Volume

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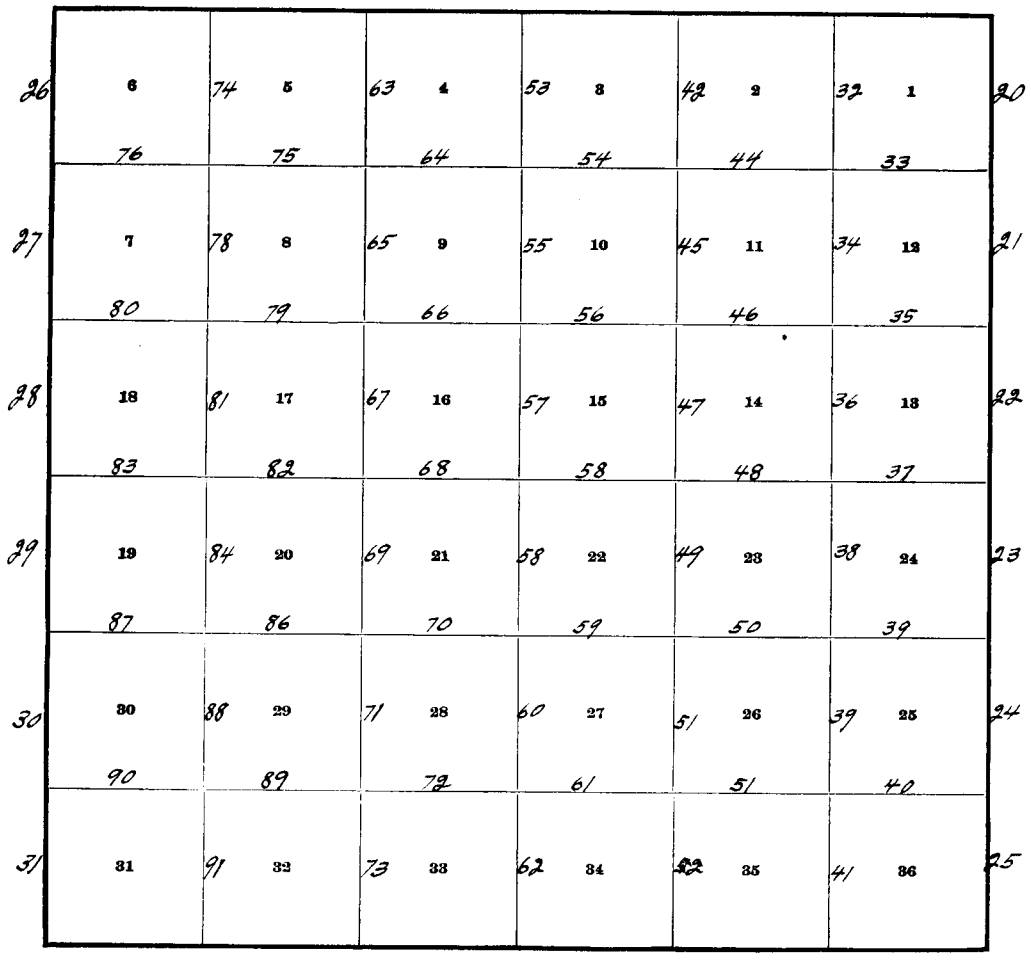
R0517

4—679 b

INDEX DIAGRAM.

