top of broken, sloping sandstone ledge, or W. rim of Straight Wash box, 50 ft. high, bears NE. and SW.; leave rough and broken land, and asc. 70 ft. over NE. slope.
- 32.90 Spur, projects NW.; desc. gradually 10 ft.
- 36.30 Draw, drains N. about 6 chs. dist., thence northeasterly; asc. E. slope 30 ft. to
- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 2
 S 11
 1934

from which

- A pinon pine, 4 ins. diam., bears S.48°15'W., 29 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
- A cedar, 8 ins. diam., bears N.32°00'W., 93 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.

- 41.50 E. edge of bench or mesa, 30 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW.; asc. gradually 25 ft. over top.
- 55.00 Saddle, bears NE. and SW., separating two draws, one draining N. about 8 chs. dist., thence northeasterly, and one draining SE. into Straight Wash; continue over nearly level and gently rolling top.
- 65.80 W. edge of bench or mesa, bears NW. and SE.; desc. 30 ft.
- 76.60 Draw, heads NW. about 7 chs. dist., drains S.; asc. 25 ft. over N. slope to
- 80.12 The cor. of secs. 2, 3, 10, and 11.

Land, rough and broken, E. 11.20 chs.; rolling, W. 68.92 chs.; general drainage to the E. and SE. by Straight Wash; varied colored sandstone and conglomerate sandstone, E. 11.20 chs.; outcroppings of blue shale and limestone, W. 68.92 chs.

Soil, red sand and red sandy loam, about 6 to 12 ins., deep on tops and slopes, lying on bedrock; deep red sandy loam lying on bedrock and on alternate layers of gravel and conglomerate in bottoms of draws. 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush; dense rabbit brush along bottoms of draws.

Grazing, a good growth of gramma and bunch grass.

N.0°04'W., on a random line bet. secs. 2 and 3.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

79.81 Intersect N. bdy. of Tp., 14 lks. W. of the cor. of secs. 2, 3, 34, and 35, hereinbefore described.

Thence,

S. 0°02'W., on a true line bet. secs. 2 and 3.

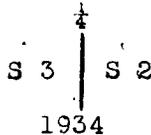
Over rolling top of bench or mesa, through scattering growth of timber and dense short undergrowth; asc. gradual N. slope 15 ft.

21.50 S. edge of bench or mesa, bears NW. and SE.; desc. abruptly 120 ft.

26.00 Base of abrupt descent, bears NW. and SE.; asc. gradual NE. slope 50 ft.

37.60 Spur, projects SE. about 10 chs. dist.; desc. SW. slope 30 ft. to

39.81 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar limb, 6 ins. diam., bears N.59°45'W., 525 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

There are no trees available suitable for marking in sec. 2, therefore; I raise a mound of stone, 3½ ft. base, 2 ft. high, W. of cor.

40.70 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. N. slope 25 ft.

43.90 Spur, slopes E. about 3 chs. dist.; desc. 35 ft.

47.80 Draw, drains easterly; asc. 45 ft.

51.90 Top of ascent bears NW., and SE. about 8 chs. dist.; desc. 35 ft.

64.70 Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, drains northeasterly; asc. 40 ft.

75.00 Top of ascent, bears E. and W.; desc. 10 ft.

78.10 Draw, drains SE.; asc. gradual N. slope 10 ft. to

79.81 The cor. of secs. 2, 3, 10, and 11.

Land, rolling; outcroppings of blue limestone and shale; draining E. and SE.

Soil, red sand and sandy loam, 6 ins. to several ft. deep, lying on a clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and very scattering pinon pine.

Undergrowth, dense greasewood along washes and bottoms of draws; shadscale, yellow top, and black sagebrush.

Grazing, fair to good growth of gramma grass.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., hereinbefore described.

N.0°02'W., bet. secs. 33 and 34.

Over rolling and broken land, through medium growth of timber and scattering undergrowth; asc. SW. slope 60 ft.

16.30 Spur, slopes SE.; desc. 55 ft.

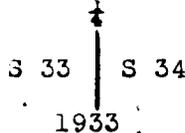
16.37 From this station, a rock monument on top of the SE. point of the N. Twin Butte, bears N.33°40'E.; the middle upright of a derrick frame of Carter's Oil Well, bears N.63°20'E. a rock monument on the NW. point of the S. Twin Butte, bears N.80°04'E.

28.00 Wash, 25 lks. wide, 5 ft. deep, in bottom of draw, drains southeasterly; asc. S. slope 70 ft.

35.70 Spur, projects SE.; desc. gradually 10 ft.

39.40 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains southeasterly; asc. SW. slope 10 ft. to

43.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) on surface rock, and in a mound of stone, 6 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 13 ins. diam., bears S.6°30'E., 36 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

A pinon pine limb, 8 ins. diam., bears S.59°45'W., 50 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

49.70 Old road, bears N.30°W. to Castle Dale and Huntington, Utah, and S.30°E. to Carter Oil Well.

55.80 Leave timber, bears NE. and SW.

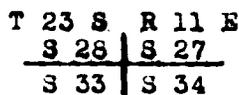
56.50 Spur, 60 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 7 chs. dist.; desc. gradually 15 ft.

61.90 Draw, drains NE. about 7 chs. dist., thence easterly; asc. 15 ft.

63.50 Spur, slopes E. about 4 chs. dist.; desc. 40 ft.

67.60 Draw, drains easterly; asc. gradual S. slope 50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) on surface rock, and in a mound of stone, 7 ft. base, 2 ft. high, for cor. of secs. 27, 28, 33, and 34, with brass cap mkd.



1933

from which

A pinon pipe, 10 ins. diam., bears N.62°15'E., 57 lks. dist., mkd. T 23 S R 11 E S 27 B T.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

A piñon pine limb, 7 ins. diam., bears S.59°15'E., 125 lks. dist., mkd. T 23 S R 11 E S 34 B T.

A piñon pine, 9 ins. diam., bears S.24°00'W., 113 lks. dist., mkd. T 23 S R 11 E S 33 B T.

A piñon pine limb, 5 ins. diam., bears N.46°15'W., 230 lks. dist., mkd. T 23 S R 11 E S 28 B T.

land, rough and broken, S. 42.00 chs.; rolling, N. 38.00 chs.; brown, gray, red and yellow sandstone, and limestone outcroppings, and broken and sloping ledges; general drainage southeasterly.

Soil, red sand and sandy loam, shallow on rough portions, lying on bedrock; deeper on tops and slopes, lying on a white chalky clay or on bedrock, N. 38.00 chs. 2nd. to 3rd. rate.

Timber, cedar and piñon pine.

Undergrowth, black brush, mountain rush, shadscale, yellow top, and service berry bushes.

Grazing, good growth of bunch grass, sand grass, and gramma grass, on parts of N. 38.00 chs.; sparse on remainder of mile.

East, on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 26, 27, 34, and 35.

Thence,

S.89°59'W., on a true line bet. secs. 27 and 34.

Over broken land, through medium growth of timber and scattering undergrowth; desc. along gradual SW. slope 30 ft.

1.50 Wash, 30 lks. wide, 5 ft. deep, in bottom of gorge; drains southeasterly; asc. E. slope 90 ft.

25.50 Rocky spur, slopes S. about 4 chs. dist.; desc. 60 ft.

27.90 Draw, heads N. about 5 chs. dist.; drains SW. about 7 chs. dist., thence southeasterly; asc. gradually 70 ft. over rough E. slope.

36.00 Rocky spur, slopes S. about 3 chs. dist.; desc. 10 ft. to

39.54 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap mkd.

WC $\frac{S\ 27}{S\ 34}$

1933

from which

A piñon pine, 8 ins. diam., bears N.20°00'E., 6 lks. dist., mkd. W C $\frac{1}{4}$ S 27 B T.

SUBDIVISION OF T. 23 N., R. 11 E.

Chains

A pinon pine, 8 ins. diam., bears S.1°15'W., 70 lks. dist., mkd. W C $\frac{1}{4}$ S 34 B T.

40.00 True point for $\frac{1}{4}$ sec. cor., falls on a sloping sandstone outcropping, where the establishment of a cor. monument impracticable; therefore, at the true point, I mark a cross (X).

42.90 Wash, 25 lks. wide, 5 ft. deep, in bottom of draw, 30 ft. below witness cor., drains southeasterly; asc. E. slope 125 ft.

54.60 Spur, projects SE. about 10' chs. dist.; desc. SW. slope 80 ft.

61.40 Wash, 25 lks. wide, 4 ft. deep, in bottom of draw, drain southeasterly; asc. 90 ft. over general E. slope to

80.00 The cor. of secz. 27, 28, 33, and 34.

Land, rugged, and broken by draws and gorges, draining generally to the SE.; outcroppings, large boulders, and broken and sloping ledges of brown, red, gray, and yell sandstone. Mostly surface rock on entire mile.

Soil, shallow red sand, lying on bedrock, 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, shadscale, yellow top, and service berry bushes.

Grazing, scattering bunch and sand grass.

N.0°02'W., bet. secs. 27 and 28.

Over rough, broken, and mountainous land, through medium growth of timber and scattering undergrowth; asc. gradual S. slope 5 ft.

0.50 Top of ascent, bears E. and W.; desc. 50 ft.

5.80 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, drain southeasterly; asc. gradual S. slope 100 ft.

17.10 Spur, projects SE.; gradual descent of 70 ft.

26.60 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drain southeasterly; gradual ascent of 130 ft.

32.90 Low ridge, bears E. and W.; gradual descent of 10 ft. to $\frac{1}{4}$ sec. cor. over N. slope; from this station, a mesa, bears N.65°W. about 30 chs. dist.

39.70 S. side of an irregular shaped sheep corral, constructed of cedar and pinon pine trees, and covering an area of about $\frac{1}{2}$ acre, bears northeasterly and northwesterly.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S. 28 | S. 27

1933

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

from which

A pinon pine, 12 ins. diam., bears N.2°00'E., 385 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

A pinon pine, 8 ins. diam., bears S.72°00'W., 295 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

42.30 N. side of sheep corral, bears E. about 1 ch. dist., thence S., and SW.

66.00 Top of ascent on E. slope, 165 ft. above $\frac{1}{4}$ sec. cor.; desc. gradually 70. ft. over general E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

T 23 S	R 11 E
S 21	S 22
S 28	S 27

1933

from which

A pinon pine, 6 ins. diam., bears N.7°45'E., 65 lks. dist., mkd. T 23 S R 11 E S 22 B T.

A pinon pine, 5 ins. diam., bears S.73°00'E., 79 lks. dist., mkd. T 23 S R 11 E S 27 B T.

A pinon pine, 8 ins. diam., bears S.7°15'W., 151 lks. dist., mkd. T 23 S R 11 E S 28 B T.

A cedar limb, 5 ins. diam., bears N.16°00'W., 166 lks. dist., mkd. T 23 S R 11 E S 21 B T.

Land, rough, broken, and mountainous, draining to the SE.; outcroppings, broken and sloping ledges of gray and light colored sandstone, and blue limestone, and gray shale.

Soil, red sand, shallow and rocky on slopes and about 6 ins. to 3 ft. deep in bottom of draws and hollows, lying on bedrock or on varied colored clays, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, dense growth of yellow top, black brush, mountain rush, and service berry bushes.

Grazing, fair to good growth of bunch grass and gramma grass.

N.89°59'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence,

S.89°56'W., on a true line bet. secs. 22 and 27.

Over nearly level and rolling top of bench or mesa, through a medium growth of timber and scattering under-

SUBDIVISION OF T. 23 N., R. 11 E.

Chains	growth; desc. gradually 10 ft.
13.30	W. edge of bench or mesa, bears N., and S. about 20 chs. dist.; leave medium growth of timber, bears N. and S., enter scattering; precipitous descent of 175 ft.
19.00	Base of abrupt descent, bears N. and S.; desc. gradually 60 ft.
24.90	Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, drain southwesterly; abrupt ascent of 190 ft. over E. slope to
39.96	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{S\ 22}{S\ 27} \\ 1933 \end{array}$
	All trees in a reasonable distance are too scrubby for marking; therefore, I raise a mound of stone, $3\frac{1}{2}$ ft. base 3 ft. high, N. of cor.
41.20	E. edge of bench or mesa, 45 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; asc. gradually 45 ft. over nearly level and gently rolling top.
45.90	W. edge of bench or mesa, bears N. and S.; precipitous descent of 190 ft.
53.00	Base of abrupt descent, bears NW. and SE.; desc. gradually 68 ft.
59.10	Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, drain southwesterly; gradual ascent of 25 ft.
61.00	Spur, projects SW. about 7 chs. dist.; desc. gradually 11 ft.
67.40	Wash, 30 lks. wide, 3 ft. deep, in bottom of draw, drain southeasterly; gradual ascent of 15 ft.
71.90	Spur, projects SE. about 8 chs. dist.; desc. gradually 25 ft.
73.90	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drain southeasterly; asc. general E. slope 15 ft. to
79.92	The cor. of secs. 21, 22, 27, and 28.
	Land, gently rolling tops of benches or mesas, with abrupt rugged slopes, draining to the S. and SE.; outcroppings of yellow sandstone, and surface yellow limestone and gray shale.
	Soil, gravelly red sand, and sandy loam, about 1 to 3 ft. deep on slopes and several ft. deep in bottoms of draws, lying on varied colored clays, a white chalky formation on bedrock, 2nd. to 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, shadscale, yellow top, and mountain rush.
	Grazing, fair to good growth of gramma and bunch grass.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

N. 0° 02' W., bet. secs. 21 and 22.

Desc. gradually, 20 ft. over NE, slope, through scattering timber and medium dense undergrowth.

3.90 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. 125 ft.

12.80 Spur, projects E. about 5 chs. dist.; desc. gradual N. slope 90 ft.

22.20 Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, drains southeasterly; asc. 40 ft.

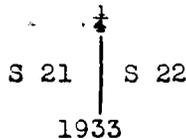
27.60 Spur, slopes SE. about 5 chs. dist.; desc. gradual N. slope 5 ft.

29.60 Draw, heads NW. about 5 chs. dist., drains southeasterly; asc. abrupt S. slope 120 ft.

33.00 Leave timber, bears NW. and SE., and enter small opening.

35.40 S. rim of bench or mesa, bears NW. about 4 chs. dist., thence SW., and SE.; enter medium heavy growth of timber, bears NW. and SE.; asc. gradually over nearly level and rolling top 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 6 ins. diam., bears S. 27° 45' E., 184 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

A pinon pine, 9 ins. diam., bears N. 58° 00' W., 301 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.

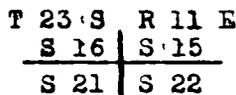
65.00 N. edge of bench or mesa, 10 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; desc. gradually 30 ft.

71.10 Draw, drains E.; gradual ascent of 25 ft.

75.70 Spur, slopes E. about 4 chs. dist.; desc. gradually 20 ft.

78.90 Draw, heads NW. about 3 chs. dist., drains E. to a main draw; asc. SW. slope 15 ft. to

80.00 On top of spur, sloping SE. about 3 chs. dist., set an iron post, 3 ft. long, 2 in. diam., 2 ins. in the ground to bedrock, and in a mound of stone, 8 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of secs. 15, 16, 21, and 22, with brass cap mkd.



1933

from which

A cedar, 8 ins. diam., bears N. 16° 45' E., 79 lks. dist., mkd. T 23 S R 11 E S 15 B T.

A pinon pine limb, 8 ins. diam., bears S. 34° 30' E., 364

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

lks. dist., mkd. T 23 S R 11 E S. 22 B T.

A pinon pine, 18 ins. diam., bears S. 24° 00' W., 252 lks. dist., mkd. T 23 S R 11 E S 21 B T.

A cedar, 3 ins. diam., bears N. 35° 30' W., 49 lks. dist., mkd. B, T.

Land, gently rolling tops of benches or mesas, with abrupt and rough slopes; general drainage to the SE.; outcroppings of yellow and gray sandstone, and surface rock of yellow limestone.

Soil, gravelly red sand, and red sandy loam, about 1 to ft. deep on slopes and several ft. deep in bottoms of draws, lying on varied colored clays, a white chalky formation or on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass.

N. 89° 56' E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line at the cor. of secs. 14, 15, 22 and 23.

Thence,

S. 89° 56' W., on a true line bet. secs. 15 and 22.

Desc. gradually 15 ft. over nearly level and gently rolling top of bench or mesa, through medium growth of timber and scattering undergrowth.

4.50 Head of draw, drains northeasterly; asc. gradually 5 ft.

7.00 Top of ascent, bears N. and S.; desc. gradual W. slope 1 ft.

14.50 Head of draw, drains NE.; asc. gradual SE. slope 25 ft.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 5 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 15
 $\frac{1}{4}$ S 22
 1933

from which

A pinon pine limb, 6 ins. diam., bears N. 3° 30' E., 46 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.

A pinon pine limb, 5 ins. diam., bears S. 34° 30' W., 4 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

40.20 W. edge of bench or mesa, 5 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradually 30 ft. along S. slope

54.00 Draw, drains SE. about 15 chs. dist. to a main hollow;

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

asc. gradually 30 ft.

63.30 Spur, projects SE. about 12 chs. dist.; desc. gradually 25 ft.

78.80 Hollow, heads NW. about 7 chs. dist., drains SE.; asc. 25 ft. to sec. cor. over NE. slope.

79.00 Old road, bears N.10°W. to Castle Dale and Huntington, Utah, and S.30°E. to the Mormon Tanks.

80.02 The cor. of secs. 15, 16, 21, and 22.

Land, rolling and gently rolling, draining to the SE.; outcroppings of yellow and gray sandstone, yellow and blue limestone, and gray shale.

Soil, red sand and red sandy loam, about 6 ins. to several ft. deep, lying on varied colored clays, a white chalky formation or on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass.

N.0°02'W., bet. secs. 15 and 16.

Desc. 20 ft. over rocky NE. slope, through scattering timber and undergrowth.

2.20 Draw, drains SE.; old road, bears N.10°W. to Castle Dale and Huntington, Utah, and S.30°E. to the Mormon Tanks; asc. gradual SW. slope 50 ft.

7.20 Leave timber.

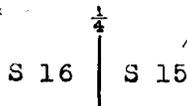
20.20 Low spur, projects southeasterly; desc. 40 ft.

23.30 Enter scattering timber.

30.80 Head of draw, drains NW.; asc. gradually 10 ft.

32.70 Spur, slopes N. about 3 chs. dist.; desc. 35 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar, 8 ins. diam., bears S.30°15'E., 147 lks. dist., mkd. $\frac{1}{4}$ S 15 B T. ✓

A cedar, 12 ins. diam., bears N.80°15'W., 82 lks. dist., mkd. $\frac{1}{4}$ S 16 B T. ✓

41.80 Wash, 10 lks. wide; 2 ft. deep, in bottom of draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains N.10°W.; asc. gradual S. slope 50 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 53.40 Spur, projects NW. about 10 chs. dist.; desc. gradually 75 ft.
- 69.60 Wash, 20 lks. wide, 5 ft. deep, in bottom of draw, drain northwesterly; asc. gradual SW. slope 155 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground to bedrock, and in a mound of stone, 3 ft. base, ft. high, for cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

T 23 S R 11 E
 S 9 | S 10
 S 16 | S 15

1933

from which

- A pinon pine limb, 6 ins. diam, bears N.62°45'E., 41 lks. dist., mkd. T 23 S R 11 E S 10 B T. ✓
- A pinon pine limb, 8 ins. diam., bears S.64°15'E., 59 lks. dist., mkd. T 23 S R 11 E S 15 B T. ✓
- A pinon pine limb, 5 ins. diam., bears S.64°30'W., 10 lks. dist., mkd. T 23 S R 11 E S 16 B T. ✓
- A pinon pine limb, 6 ins. diam., bears N.53°45'W., 14 lks. dist., mkd. T 23 S R 11 E S 9 B T. ✓

Land, rolling and broken; outcroppings of yellow and gray sandstone, yellow and blue limestone, and gray shale; drainage SE., S. 20.20 chs.; N. 59.80 chs. drain general to the NE.

Soil, red sand and red sandy loam, about 6 ins. to several ft. deep, lying on varied colored clays, a white chalky formation or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, and mountain rush.

Grazing, a fair to good growth of bunch and gramma grass

- N.89°56'E., on a random line bet. secs. 10 and 15.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14, and 15.
- Thence,
- S.89°53'W., on a true line bet. secs. 10 and 15.
- Over rolling land, through scattering timber and undergrowth; desc. NW. slope 40 ft.
- 9.30 Wash, 15 lks. wide, 4 ft. deep, in bottom of hollow, drain northeasterly; asc. gradually 10 ft.
- 19.30 Leave rolling land, bears NE. and SW.; enter a medium heavy growth of timber; bears NE. and SW.; asc. abrupt and rough SE. slope 190 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 26.80 E. edge of bench or mesa, bears NE. about 10 chs. dist., thence northwesterly, and SW. about 5 chs. dist., thence westerly; asc. gradually 25 ft. to $\frac{1}{4}$ sec. cor. over nearly level and gently rolling top.
- 26.90 Leave medium and enter a heavy growth of timber, bears NE. and SW.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S\ 10}{S\ 15}$
 1933

from which

A pinon pine limb, 10 ins. diam., bears S.2°00'W., 92 lks. dist., mkd. $\frac{1}{4}$ S.15 B T.

A pinon pine limb, 8 ins. diam., bears N.3°15'W., 93 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

- 78.70 W. edge of bench or mesa, 25 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. steep SW. slope 15 ft. to
- 80.02 The cor. of secs. 9, 10, 15, and 16.

Land, rolling and gently rolling, E. 19.30 chs.; nearly level top and abrupt rough slopes of bench or mesa, W. 60.70 chs.; general drainage to the NE.; outcroppings of yellow sandstone, blue limestone, and yellow and purple volcanic formation.

Soil, shallow red sand and sandy loam on top of bench or mesa; rocky red sand and sandy loam, about 4 ins. to 2 ft. deep, lying on a chalky clay or on bedrock on slopes of bench or mesa; red sandy loam, several ft. deep in bottom of hollow, lying on layers of gravel or on bedrock. 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, rabbit brush, and greasewood.

Grazing, a fair to good growth of gramma and bunch grass

N.0°02'W., bet. secs. 9 and 10.

Asc. 25 ft. over rocky SW. slope, through scattering timber and undergrowth.

- 1.40 S. edge of bench or mesa near W. extremity, bears NW. and SE.; asc. over nearly level top.
- 2.10 N. edge of bench or mesa, bears E., and northwesterly; enter a heavy growth of timber, bears E. and W.; desc. abrupt NE. slope 60 ft.
- 4.60 Draw, drains northwesterly; asc. 115 ft.
- 10.00 Leave timber, bears E. and W.
- 23.20 Top of ascent, bears NW. and SE.; desc. 70 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

32.80

Wash, 60 lks. wide, 7 ft. deep, in bottom of hollow, drains easterly; asc. 45 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. diam., 1 1/2 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 1/2 ft. high, for 1/4 sec. cor., with brass cap mkd.



from which

A cedar, 14 ins. diam., bears N.87°30'W., 580 lks. dist., mkd. 1/4 S 9 B T.

At the base of the monument, I deposit a sandstone, 7x4x2 ins., marked with a cross (X), as there are no trees within a reasonable dist. suitable for marking.

48.10

Wash, 10 lks. wide, 2 ft. deep, 35 ft. above 1/4 sec. cor., drains easterly; asc. 10 ft.

49.80

Begin abrupt ascent of 115 ft. over S. slope.

52.50

Enter scattering growth of timber.

57.00

S. edge of bench or mesa, bears E. about 8 cha. dist. to a point, thence NW., and westerly into a draw from the bench or mesa; asc. 5 ft. over nearly level top of bench or mesa.

62.90

N. edge of bench or mesa, bears NW. and SE.; desc. abrupt NE. slope 330 ft.

71.20

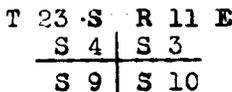
Base of abrupt descent, bears NW. and SE.; desc. gradually 25 ft.

78.10

Wash, known as Straight Wash, 70 lks. wide, 8 ft. deep, in bottom of hollow, drains easterly; over level land to

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.



1934

from which

A pinon pine, 10 ins. diam., bears N.45°13'E., 409 lks. dist., mkd. T 23 S R 11 E S 3 B T.

At the base of the monument, I deposit a sandstone, 5x5x1 ins., marked with a cross (X), as there are no other accessories available.

Land, nearly level tops and abrupt rough slopes of benches or mesas, and gently rolling bottoms; outcroppings of yellow sandstone, blue limestone, and yellow and purple volcanic formation.

Soil, red sand, and sandy loam; shallow on tops of benches or mesas; rocky red sandy loam about 3 ins. to 2 ft. deep on slopes, and several ft. deep in bottoms of hollows, lying on bedrock or layers of gravel and conglomerate formation, 2nd. to 4th. rate.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush; rabbit brush, and greasewood along bottoms of washes and hollows.

Grazing, fair to good growth of gramma and bunch grass.

N. 89° 53' E., on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence,

S. 89° 56' W., on a true line bet. secs. 3 and 10.

Over rolling land, through scattering timber and undergrowth; asc. gradually 15 ft. along N. slope.

9.60 Leave rolling land, bears N. and S.; asc. abrupt E. slope 150 ft.

16.60 Top of abrupt ascent or E. edge of bench or mesa, bears NW. and SE. about 4 chs. dist., thence northwesterly; desc. gradually 10 ft. over nearly level top.

24.60 W. edge of bench or mesa, bears NW. and SE.; desc. abrupt rugged SW. slope 160 ft.

35.70 Base of abrupt descent, bears NW. and SE.; desc. gradual SW. slope 15 ft. to

39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mka.

S 3
—
S 10
1934

from which

A pinon pine, 8 ins. diam., bears N. 19° 15' E., 185 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

A cedar, 3 ins. diam., bears S. 70° 15' E., 499 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

49.90 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, 25 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradually 85 ft.

65.10 Spur from bench or mesa, slopes S. about 5 chs. dist.; desc. abruptly 90 ft.

72.20 Base of abrupt descent, bears NW. and SE.; desc. gradually 25 ft. over nearly level bottom to sec. cor.

76.00 Road, bears N. 80° W. to Castle Dale and Huntington, Utah, and S. 80° E. to Crawford Holes.

79.92 The cor. of secs. 3, 4, 9, and 10.

Land, nearly level and rolling bottom of hollow; broken with steep slopes of spurs and benches; nearly level and gently rolling tops of benches; outcroppings of mostly

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

blue limestone and shale; general drainage to the SE.

Soil, red sandy loam 6 to 10 ft. deep, lying on bedrock in bottom of hollows; red sand and red sandy loam, 6 ins. to 2 ft. deep, lying on bedrock or a white chalky formation on slopes and tops. 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, black brush, black sagebrush, and mountain rush; and greasewood along bottom of hollows.

Grazing, a fair to good growth of gramma grass.

N.0°02'E., on a random line bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.91 Intersect N. bdy. of the Tp., 9 lks. E. of the cor. of secs. 3, 4, 33, and 34, hereinbefore described.

Thence,

S.0°02'E., on a true line bet. secs. 3 and 4.

Over nearly level and rolling land on top of bench or mesa, through scattering timber and medium dense undergrowth; asc. gradually 20 ft.

11.20 Top of ascent or low ridge, bears E. and W.; desc. gradual S. slope 40 ft.

26.50 Swale, drains northeasterly about 6 chs. dist., thence southeasterly; asc. 25 ft. to

39.91 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 4 | S 3
 1934

from which

A cedar, 8 ins. diam., bears N.82°30'E., 127 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

A cedar limb, 4 ins. diam., bears S.60°45'W., 403 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

60.60 S. edge of bench or mesa, 20 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; desc. abruptly 95 ft. over S. slope.

64.10 Draw, drains SW. about 5 chs. dist., thence SE. to a main hollow; asc. abrupt N. slope 80 ft.

66.90 Spur, slopes W. about 3 chs. dist.; desc. abrupt S. slope 95 ft.

71.90 Base of abrupt descent, bears NW. and SE.; desc. gradually 20 ft. to sec. cor. over nearly level bottom.

76.40 Road, bears N.80°W. to Castle Dale and Huntington, Utah, and S.80°E. to Crawford Holes.

-61-

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

79.91. The cor. of secs. 3, 4, 9, and 10.

Land, nearly level and gently rolling top of bench or mesa, N. 60.60 chs.; broken with steep slopes of spurs and bench, 60.60 to 71.90 chs.; remainder of mile over nearly level bottom of hollow; general drainage to the SE.; outcroppings of mostly blue limestone and shale.

Soil, red sandy loam, 6 to 10 ft. deep, lying on bedrock in bottom of hollow, 1st. rate; red sand and red sandy loam, 6 ins. to 2 ft. deep, lying on bedrock on slopes and tops of spurs and bench, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, black brush, black sagebrush, and mountain rush; dense greasewood along washes and bottoms.

Grazing, a fair to good growth of gramma grass.

From the true point for cor. of secs. 4, 5, 32, and 33, on S. bdy. of the Tp., hereinbefore described,

N.0°03'W., bet. secs. 32 and 33.

Over broken land, through medium growth of timber and scattering undergrowth; desc. N. slope 40 ft.

3.60 S. rim of gorge, bears NW. and SE.; precipitous descent of 150 ft.

7.20 Wash, 30 lks. wide, 5 ft. deep, in bottom of gorge, drains southeasterly; precipitous ascent of 190 ft.

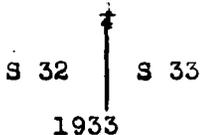
8.30 N. rim of gorge, bears NW. and SE.; asc. broken S. slope 70 ft.

18.80 Top of saddle, bears E. and W.; desc. broken N. slope 25 ft.

25.30 Head of draw, drains westerly about 15 chs. dist. to a main wash, thence southeasterly; asc. S. slope 50 ft.

29.30 Spur, projects W. about 10 chs. dist.; desc. abruptly 55 ft. over N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 4½ ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 12 ins. diam., bears S.41°15'E., 192 lks. dist., mkd. ¼ S 33 B T.

A pinon pine limb, 7 ins. diam., bears S.65°00'W., 174 lks. dist., mkd. ¼ S 32 B T.

40.20 Head of draw, 5 ft. below ¼ sec. cor., drains southeasterly; asc. gradual S. slope 65 ft.

SUBDIVISION OF RANGE No. 2, 11 E.

- Chains
- 46.50 Spur, projects SE. about 6 chs. dist.; desc. 60 ft. slope 60 ft.
- 57.90 Draw, drains southeasterly; asc. SW. slope 80 ft.
- 70.50 Spur, projects southeasterly; desc. 65 ft.
- 74.60 Draw, drains NW. about 2 chs. dist., thence NE.; asc. SW. slope 5 ft.
- 76.80 Spur, slopes W. about 1 ch. dist.; desc. gradually 40 ft.
- 79.10 Draw, drains NE.; asc. gradually 10 ft. over SE. slope to
- 80.00 True point for cor. of secs. 28, 29, 32, and 33, falls on a broken ledge or outcropping, 5 ft. high, bearing NW. and SE., making it impracticable to set a cor. monument or mark a cross (X).
- 80.20 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for witness cor. of secs. 28, 29, 32, and 33 with brass cap mkd.

T 23 S R 11 E
 S 29 | S 28
 S 32 | S 33
 WC
 1933

- from which
- A pinon pine, 6 ins. diam., bears S.71°30'E., 49 lks. dist., mkd. W C T 23 S R 11 E S 28 B T.
- A pinon pine limb, 5 ins. diam., bears S.31°15'E., 45 lks. dist., mkd. W C T 23 S R 11 E S 33 B T.
- A pinon pine, 5 ins. diam., bears S.5°00'W., 21 lks. dist., mkd. W C T 23 S R 11 E S 32 B T.
- A pinon pine limb, 8 ins. diam., bears N.47°15'W., 95 lks. dist., mkd. W C T 23 S R 11 E S 29 B T.

Land, rough and broken by draws, gulches and gorges, draining generally to the SE.; outcroppings and broken ledges of brown sandstone, limestone, and gray shale.

Soil, shallow and rocky red sand, lying on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, shadscale, yellow top, and service berry bushes.

Grazing, sparse to scattering bunch grass and sand grass

- East, on random line bet. secs. 28 and 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33, and 34.
- Thence,
- N.89°58'W., on a true line bet. secs. 28 and 33.
- Over rough and broken land, through scattering growth of timber and undergrowth; asc. 50 ft. along gradual general

SUBDIVISION OF T. 23 N., R. 11 E.

Chains

E. slope.

- 9.30 Spur, projects easterly; enter a medium heavy growth of timber, bears N. and S.; desc. 30 ft.
- 13.50 Draw, heads N. about 3 chs. dist., drains S. about 3 chs. dist., thence southeasterly; asc. 30 ft.
- 17.30 Spur, slopes S. about 2 chs. dist.; desc. 15 ft.
- 21.40 Old road, bears N.30°W. to Castle Dale and Huntington, Utah, and SE. to the Carter Oil Well.
- 27.40 Limestone spur, slopes N. about 2 chs. dist.; desc. gradually 45 ft.
- 30.00 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains SW.; asc. SE. slope 80 ft.
- 40.01 Set an iron post; 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap mkd.

$$\frac{S\ 28}{S\ 33}$$
 1933.

from which

A pinon pine, 11 ins. diam., bears S.38°15'W., 76 lks. dist., mkd. ¼ S 33 B T.

A pinon pine, 8 ins. diam., bears N.46°30'W., 28½ lks. dist., mkd. ¼ S 28 B T.

- 42.90 Spur, 90 ft. above ¼ sec. cor., projects S.; desc. gradually 100 ft.
- 51.60 Descent becomes more abrupt, bearing N. and S.
- 56.40 Wash, 40 lks. wide, 6 ft. deep, in bottom of draw, drains SW. about 7 chs. dist., thence southeasterly; asc. abruptly 55 ft.
- 58.90 Spur, slopes S. approximately 6 chs. dist.; desc. abruptly 45 ft.
- 63.60 Draw, heads N. about 2 chs. dist., drains S.; asc. 45 ft. over abrupt E. slope.
- 66.10 Spur, slopes S. about 5 chs. dist.; desc. 105 ft. over abrupt SW. slope.
- 73.60 Wash, 50 lks. wide, 12 ft. deep, in bottom of draw, drains southeasterly; asc. gradual E. slope 10 ft.
- 77.50 Spur, slopes N. about 2 chs. dist.; desc. 10 ft. over W. slope.
- 79.20 Draw, heads SW. about 10 chs. dist.; thence drains N. about 2 chs. dist. into a main draw; asc. SE. slope 10 ft. to
- 80.02 The true point for cor. of secs. 28, 29, 32, and 33.
 Land, rough and broken by gulches, draining to the SE.; outcroppings and broken ledges of limestone, brown and yellow sandstone, and gray shale.
 Soil, shallow and rocky red sand, lying on bedrock, 2nd.

. SUBDIVISION OF T. 23 S., R. 11 E.

Chains

to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, shadscale, yell
top, and service berry bushes.

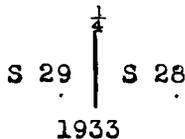
Grazing, a poor to fair growth of bunch, sand, and grama
grass.

From the true point for cor. of secs. 28, 29, 32, and 33

N.0°03'W., bet. secs. 28 and 29.

Over rough and broken land, through a medium to heavy
growth of timber and scattering undergrowth; asc. 5 ft.
to top of spur over gradual SE. slope.

- 0.20 The witness cor. to cor. of secs. 28, 29, 32, and 33.
- 1.00 Spur, slopes NE. about 3 chs. dist.; desc. 35 ft. over
NW. slope.
- 3.30 Wash, 30 lks. wide, 5 ft. deep, in bottom of draw, drain
southeasterly; asc. abrupt S. slope 135 ft.
- 10.60 Spur, projects E.; desc. gradually 40 ft.
- 24.40 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drain
southeasterly; asc. gradual S. slope 60 ft.
- 28.00 Leave medium to heavy growth of timber, bears E. and W.,
and enter scattering.
- 31.30 Old road, bears N.20°W. to Castle Dale and Huntington,
Utah, and E. to the Carter Oil Well.
- 32.00 Begin abrupt ascent of 150 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground to bedrock, and in a mound of stone, 7 ft. base,
ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 7 ins. diam., bears S.20°15'E., 87
lks. dist., mkd. $\frac{1}{4}$ S 28. B T.

A cedar limb, 5 ins. diam., bears N.41°30'W., 36
lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

- 40.80 Top of abrupt ascent or S. edge of bench or mesa, 35 ft.
above $\frac{1}{4}$ sec. cor., bears E. and W.; asc. more gradually
ft. over top.
- 52.80 Top of ascent or N. edge of bench or mesa, bears E. and
desc. abruptly 165 ft. over N. slope.
- 72.60 Wash, 20 lks. wide, 5 ft. deep, in bottom of draw, drain
northwesterly; asc. abruptly 115 ft. over SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

ground, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.

T 23 S R 11 E	
S 20	S 21
S 29	S 28

1933

raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor., as there are no trees available.

Land, rough, broken, and mountainous, draining generally to the SE.; outcroppings of yellow and gray sandstone, and limestone formation.

Soil, rocky red sand, about 3 ins. to 3 ft. deep, lying on a clay subsoil, a white chalky formation or on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, and black brush.

Grazing, bunch grass, sparse to scattering on S. ½ mile; fair to good growth on N. ½ mile.

S.89°58'E., on a random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21, 22, 27, and 28.

Thence,

N.89°59'W., on a true line bet. secs. 21 and 28.

Over rough and broken land, through medium to heavy growth of timber and scattering undergrowth; asc. abrupt E. slope 155 ft.

10.90 E. edge of bench or mesa, bears N. and S.; desc. gradually 50ft. over W. slope.

32.00 W. edge of bench or mesa; bears N.20°W. and S.20°E.; desc. abruptly 160 ft.

37.00 Base of abrupt descent, bears NW. and SE.; desc. gradual SW. slope 10 ft.

38.80 Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drains SW.; asc. E. slope 10 ft. to

40.02 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

¼ S 21
S 28
1933

from which

A cedar limb, 8 ins. diam., bears S.73°00'E., 205 lks. dist., mkd. ¼ S 28 B T.

SUBDIVISION 10112, 25-5, E. 11 E.

Chains

A pinon pine, 14 ins. diam., bears N. 18°00' W., 198 ft. dist., mkd. 1/4 S 21 B T.

This cor. is on top of ascent on S. slope; desc. gradually 10 ft.

44.40 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drainage southeasterly; asc. abrupt E. slope 175 ft.

54.90 E. edge of bench or mesa, bears NW. and SE.; desc. 25 ft. over gently rolling top.

78.70 W. edge of bench or mesa, bears NW. and SE.; desc. SW. slope 35 ft. to

80.04 The cor. of secs. 20, 21, 28, and 29.

Land, gently rolling tops of benches or mesas, with abrupt and rugged slopes; general drainage to the S., thence southeasterly; outcroppings of yellow sandstone, yellow limestone, and gray shale.

Soil, gravelly red sand and red sandy loam, about 1 to 2 ft. deep on slopes and several ft. deep in bottoms of draws, lying on a clay subsoil, a white chalky formation or on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass.

N. 0°03' W., bet. secs. 20 and 21.

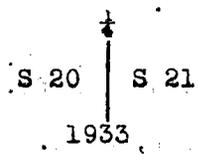
Asc. 45 ft. over rough SW. slope, through scattering timber and undergrowth.

3.10 Spur, slopes W. about 1 1/2 chs. dist.; desc. abruptly 14 ft.

12.40 Wash, 10 lks. wide, 2 ft. deep, in bottom of gulch, drainage southwesterly; asc. 155 ft.

29.70 S. edge of bench or mesa, bears NW. and SE.; desc. gradually 10 ft. to 1/4 sec. cor. over gently rolling top.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for 1/4 sec. cor., with brass cap mkd.



from which

A cedar, 12 ins. diam., bears N. 72°15' E., 52 lks. dist., mkd. 1/4 S 21 B T.

A pinon pine, 10 ins. diam., bears N. 26°00' W., 94 lks. dist., mkd. 1/4 S 20 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 16, 17, 20, and 21, with brass cap

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

cap mkd.

T 23 S	R 11 E
S 17	S 16
S 20	S 21

1933

raise a mound of stone, 3½ ft. base, 3 ft. high, W. of cor.

This cor. stands on general NW. slope, 25 ft. below ¼ sec. cor.

Land, rolling and rolling mountainous, draining SW. about 20 chs. dist., thence southeasterly, S. 29.70 chs.; nearly level, rolling, and gently rolling top of bench or mesa, draining generally to the NE., N. 50.30 chs.; outcroppings of yellow and gray sandstone, yellow and blue limestone, gray shale, and yellow volcanic formation.

Soil, gravelly and rocky red sand, and brown and yellow clays, about 6 ins. to 3 ft. deep, lying on bedrock, on tops of spurs and benches or mesas; red sandy loam, several ft. deep, lying on bedrock in bottoms of hollows, draws, gulches, and swales, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, white sagebrush, and mountain rush.

Grazing, fair to an excellent growth of gramma, bunch and sand grass.

S.89°59'E., on a random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.01 Intersect N. and S. line at the cor. of secs. 15, 16, 21, and 22.

Thence,

N.89°59'W., on a true line bet. secs. 16 and 21.

Over rolling land, through scattering timber and undergrowth; asc. gradual E. slope 5 ft.

19.30 Top of ascent, bears N. and S.; desc. gradually 45 ft.

26.90 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains NW.; asc. gradually 35 ft. to

40.005 Set an iron post, 3 ft. long, 1 in. diam.; 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

S 16
S 21
1933

from which

A cedar, 6 ins. diam., bears S.13°45'W., 392 lks. dist., mkd. ¼ S 21 B T.

A cedar, 9 ins. diam., bears N.83°45'W., 405 lks.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

dist., mkd. $\frac{1}{4}$ S 16 B T.

- 50.20 Wash, 10 lks. wide, 2 ft. deep, in head of draw, 10 ft. above $\frac{1}{4}$ sec. cor., drains northeasterly; asc. gradually 10 ft.
- 56.10 Top of ascent, bears N. and S.; desc. gradual W. slope 1 ft.
- 59.70 Head of draw, drains northwesterly; asc. 10 ft. over gradual E. slope.
- 70.50 Top of ascent, bears N. and S.; desc. 15 ft.
- 74.00 Head of draw, drains N. about 10 chs. dist., thence northwesterly; asc. gradual E. slope 15 ft.
- 77.00 Leave timber.
- 78.50 Top of ascent, bears N. and S.; desc. rocky NW. slope 15 ft. to
- 80.01 The cor. of secs. 16, 17, 20, and 21.

Land, gently rolling and rolling, draining N., thence generally SE.; outcroppings of gray and yellow sandstone and yellow limestone.

Soil, rocky and gravelly red sand about 10 ins. to 3 ft. deep, lying on bedrock and on varied colored clays; red sandy loam several ft. deep in bottoms of draws and hollows. 1st. to 3rd. rate.

Timber, cedar and pinon pine in patches.

Undergrowth, shadscale, yellow top, mountain rush, and black sagebrush.

Grazing, fair to good growth of gramma and bunch grass.

N.0°03'W., bet. secs. 16 and 17.

Desc. gradual NW. slope 30 ft., through scattering growth of timber and undergrowth.

- 6.00 Hollow, heads SW. about 40 chs. dist., drains northeasterly; asc. gradual S. slope 15 ft.
- 6.10 Road, bears NE. to Castle Dale and Huntington, Utah, and SW. to Tan Seeps and Carter's Oil Well.
- 21.90 Spur, projects E. approximately 8 chs. dist.; enters a medium heavy growth of timber, bears E. and W.; desc. 35 ft.
- 28.10 Draw, drains SE. about 7 chs. dist. into a main hollow, thence northeasterly; asc. gradually 30 ft.
- 36.00 Top of ascent, bears E. and W.; desc. gradual N. slope 5 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 17 | S 16

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

from which

A cedar, 7 ins. diam., bears N.88°15'E., 54½ lks. dist., mkd. ¼ S 16 B T.

A pinon pine, 9 ins. diam., bears N.73°30'W., 228 lks. dist., mkd. ¼ S 17 B T.

Continue gradual descent of 90 ft. to sec. cor. over N. slope.

67.20 Leave timber, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

T 23 S		R 11 E	
S 8	S 9	S 9	S 16
S 17	S 16	S 16	S 16

1933

At the base of the monument, I deposit a blue limestone, 5x3x2 ins., marked with a cross (X), as there are no other accessories available.

Land, gently rolling and rolling, draining generally to the NE., thence SE.; outcroppings of gray and yellow sandstone, and yellow limestone.

Soil, rocky and gravelly red sand, about 10 ins. to 3 ft. deep, lying on varied colored clays or on bedrock; red sandy loam, several ft. deep in bottoms of draws and hollows. 2nd. to 4th. rate.

Timber, cedar and pinon pine in patches.

Undergrowth, shadscale, yellow top, mountain rush, and black sagebrush.

Grazing, fair to good growth of gramma and bunch grass.

S.89°59'E., on a random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.05 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 9, 10, 15, and 16.

Thence,

West, on a true line bet. secs. 9 and 16.

Desc. 150 ft. over abrupt and rough SW. slope of bench or mesa, through scattering timber and undergrowth.

8.70 Base of abrupt descent, bears NW. and SE.; leave timber; desc. 40 ft. over rolling and gently rolling land on NW. slope.

11.10 Wash, 35 lks. wide, 10 ft. deep, in bottom of hollow, drains northeasterly; asc. 10 ft. to

40.025 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

and

ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 9
S 16
1933

raise a mound

of stone, 3 ft. base, 2 ft. high, N. of cor.

61.70 Road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Tan Seeps, Carter's Oil Well, and Mormon Tanks.

80.05 The cor. of secs: 8, 9, 16, and 17:

This cor. is located 10 ft. above the $\frac{1}{4}$ sec. cor.

Land, abrupt and rough SW. slope of bench or mesa, E. 8.7 chs.; rolling and gently rolling, W. 71.35 chs.; general drainage to the NE.; outcroppings of yellow sandstone, yellow volcanic formation, and blue limestone.

Soil, red sand and sandy loam, about 3 ins. to 2 ft. deep on SW. slope of bench or mesa; several ft. deep and rocky in places, lying on bedrock and on layers of gravel and conglomerate formation on rolling and gently rolling land 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush; and dense greasewood and rabbit brush along washes.

Grazing, fair to good growth of gramma and bunch grass.

N.0°03'W., bet. secs. 8 and 9.

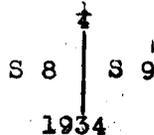
Over rolling land, through medium dense undergrowth; desc. gradual NE. slope 10 ft.

7.30 Wash, 20 lks. wide, 4 ft. deep, in bottom of hollow, drain northeasterly; asc. gradual SW. slope 55 ft.

15.20 Road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Tan Seeps, Carter's Oil Well, and Mormon Tanks.

35.10 S. edge of bench or mesa, bears NW. and SE.; desc. 5 ft. to $\frac{1}{4}$ sec. cor. over gently rolling top.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar limb, 5 ins. diam., bears N.68°30'E., 98 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

A cedar, 6 ins. diam., bears N.43°15'W., 387 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

57.10 Draw, heads SW. about 4 chs. dist., 35 ft. below $\frac{1}{4}$ sec. cor., drains NE. to Straight Wash hollow; asc. gradual S. slope 20 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

- Chains
 64.80 Top of ascent, bears E. and W.; desc. gradually 25 ft.
 75.70 Draw, heads SE. about 1½ chs. dist., drains NW. about 1 ch. dist., thence northeasterly; asc. gradually 10 ft. along W. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 5½ ft. base, 1½ ft. high, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.

T 23 S	R 11 E
S 5	S 4
S 8	S 9

1934

from which

A cedar, 8 ins. diam., bears S. 56° 30' W., 341 lks. dist., mkd. T 23 S R 11 E S 8 B T.

At the base of the monument, I deposit a limestone, 6x4x2 ins., marked with a cross (X), as there are no other trees available.

Land, rolling and gently rolling swales, draws, and benches, draining easterly and northeasterly into Straight Wash or hollow; outcroppings of blue limestone and some light colored sandstone.

Soil, red sand and sandy loam, several ft. deep in bottoms of swales and draws, lying on bedrock, more shallow on slopes and tops, lying on a yellow clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, a few scattering cedar.

Undergrowth, yellow top, shadscale, sagebrush, mountain rush, and rabbit brush.

Grazing, fair to good growth of gramma grass.

East, on a random line bet. secs. 4 and 9.

- 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 3, 4, 9, and 10.

Thence,

S. 89° 59' W., on a true line bet. secs. 4 and 9.

Over nearly level bottom of Straight Wash hollow, through medium dense undergrowth.

- 3.90 Straight Wash, 90 lks. wide, 8 ft. deep, drains southeasterly; asc. gradual E. slope 25 ft.
 20.50 Leave bottom of hollow, bears N. and S.; asc. abrupt E. slope 90 ft.
 26.70 Spur, slopes N. about 3 chs. dist.; desc. abruptly 90 ft.
 30.70 Base of abrupt descent, bears NE. and SW.; over nearly level bottom of Straight Wash hollow.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains	
30.90	Straight Wash, 70 lks. wide, 10 ft. deep, drains northeasterly; asc. E. slope 25 ft.
38.20	Spur, slopes S. about 1 $\frac{1}{2}$ cha. dist.; desc. gradually 10 ft to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S\ 4\ \checkmark \\ S\ 9 \\ 1934 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, N. of cor.
45.80	Straight Wash, 80 lks. wide, 10 ft. deep, in bottom of hollow, 15 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. gradually 60 ft. over nearly level bottom.
54.00	Leave bottom of hollow, bears NW. and SE.; asc. steep NE. slope 40 ft.
56.70	E. edge of bench or mesa, bears NW. and SE.; desc. gradual 35 ft.
63.20	W. edge of bench or mesa, bears NE. and SW.; desc. NW. slope 40 ft.
67.70	Wash, 20 lks. wide, 3 ft. deep, in bottom of gulch, drains northeasterly; asc. 40 ft.
75.30	E. edge of bench or mesa, bears NW. and SE.; desc. gradually 10 ft.
79.30	W. edge of bench or mesa, bears N. and S.; desc. W. slope 10 ft. to
80.00	The cor. of secs. 4, 5, 8, and 9.
	<p>Lard, nearly level, rolling, and gently rolling, and prominent of benches or mesas; nearly level bottoms of Straight Wash hollow; general drainage N. and NE. into Straight Wash hollow, thence southeasterly; outcroppings of blue limestone.</p> <p>Soil, red sand and sandy loam, about 3 to 10 ft. deep, lying on bedrock in bottom of Straight Wash hollow, more shallow on slopes and tops, lying on bedrock and on brownish and yellow clay subsoil, 1st. to 3rd. rate.</p> <p>Timber, a few scattering cedar.</p> <p>Undergrowth, yellow top, shadscale, sagebrush, mountain rush, and rabbit brush; dense greasewood along bottom of hollow.</p> <p>Grazing, fair growth of gramma grass and bunch grass.</p>
	N.0°02'W., on a random line bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.87	Intersect N. bdy. of the Tp., 2 lks, E. of the cor. of secs. 4, 5, 32, and 33, hereinbefore described.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

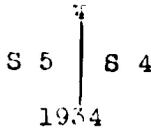
Thence,

S.0°03'E., on a true line bet. secs. 4 and 5.

Over rolling and gently rolling land, through scattering to medium dense undergrowth; desc. 5 ft. over E. slope.

15.70 Swale, drains southeasterly; asc. gradually 30 ft. over NE. slope to

39.87 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



At the base of the monument, I deposit a sandstone, 4x3x1 ins., marked with a cross (X), no other accessories available.

53.90 Road, bears N.80°E. to Castle Dale and Huntington, Utah, and S.80°W. to Ten Sheeps, Carter's Oil Well, and Mormon Tanks.

60.90 Top of ascent, bears E. and W.; leave rolling land and desc. 58 ft. over rough and broken S.W. slope.

67.70 Base of abrupt descent, bears NW. and SE.; over nearly level bottom.

71.30 Wash, 90 lks. wide, 7 ft. deep, in bottom of Straight Wash hollow, drains southeasterly; asc. gradually 8 ft. to

77.00 Leave bottom of hollow, bears NW. and SE.; asc. abrupt NW. slope 40 ft.

78.80 Top of ascent, bears S. and SE.; desc. gradually 5 ft. to

79.87 The cor. of secs. 4, 5, 8, and 9.

Land, rolling and gently rolling, swales, draws, and benches draining easterly and southeasterly into Straight wash or hollow; outcroppings of blue limestone and some light colored sandstone.

Soil, red sand and sandy loam, several ft. deep in bottoms of swales, draws, and hollows, lying on bedrock, more shallow on slopes and tops, lying on yellow clay subsoil, 1st. to 3rd. rate.

Timber, a few scattering cedar.

Undergrowth, yellow top, shadscale, sagebrush, mountain rush, and rabbit brush.

Grazing, a fair to good growth of gramma grass.

From the cor. of secs. 5, 6, 31, and 32, on the S. wy. of Tp., hereinbefore described,

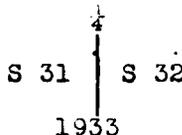
N.0°03'W., bet. secs. 31 and 32.

Over rolling, rough, and broken land, through scattering

SUBDIVISION OF T. 23 S., R. 11 E.

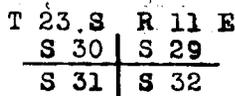
Chains

- to medium growth of timber and undergrowth; asc. SW. slope 35 ft.
- 3.60 Spur, projects E.; desc. gradual N. slope 65 ft.
- 13.10 Head of draw, drains easterly; asc. gradual S. slope 20 ft.
- 15.40 Spur, slopes E. about 6 chs. dist.; desc. N. slope 55 ft.
- 22.40 Wash, 20 lks. wide, 2 ft. deep, in bottom of gulch, drains southeasterly; asc. gradual S. slope 75 ft.
- 30.90 Asc. more abrupt S. slope 175 ft.
- 38.30 Spur, projects E. about 20 chs. dist.; desc. abrupt N. slope 45 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine, 12 ins. diam., bears S.49°30'E., 60 lks. dist., mkd. S 32 B T.
- A pinon pine limb, 7 ins. diam., bears N.27°00'W., 8 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.
- 48.60 Base of abrupt descent, 125 ft. below $\frac{1}{4}$ sec. cor., bears E. and W.; desc. gradually 70 ft.
- 50.60 Head of draw, drains NE. about 6 chs. dist., thence southeasterly; asc. S. slope 30 ft.
- 54.30 Spur, slopes E. about 3 chs. dist.; desc. abruptly 70 ft.
- 58.00 Wash, 40 lks. wide, 5 ft. deep, in bottom of gulch, drains southeasterly; asc. 130 ft. over abrupt S. slope.
- 70.10 Spur, projects southeasterly; desc. 5 ft. over N. slope
- 73.10 Draw, heads W. about $1\frac{1}{2}$ chs. dist., drains easterly; asc. gradually 5 ft.
- 77.40 Top of ascent, bears NW. and SE.; desc. gradual NE. slope 20 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.



1933

from which

- A pinon pine limb, 10 ins. diam., bears N.20°00'E., 79 lks. dist., mkd. T 23 S R 11 E S 29 B T. ✓
- A pinon pine limb, 10 ins. diam., bears S.50°15'E., 146 lks. dist., mkd. T 23 S R 11 E S 32 B T. ✓

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

A pinon pine limb, 12 ins. diam., bears S.60°30'W., 31 lks. dist., mkd. T 23 S R 11 E S 31 B T.

A pinon pine limb, 6 ins. diam., bears N.36°00'W., 153 lks. dist., mkd. T 23 S R 11 E S 30 B T.

Land, rough and broken; blue limestone, gray and yellow sandstone outcroppings, and broken ledges; general drainage to the SE.

Soil, red sand about 1 to 2 ft. deep in bottoms and on some of the slopes, lying on a clay subsoil or on bedrock; very shallow and surface rock exposed on some of the slopes on N. ¼ mile. 2nd. to 4th. rate.

Timber, varies from scattering to heavy cedar and pinon pine.

Undergrowth, yellow top, black brush, mountain rush, and shadscale.

Grazing, scattering to fair growth of bunch and gramma grass.

Last, on a random line bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line at the true point for cor. of secs. 28, 29, 32, and 33.

Thence,

West; on a true line bet. secs. 29 and 32.

Over rough and broken land, through medium to heavy growth of timber and scattering undergrowth; asc. abrupt SE. slope 95 ft.

5.80 Spur, projects NE.; desc. W. slope 55 ft.

10.50 Draw, heads S. about 1 ch. dist., drains N. about 6 chs. dist. to junction, thence SE.; asc. abruptly 130 ft. over E. slope.

25.30 Ridge, bears NW. about 10 chs. dist. and SE. approximately 12 chs. dist.; desc. SW. slope 95 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2½ ft. high; for ¼ sec. cor., with brass cap mkd.

$$\begin{array}{r} \text{S } 29 \\ \text{+ S } 32 \\ \hline 1933 \end{array}$$

from which

A pinon pine, 12 ins. diam., bears S.37°30'E., 65½ lks. dist., mkd. ¼ S 32 B.T.

A pinon pine, 11 ins. diam., bears N.5°00'W., 256 lks. dist., mkd. ¼ S 29 B.T.

44.30 Wash, 15 lks. wide, 2 ft. deep, in bottom of gulch, heads NW. about 25 chs. dist., 10 ft. below ¼ sec. cor., drains southeasterly; asc. gradual E. slope 65 ft.

SUBDIVISION OF T. 23 N., R. 11 E.

Chains

57.50 Spur, projects S. approximately 10 chs. dist.; desc. 40 ft. over gradual W. slope to.

80.00 The cor. of secs. 29, 30, 31, and 32.
 Land, rough and broken, E. 25.30 chs.; rolling, W. 54.7 chs.; general drainage to the SE.; outcroppings and bro ledges of blue limestone, brown and yellow sandstone, and gray shale.
 Soil, red sand and sandy loam several ft. deep in bottom of swales and draws, lying on bedrock, more shallow on slopes and tops, lying on a yellow clay subsoil or on bedrock. 1st. to 3rd. rate.
 Timber, cedar and pinon pine.
 Undergrowth, shadscale, yellow top, mountain rush, and service berry bushes.
 Grazing, sparse to fair growth of gramma and bunch grass.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.77 Intersect the W. bdy. of the Tp. at the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins. diam., extending 30 ins. above ground, firmly set in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, correctly marked, and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124.
 Thence,
 East, on a true line bet. secs. 30 and 31.
 Over rough and broken land, through scattering to medium heavy growth of timber and undergrowth; asc. gradual W. slope 25 ft.

7.90 Top of knoll, bears N. approximately 10 chs. dist. and S about 7 chs. dist.; desc. abrupt E. slope 145 ft.

12.50 Base of abrupt descent, bears NW. and SW.; desc. gradual 40 ft.

36.60 Draw, heads S. about 1 $\frac{1}{2}$ chs. dist., drains NE. about 10 chs. dist., thence S.; asc. 10 ft.

37.60 Spur, slopes NE. about 3 chs. dist.; desc. 5 ft. to

38.77 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 30
 $\frac{1}{4}$ S 31
 1933

from which

A pinon pine, 16 ins. diam., bears S. 24° 45' E., 55 lk. dist., mkd. $\frac{1}{4}$ S 31 B T.

A pinon pine, 15 ins. diam., bears N. 45° 45' W., 44 lk. dist., mkd. $\frac{1}{4}$ S 30 B T.

48.30 Wash, 30 lks. wide, 15 ft. deep, heads NW. about 30 chs. dist., 95 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly;

97
SUBDIVISION OF T. 23 S., R. 11 E.

- Chains
asc. gradually 110 ft.
- 60.30 Spur, projects S. approximately 7 chs. dist.; desc. gradual E. slope 45 ft.
- 64.30 Draw, drains SW.; asc. gradual W. slope 20 ft.
- 68.40 Spur, slopes S. about 2 chs. dist.; desc. E. slope 40 ft.
- 73.40 Wash, 20 lks. wide, 3 ft. deep, in bottom of gulch, drains S.; asc. gradually 25 ft.
- 76.00 Spur, slopes N. about 1 ch. dist.; desc. 15 ft. to
- 78.77 The cor. of secs. 29, 30, 31, and 32.

Land, rough and broken; portions are rolling and gently rolling; outcroppings and broken ledges of blue limestone, gray and yellow sandstone; general drainage to the SE.

Soil, rocky red sand; shallow on tops and slopes; red sandy loam several ft. deep in bottoms of swales, gulches, and draws, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shaascale, yellow top, mountain rush, and white sagebrush.

Grazing, scattering to fair growth of bunch, sand, and gramma grass.

N.0°03'W., bet. secs. 29 and 30.

Over rolling and broken land, through scattering to medium growth of timber and undergrowth; desc. gradual NE. slope 5 ft.

- 0.20 Draw, drains NW. about 2 chs. dist., thence westerly; asc. S. slope 15 ft.
- 2.10 Spur, slopes W. approximately 3 chs. dist.; desc. gradually 15 ft. over rolling land to $\frac{1}{4}$ sec. cor.
- 15.60 Leave timber, bears NE. and NW.
- 32.60 Road, bears E. to Castle Dale and Huntington, Utah, and S.80°W. to Tan Seeps.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 30 | S 29
 1933

from which

A cedar, 7 ins. diam., bears N.7°45'E., 211 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

A pinon pine, 6 ins. diam., bears S.34°00'W., 261 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

SUBDIVISION OF S. 25 S., R. 11 E.

- Chains
 47.70 Wash, 30 lks. wide, 3 ft. deep, in bottom of draw, 15 below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. 60 ft.
 61.40 Spur, projects SE. about 6 chs. dist.; enters a medium heavy growth of timber, bears NW. and SE.; desc. gradually NE. slope 25 ft.
 69.40 Wash, 5 lks. wide, 1 ft. deep, in bottom of draw, drains SE.; asc. 15 ft.
 75.10 Spur, slopes SE. about 5 chs. dist.; desc. gradually 5 to
 79.30 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for witness cor. to the cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T 23 S R 11 E

WC	
S 19	S 20
S 30	S 29

1933

from which

- A pinon pine, 6 ins. diam., bears N.13°45'E., 234 lks. dist., mkd. W C T 23 S R 11 E S 20 B T.
 A pinon pine, 11 ins. diam.; bears S.32°00'E., 481 lks. dist., mkd. W C T 23 S R 11 E S 29 B T.
 A cedar, 12 ins. diam., bears S.75°45'W., 454 lks. dist., mkd. W C T 23 S R 11 E S 30 B T.
 A pinon pine, 9 ins. diam., bears N.46°00'W., 457 lks. dist., mkd. W C T 23 S R 11 E S 19 B T.
 80.00 The true point for cor. of secs. 19, 20, 29, and 30, found in wash, 25 lks. wide, 2 ft. deep, in bottom of hollow draining southeasterly.
 Land, nearly level, rolling, and broken, draining generally to the SE.; outcroppings of blue limestone, gray and yellow sandstone.
 Soil, red sand and sandy loam, several ft. deep in bottom, more shallow on top and slopes, lying on a clay subsoil or on bedrock, 1st. to 3rd. rate.
 Timber, cedar and pinon pine.
 Undergrowth, shadscale, yellow top, mountain rush, and black brush; and dense rabbit brush along washes and in openings.
 Grazing, scattering bunch grass on rough portion; dense gramma grass and bunch grass in openings.

From the true point for the cor. of secs. 19, 20, 29, 30,

East, on a random line bet. secs. 20 and 29.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.99 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28, and 29:

... DIVISION OF T. 23 S., R. 11 E.

Chains

Thence,

S. 89° 59' W., on a true line bet. secs. 20 and 29.

Over rolling mountainous land, through scattering to medium growth of timber and undergrowth; precipitous descent of 100 ft. over rough SW. slope.

8.00 Base of abrupt descent, bears N. and S.; leave timber, bears N. and S.; desc. gradually 10 ft. over rolling land.

9.70 Wash, formed by junction of two draws or gulches from NE. 50 lks. wide, 5 ft. deep, in bottom of gulch, drains SW.; asc. 10 ft.

10.80 Top of ascent, bears N. and S.; desc. gradually 10 ft.

12.40 Road, bears N. to Castle Dale and Huntington, Utah, and S. to Tan Seeps and Carter's Oil Well.

15.90 Wash, 30 lks. wide, 8 ft. deep, in bottom of draw, drains southeasterly; asc. gradual E. slope 35 ft.

23.90 Enter a medium growth of timber, bears N. and S.

30.00 Saddle on E. slope, bears NW. and SE.; a butte, bearing NW. and SE., bears S. 6.00 chs. dist.

36.60 Spur, slopes S. about 4 chs. dist.; desc. gradually 60 ft. over W. slope.

39.995 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

1/4 S 20
S 29
1933

from which

A pinon pine, 5 ins. diam., bears S. 56° 30' W., 74 lks. dist., mkd. 1/4 S 29 B T.

A pinon pine, 8 ins. diam., bears N. 20° 45' W., 31 lks. dist., mkd. 1/4 S 20 B T.

42.90 Wash, 50 lks. wide, 3 ft. deep, 60 ft. below 1/4 sec. cor., in bottom of draw, drains SE.; asc. E. slope 200 ft.

56.00 Spur, projects S. about 7 chs. dist.; desc. gradual W. slope 15 ft.

65.00 A butte, approximately 6 chs. in length, NW. and SE., and 1 ch. wide, NE. and SW., bears S. approximately 7 chs. dist.

67.00 Descent becomes more abrupt, bearing NW. and SE.; leave timber, bears NW. and SE.

74.70 Wash, 10 lks. wide, 2 ft. deep, in bottom of gulch, 125 ft. below top of abrupt descent, drains SW. approximately 3 chs. dist., thence S.; asc. 5 ft.

75.80 Low spur, slopes S. approximately 2 chs. dist.; desc. 10 ft.

78.20 Wash, 25 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. 10 ft. to

79.99 The true point for the cor. of secs. 19, 20, 29, and 30.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

Land, rolling mountainous, draining to the S. and SE.; outcroppings of yellow sandstone, gray shale, and yellow limestone.

Soil, red sand and sandy loam, about 6 ins. to 3 ft. deep on tops and slopes; several ft. deep, in bottoms of draws, gulches, hollows, and swales, lying on bedrock and various colored sand, clays, and gravel. 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes.

Grazing, sparse to good growth of gramma and bunch grass

From the true point for the cor. of secs. 19, 20, 29, and 30,

West, on a random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

72.68 Intersect the W. bdy. of the Tp., 9 lks. N. of the cor. secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124

Thence,

N. 89° 56' E., on a true line bet. secs. 19 and 30.

Over rolling land, through a medium growth of timber and undergrowth; desc. gradual E. slope 40 ft.

19.70 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. 25 ft.

30.30 Wash, 20 lks. wide, 2 ft. deep, drains southeasterly.

31.60 Top of ascent, bears NW. and SE.; desc. gradually 20 ft.

37.40 Wash, 10 lks. wide, 2 ft. deep, in bottom of swale, drains southwesterly; asc. W. slope 5 ft. to

38.68 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for 1/4 sec. cor., with brass cap mkd.

3 19
1/4 S 30
1933

from which

A cedar, 14 inc. diam., bears 3.0° 30' E., 360 lks. dist., mkd. 1/4 S 30 B T.

A cedar, 12 ins. diam., bears N. 3° 15' W., 164 lks. dist., mkd. 1/4 S 19 B T.

This cor. stands on top of ascent, bearing N. and S.

60.90 Wash, 30 lks. wide, 3 ft. deep, in bottom of draw, 25 ft. below 1/4 sec. cor., drains SE.; asc. gradual W. slope 70

67.00 Top of ascent on SE. slope; desc. gradual NE. slope 105 ft. to

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

78.68 The true point for the cor. of secs. 19, 20, 29, and 30.

Land, rolling and rolling mountainous, draining generally to the SE.; yellow sandstone and yellow limestone formation.

Soil, gravelly red sand and red sandy loam, about 1 to 3 ft. deep on slopes and tops, several ft. deep in bottoms, lying on varied colored clays or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass.

From the true point for cor. of secs. 19, 20, 29, and 30, N.0°03'W., bet. secs. 19 and 20.

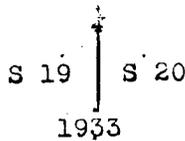
Over nearly level bottom of hollow, through scattering to medium growth of timber and undergrowth.

4.00 Leave bottom of hollow, bears NW. and SE.; asc. 135 ft., along rough general W. slope.

23.90 Spur, slopes W. approximately 2 chs. dist.; desc. along general W. slope 45 ft.

34.30 Draw, heads NE. about 4 chs. dist., drains SW. approximately 2 chs. dist. into a main draw, thence S.; asc. 15 ft. to 1/4 sec. cor. along W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears S.18°30'E., 60 lks. dist., mkd. 1/4 S 20 B T.

A pinon pine, 10 ins. diam., bears N.70°15'W., 44 lks. dist., mkd. 1/4 S 19 B T.

43.70 Base of abrupt ascent, 25 ft. above 1/4 sec. cor., bears E. and W.; asc. abruptly 85 ft.

44.70 Perpendicular sandstone ledge, 15 ft. high, bears E. and W.; asc. 20 ft.

45.70 Ridge, bears N.75°E., and N.50°W. approximately 10 chs. dist., thence southwesterly; desc. N. slope 110 ft.

74.80 Draw, heads SE. approximately 12 chs. dist., drains NW.; asc. SW. slope 50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 1/2 ft. high, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

T 23 S	R 11 E
S 18	S 17
S 19	S 20

1933

from which

A pinon pine, 12 ins. diam., bears N.45°45'E., 32 lks. dist., mkd. T 23 S R 11 E S 17 B T.

A pinon pine, 8 ins. diam., bears S.20°45'E., 20 lks. dist., mkd. T 23 S R 11 E S 20 B T.

A pinon pine, 12 ins. diam., bears S.70°30'W., 247 lks. dist., mkd. T 23 S R 11 E S 19 B T.

A pinon pine, 10 ins. diam., bears N.58°45'W., 131 lks. dist., mkd. T 23 S R 11 E S 18 B T.

Land, rough and broken mountainous; outcroppings of blue limestone; gray and yellow sandstone; and red shale on N. portion of mile; drainage to the SE., S. 45.70 chs.; N. 34.30 chs. drain NW.

Soil, red sand, deep in bottoms, more shallow on slopes and tops, lying on a clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, service berry bushes, shadscale, and yellow top,

Grazing, scattering to a medium growth of bunch grass and gramma grass.

N.89°59'E., on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.93 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20, and 21.

N.89°59'W., on a true line bet. secs. 17 and 20.

Over rolling land, through scattering timber and undergrowth; desc. NW. slope 15 ft.