Township 43 South, Range 19 West



6—4817

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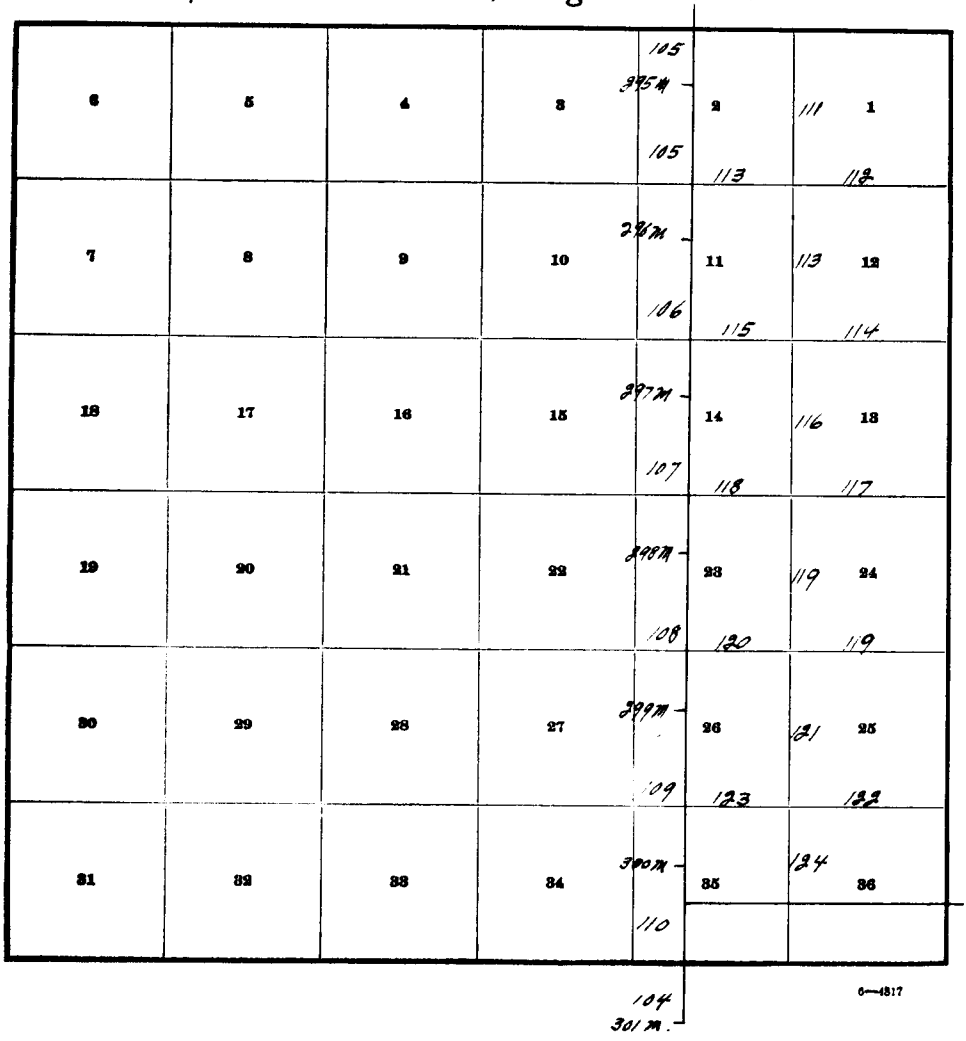
Page

4—679 b

INDEX DIAGRAM.

Township 43 South, Range 20 West



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Page

4—679 b

INDEX DIAGRAM.

Township 42 South, Range 18 West

6 209	211 5 208	191 4 190	177 3 175	162 2	1
7 205	207 8 204	188 9 187	174 10 173	160 11	12
18 202	203 17 201	186 16 184	171 15 170	159 14 158	13 150
19 198	200 20 197	183 21 182	168 22 167	156 23 155	148 24 147
30 195	196 29 193	181 28 179	166 27 164	154 26 153	145 25 144
31	192 32	178 33	163 34	151 35	143 36
141	140	138	137	136	134

6—4817

Blank

Page

4—679 b

INDEX DIAGRAM.

Township 43 South, Range 18 West

6 276	274 5 275	263 4 264	250 3 252	237 2 239	222 1 223
7 279	277 8 278	265 9 266	253 10 254	240 11 241	225 12 227
18 282	280 17 281	267 16 268	255 15 256	243 14 244	228 13 230
19 285	283 20 284	269 21 270	258 22 259	245 23 246	231 24 232
30 288	286 29 287	271 28 272	260 27 261	247 26 248	233 25 235
31	289 32	273 33	262 34	249 35	236 36

6—4817

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Page

4—679 b

INDEX DIAGRAM.

Township 26 South, Range 12 East

305	6 350	351 5 349	339 4 338	331 3 330	322 2 321	314 1 313
304	7 348	349 8 348	337 9 337	329 10 328	320 11 320	312 12 312
304	18 346	347 17 345	336 16 336	337 15 336	319 14 318	311 13 310
303	19 344	345 20 343	335 21 334	325 22 325	318 23 317	309 24 309
302	30 342	343 29 341	333 28 333	324 27 323	316 26 316	308 25 307
301	31	340 32	332 33	322 34	315 35	306 36

6—4817

Blank

Page

4—679 b

INDEX DIAGRAM.

Township 27 South, Range 12 East

	376	376	375	374	374	373
372	6	5	4	3	2	1
	418	417	406	395	390	383
371	7	8	9	10	11	12
	416	415	405	396	389	381
370	18	17	16	15	14	13
	413	413	404	395	387	380
369	19	20	21	22	23	24
	411	410	402	394	386	379
369	30	29	28	27	26	25
	409	408	401	392	385	378
368	31	32	33	34	35	36