2.80 Road, bears N.20°E. to Castle Dale and Huntington, Utah and S.20°W. to Tan Seeps, Carter's Oil Well, and Mormon Tanks.

9.50 Hollow, heads SW. approximately 30 chs. dist., drains N. asc. 110 ft.

21.80 Leave timber.

34.80 Enter a heavy growth of timber, bears N. and S.

37.10 Spur, slopes NE. about 3 chs. dist.; asc. gradually 115 ft. to $\frac{1}{4}$ sec. cor., across the head of a draw, draining northeasterly.

39.965 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to bedrock, and in a mound of stone, 2 $\frac{1}{2}$ ft. base 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

S 17
S 20
1933

from which

A pinon pine, 5 ins. diam., bears N.50°45'E., 63 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

A pinon pine, 10 ins. diam., bears S.6°45'E., 60 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

49.70 Spur, 60 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 15 chs. dist.; desc. gradual SW. slope 55 ft.

56.10 Draw, heads SE. about 5 chs. dist., drains northwesterly; asc. 40 ft.

61.30 Top of ascent, bears N. and S.; desc. 20 ft.

67.20 Draw, drains NW. about 25 chs. dist.; asc. 70 ft. over nearly level or rolling land.

73.40 Spur, projects NW.; desc. abrupt SW. slope 70 ft. to

79.93 The cor. of secs. 17, 18, 19, and 20.

Land, rough, broken, rolling, and mountainous; outcroppings of yellow and gray sandstone, yellow volcanic formation, gray shale, and blue limestone; red sandstone and red shale outcroppings on W. $\frac{1}{4}$ mile; drainage SE., E. 61.30 chs.; W. 18.63 chs. drain northwesterly.

Soil, red sand, deep in bottoms, more shallow on slopes and tops, lying on a clay subsoil or on a white chalky formation or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, sparse, W. $\frac{1}{2}$ mile; mostly black brush and mountain rush remainder of mile.

Grazing, a fair growth of gramma grass, E. $\frac{1}{2}$ mile; poor grazing W. $\frac{1}{2}$ mile.

S.89°56'W., on a random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.63 Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., extending 30 ins. above ground, firmly set in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high, correctly marked and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124.

Thence,

N.89°54'E., on a true line bet. secs. 18 and 19.

Over rough, broken, and mountainous land, through scattering to medium growth of timber and undergrowth; asc. abrupt W. slope 120 ft.

10.10 W. edge of bench or mesa, bears N. and S.; over nearly level top.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

15.10 E. edge of bench or mesa, bears N. and S.; from E. edge of bench or mesa a spur, projects NE. approximately 40 chs. dist.; desc. E. slope 195 ft.

36.30 Wash, 40 lks. wide, 3 ft. deep, in bottom of draw, head SW. approximately 10 chs. dist.; drains northeasterly; asc. W. slope 35 ft. to

38.63 Set an iron post; 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, ft. high, for 1/4 sec. cor., with brass cap mkd.

S 18
S 19
1933

from which

A pinon pine, 8 ins. diam., bears S. 1°30'W., 36 lks. dist., mkd. S 19 B T.

A pinon pine, 5 ins. diam., bears N. 16°00'W., 103 lks. dist., mkd. S 18 B T.

41.00 Spur, 10 ft. above 1/4 sec. cor., projects NE. about 12 chs. dist.; desc. E. slope 50 ft.

49.90 Head of draw, drains NE.; asc. gradually 30 ft. over small spurs and draws putting NE. and SE.

53.80 Top of ascent, bears NW. and SE.; desc. abrupt E. slope 100 ft.

64.80 Base of abrupt descent, bears N. and SW.; desc. gradual 50 ft.

69.10 Wash, 20 lks. wide, 4 ft. deep, drains NE. about 4 chs. dist. into a main hollow.

73.50 Wash, 25 lks. wide, 3 ft. deep, in bottom of hollow, head SE. approximately 35 chs. dist., drains N.; asc. SW. slope 50 ft. to

78.63 The cor. of secs. 17, 18, 19, and 20.

Land, rough, broken, and mountainous, draining generally to the NE.; outcroppings of red, brown, and yellow sandstone, and yellow limestone, and gray shale.

Soil, gravelly and rocky red sand, sandy loam, and various colored clays, about 3 ins. to 3 ft. deep, lying on bedrock; red sandy loam several ft. deep, in the bottoms of draws and hollows. 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes; dense shadscale, yellow top, and rabbit brush in bottom of main hollow.

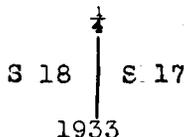
Grazing, a good growth of gramma grass in main hollow; sparse to scattering growth of bunch grass on remainder of mile.

N. 0°03'W., bet. secs. 17 and 18.

Asc. 40 ft. over abrupt rough SW. slope, through a median

SUBDIVISION OF T. 23 S., R. 11 E.

- Chains**
- heavy growth of timber and scattering undergrowth.
 - 14.00 Top of sloping sandstone ledge, 20 ft. high, bears NW. and SE.; over nearly level top.
 - 21.00 Spur, projects NW. approximately 1 ch. dist., thence slopes NW. about 3 chs. dist.; desc. abrupt NE. slope 60 ft.
 - 4.80 Draw, drains NW.; asc. 10 ft.
 - 10.50 Top of ascent on NW. slope; desc. 30 ft.
 - 14.10 Base of descent; bears NE. and SW.; desc. 20 ft. over nearly level and rolling land,
 - 15.70 Leave medium heavy growth of timber, bears NE. and SW., and enter scattering.
 - 21.70 Swale, drains NW.; asc. 10 ft.
 - 26.60 Spur, projects NW. about 5 chs. dist.; desc. gradually 25 ft. over NE. slope to
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

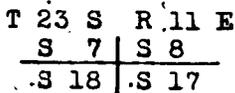


from which

A cedar, 5 ins. diam., bears N.87°45'E., 566 lks. dist., mkd. $\frac{1}{4}$ S 17 B T. ✓

A pinon pine, 14 ins. diam.; bears N.83°15'W., 917 lks. dist., mkd. $\frac{1}{4}$ S 18 B T. ✓

- 53.60 S. edge of wash, 10 ft. below $\frac{1}{4}$ sec. cor.; bears NE. and SW.; wash lies in bottom of swale from W., drains NE. about 8 chs. dist. into a main wash.
- 55.10 N. edge of wash; bears NE. and SW.; asc. 5 ft.
- 55.50 Top of ascent, bears E. and W.; desc. 5 ft.
- 56.40 S. edge or bank of main wash, 12 ft. high, bears NW. and SE.; wash lies in bottom of swale; draining easterly.
- 58.00 N. edge or bank of main wash, 12 ft. high, bears NW. and SE.; over nearly level land.
- 75.50 Leave nearly level land, bears E. and W.; enter a heavy growth of timber, bears E. and W.; asc. gradual SW. slope 25 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.



1933

from which

A pinon pine, 10 ins. diam., bears N.18°30'E., 132 lks.

SUBDIVISION OF T. 23 S. R. 11 E.

Chains

dist., mkd. T 23 S R 11 E 8 B T.

A pinon pine, 8 ins. diam., bears S. 61°00'W., 63 lks.
dist., mkd. T 23 S R 11 E S 17 B T.

A pinon pine, 8 ins. diam., bears S. 62°30'W., 66 lks.
dist., mkd. T 23 S R 11 E S 18 B T.

A pinon pine, 6 ins. diam., bears N. 41°45'W., 105 lks.
dist., mkd. T 23 S R 11 E S 7 B T.

Land, rough, broken, and mountainous, S. 14.10 chs.; N. 65.90 chs., nearly level and rolling; general drainage to the E. and NE.; outcroppings of red, brown, and yellow sandstone, and yellow limestone, and gray shale.

Soil, gravelly and rocky red sand, sandy loam, and various colored clays, about 3 ins. to 3 ft. deep, lying on bed rock, on tops and slopes; red sandy loam several ft. deep in bottoms of draws, hollows, and swales., 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, black brush, and service berry bushes; dense rabbit brush also wash in bottom of main hollow or swale.

Grazing, sparse to scattering bunch grass on rough and mountainous portion; and good growth of gramma and bunch grass on nearly level land.

S. 89°59'E., on a random line bet. secs. 8 and 17

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16, and 17.

Thence,

West, on a true line bet. secs. 8 and 17.

Desc. gradually 10 ft. over rolling bottom of swale, through medium dense undergrowth.

10.70 Wash, 70 lks. wide, 4 ft. deep, in bottom of swale, drainage NE.; asc. gradually 40 ft. along S. slope to

39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 8
S 17
1934

from which

A cedar limb, 6 ins. diam., bears S. 82°45'W., 330 lks.
dist., mkd. $\frac{1}{4}$ S 17 B T.

A cedar, 4 ins. diam., bears N. 31°00'W., 98 lks.
dist., mkd. $\frac{1}{4}$ S 8 B T.

53.10 Leave S. slope and asc. gradually along N. bank of wash

58.30 Leave bank of wash, bears E. and southwesterly; asc. g

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

ually over E. slope.

- 69.10 Leave bottom of swale, bears NE. and SW.; enter a heavy growth of timber, bears NE. and SW.; asc. abrupt NE. slope
- 73.90 Spur, projects SE. approximately 6 chs. dist., 120 ft. above $\frac{1}{4}$ sec. cor.; desc. abrupt SW. slope 45 ft.
- 77.60 Draw, heads NW. about 5 chs. dist., drains southeasterly; asc. gradually 10 ft. to
- 79.92 The cor. of secs. 7, 8, 17, and 18.

Land, nearly level and gently rolling, draining generally to the NE.; E. 69.10 chs.; rolling mountainous, draining SE., thence NE., W. 10.82 chs.; outcroppings of gray and yellow sandstone, and yellow volcanic formation.

Soil, gravelly and rocky red sand, sandy loam, and varied colored clays, about 3 ins. to 3 ft. deep, lying on bedrock on mountainous portion; red sandy loam, several ft. deep, in the bottom of swale. 1st. to 3rd. rate.

Timber, sparse cedar on E. 69.10 chs.; medium to heavy growth of cedar and pinon pine, on W. 10.82 chs.;

Undergrowth, shadscale and yellow top, dense on E. 69.10 chs.; sparse on W. 10.82 chs.; dense rabbit brush and greasewood along main wash.

Grazing, a good growth of gramma and bunch grass.

S.89°54'W., on a random line bet. secs. 7, and 18

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.55 Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124.

Thence,

N.89°52'E., on a true line bet. secs. 7 and 18.

Over rolling land, through dense undergrowth; asc. gradual general W. slope 25 ft. to $\frac{1}{4}$ sec. cor.

- 0.50 Enter heavy growth of timber, bears N. and S.

- 38.55 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S 7}{S 18}$
 1933

from which

A pinon pine, .7 ins. diam., bears S.29°30'W., 83 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A pinon pine limb, 6 ins. diam., bears N.42°30'W., 97 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

SUBDIVISION OF T. 22 N., R. 11 E.

Chains

- This, $\frac{1}{4}$ sec. cor. stands at the top of next bearing and 3.
- 43.20 Draw, heads N. approximately 10 chs. dist. 20 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. gradually 30 ft. over W. slope.
- 52.20 Spur, projects S.; desc. E. slope 45 ft.
- 66.10 Draw, drains SE.; asc. W. slope 25 ft.
- 70.60 The head of a draw, draining SW., bears S. about 40 lbs. dist.
- 72.50 Spur, slopes S. approximately 4 chs. dist.; desc. E. slope 45 ft. to
- 75.55 The cor. of secs. 7, 8, 17, and 18.

Land, gently rolling, rolling, and rolling mountainous, draining SE. approximately 20 chs. dist., thence easterly and northeasterly; outcroppings of yellow and gray sandstone, and yellow volcanic formation.

Soil, red sand and sandy loam, several ft. deep in bottom of draws, and more shallow on tops and slopes, lying on various colored clays or on bedrock, 1st. to 3rd. rate.

Timber, medium to heavy cedar and pinon pine.

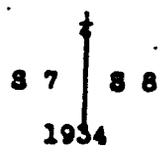
Undergrowth, shadscale, yellow top, and mountain rush.

Grass, scattering to good growth of gramma and bunch grass.

N.0°03'W., bet. secs. 7 and 8.

Over rough and broken land, through heavy growth of timber and scattering undergrowth; asc. SW. slope 60 ft.

- 10.40 Red spur, projects S.70°E. approximately 10 chs. dist.; desc. 65 ft. over small draws and low spurs putting E.
- 25.90 Draw, drains easterly; asc. 5 ft.
- 27.60 Low spur, projects E. approximately 10 chs. dist.; desc. N. slope 15 ft.
- 30.00 Draw, drains northeasterly; asc. 5 ft. to
- 37.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 1/2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine, 12 ins. diam., bears S.65°30'E., 163 ft. dist., mkd. $\frac{1}{4}$ S S E T.
- A pinon pine, 10 ins. diam., bears S.26°15'W., 170 ft. dist., mkd. $\frac{1}{4}$ S S E T.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

50.10 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects easterly approximately 12 chs. dist.; desc. gradual N. slope 60 ft. to sec. cor.

77.40 Leave timber, bears E. and W. and enter opening.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T 23 S	R 11 E
S 6	S 5
S 7	S 8

1934

from which

A cedar, 5 ins. diam., bears N.4°00'E., 264 lks. dist., mkd. T 23 S R 11 E S 5 B T.

A cedar, 6 ins. diam., bears S.20°30'E., 210 lks. dist., mkd. T 23 S R 11 E S 8 B T.

A pinon pine, 5 ins. diam., bears S.52°15'W., 182 lks. dist., mkd. T 23 S R 11 E S 7 B T.

A pinon pine, 16 ins. diam., bears N.48°45'W., 188 lks. dist., mkd. T 23 S R 11 E S 6 B T.

Land, rough, broken, and rolling, S. 50.10 chs.; rolling and gently rolling, N. 29.90 chs.; drainage generally to the NE. into Straight Wash; outcroppings of varied colored sandstone, granite, blue limestone, red shale, and volcanic formation.

Soil, gravelly and rocky red sand, sandy loam, varied colored clays, about 3 ins. to 3 ft. deep, lying on bedrock on rough and broken portion of mile; red sandy loam several ft. deep in bottoms of draws and on rolling portion. 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale and yellow top; dense greasewood and rabbit brush in bottoms of draws.

Grazing, a good growth of gramma grass.

East, on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 4, 5, 8, and 9.

Thence,

N.89°59'W., on a true line bet. secs. 5 and 8.

Over rolling and gently rolling land, through medium dense undergrowth; desc. W. slope 25 ft.

1.00 Draw, drains N.; asc. E. slope 30 ft.

2.90 Top of ascent, bears N. and S.; desc. 5 ft.

10.80 Draw, drains NE.; asc. 5 ft.

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

- 11.90 Top of ascent, bears NE. and SW.; road, bears N. 20° W. to Castle Dale and Huntington, Utah, and S. 20° W. to Tan Seep, Carter's Oil Well, and Mormon Tanks.
- 31.30 Draw, drains NE.; asc. gradual SE, slope 5 ft. to
- 39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \hline \text{S } 8 \\ 1934 \end{array}$$

At the base of the monument, I deposit a limestone, 6x1 ins., marked with a cross (X), as there are no other accessories available.

From this cor. asc. gradually 35 ft. to sec. cor.

- 41.00 Slope changes from SE. to E. and NE.
- 77.20 Old road, bears NE. to Joe Swasey's cabin, in sec. 9, T. 23 S., R. 10 E., and SE. to the main road bet. Castle Dale and Huntington, Utah, and Tan Seeps, Carter's Oil Well, and Mormon Tanks.
- 79.32 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and gently rolling; general drainage to NE.; outcroppings of sandstone and blue limestone formations.

Soil, red sandy loam and varied colored clays, about 3 to several ft. deep, lying on bedrock, 1st. to 2nd. rate.

Timber, none.

Undergrowth, shalscale and yellow top.

Grass, a fair growth of grama and bunch grass.

S. 89° 52' W., on a random line bet. secs. 6 and 7.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.43 Intersect the W. bdy. of the Tp., 7 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 23 S., R. 10 E., Group No. 124.

Fence,

N. 89° 49' E., on a true line bet. secs. 6 and 7.

Over nearly level and rolling land, through a medium dense undergrowth; desc. gradually 5 ft.

- 18.30 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains NE.; asc. gradual SW. slope 10 ft.
- 19.4 Enter a heavy growth of timber, bears NW. and SE.
- 19.90 Leave nearly level and rolling land, bears NW. and SE.; asc. more abrupt SW. slope 85 ft. to

SUBDIVISION OF T. 23 S., R. 11 E.

Chains

38.43 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap and.

$\frac{S 6}{S 7}$
 1934

from which

A pinon pine, 8 ins. diam., bears N. 41° 30' E., 108 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

A pinon pine, 10 ins. diam., bears S. 62° 00' W., 100 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

From this cor. asc. abruptly 210 ft. over rugged general SW. slope.

46.60 W. edge of narrow ridge, bears N. and S.; asc. 10 ft. over nearly level top.

48.40 E. edge of narrow ridge and top of light colored red sandstone perpendicular ledge, 60 ft. high, bears N. and S.; desc. abrupt E. slope 270 ft.

58.50 Base of abrupt descent; bears N. and S.; desc. gradual E. slope 70 ft. to sec. cor., over rolling and gently rolling land,

77.10 Wash, 20 lks. wide, 1 ft. deep, drains northeasterly.

77.40 Leave timber, bears N. and S., and enter opening.

78.43 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and gently rolling, W. 13.93 and E. 14.93 chs.; abrupt, and rugged with outcroppings, large boulders, broken, sloping, and perpendicular ledges of varied colored sandstone, granite, blue limestone, shale, and volcanic formation on remainder of mile; general drainage NE. into Straight Wash.

Soil, red sand and sandy loam, several ft. deep in bottom, 1st. rate; a dark red sand, shallow and rocky, lying on varied colored clays or on bedrock, 3rd. to 4th. rate, on remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shedscale, sagebrush, mountain rush, and rabbit brush.

Grazing, a good growth of gramma grass on gently rolling and rolling land; scattering bunch grass on rough portions.

N. 0° 03' W., on a random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

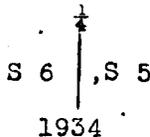
79.78 Intersect N. bdy. of the Tp., 12 lks. E. of the cor. of secs. 5, 6, 31, and 32, hereinbefore described.

Thence,

S. 0° 08' E., on a true line bet. secs. 5 and 6.

SUBDIVISION OF T. 23 S., R. 11 E.

- Chains
- Over rolling and gently rolling land, through a medium dense undergrowth; desc. gradual E. slope 5 ft.
- 1.80 Swale, drains northeasterly; asc. gradual general NW. slope 25 ft.
- 25.90 Top of ascent, bears E. and W.; desc. gradual S. slope ft. to
- 39.78 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine, 5 ins. diam., bears N.5°30'E., 209 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
- A cedar, 3 ins. diam., bears N.11°00'W., 203 lks. dist., mkd. B T.
- 42.60 Wash, 50 lks. wide, 4 ft. deep, in bottom of Straight Wash hollow, 15 ft. below $\frac{1}{4}$ sec. cor., drains easterly; asc. gradually 55 ft. to sec. cor. over gently rolling rolling land.
- 65.60 Wash, 15 lks. wide, 2 ft. deep, drains NE.
- 76.60 Old road, bears NW. to Joe Swasey's cabin, in sec. 9, T. 23 S., R. 10 E., and SE. to the main road bet. Castle L. and Huntington, Utah, and Tan Seeps, Carter's Oil Well, and Mormon Tanks.
- 76.70 Wash, 20 lks. wide, 2 ft. deep, drains NE.
- 79.78 The cor. of secs. 5, 6, 7; and 8.

Land, rolling and gently rolling; outcroppings of blue limestone and some sandstone; general drainage SE. by Straight Wash hollow.

Soil, red sand and sandy loam, and varied colored clays several ft. deep, lying on bedrock; 1st. to 3rd. rate.

Timber, a few scattering cedar and pinon pine.

Undergrowth, shadscale, mountain rush, yellow top, and rabbit brush; dense growth of greasewood along Straight Wash hollow

Grazing, fair to good growth of gramma grass and bunch grass.

GENERAL DESCRIPTION

This township lies on top of a plateau called the San Rafael Swell, which comprises a part of an area in Emery County, Utah, known as Sinbad. Every variety of land, ranging from level, gently rolling, rolling and mountainous on nearly all of the sections to rugged mountains, gulches, and gorges in the extreme east and southeast portions and on parts of the west range of sections.

GENERAL DESCRIPTION

Numerous knolls, buttes, and small and large benches or mesas, which are separated by draws and hollows, are found all over the township. Blue limestone, red and blue shale, varied colored sandstone, and conglomerate of varied colored sandstone and volcanic rock are the principal formations, being exposed in the form of surface rock, outcroppings, large boulders, and broken, sloping, and perpendicular ledges and rims. Limestone and shale predominate, except on the rugged portions of the east and west ranges and south tier of sections. Two prominent buttes known as the Twin Buttes are located in the N. $\frac{1}{4}$ SE. $\frac{1}{4}$ and the S. $\frac{1}{4}$ NW. $\frac{1}{4}$ of section 34, and Lone Man Butte stands near the section line in the NW. $\frac{1}{4}$ SW. $\frac{1}{4}$ of section 25. Little Block Mountain, which lies in the NW. $\frac{1}{4}$ of section 19, can be seen for many miles from the surrounding country. The township has a general southern exposure; an elevation above sea level of approximately 6000 to 6700 feet, and it is drained to the southeast into deep gulches and gorges, which cut through the reef, forming the south rim or edge of the San Rafael Swell. The reef of the San Rafael Swell is called the Water Pocket Reef, on account of the large tanks of water that lie in the bottoms of the chasms, gulches, and gorges. In the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ of section 11, a wash known as Straight Wash empties into a box or gorge, and drains easterly, crossing the east boundary of the township about eight chains north of the quarter section corner between sections 7 and 12.

On the greater portion of nearly all of the sections, the soil is a red sand and sandy loam, rocky and gravelly in places, and varying in depth from about six inches to three feet on tops and slopes to several feet in the bottoms of draws, hollows, and swales, 1st. to 4th. rate. On the rugged parts, more so on the east and west ranges and south tier of sections, the soil is a shallow red sand, lying alternately on layers of varied colored clays and shale, or on bedrock, 4th. rate.

The timber is cedar and pinon pine, being sparse and scattering on the greater portions of nearly all of the sections in the northern half of the township and on the slopes of all benches or mesas. A medium to a heavy growth of timber covers the greater part of the southern half of the township, appearing in patches and groves on the tops of benches or mesas, and dense and scrubby on nearly all of the south two tiers of sections.

Shadscale, yellow top, and mountain rush is the principal undergrowth on nearly all of the sections, being sparse and scattering in the heavy growth of timber and medium dense to dense in the open portions. Although black brush and service berry bushes predominate on the rough parts, and more so on the west range and south two tiers of sections. Dense greasewood and rabbit brush grow along the bottoms of all the main washes, draws, hollows, and swales.

There are no springs, seeps, or running water in the township. Tanks of water of various sizes in the sandstone formation, some of them as deep as ten feet and about two chains in length, are found in the bottoms of some of the gorges and gulches in the east range and south tier of sections. Water runs off the surface rock from melting snow or from rain or flood water during the rainy seasons into these tanks. Several large tanks of water, known as the Crawford Holes, are located in the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ of section 11, in the bottom and at the head of the Straight wash box. Two of the Crawford Holes are accessible to stock, and about one hundred head of cattle water here the year round. From Crawford Holes to the point where Straight Wash crosses the east boundary of the township, there are a great many large tanks of water in the bottom of Straight Wash gorge, but nearly all of them cannot be reached by stock. The water can be used for culinary purposes, if the holes or tanks are kept clean by flood water from frequent storms.

GENERAL DESCRIPTION

A reservoir, about 1 chain wide and 5 chains long, which is filled with flood water for stock, lies in the NE. $\frac{1}{4}$ SW. $\frac{1}{4}$ of section 4.

There are no settlers nor any ground under cultivation in the township. Nearly all of the land, on account of being rough and broken, is more adapted for grazing purposes. Although, large tracts with deep sandy loam in the bottoms of the broad swales and hollows in the northern half of the township are suitable for farming. But, as irrigation is necessary, it is impracticable to raise crops, only by dry farming during wet seasons.

Nearly all of the sections are covered with a fair to an excellent growth of gramma, sand, and bunch grass, and afford a good fall, winter, and spring range for stock. Approximately 30,000 sheep and 500 head of cattle graze in this township and adjoining townships for about six months out of the year. Approximately 100 head of cattle range in this township the year round, and also about 1000 wild horses graze in this locality the entire year. The abundant growth of black brush on the rough portions of the east and west ranges and south tier of sections serves as a good browse feed for sheep during deep snows. In grazing this township, the stock depend almost entirely on snow for water, and when the snow is gone nearly all of the herds trail to water holes, springs and streams in adjacent townships.

A wagon road from Castle Dale and Huntington, Utah, enters the township east about ten chains distant from the quarter section corner on the north boundary of section 4, and bears in a southwesterly direction to Tan Seeps in Township 24 South, Range 10 East, thence through the Water Pocket Reef onto the Big Desert, leaving the west boundary of the township north approximately ten chains distant from the corner of sections, 25, 30, 31, and 36. From this road, in section 4, a wagon road branches off in a southeasterly course to Crawford Holes in the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ of section 11. From the Castle Dale and Huntington road, in section 16, an old wagon road bears in a southeasterly direction to the Mormon Tanks, which are located in the Water Pocket Reef, in Township 24 South, Range 12 East, crossing the east boundary of section 36, near the southeast corner of the township. A wagon road takes off of the Castle Dale and Huntington road, in section 29, and has a southeasterly course to the Carter Oil Well in the NE. $\frac{1}{4}$ SW. $\frac{1}{4}$ of section 34. From the Castle Dale and Huntington road, in section 8, an old wagon road branches off in a northwesterly direction to Joe Swasey's homestead, which is located in section 9, Township 23 South, Range 10 East, leaving the west boundary of section 6, south approximately twenty chains distant from the northwest corner of the township.

There are no seams nor veins of coal nor any indication of mineral in the township, but oil shale is plentiful on most all of the sections. An unproductive oil well, which is known as the Carter Oil Well, is plugged and located in the NE. $\frac{1}{4}$ SW. $\frac{1}{4}$ of section 34. The well is 3035 feet deep, and was drilled with a galvanized iron pipe, 15 $\frac{1}{2}$ inches in diameter. There are no other drillings for oil nor any improvements in the township.

CERTIFICATE OF UNITED STATES SURVEYOR

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah, District No. 6 bearing date of the 3rd day of March, 1928, I have well, faithfully, and truthfully in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South, East, and North Boundaries, and Subdivision of T. 23 S., R. 11 E.

of the Salt Lake Meridian, in the State of Utah, which are represented by the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, District No. 6, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at Salt Lake City, Utah, February 9, 1935.

J. C. Clark
U. S. Surveyor

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, MAR 11 1935, 19

The foregoing field notes of the survey of the South, East, and North Boundaries, and Subdivision of T. 23 S., R. 11 E.

executed by J. C. Clark under his special instructions dated March 3, 1928, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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FIELD NOTES

OF THE SURVEY OF THE

EAST AND WEST RIVER VALLEYS

AND ADJACENT LANDS

BY

of the State of California

the State of California

EXECUTED BY

W. H. ..., P. S. Surveyor

Under special instructions dated March 10, 1934 issued by Commissioner of the General Land Office

The survey included under Contract No. 100 bearing the approval of the

Commissioner of the General Land Office under date of April 10, 1934

and assignment instructions dated April 10, 1934

Survey commenced February 3 1934

Survey completed May 20 1934

INDEX DIAGRAM.

Township 22 South, Range 11 East

10	11	13	14	16	17
8 90	5 70	4 57	3 43	2 30	1 8
88	87	69	56	42	28
7 86	8 68	9 55	10 41	11 27	12 7
85	84	67	53	39	26
18 83	17 65	16 52	15 38	14 25	13 6
81	80	64	51	36	24
19 78	20 62	21 49	22 35	23 23	24 5
77	76	61	48	34	22
20 74	29 60	28 47	27 33	26 21	25 4
73	72	59	46	32	19
21 71	32 58	33 45	34 31	35 18	36 2

Survey commenced February 3, 1934, and executed with a Young and Sons transit No. 8520. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer for district No. 6, in assignment instructions dated September 30, 1933, conditional upon satisfactory field tests. I also examined all the instrumental adjustments and corrected all errors before making the field tests hereinafter described.

The directions of the lines were determined by the solar transit method, except the lines obtained by observations upon Polaris at elongation upon which to test the solar apparatus as stated in the field notes. These special meridians derived from Polaris observations at elongation were checked by time hour angle observations upon Polaris, and during suitable weather the solar attachment was tested every week on the meridians. Determinations for latitude and declinations were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for altitudes, varying from 5000 to 6000 feet above sea level. During the progress of the survey of this township, the bearings of the boundaries of the township and the meridional section lines were frequently checked by day light observations upon Polaris at elongation.

The measurements were made with Lallie steel tapes, 5 chains and 8 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard and found correct. All measurements were made on the slope, and the vertical angle at each interval was ascertained by a clinometer in good adjustment; and the horizontal equivalents were entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. con of the Tp., as follows: latitude $38^{\circ}51'N.$, and longitude $110^{\circ}40'W.$ The observed general average magnetic declination is $16^{\circ}05'$ east, which gives the magnetic bearing of the true meridian, $N.16^{\circ}05'W.$

INITIAL TESTS OF INSTRUMENT

February 3, 1934, in camp, in the SE. $\frac{1}{4}$ NE. $\frac{1}{4}$ of sec. 11, T. 23 S., R. 11 E., on the same meridian which was established October 20, 1933, by observations upon Polaris, for the purpose of making the initial test of the instrument during the survey of T. 23 S., R. 11 E., Group No. 198, I test the solar attachment every hour from 7:30 to 10:30 a. m. and from 1:30 to 4:30 p. m., making the proper settings on the arcs of the instrument, and ascertain that the lines determined with the solar, when compared with the meridian established by Polaris observations, have a maximum error of less than one and one half minutes. At apparent noon, I set the calculated latitude on the latitude arc, and observe the sun on the meridian; the resulting reading of the declination arc agrees within one half minute of the computed declination of the sun.

March 21, 1934, in camp, in the NW. $\frac{1}{4}$ of sec. 6, T. 22 S., R. 11 E., at 7h 38.8m p. m., 1. m. t., I observe Polaris at western elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point on a peg driven firmly in the

Chains ground 8 chs. N.

March 22, after sunrise, I lay off the azimuth of Polaris $1^{\circ}21'$, and make a meridian mark on a second peg, 18.85 lks. (12.44 ft.) to the east of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

Every hour from 7:30 to 10:30 a. m. and from 1:30 to 4:30 p. m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observations, has a maximum error of less than one and one half minutes. At apparent noon, I set the calculated declination on the declination arc, and observe the sun on the meridian; the resulting reading of the latitude arc agrees within one half minute of the computed latitude.

FINAL TESTS OF INSTRUMENT

May 28, 1934, on the same meridian which was established March 21, 1934, in the NW. $\frac{1}{4}$ of sec. 6, T. 22 S., R. 11 E. by observations upon Polaris, for the purpose of making an initial test of the instrument, I test the solar attachment every hour from 7:30 to 10:30 a. m. and from 1:30 to 4:30 p. m., making the proper settings on the arcs of the instrument; and ascertain that the lines determined with the solar when compared with the meridian established by Polaris observations, practically agree. At apparent noon, I set the calculated latitude on the latitude arc, and observe the sun on the meridian; the resulting reading of the declination arc agrees within one half minute of the computed declination of the sun.

The latitudes obtained by the solar attachment on the Polaris meridians and the calculated latitudes practically agree, and as the instrument using the solar apparatus gives positions for meridians that differ no more than one and one half minutes from the meridians established from Polaris observations, I conclude that the transit has been in adjustment during the progress of the survey of this township.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Commence at the cor. of Tps. 22 and 23 S., Rs. 11 and 12 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly mkd., and witnessed as described in the official record of the survey of T. 23 S., R. 11 E., Group No. 198.

North, on a true line along the E. bdy of T. 22 S., R. 11 E., bet. secs. 31 and 36.

Over rolling land, through scattering timber and undergrowth; asc. SW. slope 10 ft.

- 6.60 Top of ascent, bears E. and W.; the W. extremity of a butte, approximately 75 ft. high, bears E. about 5 chs. dist.; desc. gradual NW. slope 10 ft.
- 11.50 Leave timber.
- 19.00 Head of swale, drains SW.; asc. gradual S. slope 40 ft.
- 34.00 Base of abrupt ascent, bears NE. and SW.; enter scattering

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

timber; asc. 85 ft., over steep and broken SE. slope to

39.60 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 7 ins. diam., bears S.36°15'E., 239 lks. dist., mkd. W C $\frac{1}{4}$ S 31 B T.

A cedar limb, 5 ins. diam., bears S.11°15'W., 53 lks. dist., mkd. W C $\frac{1}{4}$ S 36 B T.

40.00 True point for $\frac{1}{4}$ sec. cor. falls in wash, 15 lks. wide, 4 ft. deep, on steep, loose SE. slope, 10 ft. above witness cor. to the $\frac{1}{4}$ sec. cor., draining southeasterly; asc. abruptly 110 ft.

42.00 Top of nearly perpendicular and broken limestone ledge or S. rim of spur, 30 ft. high, bears N.80°E. and S.80°W.; asc. gradually 10 ft. over top.

43.00 Top of the spur, projects E. approximately 1 ch. dist.; gradual descent of 5 ft.

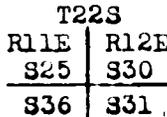
44.30 N. rim of spur, bears E. and W.; desc. 165 ft. over steep, broken N. slope.

50.60 Base of abrupt descent, bears E. and SW.; gradual descent of 10 ft.

65.60 Swale, heads NW. about 40 chs. dist., drains southeasterly; gradual ascent of 25 ft.

75.60 Base of ascent, bears E. and W.; enter medium growth of timber, bears SE. and W.; asc. 55 ft., over abrupt S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.



1934

from which

A pinon pine limb, 7 ins. diam., bears N.87°15'E., 96 lks. dist., mkd. T.22 S R 12 E S 30 B T.

A pinon pine, 12 ins. diam., bears S.63°30'E., 122 lks. dist., mkd. T 22 S R 12 E S 31 B T.

A pinon pine limb, 7 ins. diam., bears S.1°15'W., 89 lks. dist., mkd. T 22 S R 11 E S 36 B T.

A cedar, 10 ins. diam., bears N.31°15'W., 15 lks. dist., mkd. T 22 S R 11 E S 25 B T.

Land, broken; nearly level and gently rolling across bot-

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

toms of swales; drainage SW.; S. 43.00 chs., and SE., N. 37.00 chs.; outcroppings of blue limestone formation on tops and slopes.

Soil, deep red sand and sandy loam in bottoms of swales, 1st. rate; shallow and rocky red sand, lying on a clay subsoil or on bedrock on tops and slopes, 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, white sagebrush, and black sagebrush.

Grazing, a fair to good growth of bunch and gramma grass

North, bet. secs. 25 and 30.

Asc. 80 ft., over rough and broken S. slope; through a medium growth of timber and scattering undergrowth.

3.20 S. rim of spur, bears S.70°E. and S.70°W.; desc. 35 ft. over top.

8.40 N. rim of spur, bears NW. about 20 chs. dist. and E.; desc. 160 ft., over abrupt N. slope.

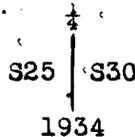
16.60 Head of draw, drains NE. about 25 chs. dist. into a main draw; gradual ascent of 10 ft.

22.60 Top of ascent, bears E. and W.; desc. N. slope 110 ft. to $\frac{1}{4}$ sec. cor.

33.20 Leave timber, bears NW. and SE.

38.00 Leave rough and broken N. slope and desc. over rolling land, bearing NW. and E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears S.18°00'E., 734 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

A pinon pine limb, 8 ins. diam., bears S.67°15'W., 43 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

56.50 Wash, 5 lks. wide, 1 ft. deep, drains E. about 8 chs. dist. into a main wash, thence SE.

66.70 Wash, 10 lks. wide, 2 ft. deep, in bottom of swale, 20 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. 25 ft., over gradual S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

T22S	
R11E	R12E
S24	S19
S25	S30

1934

from which

A cedar limb, 6 ins. diam., bears N.86°15'E., 877 lks. dist., mkd. T 22 S R 12 E S 19 B T.

There are no other trees available in secs. 24, 25, and 30; therefore, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rough and broken, S. 38.00 chs.; nearly level and rolling, N. 42.00 chs.; general drainage southeasterly; outcroppings of blue limestone formation.

Soil, shallow and rocky red sand, lying on a clay subsoil or on bedrock, 3rd. rate, on rough portions of mile; deep red sandy loam in the bottoms and sides of draws and hollows, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, white and black sagebrush, and mountain rush.

Grazing, fair to good growth of bunch and gramma grass.

North, bet. secs. 19 and 24.

Over rolling land, through scattering undergrowth; asc. 20 ft., over gradual S. slope.

2.00 Spur, slopes E. about 1 ch. dist.; desc. 5 ft.

7.00 Swale, heads NW. approximately 15 chs. dist., drains SE.; asc. gradual S. slope 45 ft.

23.90 Slope changes from S. to SE.; begin abrupt ascent of 105 ft.

25.60 Enter a medium growth of timber, bears NE. and SW.

29.60 S. edge of bench, which is locally known as Sagebrush Bench, bears NE. and SW.; asc. 10 ft., over gradual rolling top to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

S24	S19
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1934

from which

A pinon pine, 8 ins. diam., bears N.63°45'E., 126 lks. dist., mkd. ¼ S 19 B T.

A pinon pine, 9 ins. diam., bears N.59°45'W., 46 lks. dist., mkd. ¼ S 24 B T.

41.40 Top of ascent, 5 ft. above ¼ sec. cor., bears E. and W.;

Chains desc. gradually 20 ft. to sec. cor., over N. slope. aniam3
 56.40 Leave timber, bears NE. and SW.
 65.80 Road, bears N.80°E. to Castle Dale and Huntington, Utah and S.80°W. to Crawford Holes, Tan Seeps, Carter's Oil Well, and Mormon Tanks.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

T22S	
R11E	S12E
S13	S18
S24	S19

1934

At the base of the monument, I deposit a blue limestone 5x3x1 ins., marked with a cross (X). Pits are impracticable, and no other accessories available.

Land, rolling, gently rolling, and nearly level, draining to the SE.; outcroppings of blue limestone formation.

Soil, red sand and sandy loam, about 8 ins. to several deep, lying on a white chalky subsoil, 2nd. and 3rd. rat

Timber, cedar and pinon pine.

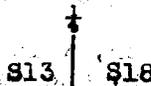
Undergrowth, yellow top, shadscale, white and black sage brush, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

North, bet. secs. 13 and 18.

Over nearly level and gently rolling top of Sagebrush Bench, through scattering timber and medium dense undergrowth; desc. gradual general N. slope 25 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



1934

from which

A cedar limb, 5 ins. diam., bears N.51°30'W., 594 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

There are no trees available in sec. 18; therefore, at the base of the monument, I deposit a blue limestone, 8x7x1 $\frac{1}{2}$ ins., marked with a cross (X).

70.00 Enter a heavy growth of timber, bears SE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

T22S	
R11E	R12E
S12	S7
S13	S18

1934

from which

A pinon pine limb, 7 ins. diam., bears N.17°30'E., 459 lks. dist., mkd. T 22 S R 12 E S 7 B T.

A cedar, 6 ins. diam., bears S.75°30'E., 367 lks. dist., mkd. T 22 S R 12 E S 18 B T.

A cedar, 6 ins. diam., bears S.59°30'W., 539 lks. dist., mkd. T 22 S R 11 E S 13 B T.

A cedar limb, 8 ins. diam., bears N.50°15'W., 216 lks. dist., mkd. T 22 S R 11 E S 12 B T.

Land, nearly level, rolling, and gently rolling top of Sagebrush Bench, draining generally to the N., except S. 15 chs., which drain SE.; outcroppings of blue limestone formation.

Soil, red sand and sandy loam, about 8 to 12 ins. deep, lying on a white chalky subsoil, 2nd. to 3rd. rate.

Timber, a few scattering cedar.

Undergrowth, yellow top, shadscale, black sagebrush, and mountain rush.

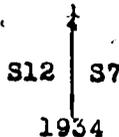
Grazing, a fair to good growth of gramma and bunch grass and weeds.

North, bet. secs. 7 and 12.

Over nearly level and gently rolling top of Sagebrush Bench, through medium growth of timber and scattering undergrowth; desc. 65 ft., over general N. slope.

35.40 Top of nearly perpendicular limestone ledge and N. edge of Sagebrush Bench, or S. rim of gulch, 15 ft. high, bears NW. about 5 chs. dist., thence westerly, and E.; precipitous descent of 140 ft., over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine limb, 6 ins. diam., bears N.79°45'E., 56 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

A pinon pine, 8 ins. diam., bears N.34°45'W., 35 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

42.00 Wash, 10 lks. wide, .2 ft. deep, in bottom of gulch, 20 ft. below $\frac{1}{4}$ sec. cor., drains northwesterly; steep ascent of 210 ft.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

- 48.00 Top of nearly perpendicular limestone ledge or N. rim of gulch, 20 ft. high, bears NW. and SE.; desc. 20 ft., over nearly level and rolling top of bench or mesa.
- 59.90 N. edge of bench or mesa and S. rim of gulch, 10 ft. high bears NW. about 15 chs. dist., and SE.; steep descent of 225 ft., over NE. slope.
- 68.90 Wash, 20 lks. wide, 3 ft. deep, in bottom of gulch, drains northwesterly; precipitous ascent of 100 ft., over SW. slope.
- 79.40 Top of ascent, bears E. and W.; desc. 10 ft., over N. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T22S	
R11E	R12E
S1	S6
S12	S7

1934

from which

- A pinon pine, 10 ins. diam., bears N.50°45'E., 99 lks. dist., mkd. T 22 S R 12 E S 6 B T.
- A pinon pine, 6 ins. diam., bears S.11°30'E., 62 lks. dist., mkd. T 22 S R 12 E S 7 B T.
- A pinon pine, 8 ins. diam., bears S.40°30'W., 99 lks. dist., mkd. T 22 S R 11 E S 12 B T.
- A pinon pine, 5 ins. diam., bears N.38°00'W., 302 lks. dist., mkd. T 22 S R 11 E S 1 B T.

Land, nearly level, rolling, and gently rolling top of Sagebrush Bench, S. 35.40 chs.; rough and broken, with deep gulches and flat topped Prongs from Sagebrush Bench N. 44.60 chs.; general drainage to the NW.; blue limestone surface rock and outcroppings.

Soil, red sand and sandy loam, 8 to 12 ins. deep, lying on a white chalky subsoil, S. 35.40 chs., 2nd. to 3rd. rate; red sand and sandy loam, 1 to several inches deep, lying on limestone bedrock on tops and several feet deep in bottoms, lying on white chalky subsoil, N. 44.60 chs., 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, black sagebrush, and mountain rush.

Grazing, a fair growth of gramma and bunch grass.

North, bet. secs. 1 and 6.

Over rough and broken land, through medium growth of timber and scattering undergrowth; desc. N. slope 5 ft.

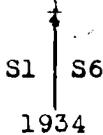
- 0.40 Draw, drains W.; asc. 25 ft.
- 2.80 Top of ascent, bears E. and W.; desc. gradually 35 ft.

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

- 9.50 Draw, drains NW.; precipitous ascent of 155 ft., over SW. slope.
- 19.60 Top of broken limestone ledge or the S. rim of bench or mesa, 30 ft. high, bears NW. approximately 20 chs. dist., and SE.; desc. 25 ft., over nearly level top.
- 31.30 N. edge of bench or mesa, bears NW. about 25 chs. dist., thence northerly, and SE.; desc. abruptly 50 ft., along top of spur projecting N. to
- 35.50 Saddle in spur, bears NE. approximately 3 chs. dist. to a narrow splinter of rock or outcropping, 20 ft. long, 20 ft. wide, and 8 ft. high, and SW.; desc. abruptly 40 ft., along NW. slope to
- 38.10 Base of abrupt descent, bears SE. and SW; desc. 10 ft., over rolling NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

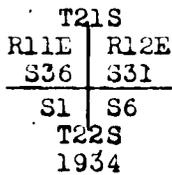


from which

A pinon pine limb, 8 ins. diam., bears N.29°45'E., 188 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

A pinon pine, 10 ins. diam., bears N.75°15'W., 147 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

- 62.70 Wash, 20 lks. wide, 1 ft. deep, drains NE.
- 77.00 Draw, 145 ft. below $\frac{1}{4}$ sec. cor., drains NE.; asc. SE. slope 20 ft. to
- 80.00 At the top of ascent, bearing NE. and SW., set an iron post, 3 ft. long, 3 ins. in diam., 22 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 1 ft. high, for cor. of Tps. 21 and 22 S., Rs. 11 and 12 E., with brass cap mkd.



from which

A pinon pine, 6 ins. diam., bears N.41°15'E., 228 lks. dist., mkd. T 21 S R 12 E S 31 B T.

A cedar limb, 6 ins. diam., bears S.16°30'E., 471 lks. dist., mkd. T 22 S R 12 E S 6 B T.

A pinon pine limb, 7 ins. diam., bears S.88°30'W., 118 lks. dist., mkd. T 22 S R 11 E S 1 B T.

A pinon pine, 5 ins. diam., bears N.21°30'W., 92 lks. dist., mkd. T 21 S R 11 E S 36 B T.

Land, abrupt rough slopes and broken top of prong or mesa from Sagebrush Bench, S. 31.30 chs.; rough, broken, and

HENRY MOUNTAIN GUIDE MERIDIAN

EAST BOUNDARY OF T. 22 S., R. 11 E.

Chains

rolling, N. 48.70 chs.; general drainage northeasterly; surface rocky and outcroppings of broken and perpendicular rims of blue limestone and light colored sandstone formation.

Soil, red sand and sandy loam, shallow on tops and slope and about 1 to several ft. deep in bottoms, lying on var colored clay subsoil or on bedrock, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, bud sagebrush, and mountain rush.

Grazing, scattering to fair growth of gramma and bunch grass.

NORTH BOUNDARY OF T. 22 S., R. 11 E.

At the cor. of Tps. 21 and 22 S., Rs. 11 and 12 E., I turn 90° from a flag previously located on the E. bdy of T. 22 S., R. 11 E., and run

West, on a random line, making proper offsets to the north from the tangent to the parallel at intervals of 40.00 chs., setting temp. $\frac{1}{4}$ sec. and sec. cors. along the line bet. Tps. 21 and 22 S., R. 11 E. At 477.86 chs., the parallel intersects a N. and S. line, 30 lks. N. of the cor. of Tps. 21 and 22 S., Rs. 10 and 11 E., which is an iron post, 3 ins. in diam., extending 10 ins. above ground firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 22 S., R. 10 E. Group No. 124. The falling answers to a correction of 5 lks. S. per mile, counting from the point of beginning, and gives the bearing of the N. bdy. of the Tp. N.89°58'E

Thence,

N.89°58'E., bet. secs. 6 and 31, marking and blazing the true line.

Over rolling land, through scattering undergrowth; desc. 10 ft., over gradual SE. slope.

- 5.00 Swale, drains NE.; asc. 10 ft.
- 11.40 Top of ascent, bears NE. and SW.; desc. gradual E. slope 10 ft. to $\frac{1}{4}$ sec. cor.
- 14.00 Stock trail, bears NW. to Mexican Springs, which are located in sec. 36, T. 21 S., R. 10 E., and SE.
- 37.86 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S31

36

1934

At the base of the monument, I deposit a limestone, 6x5x $\frac{1}{2}$ ins., marked with a cross (X), as there are no other accessories available.

- 40.00 A swale, drains northeasterly; asc. gradually.
- 49.30 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW. desc. 10 ft.

II. A. NORTH BOUNDARY LINE, SEC. 5, 6, 31, 32, R. 11 E.

- 54.80 Draw, heads SW. approximately 30 chs. dist., drains NE. about 25 chs. dist. into a main draw; asc. 50 ft. to spur.
- 60.90 Leave rolling and enter rough and broken land, bears N. and E.; enter a heavy growth of timber, bears NE. and SW.
- 66.70 Spur, projects NE. approximately 8 chs. dist.; abrupt descent of 55 ft.
- 76.60 Wash, 30 lks. wide, 3 ft. deep, in bottom of hollow, drains NW. about 20 chs. dist., thence northeasterly; asc. abrupt E. slope 40 ft. to
- 77.86 True point for the cor. of secs. 5, 6, 31, and 32, falls on a perpendicular limestone ledge, 15 ft. high, bearing N. and S., where it is impracticable to establish a cor. monument or mark a cross (X); therefore, N. 89° 58' E., 4.40 dist., from the true point, I establish a witness cor. for the above secs., hereinafter described.

Land, nearly level, gently rolling, and rolling, W. 60.90 chs.; E. 16.96 chs., rough and broken; drainage to the NE.; surface rock and outcroppings of blue limestone, E. 16.96 chs.

Soil, red sand and sandy loam, about 2 to several ft. deep on nearly level, gently rolling, and rolling land; rocky and shallow red sand, lying on bedrock on E. 16.96 chs., 1st. to 4th. rate.

Timber, cedar and pinon pine on E. 16.96 chs.

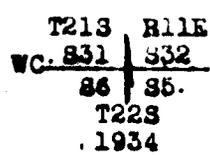
Undergrowth, yellow top, shadscale bud sagebrush, and mountain rush.

Grazing, scattering to a good growth of bunch and grama grass.

From the true point for cor. of secs. 5, 6, 31, and 32, N. 89° 58' E., bet. secs. 5 and 32.

Asc. 35 ft., over abrupt W. slope, through a heavy growth of timber and scattering undergrowth.

- 0.90 Ascent becomes more gradual.
- 2.10 Spur, projects N. about 7 chs. dist.; desc. gradually 5 ft. to
- 4.40 On nearly level top, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for witness cor. to the cor. of secs. 5, 6, 31, and 32, with brass cap mkd.



from which

A pinon pine limb, 7 ins. diam., bears N. 79° 15' E., 91 lks. dist., mkd. W C T 21 S. R 11 E S 32 B T.

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

- A pinon pine, 8 ins. diam., bears S.21°30'E., 201 lks. dist., mkd. W C T 22 S R 11 E S 5 B T.
- A pinon pine, 6 ins. diam., bears S.70°00'W., 221 lks. dist., mkd. W C T 22 S R 11 E S 5 B T.
- A pinon pine limb, 8 ins. diam., bears N.64°00'W., 11 lks. dist., mkd. W C T 21 S R 11 E S 32 B T.

- 8.80 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, 35 ft. below witness cor., which heads SE. about 10 chs. dist., drains NE.; asc. 40 ft.
- 23.50 Top of ascent, bears NW. and SE.; desc. E. slope 15 ft.
- 27.90 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, which heads SE. approximately 10 chs. dist.; drains northwest-erly; asc. 40 ft., over gradual W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 5 ft. by 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S32
 S5
 1934

from which

- A cedar limb, 6 ins. diam., bears S.67°30'W., 259 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
- A cedar limb, 7 ins. diam., bears N.43°30'W., 312 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.
- 50.00 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects N.; desc. 10 ft.
- 59.40 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, which heads SW. about 7 chs. dist., drains NE. about 30 chs. dist., into a main wash; asc. gradual W. slope 15 ft.
- 68.40 Top of ascent, bears N. and S.; desc. abruptly 115 ft., over E. slope to
- 73.20 Base of descent, bears N. and S.; over nearly level bott
- 77.60 Wash, 30 lks. wide, 3 ft. deep, in bottom of hollow, drains N.; over level bottom to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with bra cap mkd.

T21S R11E
 S32 S33
 S5 S4
 T22S
 1934

from which

- A cedar limb, 6 ins. diam., bears N.74°30'E., 403 lks. dist., mkd. T 21 S R 11 E S 33 B T.
- A pinon pine limb, 7 ins. diam., bears S.85°00'E., 46 lks. dist., mkd. T 22 S R 11 E S 4 B T.
- A pinon pine, 7 ins. diam., bears S.85°00'W., 411 lks. dist., mkd. T 22 S R 11 E S 5 B T.
- A pinon pine, 10 ins. diam., bears N.68°15'W., 402

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

lks. dist., mkd. T 21 S R 11 E S 32 B T.

Land, rough and broken, draining generally to the N.; surface rocky and blue limestone outcroppings.

Soil, red sand and sandy loam, about 3 ins. to 2 ft. deep, lying on bedrock on slopes and tops, 2nd. and 3rd. rate; sandy loam, several ft. deep in bottoms of draws and hollows, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, and mountain rush.

Grazing, gramma and bunch grass, scattering on slopes, more dense on tops.

N.89°58'E., bet. secs. 4 and 33.

Over nearly level bottom of hollow, through scattering undergrowth.

- 2.40 Leave bottom of hollow, bears N. and S.; begin abrupt ascent of 100 ft., over W. slope.
- 6.20 E. rim of hollow, bears N. about 15 chs. dist., thence northeasterly, and S.; asc. 30 ft., over rolling top.
- 17.70 Top of ascent, bears N. and S.; desc. gradual E. slope 35 ft.
- 30.50 W. rim of hollow, bears N. and SW.; desc. 120 ft., over abrupt E. slope.
- 34.10 Base of descent, bears N. and SW.; over level bottom.
- 38.60 Wash, 30 lks. wide, 3 ft. deep, in bottom of hollow, drains N. approximately 15 chs. dist. into a main wash, thence NW.; asc. 5 ft., over gradual W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

 S33
 $\frac{1}{4}$ S4
 1934

from which

A pinon pine, 7 ins. diam., bears S.12°00'E., 246 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

A pinon pine, 16 ins. diam., bears N.9°30'W., 207 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

- 45.00 Low spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects N. about 5 chs. dist.; desc. 5 ft.
- 49.60 Old road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.
- 49.80 A main wash, 25 lks. wide, 3 ft. deep, in bottom of hollow, drains NW.; asc. gradually 20 ft.
- 55.00 Top of gradual ascent, bears NW. and SE.; asc. abruptly

- Chains
- 155 ft., over SW. slope.
 - 60.90 Top of abrupt ascent, bears N. 25° W. and S. asc. gradually 10 ft., over rolling top.
 - 68.20 Top of ascent, bears N. and S.; desc. abruptly 120 ft. over E. slope.
 - 73.80 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, drains N. 35 chs. dist., into a main wash; asc. 110 ft., over W. slope.
 - 77.00 Top of abrupt ascent, bears N. and S.; continue ascent of 10 ft., over rolling top to
 - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 3 ins. in the ground to bedrock, and in a mound of stone, 7 ft. or 2½ ft. high, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

T21S	R11E
S33	S34
S4	S3
T22S	
1934	

from which

- A pinon pine limb, 5 ins. diam., bears N. 8° 45' E., 46 lks. dist., mkd. T 21 S R 11 E S 34 B T.
- A pinon pine limb, 9 ins. diam., bears S. 7° 45' E., 77 lks. dist., mkd. T 22 S R 11 E S 3 B T.
- A pinon pine limb, 7 ins. diam., bears S. 77° 45' W., 55 lks. dist., mkd. T 22 S R 11 E S 4 B T.
- A pinon pine limb, 8 ins. diam., bears N. 52° 45' W., 99 lks. dist., mkd. T 21 S R 11 E S 33 B T.

Land, rough, broken, and mountainous, draining generally to the NW.; surface rocky and blue limestone outcropping

Soil, red sand and sandy loam, about 3 ins. to 2 ft. deep lying on bedrock on slopes and tops, 2nd. and 3rd. rate; sandy loam, several ft. deep in bottoms of draws and hollows, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, and mountain rush.

Grazing, gramma and bunch grass, scattering on slopes and more dense on tops.

N. 89° 58' E., bet. secs. 3 and 34.

Over rough and broken land, through medium heavy growth timber and scattering undergrowth; asc. gradually 10 ft. over W. slope.

- 2.30 Spur, projects N. approximately 10 chs. dist.; desc. 5 ft. to
- 4.50 W. rim of hollow, bears N. 10° W. about 7 chs. dist.; and S. 15° E.; desc. abruptly 150 ft.
- 10.20 Base of steep descent, bears N. and S.; leave timber,

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

- bears N. and S.; desc. gradually 5 ft., over nearly level bottom of hollow.
- 14.00 Wash, 10 lks. wide, 4 ft. deep, in bottom of hollow, drains NW.; asc. gradually 60 ft.
- 37.20 Spur, slopes SW. about 2 chs. dist.; desc. SE. slope 5 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S34
 S3
 1934

from which

A cedar limb, 5 ins. diam., bears N.49°00'E., 156 lks. dist.; mkd. $\frac{1}{4}$ S 34 B T.

A pinon pine, 5 ins. diam., bears S.10°45'W., 74 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

- 43.50 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, 15 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. 195 ft., over abrupt W. slope.
- 44.50 Enter a medium heavy growth of timber, bears NE. and SW.
- 56.90 E. rim of hollow or top of abrupt ascent, bears NW. and SW. about 5 chs. dist., thence southeasterly; asc. gradually 40 ft., over rolling top.
- 71.90 Top of ascent, bears NW. and SE.; desc. gradually 10 ft., over E. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

T21S R11E
 $\frac{1}{4}$ S34 S35
 S3 S2
 T22S
 1934

from which

A pinon pine, 7 ins. diam., bears N.76°30'E., 195 lks. dist., mkd. T 21 S R 11 E S 35 B T.

A cedar, 9 ins. diam., bears S.58°30'E., 213 lks. dist., mkd. T 22 S R 11 E S 2 B T.

A pinon pine, 8 ins. diam., bears S.12°30'W., 115 lks. dist., mkd. T 22 S R 11 E S 3 B T.

A cedar, 8 ins. diam., bears N.65°30'W., 43 lks. dist., mkd. T 21 S R 11 E S 34 B T.

Land, rough, broken, and mountainous, with rolling tops, and nearly level bottom of hollow. Surface rocky, and blue limestone and shale outcroppings; drainage northwesterly.

Soil, red sand and sandy loam, about 3 ins. to 2 ft. deep, lying on bedrock on slopes and tops, 2nd. to 3rd. rate.; sandy loam, several ft. deep in bottom of hollow, 1st. rate.

Timber, cedar and pinon pine.

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

Undergrowth, yellow top, shadscale, and mountain rush.
Grazing, gramma and bunch grass, scattering on slopes as more dense on tops.

N.89°56'E., bet. secs. 2 and 35.

Over rolling top, through medium to heavy growth of timber and scattering undergrowth; desc. gradually 10 ft., over E. slope.

- 9.30 Draw, heads S. about 3 chs. dist., drains N.; asc. gradually 15 ft.
- 21.00 Top of perpendicular and broken limestone ledge or W. rim of hollow, 85 ft. high, bears N.20°W. and S.20°E., at top of ascent, bearing N. and S.; precipitous descent of 260 ft., over E. slope.
- 33.20 Wash, 30 lks. wide, 3 ft. deep, in bottom of hollow or gulch, drains NW.; asc. 40 ft., over abrupt W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

S35
+-----+
S2
1934

from which

- A pinon pine, 6 ins. diam., bears S.65°00'W., 53 lks. dist., mkd. 1/4 S 2 B T.
- A pinon pine, 10 ins. diam., bears N.7°00'W., 63 lks. dist., mkd. 1/4 S 35 B T.

- 47.80 Top of perpendicular and broken limestone ledge, 20 ft. high, bears NE. about 15 chs. dist., and SW.
- 49.00 E. rim of hollow or top of abrupt ascent, 250 ft. above sec. cor., 10 ft. high, bears NE. about 15 chs. dist., and SW.; asc. gradually 10 ft., over top.
- 52.60 Top of ascent, bears NE. about 15 chs. dist. and SW.; desc. gradually 10 ft.
- 64.60 Draw, drains N.; asc. gradually 5 ft.
- 65.80 Spur, projects N. approximately 8 chs. dist.; desc. abruptly 15 ft. to
- 66.80 Top of perpendicular and broken limestone ledge or W. rim of hollow, 25 ft. high, bears N.10°E., about 15 chs. dist. and southwesterly; precipitous descent of 250 ft., over general E. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T21S	R11E
S35	S36
+-----+	+-----+
S2	S1
T22S	R12E
1934	1934

from which

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

0.00 A pinon pine limb, 5 ins. diam., bears N.48°30'E., 97 lks. dist., mkd. T 21 S R 11 E S 36 B T.

0.00 A pinon pine, 3 ins. diam., bears S.31°45'E., 58 lks. dist., mkd. B T.

0.00 A pinon pine, 6 ins. diam., bears S.48°45'W., 58 lks. dist., mkd. T 22 S R 11 E S 2 B T.

0.00 A cedar limb, 5 ins. diam., bears N.27°00'W., 60 lks. dist., mkd. T 21 S R 11 E S 35 B T.

Land, gently rolling and flat topped spurs, with steep slopes; large rolling bottom of hollow or gulch at 33.20 chs.; general drainage to the N.; outcroppings, perpendicular rims, and rocky surface with blue limestone and light colored sandstone formation.

Soil, red sand and sandy loam, about 3 ins. to 2 ft. deep, lying on bedrock on slopes and tops, 2nd. to 4th. rate; sandy loam, several ft. deep in bottom of hollow, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, and mountain rush.

Grazing, gramma and bunch grass, scattering on slopes and more dense on tops.

N.89°58'E., bet. secs. 1 and 36.

Over rolling bottom of hollow, through medium heavy growth of timber and scattering undergrowth; desc. 40 ft., over E. slope.

2.20 A stock trail, bears N. and S.

5.00 Leave limestone formation and enter solid surface sandstone bears N. and S.

8.20 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains NE. about 20 chs. dist. into a main gorge; asc. E. slope 35 ft.

18.50 Spur, projects NE. approximately 15 chs. dist.; desc. broken SE. slope 15 ft.

20.30 W. rim of gorge, bears NE. and S.; precipitous descent of 70 ft.

23.20 Wash, 50 lks. wide, 5 ft. deep, in bottom of gorge, drains NE. about 10 chs. dist., thence northwesterly; precipitous ascent of 60 ft.

25.70 E. rim of gorge, bears NE. and S.; asc. 70 ft., over gradual broken W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) on surface rock, and in a mound of stone, 7 ft. base, 3 ft. high, for 1/4 sec. cor., with brass cap mkd.

S36

S1

1934

from which

NORTH BOUNDARY OF T. 22 S., R. 11 E.

Chains

am1280

- A pinon pine, 5 ins. diam., bears S.44°15'W., 45 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.
- A pinon pine, 5 ins. diam., bears N.15°00'W., 36 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.
- 46.90 Leave rolling land of sandstone formation, bears N. and ascends abrupt W. slope 240 ft., over outcroppings of limestone.
- 57.20 Top of perpendicular and broken limestone ledge or W. ri of narrow bench or mesa, 30 ft. high, bears N.20°W. and asc. gradually 5 ft. over top.
- 60.00 Top of ascent, bears N. and SE.; desc. 5 ft. to
- 62.00 Top of perpendicular and broken limestone ledge or E. ri of narrow bench or mesa, 10 ft. high, bears N. and S. about 2 chs. dist., thence NE.; precipitous descent of 9 ft., over E. slope.
- 64.40 Draw, heads SW. about 4 chs. dist., drains NE.; asc. 155 ft., over NW. slope.
- 68.30 Top of ascent on N. slope; desc. 115 ft. to
- 80.00 The cor. of Tps. 21 and 22 S., Rs. 11 and 12 E.

Land, rolling and broken, W. 46.90 chs.; abrupt rough slopes and broken top of bench or mesa, E. 33.10 chs.; general drainage NW., W. 60.00 chs., and NE., E. 20.00 chs.; outcroppings of sandstone, W. 46.90 chs., and limestone formation on E. 33.10 chs. Surface rock exposed nearly entire mile.

Soil, red sand and sandy loam, shallow on entire mile, 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, bud sagebrush, and mountain rush.

Grazing, sparse to scattering growth of gramma and bunch grass.

SUBDIVISION OF T. 22 S., R. 11 E.

I commence the subdivisional survey at the cor. of secs 1, 2, 35, and 36, on the S. bdy. of the Tp., heretofore described in the official record of the survey of T. 23 R. 11 E., Group No. 198.

N.0°01'W., bet. secs. 35 and 36.

Over rolling land, through scattering timber and medium dense undergrowth; asc. gradual and general S. and SW. slope 50 ft.

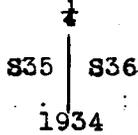
- 21.20 Leave rolling land, bears NW. and SE.; begin abrupt asc. of 155 ft., over SW. slope.

- 32.40 Top of abrupt ascent or S. edge of bench, bears N.70°W. and S.70°E.; desc. 10 ft., over nearly level and gently rolling top to

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



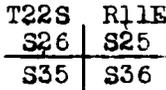
from which

A cedar limb, 8 ins. diam., bears S.35°45'E., 168 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A cedar limb, 6 ins. diam., bears S.49°45'W., 160 lks. dist., mkd. $\frac{1}{4}$ S.35 B T.

55.00 Leave timber, bears NE. and SW.

80.00 On gentle N. slope, 60 ft. below $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 2' ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.



1934

from which

A cedar limb, 5 ins. diam., bears S.71°45'E., 449 lks. dist., mkd. T 22 S R 11 E S 36 B T.

A cedar, 7 ins. diam.; bears S.70°15'W., 619 lks. dist., mkd. T 22 S R 11 E S 35 B T.

There are no trees available in secs. 25 and 26; therefore, at the base of the monument, I deposit a limestone, 6x3x2 ins., marked with a cross (X).

Land, rolling with steep SW. slope of bench, draining S. and SW. into Straight Wash gorge, S. 32.40 chs.; rolling and gently rolling top of bench, draining NW., thence SE., N: 47.60 chs.; outcroppings of blue limestone and some light colored sandstone on S. 32.40 chs.

Soil, red sand and sandy loam, about 2 to 3 ft. deep in bottom and more shallow on slopes and tops, lying on a white chalky clay or on bedrock formation, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top; shadscale, black sagebrush; and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass.

N.89°59'E., on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.95 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.

Thence,

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

S.89°58'W., on a true line bet. secs. 25 and 36. Over rolling and broken land, through medium growth of timber and scattering undergrowth; desc. 30 ft., over S. slope.

3.70 Draw, drains S.; asc. 10 ft., over gradual E. slope.

8.70 Low spur, slopes S. about 3 chs. dist.; desc. gradually 15 ft., along S. slope.

15.90 Draw, drains S.; asc. gradually 55 ft. to 1/4 sec. cor., over E. slope.

16.10 Leave timber, bears E. and SW.

23.40 Ascent becomes more abrupt; enter a medium heavy growth of timber, bears NE. and SW.

28.90 Top of ascent, bears NE. about 6 chs. dist., thence E., and SW.; desc. over nearly level land to:

39.975 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 1/2 ft. high, for 1/4 sec. cor., with brass cap mkd.

1/4 S25
S36
1934

from which

A pinon pine, 5 ins. diam., bears S.5°15'E., 139 1/2 lks. dist., mkd. 1/4 S 36 B T.

A pinon pine, 4 ins. diam., bears N.70°30'W., 110 lks. dist., mkd. 1/4 S 25 B T.

46.10 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, 40 ft below 1/4 sec. cor., drains NW. approximately 20 chs. dist into a main draw; asc. gradually 25 ft.

48.20 Top of ascent, bears NW. and SE.; gradual descent of 55

65.00 Leave timber, bears NW. and SW.

67.20 Swale, heads S. approximately 20 chs. dist., drains N.10 asc. gradually 10 ft., over E. slope.

75.00 Top of ascent, bears N. and S.; desc. 10 ft., along gent. N. slope to sec. cor.

77.00 Enter scattering timber.

79.95 The cor. of secs. 25, 26, 35, and 36.

Land, rolling and broken, with outcroppings and rocky surface with blue limestone formation; drainage to the SE., E. 1/2 mile; W. 1/2 mile drains NW., thence SE.

Soil, red sand and sandy loam, about 1 to 3 ft. deep, lying on varied colored clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, black sagebrush, and mountain rush.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Grazing, a fair to good growth of gramma and bunch grass.

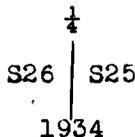
N. 0° 01' W., bet. secs. 25 and 26.

Over gently rolling land, through scattering timber and undergrowth; desc. 10 ft., over N. slope.

10.00 Swale, drains northwesterly; asc. 5 ft.

17.40 Top of ascent, bears E. and W.; desc. 30 ft., over N. slope to

40.00 In bottom of draw, which heads E. about 4 chs. dist. and drains W. approximately 5 chs. dist. into a main swale, thence NE., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

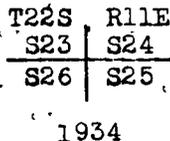
A cedar, 6 ins. diam., bears S. 79° 15' E., 447 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

A cedar, 7 ins. diam., bears S. 57° 00' W., 1086 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

45.00 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; gradual descent of 50 ft.

76.10 Draw, drains E.; asc. gradually 5 ft., over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) on surface rock, and in a mound of stone, 6 ft. base, 3 ft. high, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.



from which

A pinon pine limb, 8 ins. diam., bears N. 44° 00' E., 602 lks. dist., mkd. T 22 S R 11 E S 24 B T.

There are no trees available in secs. 23, 25, and 26.

Land, nearly level and gently rolling draining to the NW., thence easterly and southeasterly; outcroppings and surface rock of blue limestone formation.

Soil, red sand and sandy loam, about 1 to 3 ft. deep, lying on a varied colored clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, very scattering cedar and pinon pine.

Undergrowth, shadscale, yellow top, and black and bud sagebrush.

SUBDIVISION OF T. 22 S., R. 11 E

Chains

Grazing, a fair to good growth of gramma and bunch grass.

N.89°58'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence,

S.89°57'W., on a true line bet. secs. 24 and 25.

Over rolling land, through scattering timber and medium dense undergrowth; asc. gradually 5 ft., along S. slope.

2.70 Begin more abrupt ascent, slope changing from S. to SE.

7.60 Spur, slopes S. about 2 chs. dist.; abrupt descent of 55 ft.

19.90 Base of abrupt descent, bears NW. and SE.; gradual descent of 10 ft.

24.30 A stock trail, bears NW. and SE.

30.90 Mouth of hollow, drains S. about 2 chs. dist. into a main hollow, thence easterly; asc. gradually 5 ft., over E. slope to

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S24
S25
1934

of stone, 3 ft. base; 2 ft. high, N. of cor. raise a mound

44.40 Base of abrupt ascent, 10 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SW.; asc. 65 ft., over abrupt E. slope.