6—4817

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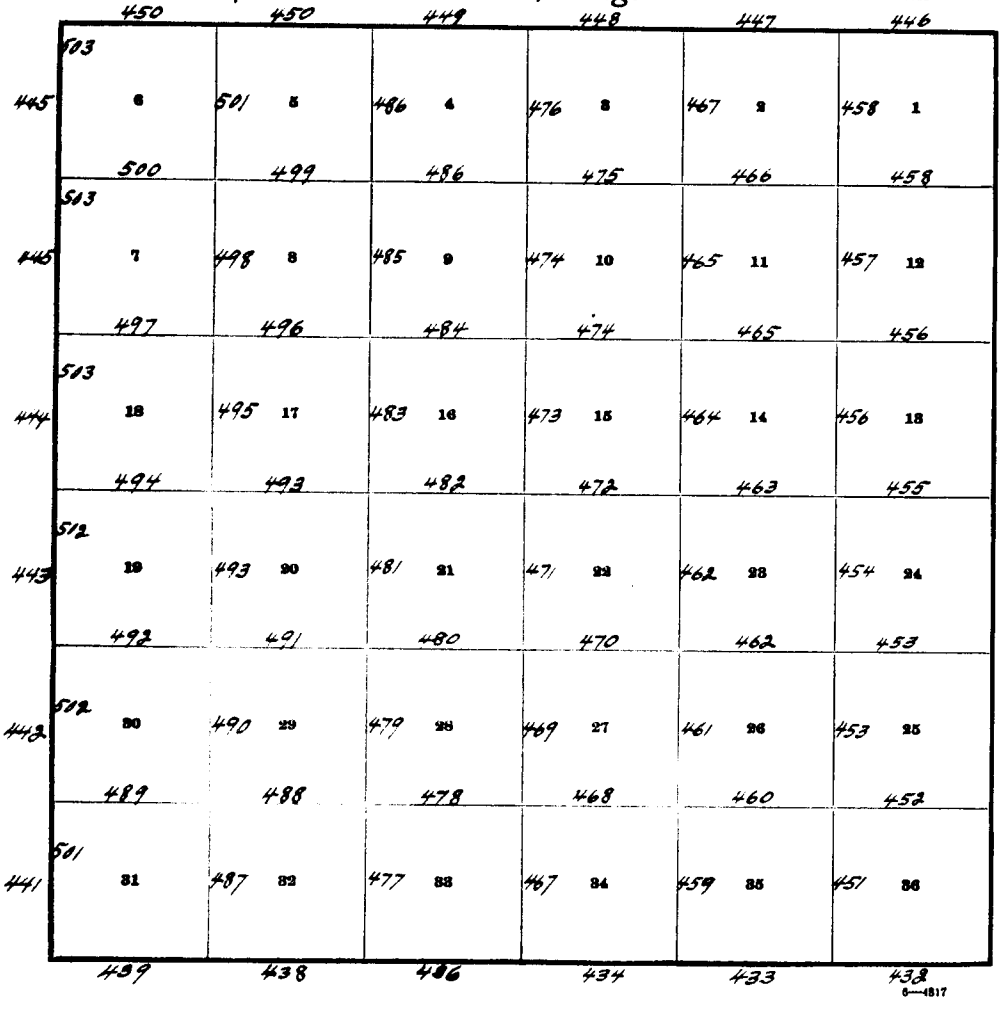
Page

4—679 b

INDEX DIAGRAM.

Township 27 South, Range 11 East



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Page

4—879
(April 1933)

BOOK "A"

FIELD NOTES

SURVEY OF THE EAST AND WEST BOUNDARIES

AND

SUBDIVISION OF T. 43 S., R. 19 W.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Andrew Nelson, ~~U. S.~~ Surveyor

Kelvin Winwood, Transitman

Under special instructions dated March 17, *1933, which provided for the surveys included under Group No.* 233, *bearing the approval of the Commissioner of the General Land Office under date of* September 19, 1933

and assignment instructions dated May 12, *19*36 and Supplemental assignment instructions dated October 24, 1936