45.30 E. rim of spur, bears NE. and SW. about 5 chs. dist.; desc. gradually 10 ft., over top.

52.90 W. rim of spur, bears NE. and SE. about 5 chs. dist.; desc. gradual SW. slope 25 ft.

55.70 Draw, drains SE. about 6 chs. dist., thence easterly; abrupt ascent of 50 ft. to

58.70 Spur, slopes N. about 4 chs. dist.; desc. abruptly 30 ft.

63.20 Draw, drains NE. about 5 chs. dist., thence southeasterly; asc. abruptly 65 ft.

72.90 Spur, slopes SE. approximately 8 chs. dist.; desc. 25 ft. over gentle SW. slope to

79.94 The cor. of secs. 23, 24, 25, and 26.

Land, rolling, rough, and broken, with wide flat bottomed hollows, draining to the SE.; outcroppings of blue limestone, shale, and yellow sandstone formation.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Soil, red sand and sandy loam, about 1 to 3 ft. deep, lying on varied colored clays in bottoms of hollows and on bedrock on tops of spurs and ascents, 1st. to 3rd. rate.

Timber, cedar.

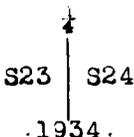
Undergrowth, yellow top, shadscale, black and bud sagebrush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.0°01'W., bet. secs. 23 and 24.

Over rolling land, through scattering timber and medium dense undergrowth; asc. gradually 25 ft., over S. slope.

- 7.50 Top of ascent, bears NW. and SE.; desc. gradually 25 ft.
- 15.90 Hollow heads NW. about 10 chs. dist., drains SE.; asc. gradually 30 ft.
- 30.30 Top of ascent, bears E. and W.; desc. gradual N. slope 25 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

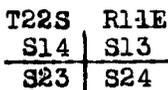


from which

A cedar, 7 ins. diam., bears S.34°00'E., 538 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

A cedar limb, 6 ins. diam., bears S.45°18'W., 177 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

- 41.20 Road, bears E. about 20 chs. dist., thence northerly to Castle Dale and Huntington, Utah, and SW. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.
- 41.50 Hollow, heads W. about 10 chs. dist., 5 ft. below $\frac{1}{4}$ sec. cor., drains E. about 20 chs. dist. into a main hollow, thence southeasterly.
- 44.30 Enter a heavy growth of timber, bears E. and W.
- 53.40 S. edge of Sagebrush Bench, 80 ft. above bottom of hollow, bears NW. and SE.; asc. gradually 5 ft., over top.
- 60.00 Top of ascent, bears E. and W.; desc. gradually 30 ft., over nearly level and gently rolling top to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.



1934

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- from which
- A cedar limb, 6 ins. diam., bears N.71°30'E., 385 lks.
dist., mkd. T 22 S R 11 E S 13 B T.
 - A pinon pine, 8 ins. diam., bears S.81°00'E., 344 lks.
dist., mkd. T 22 S R 11 E S 24 B T.
 - A cedar, 8 ins. diam., bears S.39°00'W., 229 lks.
dist., mkd. T 22 S R 11 E S 23 B T.
 - A cedar limb, 4 ins. diam., bears N.81°45'W., 90 lks.
dist., mkd. T 22 S R 11 E S 14 B T.

Land, rolling and gently rolling, draining southeasterly S. 53.40 chs.; nearly level and gently rolling top of Sagebrush Bench, draining northerly, N. 26.60 chs.; outcroppings of blue limestone formation.

Soil, red sand and sandy loam, 6 ins. to 3 ft. deep, lying on varied colored clays, a white chalky formation on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, white and bud sagebrush, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass

N.89°57'E., on a random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.91 Intersect the E. bdy. of the Tp. at the cor. of secs. 13, 18, 19, and 24, hereinbefore described.

Thence,

S.89°57'W., on a true line bet. secs. 13 and 24.

Over nearly level and gently rolling top of bench, through dense undergrowth; desc. 10 ft. to $\frac{1}{4}$ sec. cor., along gentle N. slope.

25.00 Enter scattering timber.

39.955 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S13}{S24}$
1934

from which

A pinon pine, 8 ins. diam., bears S.71°00'E., 523 lks.
dist., mkd. $\frac{1}{4}$ S 24 B T.

A pinon pine, 8 ins. diam., bears N.7°45'E., 109 lks.
dist., mkd. $\frac{1}{4}$ S 13 B T.

Continue descent of 10 ft. to sec. cor.

54.90 Enter a heavy growth of timber, bears N. and S.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 69.40 A stock trail, bears NW. and SE.
- 79.91 The cor. of secs. 13, 14, 23, and 24.

Land, nearly level, rolling, and gently rolling top of Sagebrush Bench; outcroppings of blue limestone formation; general drainage to the N. and NW.

Soil, red sand and sandy loam, about 8 to 12 ins. deep, lying on a clay subsoil or on a white chalky formation, 2nd. and 3rd. rate.

Timber, cedar and pinon pine.

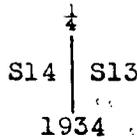
Undergrowth, dense growth of yellow top; shadscale, bud, black, and white sagebrush, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.0°01'W., bet. secs. 13 and 14.

Over nearly level and gently rolling top of bench, through medium heavy growth of timber and scattering undergrowth; desc. gradual N. slope 25 ft. to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.



from which

A cedar, 8 ins. diam., bears S.12°15'E., 91 lks. dist., mkd. 1/4 S 13 B T.

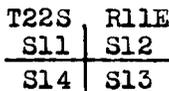
A pinon pine limb, 7 ins. diam., bears S.29°15'W., 162 lks. dist., mkd. 1/4 S 14 B T.

Continue descent of 75 ft. to sec. cor., over gentle N. slope.

- 73.00 Leave timber, bears NE. and NW., and enter a small opening.

- 79.50 Enter a medium heavy growth of timber, bears SE. and SW.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.



1934

from which

A pinon pine, 10 ins. diam., bears N.44°45'E., 250 lks. dist., mkd. T 22 S R 11 E S 12 B T.

A pinon pine, 8 ins. diam., bears S.53°15'E., 155 lks. dist., mkd. T 22 S R 11 E S 13 B T.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

A cedar, 5 ins. diam., bears S.39°00'W., 263 lks.
dist., mkd. T 22 S R 11 E S 14 B T.

A cedar, 7 ins. diam., bears N.48°30'W., 311 lks.
dist., mkd. T 22 S R 11 E S 11 B T.

Land, nearly level, rolling, and gently rolling top of Sagebrush Bench; outcroppings of blue limestone formation; general drainage to the N. and NW.

Soil, red sand and sandy loam, about 8 to 12 ins. deep, lying on a rocky white chalky subsoil, 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, white, bud, and black sagebrush, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.89°57'E., on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.85 Intersect the E. bdy. of the Tp., at the cor. of secs. 7, 12, 13, and 18, hereinbefore described.

Thence,

S.89°57'W., on a true line bet. secs. 12 and 13.

Over nearly level, gently rolling, and rolling top of Sagebrush Bench, through medium heavy growth of timber and scattering undergrowth; desc. 5 ft. along general N. slope.

4.30 Head of draw, drains NW.; asc. gradually 5 ft., over E. slope.

16.40 Top of ascent, bears NW. and SE.; desc. gradually 25 ft., over W. slope.

29.20 Top of nearly perpendicular limestone ledge or rim of Sagebrush Bench, 20 ft. high, bears NW., and SE. about 15 chs. dist., thence westerly; desc. 165 ft., over abrupt W. slope to

39.925 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{S12}{\frac{1}{4}} \\ S13 \\ 1934 \end{array}$$

from which

A pinon pine, 10 ins. diam., bears S.5°45'E., 173 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

A pinon pine limb, 7 ins. diam., bears N.50°30'W., 69 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

46.50 Wash, 20 lks. wide, 4 ft. deep; in bottom of draw, 45 ft. below $\frac{1}{4}$ sec. cor., drains NW. about 7 chs. dist. into a main draw, thence N.; asc. 5 ft.

27

SUBDIVISION OF T. 22 S., R. 11 E.

- Chains**
- 48.00 Top of ascent, bears NW. and SE.; desc. 10 ft.
- 54.10 Wash, 20 lks. wide, 3 ft. deep, in bottom of hollow, drains N.; steep ascent of 200 ft., over E. slope.
- 61.90 Edge of Sagebrush Bench, bears N. about 40 chs. dist. and S. approximately 40 chs. dist., thence easterly; desc. gradually 20 ft., along N. slope to sec. cor.
- 65.40 Leave timber, bears NW. and SW., and enter small opening.
- 73.20 Enter medium heavy growth of timber, bears NE. and SE.
- 79.85 The cor. of secs. 11, 12, 13, and 14.

Land, nearly level, rolling, and gently rolling top of Sagebrush Bench, E. 29.20 chs., and W. 17.95 chs.; line crosses a large hollow, the junction of five draws from the S., SE., and SW., on remainder of mile; surface rocky, rims and outcroppings of blue limestone and light colored sandstone formation. General drainage N.

Soil, red sand and sandy loam, about 1 to 4 ft. deep, lying on a white chalky or varied colored clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

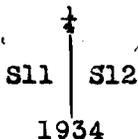
Undergrowth, yellow top, shadscale, black and bud sagebrush, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.0°01'W., bet. secs. 11 and 12.

Desc. 25 ft., over nearly level top of Sagebrush Bench, through a medium heavy growth of timber and scattering undergrowth.

- 19.00 N. edge of Sagebrush Bench, bears SE. and W.; desc. steep N. slope 80 ft.
- 27.50 Head of draw, drains NE.; asc. gradually 25 ft., over SE. slope.
- 33.70 Spur, slopes NE. approximately 20 chs. dist.; desc. gradually 15 ft., over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 8 ins. diam., bears N.27°45'E., 26 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

A pinon pine, 7 ins. diam., bears N.30°00'W., 67 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.

- 46.70 Base of gradual descent, 15 ft. below $\frac{1}{4}$ sec. cor., bears

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- NE. and SW.; desc. abrupt NW. slope 90 ft.
- 50.40 Descent becomes more gradual; leave timber, bears E. and SW.
- 54.00 A stock trail; bears N.80°E., and S.80°W.
- 57.50 Wash, 30 lks. wide, 3 ft. deep; in bottom of hollow, 45 ft. below base of abrupt descent, drains E.; enter a medium to heavy growth of timber, bears E. and W.; asc. gradually 15 ft.
- 69.90 Top of gradual ascent, bears E. and SW.; asc. abrupt S. slope 135 ft.
- 74.80 Top of perpendicular and broken limestone ledge, or S. rim of bench or mesa, 15 ft. high, bears NE., and NW. approximately 10 chs. dist., thence westerly; asc. gradually 10 ft., over S., slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to bedrock, and in a mound of stone, 7 ft. base 2½ ft. high, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.

T22S	R11E
S2	S1
S11	S12

1934

from which

- A pinon pine limb, 7 ins. diam., bears N.47°15'E., 20 lks. dist., mkd. T 22 S R 11 E S 1 B T.
- A pinon pine, 8 ins. diam., bears S.46°45'E., 92½ lks. dist., mkd. T 22 S R 11 E S 12 B T.
- A pinon pine, 12 ins. diam., bears S.70°00'W., 55 lks. dist., mkd. T 22 S R 11 E S 11 B T.
- A pinon pine limb, 8 ins. diam., bears N.61°15'W., 18 lks. dist., mkd. T 22 S R 11 E S 2 B T.

Land, gentle N. slope of Sagebrush Bench, S. 19.00 chs.; rough and broken with large hollow at 57.50 chs.; general drainage to the NE.; surface rocky, and perpendicular rim of blue limestone formation.

Soil, rocky red sand and sandy loam, about 6 ins. to 1½ ft. deep, lying on a white chalky or varied colored clay subsoil or on bedrock on tops and slopes, 2nd. to 3rd. rate; red sandy loam, from 3 to 10 ft. deep in bottom of the main hollow, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, black and bud sagebrush and mountain rush.

Grazing, scattering to a good growth of bunch and gramma grass.

N.89°57'E., on a random line bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

79.84 Intersect the E. bdy. of the Tp., 7 lks. S. of the cor.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

secs. 1, 6, 7, and 12, hereinbefore described.

Thence,

S.89°54'W., on a true line bet. secs. 1 and 12.

Over rolling and broken land, through medium growth of timber and scattering undergrowth; desc. 125 ft., over steep general NW. slope.

- 7.70 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, drains northwesterly; asc. 10 ft.
- 10.70 Top of ascent, bears NW. and SE.; desc. gradually 70 ft., over W. slope.
- 30.60 Wash, 70 lks. wide, 6 ft. deep, in bottom of hollow, drains N.; asc. gradually 20 ft.
- 37.30 Base of abrupt ascent, bears NE. and SW.; a stock trail, bears N. and S.; asc. 10 ft., over E. slope to
- 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S1}{S12}$
 1934

from which

A pinon pine, 6 ins. diam., bears N.43°00'E., 56 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

A pinon pine, 8 ins. diam., bears S.21°45'W., 63 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

- 51.60 Top of perpendicular and broken limestone ledge, 20 ft. high, bears NE. about 15 chs. dist., and SW.
- 53.00 W. rim of bench or mesa, 215 ft. above $\frac{1}{4}$ sec. cor., bears NE. approximately 15 chs. dist., and SW.; asc. gradually 10 ft., over top.
- 64.10 Top of ascent, bears N. and S.; desc. 10 ft.
- 69.10 Small depression, drains N.; asc. gradually 20 ft. to
- 79.84 The cor. of secs. 1, 2, 11, and 12.

Land, rolling and broken across main hollow, E. 53.00 chs.; rough, broken, and rolling top of bench or mesa, remainder of mile; general drainage to the N.; outcroppings, perpendicular rims, and surface rocky in places of blue limestone, yellow and light colored sandstone

Soil, rocky red sand and sandy loam, about 6 ins. to 1 $\frac{1}{2}$ ft. deep, lying on a white chalky or varied colored clay subsoil or on bedrock on tops and slopes, 2nd. to 3rd. rate; red sandy loam, about 3 to 10 ft. deep, in bottom of the main hollow, 1st. rate.

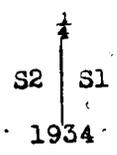
Timber, cedar and pinon pine.

Undergrowth, yellow top, shauscale, mountain rush, white, black, and bud sagebrush.

Grazing, a fair to good growth of bunch and gramma grass and weeds.

SUBDIVISION OF T. 22 S., R. 11 E.

- Chains N.0°01'W., on a random line bet. secs. 1 and 2.
- 40.00 Set temp. 1/4 sec. cor.
- 80.05 Intersect the N. bdy. of the Tp., 18 lks. E. of the cor. of secs. 1, 2, 35, and 36, hereinbefore described.
- Thence,
S.0°09'E., on a true line bet. secs. 1 and 2.
- Over rolling and gently rolling land, through a medium to heavy growth of timber and scattering undergrowth; desc. 10 ft., along gradual E. slope.
- 11.10 A stock trail, bears NE. and SW.
- 22.20 Same trail, bears NW. and SE.
- 26.00 Leave timber, bears E. and SW.
- 33.00 Wash, 10 lks. wide, 2 ft. deep, in bottom of hollow, drains northeasterly; asc. 10 ft. to
- 40.05 On nearly level land, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.



from which

A cedar, 5 ins. diam.; bears S.65°45'W., 836 lks. dist., mkd. 1/4 S 2 B T.

There are no trees available in sec. 1; therefore, at the base of the monument, I deposit a sandstone, 8x6x1 1/2 ins. marked with a cross (X).

- 54.40 Base of abrupt ascent, 30 ft. above 1/4 sec. cor., bears S. and SW.; enter a medium heavy growth of timber, bears SE. and SW.; asc. 240 ft., over abrupt and broken NE. slope.
- 68.30 Top of abrupt ascent or N. rim of bench or mesa, bears N. about 2 chs. dist., thence southwesterly, and SE. about 10 chs. dist., thence northeasterly; desc. gradually 5 ft. over nearly level top to
- 80.05 The cor. of secs. 1, 2, 11, and 12.

Land, nearly level, rolling, and gently rolling, N. 54.4 chs.; abrupt NE. slope and nearly level top of bench or mesa, S. 25.65 chs.; outcroppings and perpendicular rims of blue limestone and yellow sandstone; general drainage N.

Soil, rocky red sand and sandy loam, about 3 ins. to 1 1/2 ft. deep, lying on a white chalky or varied colored clay subsoil or on bedrock on tops and slopes, 2nd. to 3rd. rate; red sandy loam, about 3 to 6 ft. deep in the bottom of hollows and draws, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, bud and black sagebrush.

Chains

Grazing, a fair to good growth of gramma and bunch grass and weeds.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., heretofore described in the official record of the survey of T. 23 S., R. 11 E., Group No. 198.

N.0°01'W., bet. secs. 34 and 35..

Over gently rolling and nearly level top of bench or mesa, through scattering undergrowth; desc. 25 ft., over N. slope.

13.00 N. rim of bench or mesa, bears NE. about 7 chs. dist., thence southeasterly, and SW. about 2 chs. dist., thence N.; enter scattering timber; desc. abruptly 65 ft., over NW. slope.

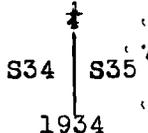
16.90 Draw, heads SW. approximately 7 chs. dist., drains NE.; asc. abruptly 40 ft.

22.80 Spur, slopes E. approximately 4 chs. dist.; leave timber; desc. 110 ft., over steep N. slope.

32.60 Base of abrupt descent, bears E. and W.; desc. gradually 10 ft., over N. slope.

38.10 Wash, 25 lks. wide, 4 ft. deep, in bottom of hollow, drains easterly; gradual ascent of 10 ft., over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. raise a mound

55.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., slopes E. approximately 5 chs. dist.; desc. 5 ft.

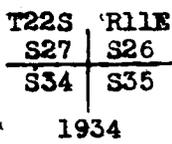
55.60 A stock trail, bears NW. and SE.

61.20 Wash, 10 lks. wide, 2 ft. deep, in bottom of hollow, drains SE.; asc. 130 ft., over abrupt S. slope.

62.80 A stock trail, bears N.60°W. and S.60°E.

68.70 Top of nearly perpendicular and broken limestone ledge or S. rim of bench, 10 ft. high, bears NW. and SE.; desc. 5 ft., over nearly level and gently rolling land to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.



At the base of the monument, I deposit a limestone, 9x6x1

Chains

entered

ins., marked with a cross (X).
 Land, broken, rolling, and gently rolling; general drainage to the SE. by Straight Wash; surface rock, rims, and outcroppings of blue limestone, shale, and light colored sandstone formation.

Soil, red sand and sandy loam, about 8 ins. to 2½ ft. deep, lying on a white chalky clay or varied colored clays or bedrock on tops and slopes; red sand and sandy loam as deep as 20 ft. in bottoms of hollows, 1st. to 4th. rate.

Timber, a few scattering cedar and pinon pines.

Undergrowth, mountain rush, yellow top, shadscale, black and bud sagebrush; rabbit brush along bottoms of hollows.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.89°59'E., on a random line bet. secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, at the cor. of secs. 25, 26, 35 and 36.

Thence,

S.89°59'W., on a true line bet. secs. 26 and 35.

Over rolling and gently rolling land, through scattering undergrowth; asc. gradually 20 ft., along N. slope to

29.90 Top of ascent, bears N. and S.; desc. gradually 15 ft., to ¼ sec. cor., over W. slope.

31.70 A stock trail, bears NE. and S.

39.95 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4½ ft. base, 2 ft. high, for ¼ sec. cor., with brass cap mkd.

S26
 ¼ S35
 1934

from which

A cedar limb, 6 ins. diam., bears N.0°45'E., 116 lks. dist., mkd. ¼ S 26 B T.

A cedar, 7 ins. diam., bears S.67°00'W., 455 lks. dist., mkd. ¼ S 35 B T.

Continue gradual descent of 40 ft. to sec. cor.

44.90 Enter a medium heavy growth of timber, bears N. and SE.

45.90 Leave timber, bears N. and S.

79.90 The cor. of secs. 26, 27, 34, and 35.

Land, nearly level, gently rolling, and rolling; draining N., NE., and NW., thence southeasterly; surface rocky in places and outcroppings of blue limestone formation.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Soil, red sand and sandy loam, rocky in places, about 8 to 30 ins. deep, lying on a white chalky clay or on varied colored clays or on bedrock, 1st. to 4th. rate.

Timber, scattering patches of cedar and pinon pine.

Undergrowth, yellow top, black and bud sagebrush, shadscale, and mountain rush.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

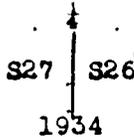
N.0°01'W., bet. secs. 26 and 27.

Over nearly level and gently rolling land, through scattering undergrowth; gradual descent of 40 ft., over N. slope.

35.40 Swale, heads NE. approximately 7 chs. dist., drains SW. about 15 chs. dist., thence southeasterly; gradual ascent of 10 ft. to $\frac{1}{4}$ sec. cor.

37.60 A stock trail, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

50.70 Road, bears N.70°E. to Castle Dale and Huntington, Utah, and S.70°W. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.

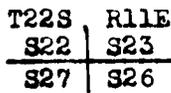
58.00 Enter a medium heavy growth of timber, bears E. and W.

60.00 Top of ascent, 25 ft. above $\frac{1}{4}$ sec. cor., bears NE. and W. desc. 55 ft., over general N. slope.

73.20 Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drains E. about 1 ch. dist., thence N.; gradual ascent of 10 ft. over S. slope.

75.40 Spur, slopes E. about 1 ch. dist.; gradual descent of 10 ft., over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.



1934

from which

A pinon pine, 7 ins. diam., bears N.33°15'E., 315 lks. dist., mkd. T 22 S R 11 E S 23 B T.

A pinon pine, 8 ins. diam., bears S.15°00'E., 260 lks. dist., mkd. T 22 S R 11 E S 26 B T.

14

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

A cedar, 9 ins. diam., bears S.30°00'W., 141 lks. dist., mkd. T 22 S R 11 E S 27 B T.

A cedar, 10 ins. diam., bears N.12°15'W., 157 lks. dist., mkd. T 22 S R 11 E S 22 B T.

Land, nearly level, rolling, and gently rolling, drains generally southeasterly, S. 60.00 chs.; rough, rolling, and broken, draining NE., thence N., N. 20.00 chs.; cut croppings of light colored and yellow sandstone, blue limestone, and shale formation.

Soil, red sand, about 6 ins. to 2 ft. deep, lying on a white chalky formation, on S. 58.00 chs.; shallow red sand, lying on alternate layers of varied colored clays and shale, on N. 22.00 chs., 3rd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, mountain rush, black sagebrush, and yellow top.

Grazing, scattering to a fair growth of gramma and bunch grass and weeds.

N.89°59'E., on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence,

N.89°59'W., on a true line bet. secs. 23 and 26.

Over nearly level and gently rolling land, through scattering undergrowth; asc. gradually 5 ft., along S. slope.

5.70 Spur, slopes S. about 3 chs. dist.; desc. gradually 15 ft.

10.70 Swale, drains S.; asc. gradually 10 ft. to $\frac{1}{4}$ sec. cor.

25.50 A stock trail, bears NW. and SE.

39.50 Road, bears NE. to Castle Dale and Huntington, Utah, and SW. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S23}{S26}$
1934

from which

A cedar limb, 7 ins. diam., bears S.84°15'W., 410 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

A pinon pine, 6 ins. diam., bears N.61°45'W., 325 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

45.00 Enter scattering to a medium heavy growth of timber, bears NE. and SW.

35

SUBDIVISION OF T. 22 S., R. 11 E.

Chains	
50.00	Top of ascent, 15 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc. W. slope 60 ft.
54.00	Old road, bears N.10°E. to Castle Dale and Huntington, Utah, and S.10°W. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.
55.90	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, heads S. about 8 chs. dist., drains NW.; asc. 50 ft., over abrupt E. slope.
58.70	Spur, slopes N. approximately 5 chs. dist.; desc. abruptly 65 ft., over W. slope.
61.80	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains N.; asc. 40 ft.
64.60	Spur, slopes NE. about 3 chs. dist.; desc. 40 ft.
68.50	A main wash, 20 lks. wide, 2 ft. deep, drains NE.; asc. gradually 25 ft., over bottom to sec. cor.
73.30	Same wash, 20 lks. wide, 2 ft. deep, drains SE. about 2 chs. dist., thence northeasterly.
79.40	Wash, 15 lks. wide, 2 ft. deep, drains N. about 3 chs. dist. into a main wash.
79.98	The cor. of secs. 22, 23, 26, and 27.
	Land, nearly level, gently rolling, and rolling, draining southeasterly, E. 50.00 chs.; rolling and broken, draining northerly, W. 29.98 chs.; outcroppings of light colored and yellow sandstone and blue limestone formation.
	Soil, red sand, about 6 ins. to 2 ft. deep, lying on a white chalky formation, E. 50.00 chs., 2nd. rate; shallow red sand, lying on alternate layers of varied colored clays and shale, W. 29.98 chs., 3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, shadscale, mountain rush, black sagebrush, and yellow top.
	Grazing, gramma and bunch grass, good on E. 50.00 chs.; sparse growth on remainder of mile.
N.0°01'W., bet. secs. 22 and 23.	
	Over rough, rolling, and broken land, through medium heavy growth of timber, and scattering undergrowth; desc. gradually 5 ft., over gentle N. slope.
1.00	A main wash, 30 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. 80 ft., over abrupt S. slope.
6.60	Top of ascent, bears NW. and E. about 4 chs. dist.; desc. gradually 5 ft., over top.
12.40	Head of draw, drains SE.; asc. 10 ft.
19.00	Spur, projects S.80°E. approximately 15 chs. dist.; desc. NE. slope 100 ft.
35.00	Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, heads

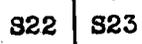
SUBDIVISION OF TOWNSHIP 11 N.

Chains

SE. about 10 chs. dist., drains NE. 00.00

37.60 Spur, projects NE. approximately 15 chs. dist.; gradually 15 ft., over NW. slope 00.00

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. 00.00



1934

from which

A pinon pine, 6 ins. diam., bears N.51°00'E., 126 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

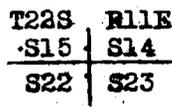
A pinon pine, 6 ins. diam., bears N.48°15'W., 39 lks. dist., mkd. $\frac{1}{4}$ S.22 B T.

Continue descent of 55 ft. to sec. cor.

65.10 A stock trail, bears NW. and SE.

72.30 Wash, 10 lks. wide, 1 ft. deep, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap mkd.



1934

from which

A pinon pine, 12 ins. diam., bears N.64°45'E., 225 lks. dist., mkd. T 22 S R 11 E S 14 B T.

A pinon pine limb, 6 ins. diam., bears S.85°45'E., 31 lks. dist., mkd. T 22 S R 11 E S 23 B T.

A pinon pine, 7 ins. diam., bears S.69°45'W., 293 lks. dist., mkd. T 22 S R 11 E S 22 B T.

A cedar limb, 5 ins. diam., bears N.78°15'W., 346 lks. dist., mkd. T 22 S R 11 E S 15 B T.

Land, rough and broken, S. 60.00 chs.; rolling and gently rolling, N. 20.00 chs.; general drainage northeasterly; outcroppings of light colored and yellow sandstone, blue limestone, and shale formation.

Soil, red sand and sandy loam, shallow on tops and slope to about 2 to 4 ft. deep in bottoms; lying on varied colored clays and shale or on bedrock, 2nd. to 4th. rate

Timber, cedar and pinon pine.

Undergrowth, shadscale, mountain rush, black sagebrush, and yellow top.

Grazing, a fair to good growth of gramma and bunch grass and weeds.

S.89°59'E., on a random line bet. secs. 14 and 23.

37

. SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.95 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 13, 14, 23, and 24.

Thence,

N.89°58'W., on a true line bet. secs. 14 and 23.

Over nearly level and gently rolling top of Sagebrush Bench, through medium growth of timber and scattering undergrowth; desc. 10 ft. to $\frac{1}{4}$ sec. cor., along general N. slope.

- 39.975 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S14
 S23
 1934

from which

A pinon pine, 8 ins. diam., bears N.48°15'E., 125 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

A pinon pine, 6 ins. diam., bears S.41°00'E., 115 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

- 40.20 Leave top of bench or mesa, bearing N. and S.; begin abrupt descent of 190 ft., over rough and broken W. slope.
- 48.60 Top of perpendicular and broken limestone ledge, 20 ft. high, bears N. and SE.
- 56.90 Wash, 50 lks. wide, 3 ft. deep, in bottom of hollow, drains N.; asc. 5 ft., over nearly level bottom.
- 61.00 Leave bottom of hollow, bears N. and S.; asc. abruptly 55 ft.
- 61.30 A stock trail, bears NE. and SW.
- 64.90 Top of ascent on S. slope of spur; N. about 20 lks. dist. to base of perpendicular ledge, 15 ft. high, bears NE. and NW.; desc. 40 ft., along SW. slope.
- 69.60 Wash, 25 lks. wide, 2 ft. deep, in bottom of hollow, drains SE. about 5 chs. dist., thence northeasterly; asc. 40 ft. to sec. cor., over abrupt E. slope.
- 78.30 Old road, bears N. to Castle Dale and Huntington, Utah, and S.20°E. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.
- 79.95 The cor. of secs. 14, 15, 22, and 23.

Land, nearly level, gently rolling, and rolling top of Sagebrush Bench, draining N., E. 40.20 chs.; rough and broken, draining NW., thence NE., W. 39.75 chs.; perpendicular rims, outcroppings, and surface rock of blue limestone, light and yellow colored sandstone, and shale formation.

Soil, shallow red sand, lying on varied colored clays, a white chalky formation or on bedrock on tops and slopes, 2nd. to 4th. rate; red sandy loam as deep as 10 ft., lying on bedrock in bottoms of hollows, 1st. rate.

SUBDIVISION OF T. 22 S., R. 11 E.

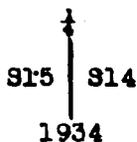
Chains

Timber, cedar and pinon pine.
 Undergrowth, yellow top, shadescale, black, white, and
 bud sagebrush, and mountain rush.
 Grazing, a fair to good growth of gramma and bunch grass
 and weeds.

N.0°01'W., bet. secs. 14 and 15.

Over rough, rolling, and broken land, through medium
 growth of timber and scattering undergrowth; desc. grad-
 ually 15 ft., over NW. slope.

- 8.90 Old road, bears NW. to Castle Dale and Huntington, Utah,
and SE. to Crawford Holes, Mormon Tanks, Carter's Oil
Well, and Tan Seeps.
- 9.40 Wash, 20 lks. wide, 2 ft. deep, in bottom of hollow, head
NW. about 25 chs. dist., drains southeasterly; asc. 50 ft.
over steep S. slope.
- 11.40 Top of abrupt ascent, bears NW. and SE.; asc. gradually
115 ft., over S. slope.
- 18.70 Old road, bears NE. to Castle Dale and Huntington, Utah,
and SW. to Crawford Holes, Mormon Tanks, Carter's Oil
Well, and Tan Seeps.
- 24.50 Top of ascent, bears NW. and SE.; desc. gradually 45 ft.,
over N. slope to $\frac{1}{4}$ sec. cor.
- 34.50 Leave timber, bears NW. and SE., and enter small opening.
- 36.80 Old road, bears NW. to Castle Dale and Huntington, Utah,
and SE. to Crawford Holes, Mormon Tanks, Carter's Oil
Well, and Tan Seeps.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine, 7 ins. diam., bears N.39°45'E., 50
lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
- A pinon pine, 5 ins. diam., bears S.27°45'W., 29
lks. dist., mkd. $\frac{1}{4}$ S 15 B T.

- 53.30 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, 45 ft.
below $\frac{1}{4}$ sec. cor., heads W. about 8 chs. dist., drains
northeasterly; asc. S. slope 10 ft.
- 56.20 Top of ascent, bears NE. and SW.; desc. 55 ft., over grad-
ual N. slope to sec. cor.
- 75.00 Old road, bears N.70°E. to Castle Dale and Huntington,
Utah, and S.70°W. to Crawford Holes, Mormon Tanks, Carter's
Oil Well, and Tan Seeps.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in

Chains

the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.

T22S	R11E
S10	S11
S15	S14

1934

from which

A pinon pine limb, 8 ins. diam., bears N.70°15'E., 133 lks. dist., mkd. T 22 S R 11 E S 11 B T.

A pinon pine, 7 ins. diam., bears S.58°30'E., 98 lks. dist., mkd. T 22 S R 11 E S 14 B T.

A pinon pine, 9 ins. diam., bears S.61°45'W., 149 lks. dist., mkd. T 22 S R 11 E S 15 B T.

A pinon pine, 6 ins. diam., bears N.32°15'W., 226 lks. dist., mkd. T 22 S R 11 E S 10 B T.

Land, rough, rolling, and broken, draining generally NE.; surface rocky in places, outcroppings and perpendicular rims of blue limestone, shale, and some light colored sandstone formation.

Soil, red sand and sandy loam, about 6 ins. to 2 ft. deep, lying on a white chalky formation or on varied colored clays and bedrock on slopes and tops; red sandy loam as deep as 10 ft. in bottom of hollow at 9.40 chs., 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, black sagebrush, and mountain rush.

Grazing, scattering to a fair growth of gramma and bunch grass and weeds.

S.89°58'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence,

N.89°56'W., on a true line bet. secs. 11 and 14.

Over nearly level top of Sagebrush Bench, through a medium heavy growth of timber and scattering undergrowth; desc. 5 ft., along general N. slope.

3.70 Top of nearly perpendicular ledge or W. edge of Sagebrush Bench, 10 ft. high, bears N.10°W. and SW.; precipitous descent of 175 ft., over W. slope.

13.40 Base of abrupt descent, bears NE. and SW.; leave timber, bears NE. and SW., and enter a small opening; desc. 5 ft., over nearly level bottom.

16.40 A stock trail, bears NE. and SW.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 19.20 Wash, 25 lks. wide, 2 ft. deep, in bottom of gulch, drains NW.; enter a medium to heavy growth of timber, bears NE. and SE.; steep ascent of 150 ft., over SE. slope.
- 24.30 Top of nearly perpendicular and broken limestone ledge, 20 ft. high, bears NE. and SW.; continue abrupt ascent of 25 ft.
- 25.40 Top of abrupt ascent, bears NE. and SW.; asc. 10 ft., over nearly level and rolling top.
- 35.40 Top of ascent, bears N. and S.; desc. gradually 5 ft., over W. slope to
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{S11}{S14}$
 1934
- from which
- A pinon pine, 6 ins. diam., bears N.6°00'E., 43 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
- A pinon pine, 7 ins. diam., bears S.22°15'W., 76 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
- 42.50 Head of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains N.; asc. 5 ft., over E. slope.
- 57.40 Top of ascent, bears N. and S.; gradual descent of 10 ft.
- 59.80 E. edge of gulch, bears NE. and SW.; steep descent of 85 ft.
- 62.40 Wash, 30 lks. wide, 3 ft. deep, in bottom of gulch, drains northeasterly; steep ascent of 100 ft., over SE. slope.
- 65.00 W. edge of gulch, bears NE. and SW.; asc. gradually 20 ft. over top.
- 68.90 Spur, projects NE. about 4 chs. dist.; gradual descent of 20 ft.
- 72.50 Draw, drains NE.; asc. gradually 20 ft.
- 73.60 Old road, bears N.10°E. to Castle Dale and Huntington, Utah, and S.30°W. to Crawford Holes, Mormon Tanks, Carter Oil Well, and Tan Seeps.
- 76.60 Top of ascent, bears NE. and SW.; desc. 10 ft., along gradual NW. slope to
- 79.92 The cor. of secs. 10, 11, 14, and 15.

Land, rough, rolling, and broken, draining northeasterly; surface rocky and outcroppings and perpendicular rims of blue limestone formation.

Soil, red sand, about 6 to 18 ins. deep, lying on a white chalky formation or on varied colored clays and bedrock on tops and slopes; red sandy loam as deep as 10 ft. in bottom of hollow noted at 19.20 chs., 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, and black sagebrush; dense growth of rabbit brush along bottom of hollows.

SUBDIVISION OF T. 22 S., R. 11 E.

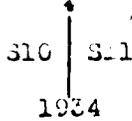
Chains

Grazing, gramma and bunch grass; fair to good in hollows, and draws, sparse on other portions of mile.

N.0°01'W., bet. secs. 10 and 11.

Over rough and rolling land, through a medium growth of timber and scattering undergrowth; desc. 65 ft., over gradual N. slope.

- 16.80 Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drains northeasterly; asc. gradually 10 ft.
- 23.60 Spur, projects northerly; desc. gradually 40 ft., over top.
- 31.60 Leave top of spur, desc. N. slope more abruptly 100 ft.
- 36.40 Wash, 10 lks. wide, 3 ft. deep, in bottom of hollow, drains westerly.
- 36.50 Old road, bears westerly to Castle Dale and Huntington, Utah, and S.80°E. to Crawford Holes, Mornon Tanks, Carter's Oil Well, and Tan Seeps; asc. abruptly 50 ft.
- 39.00 Top of abrupt ascent, bears E. and W.; asc. gradually 5 ft., over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 7 ft. base, 2 ft. high, for sec. cor., with brass cap mkd.

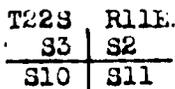


from which

A pinon pine, 6 ins. diam., bears S.39°15'W., 98 lks. dist., mkd. T 22 S 11 B T.

A pinon pine, 6 ins. diam., bears S.52°00'W., 59 lks. dist., mkd. T 22 S 10 B T.

- 47.80 Wash, 10 lks. wide, 4 ft. deep, heads NW. about 8 chs. dist., drains SE. about 10 chs. dist. to a main hollow.
- 55.40 S. edge of bench or mesa, bears NW. and SE.; desc. gradually 15 ft., over NE. slope.
- 66.80 Head of draw, drains NE.; asc. gradually 15 ft., over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.



from which

A cedar, 8 ins. diam., bears N.3°30'E., 266 lks. dist., mkd. T 22 S R 11 E S 2 B T.

A pinon pine limb, 5 ins. diam., bears S.54°00'E., 118 lks. dist., mkd. T 22 S R 11 E S 11 B T.

SUBDIVISION OF T. 22 S. R. 11 E.

Chains

A cedar, 8 ins. diam., bears S. 64° 00' W., 132 lks. dist., mkd. T 22 S R 11 E S 10 B T.

A cedar, 9 ins. diam., bears N. 15° 15' W., 468 lks. dist., mkd. T 22 S R 11 E S 3 B T.

Land, rough, broken, and rolling, S. 55.40 chs.; nearly level and gently rolling top of bench or mesa, N. 24.60 chs.; drainage northeasterly, S. 23.60 chs.; remainder mile, drains northwesterly; surface rocky in places, outcroppings and perpendicular rims of blue limestone formation.

Soil, shallow and rocky red sand, lying on a white chalk subsoil or on varied colored clays or on bedrock on slope and tops, 3rd. to 4th. rate; red sand and red sandy loam as deep as 10 ft. in bottoms, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadacale, black and white sagebrush, and mountain rush.

Grazing, scattering to a fair growth of gramma and bunch grass and weeds.

S. 89° 56' E., on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N. and S. line, at the cor. of secs. 1, 2, 11, and 12.

Thence,

N. 89° 56' W., on a true line bet. secs. 2 and 11.

Over nearly level and gently rolling top of bench or mesa through a medium heavy growth of timber and scattering undergrowth; desc. gradually 55 ft., over W. slope.

27.20 Top of nearly perpendicular and broken limestone ledge on E. rim of draw, 10 ft. high, bears NE. and SW.; desc. steep W. slope 60 ft.

29.30 Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drains N.; asc. 60 ft., over steep E. slope.

31.20 Top of nearly perpendicular and broken limestone ledge on W. rim of draw, 10 ft. high, bears NW. and S.; asc. gradually 15 ft.

32.70 Spur, slopes SE. about 2 1/2 chs. dist.; desc. gradually 35 ft.

34.10 Draw, heads NW. about 5 chs. dist., drains SE. about 4 chs. dist., thence northerly; asc. gradually 10 ft., over W. slope to

39.96 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of a tone, 5 ft. base 2 ft. high, for 1/4 sec. cor., with brass cap mkd.

S2
S11
1934

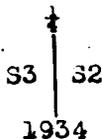
SUBDIVISION OF T. 22 S., R. 11 E.

Chains	
	from which
	A pinon pine, 9 ins. diam., bears S.44°45'W., 63 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
	A pinon pine, 5 ins. diam., bears N.24°45'W., 102 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
42.70	Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc. gradually 30 ft.
50.20	Head of draw, drains NW.; asc. gradually 15 ft.
58.80	Top of ascent, bears N. and S.; desc. gradually 35 ft.
69.00	Top of nearly perpendicular and broken limestone ledge or E. rim of draw, 15 ft. high, bears N. and SW.; precipitous descent of 120 ft., over W. slope.
74.30	Draw, drains N. about 20 chs. dist. into a main hollow; asc. 115 ft., over steep E. slope.
78.60	Top of nearly perpendicular and broken limestone ledge or W. rim of draw, 10 ft. high, bears N. and S.; asc. gradually 5 ft., along N. slope of bench or mesa to
79.92	The cor. of secs. 2, 3, 10, and 11.
	Land, nearly level and gently rolling top of bench or mesa, draining N. and NW.; surface rocky in places and perpendicular rims of blue limestone formation.
	Soil, rocky red sand, about 4 ins. to 2 $\frac{1}{2}$ ft. deep, lying on a white chalky formation, varied colored clays or on bedrock, 3rd. and 4th. rate.
	Undergrowth, yellow top, shadscale, mountain rush, and bud and black sagebrush.
	Grazing, scattering to a fair growth of gramma and bunch grass and weeds.
	N.0°09'W., on a random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect the N. bdy. of the Tp., 7 lks. E. of the cor. of secs. 2, 3, 34, and 35, hereinbefore described.
	Thence,
	S.0°12'E., on a true line bet. secs. 2 and 3.
	Over nearly level and gently rolling top of bench or mesa, through a medium growth of timber and scattering undergrowth; desc. gradually 35 ft., along gentle E. slope.
15.70	Top of perpendicular and broken limestone ledge or S. rim of bench or mesa, 12 ft. high, bears NW, and SE.; precipitous descent of 155 ft., over SW. slope.
22.30	Base of abrupt descent, bears NW. and SE.; desc. 25 ft., over nearly level bottom of hollow.
24.10	Wash, 10 lks. wide, 2 ft. deep, in bottom of hollow, heads SE. about 30 chs. dist., drains W. approximately 15 chs.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- dist., into a main hollow; asc. 10 ft.
- 27.30 Leave nearly level bottom of hollow, bears NW. and SE.; begin precipitous ascent of 115 ft.
- 31.80 Top of perpendicular and broken limestone ledge or N. rim of spur, 10 ft. high, bears NW. and SE.; asc. gradually 5 ft., over top.
- 32.00 Top of spur, projects W. about 40 lks. dist.; desc. gradually 5 ft.
- 33.50 Top of perpendicular and broken limestone ledge or S. rim of spur, 35 ft. high, bears NW. and SE.; desc. 100 ft., over steep SW. slope.
- 39.70 Base of abrupt descent, bears NW. and SE.; desc. gradually 20 ft., over SW. slope of hollow.
- 39.94 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

- A pinon pine limb, 8 ins. diam., bears N.86°45'E., 17 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
- A pinon pine, 9 ins. diam., bears S.39°45'W., 36 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
- 42.50 A stock trail, bears NW. and SE.
- 44.50 Leave timber, bears NW. and SE.
- 54.50 Wash, 10 lks. wide, 2 ft. deep, in bottom of hollow, 20 ft. below $\frac{1}{4}$ sec. cor., drains NW.; asc. 20 ft., over nearly level bottom.
- 59.40 Leave nearly level bottom of hollow, bears NW. and SE.; enter a medium heavy growth of timber, bears NW. and SE.; asc. 140 ft., over steep NE. slope.
- 64.00 Top of perpendicular and broken limestone ledge or N. rim of bench or mesa, 10 ft. high, bears SE. about 2 chs. dist., thence southerly, and SW. about 10 chs. dist., thence northerly; asc. 10 ft., over general N. slope to
- 79.94 The cor. of secs. 2, 3, 10, and 11.

Land, nearly level and gently rolling tops of benches or mesas, separated by hollows; general drainage to the NW. outcroppings and perpendicular rims of blue limestone formation, surface rocky in places on tops and slopes.

Soil, shallow and rocky red sand on tops and slopes; red sand and sandy loam as deep as 10 ft. in bottoms of hollows, swales, and draws, lying on a white chalky formation, or on alternate layers of varied colored clays, or on bedrock of shale and limestone, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, and black sagebrush.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Grazing, scattering to a good growth of gramma and bunch grass and weeds.

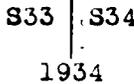
From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., heretofore described in the official record of the survey of T. 23 S., R. 11 E., Group No. 198.

N.0°02'W., bet. secs. 33 and 34.

Over nearly level and gently rolling land, through scattering undergrowth; desc. 50 ft. to ¼ sec. cor., over general N. slope.

37.20 Road, bears N.10°E. to Castle Dale and Huntington, Utah, and S.10°W. to Crawford Holes, Mormon Tanks, Cater's Oil Well, and Tan Seeps.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for ¼ sec. cor., with brass cap mkd.



At the base of the monument, I deposit a limestone, 5x4x1½ ins., marked with a cross (X).

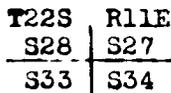
48.50 Branch of same road as noted at 37.20 chs., bears NE. and SW.

50.00 Swale, 15 ft. below ¼ sec. cor., drains northeasterly; gradual ascent of 15 ft.

60.00 Top of low ascent, bears NE. and SW.; gradual descent of 40 ft.

77.20 A stock trail, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, with brass cap mkd.



1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, rolling and gently rolling, draining NE. about 40 chs., thence southeasterly; outcroppings of blue limestone formation.

Soil, red sand and sandy loam, about 1½ ft. deep on slopes and tops and several ft. deep in bottoms, lying on a light colored clay subsoil or on bedrock, 1st. to 2nd. rate.

Timber, a few scattering scrubby cedar.

Undergrowth, yellow top, shadscale, and sagebrush; dense

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

greasewood along bottoms of swales.
Grazing, a good growth of gramma grass and scattering bunch grass.

N.89°59'E., on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.01 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 26, 27, 34, and 35.

Thence,

S.89°57'W., on a true line bet. secs. 27 and 34.

Over nearly level and gently rolling land, through scattering undergrowth; desc. general NW. slope 10 ft.

14.90 Top of perpendicular and broken limestone ledge or E. rim of hollow, bears NW. and SE.; precipitous descent of 80 ft.

17.90 Wash, 50 lks. wide, 8 ft. deep, in bottom of hollow, drains southeasterly; asc. 75 ft., over abrupt E. slope.

28.70 Small reservoir, bears N. 12.30 chs. dist.

30.70 Spur, projects SE.; desc. gradually 25 ft., over SW. slope to

40.005 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ $\frac{S27}{S34}$
1934

of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. raise a mound

54.20 Wash, 25 lks. wide, 4 ft. deep, in bottom of hollow, 25 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. gradually 20 ft., over general E. slope to sec. cor.

66.20 Road, bears NE. to Castle Dale and Huntington, Utah, and SW. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.

68.70 Branch of same road, bears NE. and S.

78.10 A stock trail, bears NE. and SW.

80.01 The cor. of secs. 27, 28, 33, and 34.

Land, rolling and gently rolling, draining southeasterly; outcroppings and perpendicular rims of blue limestone formation.

Soil, red sand and sandy loam, about 1 $\frac{1}{2}$ ft. deep on slopes and tops, and several ft. deep in bottoms of hollows, lying on a light colored clay subsoil or on bedrock, lat. to 31 rate.

Timber, cedar.

Chains

Undergrowth, yellow top, shadescale, sagebrush; dense
 greasewood along bottoms of hollows.
 Grazing, a good growth of gramma and bunch grass and
 weeds.

N. 0° 02' W., bet. secs. 27 and 28.

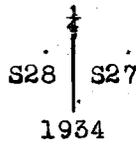
Over nearly level and gently rolling land, through scatter-
 ing undergrowth; desc. gradual general N. slope 10 ft.

10.00 Swale, drains southeasterly; asc. gradually 35 ft. to $\frac{1}{4}$
 sec. cor., over general S. slope.

16.00 Wash, 20 lks. wide, 3 ft. deep, drains southeasterly.

38.00 Enter a scattering growth of timber.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar limb, 7 ins. diam., bears N. 48° 15' E., 184
 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

A cedar, 8 ins. diam., bears S. 88° 45' W., 246
 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

46.00 Leave nearly level and gently rolling land, bears NW. and
 SE., and enter rolling hilly land.

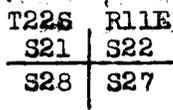
47.40 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., slopes SE. about 3 chs.
 dist.; enter a medium heavy growth of timber, bears NE. and
 SW.; desc. gradual N. slope 10 ft.

59.80 Leave rolling hilly land, bears NW. and SE.; over nearly
 level land to sec. cor.

75.20 Wash, 16 lks. wide, 4 ft. deep, heads W. about 10 chs.
 dist., drains SE.

77.00 Leave timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground, for cor. of secs. 21, 22, 27, and 28, with
 brass cap mkd.



1934

from which

A pinon pine limb, 14 ins. diam., bears S. 79° 30' E.,
 1126 lks. dist., mkd. T 22 S R 11 E S 27 B T.

A pinon pine limb, 6 ins. diam., bears N. 79° 00' W.,
 624 lks. dist., mkd. T 22 S R 11 E S 21 B T.

There are no trees within a reasonable distance in secs.
 22 and 28; therefore, at the base of the monument, I de-
 posit a yellow slate stone, 7x4x $\frac{1}{2}$ ins., marked with a
 cross (X).

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Land, nearly level and gently rolling, S. 46.00 chs. and N. 20.20 chs.; remainder of mile, rolling hills; general drainage to the SE.; surface rocky in places and outcroppings of yellow shale, blue limestone, and yellow sandstone formation.

Soil, red sand and sandy loam, about 2 ft. deep, lying a light clay subsoil or on bedrock on nearly level and gently rolling land; deeper in washes and bottoms, and rocky and more shallow on rolling hills. 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, bud and black sagebrush, and greasewood.

Grazing, a good growth of gramma grass and scattering bunch grass on nearly level and gently rolling land; sparse bunch grass on rolling hills.

N.89°57'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.07 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence,

S.89°55'W., on a true line bet. secs. 22 and 27.

Over rolling and broken land, through a medium growth of timber and scattering undergrowth; asc. abruptly 30 ft., over E. slope.

3.50 Spur, slopes N. about 2 chs. dist.; desc. gradually 10 ft.

8.00 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains NE.; asc. 50 ft.; over abrupt SE. slope.

11.60 Top of abrupt ascent, bears NE. and SW.; begin gradual ascent of 55 ft., over small spurs and draws, putting to the SE.

32.60 Top of ascent, bears NE. and SW.; desc. 20 ft., over nearly level top.

38.10 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, heads NE. approximately 3 chs. dist., drains southwesterly; asc. gradual SE. slope 15 ft. to

40.035 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S22}{S27}$
1934

from which

A pinon pine, 8 ins. diam., bears N.80°15'E., 160 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

A pinon pine, 6 ins. diam., bears S.68°15'W., 92 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

42.80 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., slopes S. about 1 $\frac{1}{2}$ chs.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- dist.; S. extremity of red spur from bench or mesa, bears N. approximately 8 chs. dist.; gradual descent of 20 ft.
- 46.80 Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drains S. about 6 chs. dist. into a main draw, thence SW.; asc. gradually 10 ft.
- 49.60 Spur, projects S. approximately 10 chs. dist.; desc. 45 ft.
- 57.40 A stock trail, bears NW: and SE.
- 67:40 Leave timber, bears NW. and SE.
- 72.40 Begin gradual descent of 10 ft., over gently rolling land.
- 76.10 Wash, 30 lks. wide, 4 ft. deep, heads NE. approximately 30 chs. dist., drains S.
- 77.90 A main wash, 40 lks. wide, 4 ft. deep, in bottom of swale, drains southeasterly; asc. gradually 5 ft., along S. slope to
- 80.07 The cor. of secs. 21, 22, 27, and 28.

Land, rough, rolling, and broken with surface rocky in places and outcroppings of light colored, brown, red, and yellow sandstone, blue limestone, and shale, E. 72.40 chs.; W. 7.67 chs.; gently rolling; general drainage northeasterly, E. 32.60 chs., remainder of mile drains S.

Soil, rocky red sand and sandy loam, shallow to 3 ft. deep, lying on varied colored clays or on bedrock, 1st. to 4th. rate, E. 72.40 chs.; red sandy loam, 1 to 3 ft. deep, lying on varied colored clays, 1st. rate, on remainder of mile.

Timber, cedar and pinon pine.

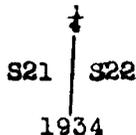
Undergrowth, yellow top, shawscale, black and bud sage-brush, and greasewood.

Grazing, scattering to a good growth of gramma and bunch grass and weeds.

N.0°02'W., bet. secs. 21 and 22.

Desc. 5 ft., over nearly level bottom of swale, through scattering undergrowth.

- 5.30 Wash, 40 lks. wide, 5 ft. deep, drains southeasterly; asc. gradually 45 ft., over general S. slope.
- 15.40 Enter a medium heavy growth of timber, bears NW. and SE.
- 38.00 Begin abrupt ascent of 65 ft. to $\frac{1}{4}$ sec. cor., over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- A pinon pine, 7 ins. diam., bears N.33°00'E., 72 lks. dist., mkd. $\frac{1}{2}$ S 22 B T.
- A pinon pine, 8 ins. diam., bears N.44°00'W., 71 lks. dist., mkd. $\frac{1}{2}$ S.21 B T.
- 44.80 Top of nearly perpendicular and broken sandstone ledge S, rim of bench or mesa, 105 ft. high, bears N.80°W. approximately 7 chs. dist., and 3.80°E. about 4 chs. dist. 225 ft. above $\frac{1}{2}$ sec. cor.; asc. gradually 5 ft., over rolling and broken top,
- 46.30 Top of bench or mesa, bears E. and NW. about 6 chs. dist. desc. gradually 70 ft.
- 64.00 Draw, heads SW. about 2 chs. dist., drains northeasterly asc. gradually 15 ft.
- 70.30 Top of ascent, bears NW. and SE.; desc. gradually 30 ft.
- 74.20 Top of nearly perpendicular and broken sandstone ledge on N. rim of bench or mesa, 80 ft. high, bears N.60°W. and S.60°E. about 8 chs. dist., thence northerly; precipitous descent of 280 ft.
- 79.75 Wash, 50 lks. wide, 6 ft. deep, in bottom of gulch, drains northwesterly.
- 80.00 True point for cor. of secs. 15, 16, 21, and 22, falls on N. edge of the wash, where the establishment of a cor. monument is impracticable.
- 80.70 On rugged SW. slope, 15 ft. above the true point for sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 15, 16, 21, and 22, with brass cap, mkd.

T22S	R11E
S16	S15
S21	S22
WC	
1934	

raise a monument of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, W. of cor. All available trees are too scrubby for marking.

Land, nearly level, gently rolling, and rolling, S. 38.00 chs.; abrupt and rugged slopes and top of bench or mesa, N. 42.00 chs.; drainage to the SE., S. 46.30 chs.; N. 33.70 chs. drains generally to the NW.; yellow shale rock and outcroppings on S. 38.00 chs.; outcroppings, large boulders, broken and perpendicular ledges on varied colored sandstone and conglomerate of sandstone and volcanic rock, on N. 35.20 chs.

Soil, red sand and red sandy loam, about 1 to 4 ft. deep lying on a light clay subsoil or on bedrock, 1st. to 3rd rate, on S. 38.00 chs.; shallow red sand, lying on varied colored clay subsoils or on bedrock, 4th. rate, on remainder of mile.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, sagebrush, and rabbit brush on S. 38.00 chs.; service berry bushes and black brush on rough portion of mile.

Grazing, a fair to good growth of gramma and bunch grass on S. 38.00 chs.; and very scattering on rough portion of mile.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

From the true point for the cor. of secs. 15, 16, 21, and 22.

N. 89°55'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22, and 23.

Thence,

S. 89°54'W., on a true line bet. secs. 15 and 22.

Over rolling, rough, and broken land, through a medium growth of timber and scattering undergrowth; asc. gradually 10 ft., over NE. slope.

4.30 Spur, slopes SE. approximately 4 chs. dist.; desc. 20 ft.

9.30 Draw, drains SE.; asc. gradually 105 ft., over rolling land.

25.60 A stock trail, bears NW. and SE.

31.00 Spur, projects NE. about 8 chs. dist.; desc. gradually 10 ft.

33.00 Head of draw, drains NE. about 20 chs. dist.; asc. gradually 15 ft., over E. slope to

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S15
S22
1934

from which

A pinon pine limb, 8 ins. diam., bears N. 55°00'E., 31 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.

A pinon pine, 7 ins. diam., bears S. 67°30'E., 99 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

50.90 Spur, on N. slope of bench or mesa, 70 ft. above $\frac{1}{4}$ sec. cor., slopes N. approximately 4 chs. dist.; desc. abruptly 25 ft.

53.30 Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, heads S. about 8 chs. dist., drains N.; asc. 115 ft., over steep E. slope.

61.70 Spur, on N. slope of bench or mesa, slopes N. about 5 chs. dist.; desc. abruptly 40 ft.

65.20 Draw, heads S. about 3 chs. dist., drains N. about 3 chs. dist., thence northwesterly; precipitous ascent of 140 ft. to

70.10 Top of nearly perpendicular and broken sandstone ledge or N. rim of bench or mesa, 30 ft. high, bears NW. about 5 chs. dist. to extreme N. point, and SE.; asc. gradually 30 ft., over NE. slope of top.

73.90 Top of bench or mesa, projects N. about 1 $\frac{1}{2}$ chs. dist.; desc. gradually 35 ft.

74.10 Top of nearly perpendicular and broken sandstone ledge or

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

W. rim of bench or mesa, 80 ft. high, bears N. about 2 ch. dist., and SW. about 8 chs. dist., thence NW.; precipitous descent of 290 ft., over SW. slope to

80.10 The true point for cor. of secs. 15, 16, 21, and 22.

Land, rough, rolling, and broken, draining northeasterly, E. 61.70 chs.; steep and mountainous, draining northwest-erly, remainder of mile; mostly blue limestone outcroppings on E. 61.70 chs.; broken and perpendicular ledges of various colored sandstone, blue limestone, and red shale formations. Large boulders and outcroppings on W. 18.40 chs.

Soil, red sand and sandy loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock, 2nd. to 3rd. rate, on E. 61.70 chs.; shallow and rocky red sand, lying on alternate layers of varied colored clays and shale or on bedrock, 4th rate, on W. 18.40 chs.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, black and bud sagebrush.

Grazing, scattering growth of bunch grass and weeds.

From the true point for cor. of secs. 15, 16, 21, and 22,

N.0°02'W., bet. secs. 15 and 16.

Asc. abruptly 110 ft., along rugged SW. slope, through scattering timber and undergrowth.

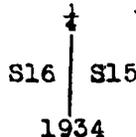
0.70 Intersect the witness cor. to the cor. of secs. 15, 16, 21, and 22.

9.20 Top of saddle, bears NW. about 1 ch. dist. to S. extremity of butte or mesa, and SE. about 8 chs. dist. to N. extremity of bench or mesa; desc. gradually 190 ft., along E. slope.

36.30 Spur, slopes E. about 1 ch. dist.; desc. abruptly 65 ft. to $\frac{1}{4}$ sec. cor., over N. slope.

39.90 A stock trail, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears S.72°00'E., 49 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.

A pinon pine, 8 ins. diam., bears S.32°15'W., 60 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.

41.00 Wash, 30 lks. wide, 3 ft. deep, in bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains westerly; asc. 180 ft., over steep SE. slope.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 50.20 Prong of solid rock, projects SW. about 50 lks. dist.; asc. gradually 10 ft., over SW. slope.
- 54.60 Ridge, bears NW. and SE.; desc. gradually 30 ft.
- 58.00 Head of draw, drains E.; asc. gradually 35 ft.
- 63.30 Spur, projects E. approximately 10 chs. dist.; top of Wickiup Peak, bears W. 15.00 chs. dist.; desc. abruptly 160 ft., over small spurs and draws, putting to the NE.
- 77.70 Base of steep descent, bears E. and W.; desc. gradually 25 ft., over general N. slope to .
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

T22S	R11E
S9	S10
S16	S15

1934

from which

A pinon pine, 10 ins. diam., bears N.36°15'E., 76 lks. dist., mkd. T 22 S R 11 E S 10 B T.

A pinon pine, 8 ins. diam., bears S.43°15'E., 139 lks. dist., mkd. T 22 S R 11 E S 15 B T.

A pinon pine, 10 ins. diam., bears S.60°45'W., 107 lks. dist., mkd. T 22 S R 11 E S 16 B T.

A pinon pine, 12 ins. diam., bears N.27°00'W., 71 lks. dist., mkd. T 22 S R 11 E S 9 B T.

Land, rough and broken; general drainage to the NW. to a draw, noted at 41.00 chs., thence westerly, S. 54.60 chs.; remainder of mile, drains northeasterly; outcroppings of blue limestone, shale, varied colored sandstone and conglomerate of sandstone and volcanic formation.

Soil, shallow red sand, lying on varied colored clays or on shale or on bedrock on tops and slopes; red sand and sandy loam, about 1 to 3 ft. deep, lying on bedrock in bottoms. 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, bud sage brush, and service berry bushes.

Grazing, a scattering to a fair growth of gramma grass.

N.89°54'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.23 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S.89°55'W., on a true line bet. secs. 10 and 15.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- Over rough, broken, and rolling land, through a medium heavy growth of timber and scattering undergrowth; desc. gradually 5 ft., along N. slope.
- 3.10 Draw, heads SW. about 5 chs. dist., drains northeasterly; asc. abruptly 25 ft.
- 5.40 Top of abrupt ascent, bears NE. and SW.; asc. gradually 10 ft., over nearly level land.
- 15.80 Top of nearly perpendicular and broken limestone ledge or E. rim of gulch, 10 ft. high, bears NE. and SW.; steep descent of 60 ft.
- 16.20 Wash, 15 lks. wide, 3 ft. deep, in bottom of gulch, heads SW. about 30 chs. dist., drains northeasterly; asc. abruptly 25 ft., over broken E. slope.
- 18.00 Top of nearly perpendicular and broken limestone ledge or W. rim of gulch, 10 ft. high, bears NE. and SW.; asc. abruptly 30 ft.
- 19.50 Top of abrupt ascent, bears NE. and SW.; desc. gradually 40 ft over top.
- 36.60 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, heads S. about 25 chs. dist., drains northeasterly; asc. 35 ft., over abrupt SE. slope to.
- 40.115 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S10
 $\frac{1}{4}$ S15
 1934
- from which
- A pinon pine, 5 ins. diam.; bears S.66°00'E., 78 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
- A pinon pine limb, 9 ins. diam., bears N.44°30'W., 94 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
- 43.20 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., heads SW. about 7 chs. dist., drains northeasterly; asc. gradually 5 ft.
- 44.90 Top of ascent, bears N. and S.; desc. gradually 25 ft.
- 50.60 Draw, heads SW. about 8 chs. dist., drains N. about 5 chs. dist., thence northwesterly; asc. abruptly 25 ft., over E. slope.
- 52.70 Spur, projects N. approximately 20 chs. dist.; desc. gradually 30 ft., over W. slope.
- 64.60 Draw, heads S. approximately 15 chs. dist., drains N.; asc. 50 ft., over abrupt E. slope.
- 69.00 Spur, slopes N. about 1 ch. dist.; abrupt descent of 30 ft.
- 72.60 Draw, heads S. about 5 chs. dist., drains N.; asc. gradually 50 ft., along N. slope to
- 80.23 The cor. of secs. 9, 10, 15, and 16.
- Land, rough, rolling, and broken, draining N. and north-

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

easterly; surface rocky, outcroppings, perpendicular rims of blue limestone.

Soil, red sand, about 6 to 18 ins. deep, lying on varied colored clays and bedrock, 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, and black sagebrush.

Grazing, poor to fair growth of bunch and gramma grass.

N.0°02'W., bet. secs. 9 and 10.

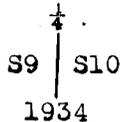
Over rolling and broken land, through a medium growth of timber and scattering undergrowth; desc. 30 ft., over abrupt general N. slope.

15.00 Wash, 40 lks. wide, 5 ft. deep, in bottom of draw, drains NE.; gradual ascent of 20 ft.

17.50 Spur, projects NE. about 10 chs. dist.; desc. gradually 25 ft.

26.00 Draw, heads SW. about 3 chs. dist., drains NE.; asc. gradually 25 ft., over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam.; 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 12 ins. diam., bears S.81°00'E., 72 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

A pinon pine, 10 ins. diam., bears N.77°15'W., 45 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

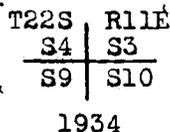
48.40 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., slopes NE. about 3 chs. dist.; desc. gradually 10 ft.

50.10 S. rim of hollow, bears NE. and SW.; precipitous descent of 160 ft.

59.70 Base of abrupt descent, bears NE. and SW.; desc. 25 ft., over gently rolling and nearly level bottom.

69.50 Wash, 30 lks. wide, 4 ft. deep, in bottom of hollow, drains SE. about 3 chs. dist., thence northwesterly; asc. 15 ft., over gradual S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears N.48°45'E., 303 lks. dist., mkd. T 22 S R 11 E S 3 B T.

A cedar, 14 ins. diam., bears S.62°15'E., 432 lks. dist., mkd. T 22 S R 11 E S 10 B T.

A cedar, 10 ins. diam., bears S.47°00'W., 214 lks. dist., mkd. T 22 S R 11 E S 9 B T.

A cedar, 5 ins. diam., bears N.81°15'W., 111 lks. dist., mkd. T 22 S R 11 E S 4 B T.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Land, rolling, nearly level, and broken top of bench or mesa, S. 50.10 chs.; nearly level, gently rolling, and abrupt N. slope of hollow remainder of mile; general drainage to the NW.; outcroppings, rims, and surface rock of blue limestone and shale formation.

Soil, red sand and sandy loam, shallow, gravelly and rocky on tops and slopes, and about 1 to several ft. deep in hollow, lying on a clay subsoil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, bud sagebrush, and service berry bushes.

Grazing, scattering to a good growth of gramma and bunch grass and weeds.

N. 89°55'E., on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.31 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 2, 3, 10, and 11.

Thence,

S. 89°52'W., on a true line bet. secs. 3 and 10.

Over nearly level and gently rolling top of bench or mesa, through a medium heavy growth of timber and scattering undergrowth; asc. gradually 10 ft., along N. slope.

14.60 Spur, slopes SW. about 3 chs. dist.; desc. gradually 35 ft.

18.90 Draw, heads SE. about 8 chs. dist., drains northerly; asc. gradually 40 ft.

37.80 Top of ascent, bears NW. and SE.; desc. gradually 5 ft.

40.155 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S3}{S10}$
1934

from which

A pinon pine, 7 ins. diam., bears N. 6°30'E., 106 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

A pinon pine, 10 ins. diam., bears S. 31°30'W., 98 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

45.30 Head of draw, 10 ft. above $\frac{1}{4}$ sec. cor., drains N.; asc. gradually 15 ft.

53.10 Top of ascent, bears NW. and SE.; desc. gradually 5 ft.

53.70 Top of nearly perpendicular and broken limestone ledge or S. rim of bench or mesa, 15 ft. high, bears N. 60°W. and S. 60°E.; precipitous descent of 210 ft., over SW. slope.

77.40 Wash, 20 lks. wide, 2 ft. deep, in bottom of hollow, drains northwesterly; asc. 5 ft., over nearly level and rolling bottom to sec. cor.

79.50 Old road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

20.31

The cor. of secs. 3, 4, 9, and 10.
 Land, nearly level and gently rolling top of bench or mesa, draining N. and NW., E. 53.70 chs.; nearly level, gently rolling, and abrupt S. slope of hollow, draining NW.; remainder of mile; outcroppings, perpendicular rims, and some surface rock of blue limestone, light colored sandstone, and shale formation.
 Soil, shallow red sand and sandy loam, lying on bedrock on bench or mesa; red sandy loam, several ft. deep, lying on varied colored clays or on bedrock. 1st. to 3rd. rate.
 Timber, cedar and pinon pine.
 Undergrowth, shadscale, yellow top, mountain rush, bud and black sagebrush, and service berry bushes.
 Grazing, a scattering to a good growth of gramma and bunch grass and weeds.

N.0°12'W., on a random line bet. secs. 3 and 4.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.98

Intersect the N. bdy. of the Tp., 30 lks. W. of the cor. of secs. 3, 4, 33, and 34, hereinbefore described.

Thence,

S.0°01'W., on a true line bet. secs. 3 and 4.

Over nearly level and gently rolling top of bench or mesa, through a medium to heavy growth of timber, and scattering undergrowth; asc. 45 ft., over general N. slope to

27.70

N. rim of gulch, bears NW. and SE.; desc. 15 ft., over S. slope.

31.00

Gulch, heads SE. about 5 chs. dist., drains NW.; asc. 20 ft., over N. slope.

33.00

S. rim of gulch, bears NW. and SE.; asc. 10 ft., over N. slope to

39.98

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A cedar limb, 10 ins. diam., bears N.18°30'E., 29 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

A pinon pine limb, 12 ins. diam., bears S.86°15'W., 49 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

44.50

Top of ascent, 10 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradually 35 ft.

58.80

Draw, heads SE. about 4 chs. dist., drains NW. about 50 lks. to rim of bench or mesa; asc. gradually 35 ft.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 65.50 Top of nearly perpendicular limestone ledge or S. rim of bench or mesa, 40 ft. high, bears NW. and SE.; precipitous descent of 140 ft., over SW. slope.
- 76.60 Wash, 30 lks. wide, 2 ft. deep, in bottom of hollow, drains northwesterly; asc. over nearly level and gently rolling bottom to sec. cor.
- 78.00 Old road, bears NW. to Castle Dale and Huntington, Utah, and SE. to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps.
- 79.98 The cor. of secs. 3, 4, 9, and 10.

Land, rolling and nearly level, and broken top of bench or mesa, N. 65.50 chs.; nearly level, gently rolling, and abrupt SW. slope of hollow, remainder of mile; drainage N. and NW.; perpendicular rims and some surface rock of light colored sandstone, blue limestone, and shale formation.

Soil, shallow red sand, lying on bedrock on N. 65.50 chs. red sand and sandy loam, several ft. deep, lying on various colored clays or on bedrock on remainder of mile. 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow-top, mountain rush, bud and black sagebrush, and service berry bushes.

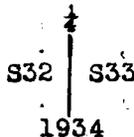
Grazing, a scattering to a good growth of gramma and burn grass and weeds.

From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., heretofore described in the official record of the survey of T. 23 S., R. 11 E., Group No. 198.

N.0°03'W., bet. secs. 32 and 33.

Over gently rolling land, through scattering undergrowth asc. gradually 25 ft., over S. slope.

- 7.80 Enter a medium growth of timber, bears NE. and SW.
- 10.20 Top of ascent, bears NE. and SW.; desc. gradually 10 ft. over N. slope.
- 12.20 Leave timber, bears E. and SW.
- 26.70 Head of swale, drains easterly; asc. gradually 30 ft., over S. slope to $\frac{1}{4}$ sec. cor.
- 39.30 Enter a medium growth of timber, bears SE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 5 ins. diam., bears N.34°30'E., 239

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

A pinon pine, 7 ins. diam., bears S.56°00'W., 460
lks. dist., mkd. $\frac{1}{4}$ S 32, B T.

44.10 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears SL. and W.;
desc. gradually 15 ft.

51.30 Swale, drains easterly; asc. gradually 5 ft.

55.30 Low spur, slopes SE. about 2 chs. dist.; desc. gradually
15 ft.

64.00 Draw, drains southeasterly; asc. gradually 10 ft., over
SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 28, 29, 32, and 33, with
brass cap mkd.

T22S	R11E
S29	S28
S32	S33

1934

from which

A pinon pine limb, 10 ins. diam., bears N.72°30'E., 111
lks. dist., mkd. T 22 S R 11 E S 28 B T.

A cedar limb, 12 ins. diam., bears S.35°30'E., 289
lks. dist., mkd. T 22 S R 11 E S 33 B T.

A pinon pine, 5 ins. diam., bears S.69°15'W., 168
lks. dist., mkd. T 22 S R 11 E S 32 B T.

A pinon pine, 14 ins. diam., bears N.54°41'W., 133
lks. dist., mkd. T 22 S R 11 E S 29 B T.

Land, nearly level, rolling, and gently rolling, draining
to the SL.; light and yellow colored sandstone and blue
limestone outcroppings.

Soil, red sand and sandy loam, varying in depth from about
1 to 2 ft. deep on tops and slopes, and several ft. deep
in bottoms, lying on a clay subsoil or on bedrock, 1st. to
3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, service berry bushes,
buck brush, and mountain rush.

Grazing, a fair to good growth of grama and bunch grass.

N.89°59'E., on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
27, 28, 33, and 34.

Thence,

S.89°58'W., on a true line bet. secs. 28 and 33.

Over nearly level, gently rolling, and rolling land,

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

through scattering undergrowth; asc. gradually 20 ft.,
along S. slope to $\frac{1}{4}$ sec. cor.

- 2.70 Wash, 5 lks. wide, 3 ft. deep, drains northeasterly.
40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S28}{S33}$
1934

from which

A cedar limb, 4 ins. diam., bears S.89°45'W., 544
lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

A pinon pine limb, 8 ins. diam., bears N.59°15'W., 32
lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

- 45.60 Enter a medium heavy growth of timber, bears NE. and SW.
55.60 Top of ascent, 30 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.
desc. gradually 10 ft.
57.90 Head of swale, drains S. about 3 chs. dist., thence east-
erly; asc. gradually 25 ft., along S. slope to
60.04 The cor. of secs. 28, 29, 32, and 33.

Land, nearly level, rolling, and gently rolling, draining
easterly; light and yellow colored sandstone and blue
limestone outcroppings.

Soil, red sand and sandy loam, varying in depth from abo-
1 to 2 ft. on tops and slopes, and several ft. in bottom
of swale, lying on a clay subsoil or on bedrock; 1st. to
3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, service berry bushes, yellow top
bud and black sagebrush.

Grazing, a fair to good growth of gramma and bunch grass

N.0°03'W., bet. secs. 28 and 29.

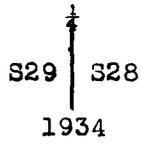
Over rolling land, through a medium heavy growth of tim-
ber and scattering undergrowth; asc. gradually 15 ft.,
over S. slope.

- 2.70 Spur, slopes E. about 2 chs. dist.; desc. gradually 20 f
4.50 Draw, heads W. about 3 chs. dist., drains SE. about 5
chs. dist., thence northeasterly; asc. gradually 40 ft.
8.70 Spur, slopes NE. about 5 chs. dist.; desc. gradually 45
ft.
23.70 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drain
easterly; asc. gradually 20 ft., over S. slope to $\frac{1}{4}$ sec.
cor.
25.00 Wash, 10 lks. wide, 2 ft. deep, drains SE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

ground, for 1/4 sec. cor., with brass cap mkd.

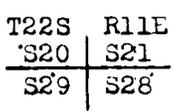


from which

A pinon pine, 5 ins. diam., bears N.74°15'E., 81 lks. dist., mkd. 1/4 S 28 B T.

A pinon pine, 6 ins. diam., bears N.74°15'W., 69 lks. dist., mkd. 1/4 S 29 B T.

- 55.40 Spur, 10 ft. above 1/4 sec. cor., slopes E. about 5 chs. dist.; desc. gradually 15 ft.
- 58.80 Draw, heads SW. about 12 chs. dist., drains southeasterly; asc. gradually 15 ft.
- 64.90 Top of ascent, bears E. and W.; desc. gradually 10 ft.
- 72.60 Wash, 25 lks. wide, 2 ft. deep, in bottom of draw, drains southeasterly; asc. gradually 20 ft., over S. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.



1934

from which

- A pinon pine, 5 ins. diam., bears N.26°30'E., 151 lks. dist., mkd. T 22 S R 11 E S 21 B T.
- A pinon pine limb, 5 ins. diam., bears S.10°00'E., 225 lks. dist., mkd. T 22 S R 11 E S 28 B T.
- A pinon pine, 8 ins. diam., bears S.33°30'W., 168 lks. dist., mkd. T 22 S R 11 E S 29 B T.
- A pinon pine, 7 ins. diam., bears N.73°00'W., 175 lks. dist., mkd. T 22 S R 11 E S 20 B T.

Land, rolling and gently rolling, draining easterly, thence southeasterly; light and yellow sandstone and blue limestone outcroppings.

Soil, red sand and sandy loam, varying in depth from about 1 to 2 1/2 ft. deep on tops and slopes, to several ft. deep in bottoms, lying on a clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, service berry bushes, and buck brush.

Grazing, a good growth of gramma grass in openings and scattering bunch grass in timber.

N.89°58'E., on a random line bet. secs. 21 and 28.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21, 22, 27, and 28.
- Thence,
- S.89°57'W., on a true line bet. secs. 21 and 28.
- Over gently rolling land, through scattering undergrowth; asc. gradually 110 ft., along general S. slope.
- 9.90 Enter a medium growth of timber, bears N. and S.
- 31.40 Leave gently rolling land, bears NW. and SE.; asc. NE. slope 15 ft. to .
- 40.01 On top of spur, projecting SE. about 15 chs. dist., set an iron post, 3 ft. long, $\frac{1}{4}$ in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S21 /
 S28
 1934

from which

- A pinon pine limb, 6 ins. diam., bears N.22°30'E., 15 lks. dist., mkd. $\frac{1}{4}$ S 21 B T
- A pinon pine, 7 ins. diam., bears S.10°45'E., 71 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

From this cor., desc. gradual SW. slope.

- 49.10 Wash, 15 lks. wide, 1 $\frac{1}{2}$ ft. deep, in bottom of swale, 65 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. gradually 40 ft. along S. slope to
- 80.02 The cor. of secs. 20, 21, 28, and 29.
- Land, gently rolling and rolling, draining southeasterly; yellow sandstone, blue limestone, and yellow shale surface rock and outcroppings.
- Soil, red sand and sandy loam, varying in depth from about 1 to 3 ft., lying on a clay subsoil or on bedrock, lat. to 4th. rate.
- Timber, cedar and pinon pine.
- Undergrowth, yellow top, shadscale, mountain rush, service berry bushes, and buck brush.
- Grazing, a fair to good growth of gramma and bunch grass and weeds.

N.0°03'W., bet. secs. 20 and 21.

Over rolling land, through a medium growth of timber and scattering undergrowth; asc. gradually 50 ft., over S. slope.

- 12.80 Leave rolling land, bears SE. and SW.; begin precipitous ascent of 245 ft., over S. slope.
- 19.70 Top of perpendicular and broken sandstone and limestone

SUBDIVISION OF T. 22 S., R. 11 E.

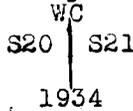
Chains

ledge or S. rim of E. extremity of bench or mesa, 85 ft. high, bears NW. about 8 chs. dist., thence southwesterly, and SE. about 2½ chs. dist.; a castle or knob of solid rock of sandstone and limestone formation, approximately 150 ft. base, 100 ft. high, bears SE. about 5 chs. dist.; asc. gradually 10 ft., over rough and broken top to

20.20 Top of perpendicular and broken sandstone and limestone ledge or N. rim of E. extremity of bench or mesa, 90 ft. high, bears NW. and SE. about 2½ chs. dist.; precipitous descent of 270 ft., over N. slope.

28.80 Base of abrupt descent, bears NW. and SE.; desc. gradually 145 ft. to

31.50 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 1 ft. high, for witness cor. to the ¼ sec. cor., with brass cap mkd.



of stone, 3 ft. base, 3 ft. high, W. of cor. raise a mound

36.40 Draw, 70 ft. below witness ¼ sec. cor., heads SE. about 4 chs. dist., drains NW.; asc. abruptly 115 ft., over SW. slope to

40.00 True point for ¼ sec. cor., falls on a steep, loose, and broken SW. slope, making the establishment of cor. monument impracticable.

40.50 Spur, 15 ft. above true point for ¼ sec. cor., slopes W. about 2 chs. dist.; desc. abruptly 65 ft.

47.40 Draw, drains NW.; steep ascent of 60 ft.

51.90 Spur, slopes W. about 1 ch. dist.; desc. abruptly 60 ft.

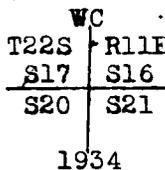
52.80 Draw, drains NW. about 2 chs. dist.; steep descent of 95 ft.

58.40 Spur, slopes NW. about 2 chs. dist.; steep descent of 95 ft.

61.00 Draw, heads SE. about 15 chs. dist., drains NW.; abrupt ascent of 90 ft., over SW. slope.

69.20 Spur, projects NW. approximately 8 chs. dist.; desc. 145 ft., over abrupt NE. slope to

78.20 Set an iron post, 3 ft. long; 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1½ ft. high, for witness cor. to the cor. of secs. 16, 17, 20, and 21, with brass cap mkd.



from which

A pinon pine, 12 ins. diam., bears S.55°00'E., 98½ lks. dist., mkd. W C T 22 S R 11 E S 21 B T.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

A pinon pine, 8 ins. diam., bears N.69°15'W., 62½ lks. dist., mkd. W C T 22 S-R 11 E S 20 B T.

There are no other trees available in sec. 16 and 20; therefore, at the base of the monument, I deposit a shale stone, 8x8x½ ins., marked with a cross (X).

80.00 True point for the cor. of secs. 16, 17, 20, and 21; falls in a wash, 50 lks. wide, 3 ft. deep, in bottom of hollow or gulch, draining northeasterly; 40 ft. below witness cor.

Land, rolling, rough, and broken, with outcroppings, large boulders, perpendicular, broken, and sloping ledges of varied colored sandstone, sandstone conglomerate, blue limestone, and shale formation; general drainage SE., S. 20.20 chs.; remainder of mile drains N., NE., and thence northwesterly.

Soil, red sand and sandy loam, shallow to 3 ft. deep, lying on varied colored clays or on shale or on bedrock; 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, service berry bushes, and buck brush.

Grazing, a scattering growth of bunch grass.

From the true point for cor. of secs. 16, 17, 20, and 21, N.69°57'E., on a random line bet. secs. 16 and 21

40.00 Set temp. ¼ sec. cor.

30.01 Intersect N. and S. line, 2 lks. S. of true point for cor. of secs. 15, 16, 21, and 22.

Thence,

S.69°56'W., on a true line bet. secs. 16 and 21.

Over rough, rolling, and broken land, through a medium growth of timber and scattering undergrowth; desc. abruptly 15 ft., over SW. slope.

0.50 Wash, 50 lks. wide, 6 ft. deep, in bottom of gulch, drains NW.; asc. abruptly 65 ft.

3.20 Spur, slopes N. about 1½ chs. dist.; desc. gradually 100 ft., over W. slope.

14.60 Draw, heads SE. about 3 chs. dist.; drains NW.; asc. gradually 35 ft.

21.80 Spur, slopes NW. about 6 chs. dist.; steep descent of 55 ft., over SE. slope.

25.50 Draw, heads S. about 10 chs. dist., drains N.; asc. abruptly 100 ft.

33.40 Spur, slopes NE. about 5 chs. dist.; desc. gradually 30 ft., over SW. slope to

40.005 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

S16
S21
1934

from which

A pinon pine limb, 8 ins. diam., bears S.1°00'W., 116 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.

A pinon pine limb, 6 ins. diam., bears N.45°30'W., 101 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.

- 42.00 Draw, 30 ft. below $\frac{1}{4}$ sec. cor., heads S. about 1 ch. dist., drains N.; asc. abruptly 50 ft.
- 43.50 Spur, projects NW. approximately 6 chs. dist.; steep descent of 140 ft.
- 54.20 Draw, heads SE. about 15 chs. dist., drains northwesterly; gradual ascent of 80 ft.
- 64.50 Spur, projects NW. approximately 7 chs. dist.; gradual descent of 15 ft.
- 66.00 Draw, heads SE. about 10 chs. dist., drains northwesterly; asc. gradually 15 ft.
- 68.60 Spur, projects NW. approximately 10 chs. dist.; desc. abruptly 110 ft., over SW. slope.
- 71.80 Junction of two draws, one heads SE. about 12 chs. dist., and the other SW. about 8 chs. dist., drains northwesterly; a stock trail, bears NW. and SE.; abrupt ascent of 75 ft.
- 77.20 Spur, slopes NE. about 3 chs. dist.; desc. NW. slope 55 ft. to
- 80.01 True point for the cor. of secs. 16, 17, 20, and 21.

Land, rolling and broken, with outcroppings and boulders of varied colored sandstone, some yellow volcanic stone, blue limestone, and shale formation; general drainage to the NW.

Soil, rocky or gravelly red sand, about 3 to 6 ins. deep, lying on a yellow or brown clay subsoil or on bedrock on tops and slopes, 3rd. to 4th. rate; deep red sand and sandy loam, lying on bedrock in bottoms, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, service berry bushes, and buck brush.

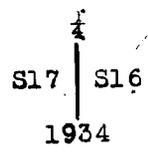
Grazing, a fair to good growth of gramma and bunch grass.

From the true point for cor. of secs. 16, 17, 20, and 21, N.0°03'W., bet. secs. 16 and 17.

Over rolling and broken land, through scattering timber and undergrowth; asc. gradually 20 ft., over bottom of hollow.

SUBDIVISION OF T. 22 S., R. 11 E.

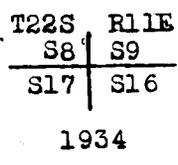
- Chains
- 4.30 Leave bottom of hollow, bears NE. and SW.; asc. SE. slope 55 ft.
 - 11.60 Spur, slopes NE. about 4 chs. dist.; desc. abruptly 140 ft.
 - 25.00 Draw, drains northwesterly; asc. 25 ft.
 - 35.40 Spur, slopes NW. about 3 chs. dist.; desc. gradual NE. slope 20 ft. to
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 6 1/2 ft. base, 1 ft. high, for 1/4 sec. cor., with brass cap mkd.



from which

- A pinon pine, 8 ins. diam., bears S.16°15'E., 125 lks. dist., mkd. 1/4 S 16 B T.
- A pinon pine, 6 ins. diam., bears S.12°15'W., 79 lks. dist., mkd. 1/4 S 17 B T.

- 40.80 Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, 10 ft. below 1/4 sec. cor., heads SE. approximately 15 chs. dist., drains northwesterly; gradual ascent of 10 ft.
- 43.20 Spur, slopes NW. about 3 chs. dist.; gradual descent of 45 ft.
- 64.00 Wash, 40 lks. wide, 3 ft. deep, in bottom of hollow, drains northwesterly; abrupt ascent of 90 ft.
- 72.70 Top of ascent, bears E. and W.; desc. 20 ft., over N. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.



from which

- A pinon pine, 14 ins. diam., bears N.65°15'E., 24 lks. dist., mkd. T 22 S R 11 E S 9 B T.
- A pinon pine, 10 ins. diam., bears S.10°15'E., 96 lks. dist., mkd. T 22 S R 11 E S 16 B T.
- A pinon pine, 8 ins. diam., bears S.50°30'W., 33 lks. dist., mkd. T 22 S R 11 E S 17 B T.
- A pinon pine, 12 ins. diam., bears N.46°45'W., 33 lks. dist., mkd. T 22 S R 11 E S 8 B T.

Land, rough, rolling, and broken, draining generally NW.; outcroppings of white, gray, and yellow sandstone, some blue limestone and shale.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Soil, rocky or gravelly red sand, about 3 to 6 ins. deep, lying on a yellow or brown clay subsoil or on bedrock, on tops and slopes, 3rd. to 4th. rate; deep red sand and sandy loam, lying on bedrock in bottoms, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, service berry bushes, and buck brush.

Grazing, a fair to good growth of gramma and bunch grass.

N.89°56'E., on a random line bet. secs. 9 and 16

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 9, 10, 15, and 16.

Thence,

S.89°54'W., on a true line bet. secs. 9 and 16.

Over rolling land, through scattering timber and undergrowth; asc. gradually 15 ft., over E. slope.

12.10 Spur, projects N. approximately 7 chs. dist.; top of Wickiup Peak, bears S. 17.00 chs. dist.; desc. gradually 80 ft., over NW. slope to $\frac{1}{4}$ sec. cor.

36.20 Leave rolling land, bears NE. and S. and desc. over nearly level and general W. slope to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S9
—
 $\frac{1}{4}$ S16
1934

from which

A pinon pine, 14 ins. diam., bears N.77°45'E., 85 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

A pinon pine, 8 ins. diam., bears S.32°30'W., 117 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.

Continue descent of 45 ft. to

79.98 The cor. of secs. 8, 9, 16, and 17.

Land, rolling spurs, projecting from Wickiup Peak, draining NE., E. 36.20 chs.; nearly level and gently rolling, draining S. into a main wash, thence westerly, W. 43.78 chs.; outcroppings of blue limestone and shale formation.

Soil, white sandy loam, rocky and gravelly in places, about 6 ins. to 3 ft. deep, lying on shale or on bedrock, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, service berry bushes, mountain rush, bud and black sagebrush.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

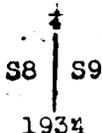
Grazing, a good growth of gramma grass.

N.0°03'W., bet. secs. 8 and 9.

Over rolling land, through a medium growth of timber and scattering undergrowth; asc. gradually 15 ft., over S. slope.

19.90 Top of ascent, bears E. and W.; desc. 70 ft., over general N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pinon pine, 10 ins. diam., bears S.58°30'E., 60 lks. dist.; mkd. $\frac{1}{4}$ S 9 B T.

A pinon pine, 6 ins. diam., bears S.65°45'W., 105 lks. dist.; mkd. $\frac{1}{4}$ S 8 B T.

48.20 Draw, 10 ft. below $\frac{1}{4}$ sec. cor.; heads SE. approximately 10 chs. dist.; drains NW.; asc. 20 ft., over SW. slope.

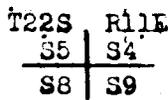
50.40 Spur, slopes NW. about 4 chs. dist.; gradual descent of 10 ft.

52.10 Draw, heads E. approximately 10 chs. dist., drains W. about 5 chs. dist., thence northwesterly; asc. gradually 30 ft.

55.10 Spur, slopes W. about 5 chs. dist.; desc. 5 ft.

63.10 Head of draw, drains W.; asc. gradually 15 ft., over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.



1934

from which

A pinon pine, 8 ins. diam., bears N.23°45'E., 230 lks. dist.; mkd. T 22 S R 11 E S 4 B T.

A cedar, 10 ins. diam., bears S.44°15'E., 75 lks. dist.; mkd. T 22 S R 11 E S 9 B T.

A cedar, 8 ins. diam., bears S.51°15'W., 105 lks. dist.; mkd. T 22 S R 11 E S 8 B T.

A pinon pine, 12 ins. diam., bears N.29°15'W., 190 lks. dist.; mkd. T 22 S R 11 E S 5 B T.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Land, nearly level and gently rolling, draining W. and NW. into a main wash, which drains northerly; outcroppings of blue limestone and shale formation.

Soil, white sandy loam and gravelly in places, about 8 ins. deep on tops and slopes, and 4 ft. deep in bottoms of draws, lying on varied colored clay subsoil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, bud and black sagebrush.

Grazing, a fair growth of gramma grass.

N.89°54'E., on a random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 3, 4, 9, 10.

Thence,

S.89°56'W., on a true line bet. secs. 4 and 9.

Asc. gradually 35 ft., over gently rolling bottom of hollow, through scattering timber and undergrowth.

5.60 Leave bottom of hollow, bears NW. and SE.; asc. abrupt NE. slope 150 ft.

10.00 Top of nearly perpendicular and broken limestone ledge or E. rim of bench or mesa, 35 ft. high, bears NW. and SE.; asc. 30 ft., over rolling top.

13.70 Top of ascent, bears NW. and SE.; desc. gradually 30 ft., over SW. slope.

23.60 Draw, heads SE. about 12 chs. dist., drains northwesterly; asc. gradually 25 ft.

31.00 Top of ascent, bears NW. and SE.; desc. gradually 10 ft., over SW. slope to

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 2½ ft. high, for ¼ sec. cor., with brass cap mkd.

S4
S9
1934

from which

A pinon pine, 8 ins. diam., bears N.12°00'E., 20 lks. dist., mkd. ¼ S 4 B T.

A pinon pine, 6 ins. diam., bears S.56°00'E., 38 lks. dist., mkd. ¼ S 9 B T.

41.90 E. rim of gulch, 10 ft. below ¼ sec. cor., bears N. and S.; precipitous descent of 185 ft., over W. slope.

51.60 Wash, 30 lks. wide, 4 ft. deep, in bottom of gulch, heads

830

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

SE. approximately 20 chs. dist., drains northerly; steep ascent of 140 ft.

57.70 W. rim of gulch, bears NW. and SE.; asc. gradually 5 ft.

58.60 Spur, slopes N. about 1 ch. dist.; desc. abruptly 60 ft.

61.60 Draw, heads SW. about 15 chs. dist., drains N. about 10 chs. into a main wash, thence northerly; asc. abruptly 75 ft.

66.10 Top of ascent, bears NW. and SE.; desc. gradually 5 ft., along S. slope to

80.02 The cor. of secs. 4, 5, 8, and 9.

Land, gently rolling bottom of hollow, E. 5.60 chs.; rolling and broken NE. slope and top of bench or mesa, W. 70.00 chs.; general drainage northerly; outcroppings and perpendicular rims of blue limestone and some shale formation.

Soil, white sand and sandy loam, gravelly and rocky in places, about 8 ins. deep on tops and slopes and several ft. deep in bottoms, lying on a varied colored clay sub-soil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, bud and black sagebrush.

Grazing, a fair growth of gramma grass.

N.0°01'E., on a random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.07 Intersect the N. bay. of the Tp., 5 lks. E. of the cor. of secs. 4, 5, 32, and 33, hereinbefore described.

Thence,

S.0°01'E., on a true line bet. secs. 4 and 5.

Over nearly level and gently rolling bottom of hollow, through scattering undergrowth; asc. gradually 15 ft.

16.30 Wash, 50 lks. wide, 3 ft. deep, drains northwesterly.

30.40 Same wash, 50 lks. wide, 3 ft. deep, drains northeasterly; steep ascent of 60 ft.

31.20 Top of perpendicular and broken limestone ledge or S. rim of hollow, 55 ft. high, bears NE. and SW.; enter a medium heavy growth of timber, bears NE. and SW.; asc. gradually 45 ft., over N. slope to

40.07 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S5 | S4

1934

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

from which

A cedar limb, 5 ins. diam., bears S.43°45'E., 48 lks. dist., mkd. $\frac{1}{4}$ S-4 B T.

A pinon pine, 10 ins. diam., bears N.47°45'W., 23 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S-5 B T.

- 46.70 W. edge of bench or mesa, 70 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SW.; desc. gradually 55 ft., along SW. slope.
- 51:70 Head of draw, drains NW.; asc. 25 ft., along NW. slope.
- 66.70 W. edge of bench or mesa, bears NW. and SE.; asc. 5 ft.
- 69.70 Head of draw, drains NW.; asc. abruptly 120 ft., along NW. slope.
- 74.10 W. edge of bench or mesa, bears NE. and SW.; desc. gradually 5 ft., over S. slope to
- 80.07 The cor. of secs. 4, 5, 8, and 9.

Land, nearly level and gently rolling bottom of hollow, N. 30.40 chs.; rolling and broken W. edge of bench or mesa, with rough and steep slopes, outcroppings, perpendicular rims, surface rock, of blue limestone formation, S. 49.67 chs.

Soil, red sandy loam, several ft. deep, lying on a clay subsoil, 1st. and 2nd. rate, N. 30.40 chs.; red sand and white sandy loam, about 6 ins. to 2 ft. deep, lying on bedrock, S. 49.67 chs., 2nd. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, bud and black sagebrush.

Grazing, a fair to good growth of gramma and bunch grass.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., heretofore described in the official record of the survey of T. 23 S., R. 11 E., Group No. 198.

N.0°03'W., bet. secs. 31 and 32.

Over gently rolling land, through scattering timber and medium dense short undergrowth; asc. 5 ft., over S. slope.

- 2.50 Top of ascent, bears E. and W.; desc. gradually 5 ft.
- 5.00 Swale, heads NW. about 30 chs. dist., drains southeasterly; asc. gradually 15 ft.
- 15.00 Top of ascent, bears NW. and SE.; gradual descent of 10 ft. to $\frac{1}{4}$ sec. cor., over NE. slope.
- 36.00 Leave timber.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

331 832

1934

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

bearing
from which

A cedar, 6 ins. diam., bears S. 86°30'E., 567
lks. dist., mkd. $\frac{1}{4}$ S. 32 B. T.

A cedar, 5 ins. diam., bears S. 2°15'W., 381
lks. dist., mkd. $\frac{1}{4}$ S. 31 B. T.

Continue descent of 15 ft., over NE. slope.

48.60 Wash, 12 lks. wide, 3 ft. deep, in bottom of swale, drains
southeasterly; asc. general S. slope 45 ft. to sec. cor.

76.80 Wash, 20 lks. wide, 3 ft. deep, drains SW, about 12 chs.
dist. into a main wash.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 29, 30, 31, and 32, with
brass cap mkd.

T22S	R11E
S30	S29
S31	S32

1934

from which

A pinon pine limb, 10 ins. diam., bears N. 24°15'E., 810
lks. dist., mkd. T 22 S R 11 E S 29 B T.

A cedar limb, 3 ins. diam., bears S. 12°45'E., 208
lks. dist., mkd. B T.

A cedar limb, 5 ins. diam., bears S. 83°00'W., 273
lks. dist., mkd. T 22 S R 11 E S 31 B T.

A pinon pine, 8 ins. diam., bears N. 49°30'W., 363
lks. dist., mkd. T 22 S R 11 E S 30 B T.

Land, rolling, gently rolling, and nearly level, draining
southeasterly; outcroppings of yellow sandstone, yellow
shale, and volcanic formation.

Soil, deep red sandy loam in bottoms, 1st. rate; red
sand, about 3 to 12 ins. deep, lying on a yellow or brown
clay mixed with shale, on tops and slopes, 2nd. to 3rd.
rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, bud sagebrush, yellow top; dense
greasewood and black sagebrush along bottoms.

Grazing, a fair to good growth of gramma and bunch grass.

N89°59'E., on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
28, 29, 32, and 33.

Thence,

S. 89°58'W., on a true line bet. secs. 29 and 32.

Over rolling land, through a medium heavy growth of timber

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

and scattering undergrowth; asc. 65 ft., along S. slope.

- 18.30 Slope changes from S. to NE.; begin abrupt ascent of 70 ft.
- 23.80 Spur, projects SE. about 5 chs. dist.; desc. abruptly 50 ft.
- 28.80 Base of abrupt descent, bears NW. and SE.; desc. gradually 15 ft., over nearly level land to
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S29
+
S32
1934

from which

A pinon pine, 16 ins. diam., bears S.71°48'W., 144 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

A pinon pine, 11 ins. diam., bears N.19°30'W., 121 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

Continue descent of 30 ft. to sec. cor., over nearly level and gently rolling land.

- 48.70 Leave timber, bears NW. and SE.
- 75.30 Wash, 25 lks. wide, 3 ft. deep, drains southwesterly.
- 79.98 The cor. of secs. 29, 30, 31, and 32.

Land, rough, rolling, and broken, to 28.80 chs.; nearly level and gently rolling, remainder of mile; general drainage to the SE.; red, yellow, and light colored sandstone, blue limestone, and red shale outcroppings.

Soil, red sand and sandy loam, shallow and mixed with red shale, on tops and slopes, and several ft. deep, on nearly level and gently rolling land, lying on a clay subsoil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, service berry bushes, yellow top, bud and black sagebrush.

Grazing, a fair to good growth of gramma and bunch grass.

S.89°59'W., on a random line bet. secs. 30 and 31.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.09 Intersect the W. bdy. of the Tp., 2 lks. S. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins. in diam., extending 18 ins. above ground, firmly set in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, correctly marked, and witnessed as described in the official record of the survey of T. 22 S., R. 10 E., Group No. 124.

Thence,

East, on a true line bet. secs. 30 and 31.

Chains

antid

- Over rough and broken top of bench or mesa, through a medium growth of timber and scattering undergrowth; asc. gradually 15 ft., over W. slope.
- 6.90 Top of nearly perpendicular sandstone and conglomerate ledge or E. rim of bench or mesa, 70 ft. high, bears W. about 10 chs. dist., thence easterly, and southeasterly about 50 chs. dist., thence southwesterly; precipitous descent of 145 ft., over E. slope.
- 10.80 Base of abrupt descent, bears NW. and SE.; desc. 90 ft. to $\frac{1}{4}$ sec. cor., over gently rolling and nearly level land.
- 16.10 Leave timber, bears NE, and SE.
- 38.09 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S30
S31
1934.

from which

A cedar limb, 5 ins. diam., bears S.20°30'W., 1033 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

There are no trees available in sec. 30; therefore, at the base of the monument, I deposit a sandstone conglomerate rock, 7x5x1 ins. marked with a cross (X).

- 47.90 Wash, 30 lks. wide, 5 ft. deep, in bottom of swale, 15 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. 10 ft., over general W. slope to sec. cor.
- 56.80 Wash, 30 lks. wide, 5 ft. deep, drains southeasterly.
- 71.30 Enter a medium heavy growth of timber, bears NW. and SE.
- 75.30 Leave timber, bears NE. and SW.
- 78.09 The cor. of secs. 29, 30, 31, and 32.

Land, rough and broken top and E. slope of bench or mesa, W. 10.80 chs.; gently rolling and nearly level, remainder of mile; general drainage SE.; perpendicular rim and outcroppings of yellow sandstone, yellow shale, and volcanic formation.

Soil, red sand, shallow and mixed with shale on tops and slopes, 4th. rate; red sandy loam, several ft. deep, in the bottom of swale and on nearly level and rolling land, 1st. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, bud sagebrush, and yellow top; dense greasewood and sagebrush along bottom of swale.

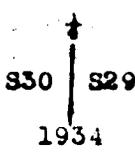
Grazing, a fair to good growth of gramma and bunch grass.

N.0°03'W., bet. secs. 29 and 30.

Over nearly level and gently rolling land, through scattering undergrowth; asc. 125 ft., over general S. slope to $\frac{1}{4}$ sec. cor.

Chains

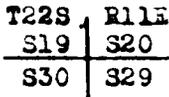
- 9.50 Enter a heavy growth of timber, bears SE. and SW.
- 11.60 Wash, 10 lks. wide, 1 ft. deep, heads N.5°E. about 30 chs. dist., drains SE. about 4 chs. dist. into a main wash.
- 33.20 Leave a heavy growth of timber, and enter scattering, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for sec. cor., with brass cap mkd.



from which

- A pinon pine limb, 4 ins. diam., bears N.45°00'E., 51 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.
- A pinon pine, 6 ins. diam., bears N.69°45'W., 101 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

- 42.40 Leave nearly level and gently rolling land, bears NW. and SE.; precipitous ascent of 210 ft., over S. slope.
- 50.50 Top of perpendicular and broken sandstone ledge or S. rim of bench or mesa, 40 ft. high, bears NW. about 17 chs. dist., thence southwesterly, and SE. about 10 chs. dist., thence northeasterly; asc. 75 ft., over rough and broken top.
- 58.90 Top of bench or mesa, bears E. and W.; desc. 20 ft., over top.
- 65.90 Head of draw, drains SE. about 8 chs. dist. to rim; asc. gradual S. slope 5 ft. to
- 69.50 S. rim of gulch, bears NW. and SE. about 6 chs. dist.; desc. 100 ft., over NE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) on surface rock, and in a mound of stone, 5 ft. base, 3 ft. high, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.



1934

from which

- A pinon pine, 6 ins. diam., bears N.46°45'E., 73 lks. dist., mkd. T 22 S R 11 E S 20 B T.
- A pinon pine, 9 ins. diam., bears S.35°00'E., 61 lks. dist., mkd. T 22 S R 11 E S 29 B T.
- A pinon pine, 8 ins. diam., bears S.76°30'W., 102 lks. dist., mkd. T 22 S R 11 E S 30 B T.
- A pinon pine, 5 ins. diam., bears N.63°00'W., 60 lks. dist., mkd. T 22 S R 11 E S 19 B T.

Land, nearly level and gently rolling, S. 42,40 chs.; steep and rugged slopes of bench or mesa, E. 37.60 chs.; outcroppings, large boulders, and broken and perpendicular ledges of gray, white, brown, yellow, and red colored

SUBDIVISION OF T. 22 N., R. 11 E.

Chains

and S 20

sandstone, volcanic stone, and shale formation; general drainage to the SE.

Soil, red sand and sandy loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock, 1st. to 2nd. rate, on S. 42.40 chs.; shallow red sand, rocky or mixed with shale, lying on shale or on bedrock, 4th. rate, on N. 37.60 chs.

Timber, cedar and pinon pine.

Undergrowth, shadscale, service berry bushes, black brush, yellow top, bud and black sagebrush.

Grazing, scattering to a good growth of gramma and bunch grass.

N. 89° 58' E., on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 20, 21, 28, and 29.

Thence,

S. 89° 59' W., on a true line bet. secs. 20 and 29.

Over rolling land, through a medium growth of timber and scattering undergrowth; asc. gradually along S. slope 15 ft.

10.80 Leave rolling land, bears NE. and SW.; asc. steep SE. slope 295 ft.

25.80 Top of nearly perpendicular and broken sandstone ledge or E. rim of bench or mesa, 70 ft. high, bears N. 25° E., about 15 chs. dist., thence easterly, and SW. approximately 10 chs. dist., thence southeasterly; asc. 10 ft., over rolling, broken, and rough top to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 2 ft. base, 1 ft. high, for 1/4 sec. cor., with brass cap mkd.

S20
S29
1934

from which

A pinon pine limb, 10 ins. diam., bears N. 45° 15' E., 11 lks. dist., mkd. 1/4 S 20 B.T.

A pinon pine, 6 ins. diam., bears S. 50° 15' W., 66 lks. dist., mkd. 1/4 S 29 B.T.

44.20 Head of draw, 10 ft. below 1/4 sec. cor., drains NW. about 9 chs. dist. to rim of bench or mesa; asc. gradually 35 ft.

66.90 Spur, slopes S. about 1 ch. dist.; desc. gradually 10 ft.

69.50 N. rim of gulch, bears N. 80° W. and S. 80° E.; desc. gradually 40 ft.

71.90 Gulch, drains SE. about 8 chs. dist. to rim of bench or

47
SUBDIVISION OF T. 22 S., R. 11 E.

Chains

mesa; asc. gradually 20 ft., over NE. slope to

80.00 The cor. of secs. 19, 20, 29, and 30.

Land, rolling and gently rolling, E. 10.80 chs.; steep, broken, rough, and rolling top and slopes of bench or mesa, W. 69:20 chs.; general drainage to the SE.; outcroppings; large boulders, broken and perpendicular ledges of varied colored sandstone and red shale formation. Surface rock on top of bench or mesa.

Soil, red sandy loam several ft. deep, lying on a varied colored clay subsoil or on bedrock, 1st. rate, E. 10.80 chs.; shallow sand rocky or mixed with shale, lying on bedrock, 3rd. to 4th. rate, W. 69.20 chs.

Timber, cedar and pinon pine.

Undergrowth, shadscale; service berry bushes, black brush, yellow top, bud and black sagebrush.

Grazing, scattering to a good growth of gramma and bunch grass.

West, on a random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.04 Intersect the W. bdy. of the Tp., 4 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. in diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 22 S., R. 10 E., Group No. 124.

Thence,

S:89°58'4", on a true line bet. secs. 19 and 30.

Over rough and broken land, through a medium growth of timber and scattering undergrowth; desc. 10 ft., over E. slope.

1.60 Draw, drains S.; asc. abruptly 55 ft.

7.60 Top of broken and nearly perpendicular sandstone ledge or W. rim of bench or mesa, 40 ft. high, bears N.85°W. and SW. about 12 chs. dist.; asc. 90 ft., over rugged W. slope.

17.60 Top of bench or mesa, bears N.5°W. and S. about 10 chs. dist., thence southwesterly; desc. 20 ft., over nearly level top.

22.50 Top of broken and nearly perpendicular sandstone ledge or E. rim of bench or mesa, 85 ft. high, bears N.5°W. about 20 chs. dist., thence northeasterly, and S. about 10 chs. dist., thence southwesterly; precipitous descent of 160 ft., over E. slope.

27.60 Base of abrupt descent, bears N. and S.; desc. gradually 25 ft., over nearly level and gently rolling land to $\frac{1}{4}$ sec. cor.

28.80 Leave timber, bears N. and S.

38.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

S19
S30
1934

from which

A pinon pine limb, 12 ins. diam., bears N.69°00'E.,
755 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

A cedar limb, 6 ins. diam., bears S.82°00'W.,
564 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

- 38.60 Wash, 30 lks. wide, 6 ft. deep, in bottom of swale, 5 ft. below $\frac{1}{4}$ sec. cor., heads N. approximately 35 chs. dist., drains southeasterly; asc, gradually 35 ft.
- 49.50 Enter a medium heavy growth of timber, bears NW. and SE.
- 53.00 Top of ascent, bears NE. and SW.; desc. gradually 25 ft.
- 58.40 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, heads NE. approximately 10 chs. dist., drains SW.; asc. 50 ft., over W. slope.
- 62.00 Leave nearly level and gently rolling land, bears N. and SW.; steep ascent of 100 ft., over W. slope.
- 64.90 Top of broken and nearly perpendicular sandstone ledge or W. rim of bench or mesa, 35 ft. high, bears N. and SW.; continue abrupt ascent of 35 ft., over series of small ledges, bearing N. and S.
- 67.40 Begin gradual ascent of 10 ft.
- 71.60 Top of ascent, bears NW. about 15 chs., dist. and SE.; desc, gradually 45 ft., over NE. slope to
- 78.04 The cor. of secs. 19, 20, 29, and 30

Land, rough and broken, W. 27.60 chs., and E. 16.04 chs.; nearly level and gently rolling bottom of swale, remainder of mile; outcroppings, large boulders, and broken and perpendicular ledges of varied colored sandstone, red and gray sandstone conglomerate, and shale. Surface rock exposed on tops and slopes of benches or mesas.

Soil, red sandy loam, several ft. deep, lying on a varied colored clay subsoil or on bedrock, 1st. rate, in bottom of swale and on gently rolling land; shallow red sand, lying on a clay subsoil, shale or on bedrock, 2nd. to 4th. rate, on tops and slopes of benches or mesas.

Timber, cedar and pinon pine.

Undergrowth, shadscale, service berry bushes, black brush yellow top, bud and black sagebrush.

Grazing, scattering to a good growth of gramma and bunch grass.

N.0°03'W., bet. secs. 19 and 20.

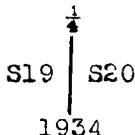
Over rough and broken top of bench or mesa, through a medium growth of timber, and scattering undergrowth; desc. 15 ft., over NE. slope.

- 3.00 Gulch, heads NW. about 5 chs. dist., drains SE.; asc.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

- gradually 30. ft. to
- 5.10 N. rim of gulch, bears NW. and SE.; asc. gradually 30 ft.
- 11.80 Top of ascent, bears NW. and SE.; gradual descent of 50 ft., over N. slope.
- 12.60 N. rim of bench or mesa, bears N.10°E. about 8 chs. dist., thence southeasterly, and W. about 7 chs. dist., thence northwesterly; desc. 410 ft., over steep, rough, and broken N. slope.
- 28.50 Head of draw, drains NW.; asc. gradually 10 ft.
- 29.50 Spur, projects NW. about 7 chs. dist.; abrupt descent of 95 ft., over NE. slope.
- 36.70 Draw, heads SE. approximately 7 chs. dist., drains NW.; asc. gradually 10 ft., over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for. $\frac{1}{4}$ sec. cor., with brass cap mkd.

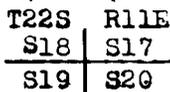


from which

A pinon pine, 8 ins. diam., bears S.83°00'E., 57½ lks. dist., mkd. $\frac{1}{4}$ S.20 B T.

A pinon pine, 9 ins. diam., bears S.77°00'W., 10 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

- 40.30 Spur, 5 ft. above $\frac{1}{4}$ sec. cor., projects NW. approximately 8 chs. dist.; desc. abruptly 55 ft.
- 44.70 Wash, 15 lks. wide, 2 ft. deep, in bottom of draw, drains northwesterly; gradual ascent of 40 ft.
- 48.60 Spur, projects northwesterly; desc. N. slope 50 ft.
- 54.60 Draw, drains NE. approximately 7 chs. dist. into a main wash; gradual ascent of 15 ft., over SE. slope.
- 59.30 Spur, slopes NE. about 1 ch. dist.; desc. gradually 65 ft., over NW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.



1934

from which

A pinon pine, 10 ins. diam., bears N.14°00'E., 257 lks. dist., mkd. T-22 S R 11 E S 17 B T.

A pinon pine, 12 ins. diam., bears S.68°15'E., 77 lks. dist., mkd. T 22 S R 11 E S 20 B T.

A pinon pine, 10 ins. diam., bears S.26°45'W., 193 lks. dist., mkd. T 22 S R 11 E S 19 B T.

50

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

A pinon pine limb, 5 ins. diam., bears $N. 61^{\circ} 45' W.$, 33 lks. dist., mkd. T 22 S R 11 E S 18 B T.

Land, rough and broken top of bench or mesa with steep N. slope, S. 28.50 chs.; rough, rolling, and broken, N. 51.50 chs.; general drainage SE., S. 11.80 chs.; remains of mile, drains generally to the NE.; outcroppings, surface rock, large boulders, broken and perpendicular ledge of blue limestone, red shale, and varied colored sandstone and conglomerate formation.

Soil, red sand and sandy loam, rocky or mixed with shale, about 3 ins. to 3 ft. deep, lying on a clay subsoil, shale or on bedrock, 2nd. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, service-berry bushes, black brush mountain rush, yellow top, bud and black sagebrush.

Grazing, scattering to a good growth of gramma and bunch grass.

$N. 89^{\circ} 59' E.$, on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 5 lks. S. of true point for corner of secs. 16, 17, 20, and 21.

Thence,

$S. 89^{\circ} 57' W.$, on a true line bet. secs. 17 and 20.

Over rolling, rough, and broken land, through scattering timber and undergrowth; desc. gradually 10 ft., over bottom of hollow.

1.20 Wash, 30 lks. wide, 2 ft. deep, drains N.

2.00 Leave bottom of hollow, bears N. and S.; asc. abruptly 70 ft., over E. slope.

6.00 Spur, projects N. approximately 10 chs. dist.; steep descent of 90 ft.

8.90 Wash, 15 lks. wide, 4 ft. deep, in bottom of draw, drains N.; asc. abruptly 90 ft.

13.70 Spur, projects $N. 25^{\circ} E.$ approximately 15 chs. dist.; desc. 115 ft., over abrupt W. slope.

17.00 Draw, heads SW. approximately 5 chs. dist., drains NE. about 30 chs. dist., thence northwesterly; asc. abruptly 75 ft.

21.90 Spur, slopes N. about 5 chs. dist., thence forks, to the NE. about 5 chs. dist., and to the NW. about 5 chs. dist. steep descent of 75 ft.

26.70 Head of draw, drains N.; asc. gradually 15 ft.

31.70 Spur, projects N. about 8 chs. dist.; desc. 70 ft., over abrupt W. slope.

34.00 Draw, drains N.; steep ascent of 70 ft.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

39.10 Spur, projects NE. about .7 chs. dist.; desc. abruptly 15 ft. to

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S17
—
S20
1934

from which

A pinon pine, 10 ins. diam., bears N.69°30'E., 67 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

A pinon pine, 6 ins. diam., bears S.14°15'W., 48 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

40.60 Draw, 15 ft. below $\frac{1}{4}$ sec. cor., heads S. about 3 chs. dist., drains N.; asc. abruptly 40 ft., over E. slope.

43.50 Spur, projects N. approximately 8 chs. dist.; desc. abruptly 90 ft.

45.20 Head of draw, drains NW.; asc. 5 ft., over NE. slope.

46.20 Spur, projects NW. about 9 chs. dist.; desc. 15 ft. to

49.40 Base of spur, bears NW. and SW.; desc. gradually 15 ft., over rolling land,

56.10 Wash, 30 lks. wide, 3 ft. deep, heads SE. about 30 chs. dist., drains NW. about 5 chs. dist. into a main wash.

59.70 Wash, 40 lks. wide, 5 ft. deep, in bottom of draw, drains northerly; asc. gradually 10 ft., over E. slope.

69.90 Wash, 20 lks. wide, 3 ft. deep, drains N.

78.30 Top of ascent, bears N. and S.; desc. gradually 5 ft., over NW. slope to

79.94 The cor. of secs. 17, 18, 19, and 20.

Land, rolling, rough, and broken, with outcroppings and boulders of varied colored sandstone, yellow volcanic stone, blue limestone, and shale formation; drainage generally to the N.

Soil, rocky or gravelly red sand, about 3 to 6 ins. deep, lying on a yellow or brown clay subsoil, shale or on bedrock on tops and slopes; deep red sand and sandy loam, lying on bedrock in bottoms. 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, service berry bushes, buck brush, and mountain push.

Grazing, sparse to scattering growth of gramma and bunch grass.

N.89°58'W., on a random line bet, secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SURDIVISION OF T. 22 S., R. 11 E.

Chains

- 77.91 Intersect the W. bdy. of the Tp., 2 lks. S. of the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 in. in diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 22 S., R. 10 E., Group No. 124.
- Thence,
- S.89°57'E., on a true line bet. secs. 18 and 19.
- Over rolling and broken land, through a medium growth of timber and scattering undergrowth; desc. 70 ft., over abrupt NE. slope.
- 8.30 Draw, drains NE.; asc. 10 ft., over NW. slope.
- 9.50 Spur, projects NE. about 5 chs. dist.; desc. gradually 10 ft.
- 14.20 Head of draw, drains NE.; asc. 5 ft.
- 17.90 Spur, projects NE. approximately 6 chs. dist.; desc. 45 ft.
- 21.60 A main wash, 15 lks. wide, 2 ft. deep, in bottom of swale drains northeasterly; asc. 45 ft.
- 25.30 Spur, projects NE. approximately 15 chs. dist.; desc. abruptly 65 ft.
- 27.50 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains NE. about 10 chs. dist. into a main wash; asc. 70 ft., over abrupt SE. slope.
- 29.90 Wash, 20 lks. wide, 3 ft. deep, drains northeasterly.
- 34.80 Wash, 20 lks. wide, 2 ft. deep, heads SE. about 25 chs. dist., drains northerly.
- 37.20 W. edge of bench, bears NE. and S. about 15 chs. dist.; asc. gradually 5 ft., over top to
- 37.91 On top of bench, bearing N. and S., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S18}{S19}$
 1934

from which

A pinon pine, 9 ins. diam., bears N.73°15'E., 38 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A pinon pine, 7 ins. diam., bears S.30°45'E., 85 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

- 39.80 E. edge of bench, bears N. and S.; desc. 110 ft., over abrupt E. slope.
- 62.70 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains N.; asc. 10 ft.
- 68.60 Top of ascent, bears N. and S.; desc. gradually 15 ft., over E. slope.
- 73.90 Wash, 20 lks. wide, 3 ft. deep, in bottom of a main draw,

Chains

drains northerly; asc. gradually 5 ft., over NW. slope to

77.91 The cor. of secs. 17, 18, 19, and 20.

Land, rolling and broken, with outcroppings and boulders of varied colored sandstone and some yellow volcanic stone, blue limestone, and shale formation; general drainage northeasterly, $\frac{1}{2}$ mile; and E. $\frac{1}{2}$ mile, drains NE. into a main wash, draining northerly.

Soil, rocky or gravelly red sand, about 3 to 6 ins. deep, lying on a yellow or brown clay subsoil or on bedrock on tops and slopes; deep red sand and sandy loam, lying on bedrock in bottoms. 1st. to 4th. rate.

Timber, cedar and pinon pines.

Undergrowth, shade scale, yellow top, service berry bushes, buck brush, and mountain rush.

Grazing, sparse to scattering growth of grass and bunch grass.

N.0°03'W., bet. secs. 17 and 18.

Over rolling land, through a medium growth of timber and scattering undergrowth; desc. gradually 45 ft.

27.20 Wash, 20 lks. wide, 4 ft. deep, in bottom of swale, drains northeasterly; asc. gradually 10 ft.

35.00 Low spur, projects N.; desc. gradually 5 ft., along to $\frac{1}{4}$ sec. cor.

38.30 Leave timber, bears NE. and NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap and.

S18 | S17

1934

from which

A pinon pine, 7 ins. diam., bears N.47°45'W., 114 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

A pinon pine, 8 ins. diam., bears N.79°15'W., 275 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

63.00 Leave top of spur, 45 ft. below $\frac{1}{4}$ sec. cor.; slopes NE. about 4 chs. dist.; desc. gradually 20 ft.

63.90 Enter a medium heavy growth of timber, bears SE. and SW.

68.70 Wash, 30 lks. wide, 5 ft. deep, drains northeasterly.

74.40 Wash, 10 lks. wide, 3 ft. deep, in bottom of swale, drains E. about $2\frac{1}{2}$ chs. dist. into a main wash; asc. gradually 10 ft., over S. slope to sec. cor.

77.10 Leave timber, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in

SUBDIVISION OF T. 22 S., R. 11 E

Chains

the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.

T22S	R11E
S7	S8
S18	S17

1934

from which

A pinon piñe, 5 ins. diam., bears N.34°30'E., 594½ lks. dist., mkd. T 22 S R 11 E S 8 B T.

A cedar, 10 ins. diam., bears S.23°45'E., 845 lks. dist., mkd. T 22 S R 11 E S 17 B T.

A cedar, 12 ins. diam., bears S.78°45'W., 338 lks. dist., mkd. T 22 S R 11 E S 18 B T.

A pinon pine, 13 ins. diam., bears N.35°45'W., 254 lks. dist., mkd. T 22 S R 11 E S 7 B T.

Land, rolling and gently rolling, draining generally to the N. and NE.; outcroppings of limestone formation.

Soil, red sand and sandy loam, varying in depth from about 4 ins. to several ft., lying on a yellow or brown clay subsoil or on bedrock; 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, and service berry bushes.

Grazing, a fair to good growth of gramma grass.

N.89°57'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

79.93 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16, and 17.

Thence,

S.89°56'W., on a true line bet. secs. 8 and 17.

Over rolling land, through a medium growth of timber and scattering undergrowth; desc. 65 ft., along SW. slope.

16.00 Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, heads SE. about 2½ chs. dist., drains northwesterly; asc. gradually 5 ft.

17.30 Top of ascent, bears N. and S.; desc. 90 ft., over abrupt W. slope.

30.10 Wash, 50 lks. wide, 3 ft. deep, in bottom of draw, drain northwesterly; asc. abruptly 65 ft.

35.10 Top of ascent, bears N. and S.; desc. gradually 5 ft., over W. slope to

39.965 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4½ ft.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S8}{S17}$
 1934

from which

A pinon pine, 10 ins. diam., bears N.68°30'E., 308 lks. dist., mkd. $\frac{1}{4}$ S. 8 B T.

A pinon pine, 6 ins. diam., bears S.34°30'E., 179 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

52.20 Wash, 40 lks. wide, 5 ft. deep, in bottom of swale, 60 ft. below $\frac{1}{4}$ sec. cor., drains N. about 4 chs. dist. into a main wash, thence NE.; asc. gradually 20 ft., over E. slope.

60.00 Top of ascent, bears N. and S.; desc. 20 ft.

66.70 Wash, 90 lks. wide, 4 ft. deep, in bottom of swale, drains easterly about 10 chs. dist., thence northeasterly; asc. 70 ft., along S. slope to

79.93 The cor. of secs. 7, 8, 17, and 18.

Land, rolling and gently rolling, draining generally to the N. and NE.; outcroppings of blue limestone formation.

Soil, red sand and sandy loam, varying in depth from about 4 ins. to several ft., lying on a yellow or brown clay subsoil or on bedrock, 1st. to 2nd. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, mountain rush, and service berry bushes.

Grazing, a fair to good growth of gramma grass.

N.89°57'W., on a random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.01 Intersect the W. bdy. of the Tp., 2 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. in diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record of the survey of T. 22 S., R. 10 E., Group No. 124.

Thence,

S.89°56'E., on a true line bet. secs. 7 and 18.

Over rolling and gently rolling land, through scattering timber and undergrowth; desc. gradually 25 ft., over E. slope.

15.60 Wash, 25 lks. wide, 2 ft. deep, in bottom of draw, drains N.; asc. gradually 10 ft.

20.60 Top of ascent, bears N. and S.; desc. gradually 15 ft. to

38.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

50

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

S7
S18
1934

from which

- A pinon pine, 5 ins. diam., bears N.79°45'E., 353 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
 - A cedar limb, 6 ins. diam., bears S.59°30'E., 320 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
 - 41.31 Wash, 30 lks. wide, 3 ft. deep, drains N.
 - 43.00 Head of swale, 5 ft. below $\frac{1}{4}$ sec. cor., drains northwesterly; gradual ascent of 20 ft.
 - 43.00 Top of ascent, bears N. and S.; desc. gradually 20 ft., along general S. slope to
 - 78.01 The cor. of secs. 7, 8, 17, and 18.
- Land, rolling and gently rolling, draining northerly; outcroppings of yellow, and light colored sandstone and blue limestone formation.
- Soil, red sand and sandy loam; about 3' to several ft. deep, lying on a clay subsoil or on bedrock, 1st. to 2nd. rate.
- Timber, scattering patches of cedar and pinon pine.
- Undergrowth, shadscale, yellow top, and mountain rush.
- Grazing, a good growth of gramma grass.

N.0°03'W., bet. secs. 7 and 8.

Over rolling and gently rolling land, through scattering undergrowth; asc. gradually 30 ft., over S. slope.

- 20.00 Top of ascent, bears E. and W.; desc. gradually 5 ft.
- 24.40 Draw, heads W. about 5 chs. dist., drains easterly; asc. gradually 25 ft.
- 29.40 Top of knoll, bears E. about 2 chs. dist. and W. about 6 chs. dist.; enter a medium growth of timber, bears SE. and SW.; gradual descent of 10 ft.
- 32.10 Draw, heads NW: about 5 chs. dist., drains southeasterly; asc. abruptly 80 ft., over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, mkd.

S7 | S8
↑
1934

from which

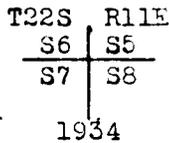
- A pinon pine, 5 ins. diam., bears N.49°15'E., 115 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

A pinon pine limb, 6 ins. diam., bears S.31°15'W., 84 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

- 40.50 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., slopes E. about 4 chs. dist.; abrupt descent of 170 ft., over N. slope.
- 47.80 Base of abrupt descent, bears E. and W.; leave timber, bears E. and W., and enter opening; desc. gradually 30 ft.
- 52.80 Enter a heavy growth of timber, bears SE. and SW.
- 55.20 Head of draw, drains NE. about 5 chs. dist. into a main draw, thence northerly; asc. gradually 15 ft.
- 57.80 Top of ascent, bears NE. and SW.; desc. gradual N. slope 30 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone, 2 ft. base, 1 ft. high, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.



from which

- A pinon pine, 5 ins. diam., bears N.12°45'E., 184 lks. dist., mkd. T 22 S R 11 E S 5 B T.
- A pinon pine, 5 ins. diam., bears S.71°45'E., 83 lks. dist., mkd. T 22 S R 11 E S 8 B T.
- A cedar limb, 4 ins. diam., bears S.75°00'W., 200 lks. dist., mkd. T 22 S R 11 E S 7 B T.
- A cedar, 6 ins. diam., bears N.62°30'W., 337 lks. dist., mkd. T 22 S R 11 E S 6 B T.

Land, rolling and gently rolling, except rough, broken, and hilly from 29.40 chs. to 47.80 chs.; outcroppings of shale and blue limestone on hilly portions; some light and yellow sandstone on remainder of mile; general drainage to the NE.

Soil, red sand and sandy loam, shallow on tops and slopes, 1 to 3 ft. deep in bottoms of draws, lying on a clay sub-soil or on bedrock, 2nd. to 4th. rate.

Timber, scattering and patches of cedar and pinon pine.

Undergrowth, shadscale, yellow top, and mountain rush.

Grazing, a good growth of gramma grass.

N.89°56'E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 4, 5, 8, and 9.

Thence,

S.89°57'W., on a true line bet. secs. 5 and 8.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

Desc. 5 ft., over rolling top of bench or mesa, through heavy growth of timber and scattering undergrowth.

5.00 W. rim of bench or mesa, bears NE. and SW.; precipitous descent of 180 ft., over W. slope.

17.30 Wash, 75 lks. wide, 3 ft. deep, in bottom of hollow, drain northeasterly; asc. gradually 25 ft., over nearly level bottom.

25.50 Leave bottom of hollow, bears NE. and SW.; steep ascent of 145 ft., over SE. slope.

30.80 E. edge of bench or mesa, bears NE. and SW.; desc. 5 ft., over rolling top to

39.94 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S5}{S8}$
 1934

from which

A cedar, 6 ins. diam., bears S.10°15'W., 41 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

A cedar, 7 ins. diam., bears N.11°15'W., 31 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

Continue descent of 50 ft., over rolling top.

72.10 W. edge of bench or mesa, bears NW. and SE.; desc. SW. slope 35 ft.

74.50 Junction of two draws, one from SE. about 5 chs. dist. and one from SW., drains northwesterly; asc. 35 ft., over NW. slope to

79.88 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and gently rolling tops of benches or mesas, separated by a large hollow; drainage northeasterly; outcroppings of blue limestone; some surface rock on tops and slopes.

Soil, red sand and sandy loam, shallow on tops and slopes, and several ft. deep in bottom of hollow, lying on a clay subsoil or on bedrock, 1st. to 3rd. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top; shadscale; mountain rush, bud and black sagebrush.

Grazing, a fair to good growth of gramma grass.

N.89°56'W., on a random line bet. secs. 6 and 7.

40.00 Set temp $\frac{1}{4}$ sec. cor.

78.01 Intersect the W. bdy. of the Tp. at the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. in diam., extending 10 ins. above ground, firmly set, correctly marked, and witnessed as described in the official record.

SUBDIVISION OF T. 22 S., R. 11 E.

Chains

of the survey of T. 22 S., R. 10 E., Group No. 124.

Thence,

S.89°56'E., on a true line bet. secs. 6 and 7.

Over rolling and broken land, through a medium growth of timber and scattering undergrowth; asc. gradual SW. slope 25 ft.

- 7.50 Spur, projects E.; desc. 115 ft., along top.
- 19.50 Leave top of spur, slopes E.; desc. gradually 5 ft. to
- 22.50 Wash, 30 lks. wide, 2 ft. deep, in bottom of draw, drains northwesterly; asc. 10 ft. to $\frac{1}{4}$ sec. cor., over general W. slope.
- 31.80 A stock trail, bears N. and SE.
- 38.01 Set an iron post, 3 ft. long, $\frac{1}{2}$ in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{S6}{S7}$
 1934

from which

A pinon pine, 5 ins. diam., bears N.56°30'E., 161 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

A pinon pine, 6 ins. diam., bears S.64°15'E., 190 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

- 40.80 Top of ascent, 10 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW.; desc. gradually 35 ft.
- 50.00 Draw, drains northeasterly; asc. gradually 35 ft.
- 55.10 W. edge of draw, bears NE. and SW.; desc. steep E. slope 70 ft.
- 65.20 Wash, 50 lks. wide, 2 ft. deep, in bottom of draw, drains northeasterly; abrupt ascent of 60 ft.
- 66.00 Top of broken and nearly perpendicular limestone ledge or E. rim of draw, 50 ft. high, bears NE. and SW.; asc. gradually 15 ft.
- 68.20 Spur, slopes N. about 2 chs. dist.; desc. gradually 10 ft., over E. slope.
- 75.90 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains NW. approximately 15 chs. dist. into a main draw; asc. 5 ft., along gradual NW. slope to
- 78.01 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and broken, draining northeasterly; outcroppings of blue limestone and shale formation.

Soil, red sand and red sandy loam, about 6 ins. to 3 ft. deep, lying on a clay subsoil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, bud and black sagebrush.

SUBDIVISION OF T. 22 N., R. 11 E.

Chains

511210

Grazing, a fair to good growth of bunch and gramma grass

N.0°01'W., on a random line bet. secs. 5 and 6.

40:00 Set temp. $\frac{1}{4}$ sec. cor.

80:05 Intersect the N. bdy. of the Tp., 16 lks. E. of true point for cor. of secs. 5, 6; 31, and 32, hereinbefore describe

Thence,

S.0°08'E., on a true line bet. secs. 5 and 6.

Over rough and broken land, through a medium heavy growth of timber and scattering undergrowth; asc. gradually 55 ft., along steep W. slope.

21:10 Spur, slopes NW. about 5 chs. dist.; desc. abruptly 75 ft.

27:10 Wash, 50 lks. wide, 2 ft. deep, in bottom of hollow, drains NW. about 10 chs. dist., thence northeasterly; over level bottom.

35:20 Same wash, 50 lks. wide, 5 ft. deep, drains NE. about 2 $\frac{1}{2}$ chs. dist., thence northwesterly; asc. 65 ft., over abrupt NE. slope to

40:05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S6 S5
1934

from which

A pinon pine limb, 4 ins. diam., bears S.84°00'E., 40 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

A pinon pike, 5 ins. diam., bears S.58°30'W., 35 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

48:10 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., slopes NW. about 3 chs. dist.; desc. 75 ft., over abrupt SW. slope.

70:10 Wash, 20 lks. wide, 3 ft. deep, in bottom of draw, drains northwesterly; steep ascent of 65 ft. to

72:60 Begin more gradual ascent of 15 ft., over NW. slope to

80:05 The cor. of secs. 5, 6, 7, and 8.

Land, rough and broken, draining generally to the N.; outcroppings of blue limestone and shale formation.

Soil, red sand and sandy loam, shallow on tops and slopes several ft. deep in bottom of draw, lying on a clay sub-soil or on bedrock, 1st. to 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, shadscale, mountain rush, bud and black sagebrush.

Grazing, a fair growth of gramma grass.

GENERAL DESCRIPTION

This township is located on top of a plateau, called the San Rafael Swell, which forms part of an area in Emery County, Utah, known as Sinbad, and lies at an approximate elevation of 5000 to 6000 feet above sea level. In general the land on most all of the sections is nearly level, rolling, and gently rolling, and consists of swales, hollows, and draws, which are separated by benches. Many of the hollows and draws having large washes, may be called gulches, as they are very deep and bordered by high rims. There are three high mesas, one lying mostly in section 22 and the remaining small portion in the SW. $\frac{1}{4}$ of section 15 and E. $\frac{1}{4}$ NE. $\frac{1}{4}$ of section 21, one forming portions of sections 19, 20, 21, 29, and 30, and one covering approximately 200 acres in section 31, and a portion of lots 3 and 4 in section 30. These mesas are bordered by a nearly perpendicular sandstone ledge or rim, varying from about 10 to 50 feet high and are rough and broken on top. From the foot of the rim, steep talus slopes, and numerous small draws and spurs, forming the sides of the mesa, put out to the heads of the swales and hollows. Several prominent buttes, knolls, knobs, and peaks are found in the township. Wickiup Peak, which has the shape of an Indian Wickiup, is situated in the NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ of section 16. A large rugged flat topped sandstone butte, lies in the E. $\frac{1}{2}$ SE. $\frac{1}{4}$ of section 16, and a high conspicuous oval shaped red shale butte, stands near the center of section 21. The three mesas and the highest peaks and buttes can be seen from the surrounding country many miles to the north, east, and south. A portion of Sagebrush Bench, the largest bench in this locality, covers about two and one half sections in parts of sections 11, 12, 13, 14, 23, and 24. Approximately the south two and one half tiers of sections have a general southern exposure, and drain to the southeast into Straight Wash gorge, which cuts through a high rugged sandstone reef, forming the south rim or edge of the San Rafael Swell and Sinbad. This reef is called the Water Pocket Reef, on account of the large sandstone pockets and tanks of water that lie in the bottoms of the chasms, gulches, and gorges. The remainder of the township has a northern exposure, and is drained to the northeast by large washes into the San Rafael River, thence southeasterly through the Water Pocket Reef.

Blue limestone, red and blue shale, varied colored sandstone, conglomerate of varied colored sandstone, and volcanic rock are the principal formations, the former two predominating in the form of outcroppings, and broken, sloping, and perpendicular ledges and rims. The formation of the three mesas is mainly varied colored sandstone, conglomerate of sandstone, and volcanic rock, appearing as surface rock on the tops, and in the form of large boulders, sliderock, and broken, sloping, and perpendicular ledges and rims on the sides.

On the greater portions of nearly all of the sections, the soil is a red sand and sandy loam, rocky and gravelly in places, and varying in depth from about six inches to three feet on tops and slopes to several feet in the bottoms of draws, hollows, and swales, and lying on varied colored clay subsoils, shale or on bedrock, 1st. to 4th. rate. Shallow red sand, lying on bedrock, covers the tops of the three mesas, except where surface rock is exposed. On the sides, slopes, and spurs, and in the draws, putting off of the three mesas and the most prominent buttes, peaks, and knolls, the soil is clay of various colors, lying alternately on layers of shale, clay, limestone, and sandstone, 4th. rate.

The timber is cedar and pinon pine, being sparse and scattering, and in small groves or patches on nearly all of the sections; and there is a medium to a heavy growth on the tops, sides, and slopes of the three mesas, and on

-32-

GENERAL DESCRIPTION

the tops of the benches in the north, northeast, and eastern parts of the township.

Yellow top, shadscale, and mountain rush is the principal undergrowth, being sparse and scattering in the heavy growth of timber, and medium dense to dense on the open portions. Although, black and buck brush, and service berry bushes predominate on the tops and sides of mesas, buttes, and peaks, and on the rough parts. Dense greasewood and rabbit brush grow along the bottoms of the main washes, draws, hollows, and swales.

A reservoir, about 1 chain wide and 5 chains long, which is filled with stock water from storms or melting snow, lies in the bottom of a hollow in the SW. $\frac{1}{4}$ SE. $\frac{1}{4}$ of section 27. Along the bottom of a boxed gulch in lot 3 and in the SE. $\frac{1}{4}$ NW. $\frac{1}{4}$ of section 1, there are a few small holes or tanks in the sandstone, which are filled from floods and water from melting snow. Some of the tanks are accessible to stock. In the bottoms of some of the swales and hollows, there are suitable sites for the construction of small reservoirs to collect flood water for stock. There are no springs, seeps, running water, nor any other tank water in this township.

On account of the land being broken, nearly all of the sections are more adapted for grazing purposes. Although, in the northwest, north, east, central, and southern parts of the township, large tracts in the bottoms of swales and hollows with deep sandy loam are suitable for farming. But, as irrigation is necessary, it is impracticable to raise crops, only by dry farming during wet seasons. There are no settlers nor any land under cultivation. With the exception of large tracts in the north, central, northeast, center, and west central parts of the township, the greater portions of nearly all of the sections are covered with a fair to an excellent growth of gramma and bunch grass, and undergrowth, suitable as browse for stock, and afford a good fall, winter, and spring range. Approximately 30,000 sheep and 500 head of cattle graze in this township and adjoining townships for about six months out of the year, and about 1000 wild horses range in this locality the year around. The abundant growth of black brush on rough portions serves as good browse feed for sheep during deep snows. In grazing this township, the stock depend almost entirely on snow for water, and when the snow is melted, the herds trail to water holes, springs, and streams in adjacent townships.

A main traveled wagon road, from Castle Dale and Huntington, Utah, crosses the east boundary of section 24, south about fifteen chains distant, and from the cor. of secs 13, 18, 19, 24, bears in a southwesterly direction to Crawford Holes, Mormon Tanks, Carter's Oil Well, and Tan Seeps, leaving the south boundary of section 33, east about eleven chains distant from the quarter section corner, between sections 4 and 33. An old wagon road from Castle Dale and Huntington, Utah, enters the township east approximately ten chains distant from the quarter section corner on the north boundary of section 4, bears in a southeasterly course, and joins the main traveled road to Castle Dale and Huntington, described above, in the northwest quarter of section 26. There are no other improvements, except several sheep and wild horse corrals, which are constructed of trees and brush.

No seams nor veins of coal nor any evidence of mineral are shown on the ground, but oil shale is plentiful on most all of the sections. There are no indications of oil drillings, and the land does not appear to have been prospected for oil or mineral.

The bench noted above is locally known as Sagebrush Bench.

CERTIFICATE OF UNITED STATES SURVEYOR

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah, District No. 6, bearing date of the 3rd day of March, 1928, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East, and North Boundaries and Subdivision of T. 22 S., R. 11 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, District No. 6, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at: Salt Lake City, Utah March 30, 1935

J. C. Clark U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS, Denver, Colorado, APR 1 - 1935, 19

The foregoing field notes of the survey of the East and North Boundaries and Subdivision of T. 22 S., R. 11 E.

executed by J. C. Clark under his special instructions dated March 3, 1928, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature] U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in Group No. 108, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.