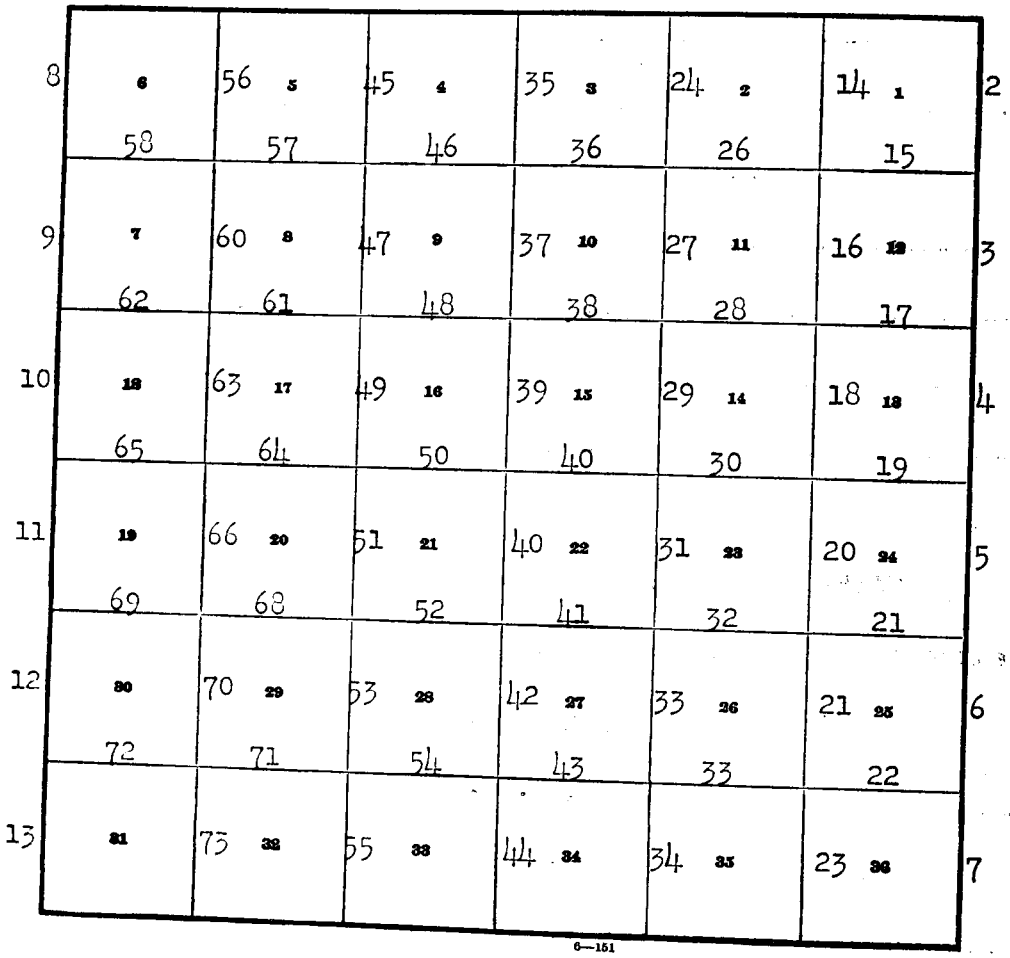
Survey commenced May 25, *19*36

Survey completed December 3, *19*36

U. S. GOVERNMENT PRINTING OFFICE 9—181

INDEX DIAGRAM.

Township 43 SOUTH, **Range** 19 WEST



6—151

TOWNSHIP 43 SOUTH, RANGE 19 WEST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

——— The lines in black were surveyed by Andrew Nelson, ~~U. S.~~ Surveyor.

——— The lines in red were surveyed by Kelvin Winwood, Transitman.

U. S. GOVERNMENT PRINTING OFFICE: 1951 9—8155

Survey commenced May 25, 1936, and executed with Buff and Buff light mountain transits Nos. 14191 and 9210, used by Andrew Nelson, U. S. Surveyor, and Kelvin Winwood, Transitman, (P.W.A.,) respectively. Each instrument is equipped with Smith solar attachment and full vertical circle; the horizontal limb of each transit is 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 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 May 12, 1936, and supplemental assignment instructions dated October 24, 1936.

The instruments were in good condition at the time of this survey, and all adjustments were in good order. The country over which the lines are to be extended is all open desert, therefore the solar attachments are not used, and all azimuths in this record are referred to true meridians determined by observations made upon Polaris during the progress of the survey, by the method of deflection angles and calculated courses, and the lines were carried forward by double fore and back sights. The geographic position of the closing corner of T. 43 S., Rs. 18 and 19 W., is approximate latitude 37°N., and longitude 113° 55'W.

May 25, 1936: Stationed at the corner of Ts. 42 and 43 S., Rs. 18 and 19 W., Salt Lake Meridian, Utah, in approximate latitude 37° 05'N., longitude 113° 55'W., with transit No. 14191, at 2h 42.2m p.m. by our watches, which carry correct 105th meridian time, we make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a point on a ledge about 1 mile to the north, in the direction west to Polaris.

Watch fast of local mean time - - - - -	00h 35.7m
Local mean time of observation - - - -	2h 06.5m p.m.
Mean horizontal deflection angle from point of ledge to Polaris - - - - - - -	1° 13.9'W.
Azimuth of Polaris - - - - - - - - - - -	1° 13.9'W.
True bearing to point of ledge - - - -	North.

November 9, 1936, at the corner of Ts. 42 and 43 S., Rs. 19 and 20 W., in approximate latitude 37° 05'N., longitude 114° 01'W., at 5h 22.0m p.m. by my watch which carries correct 105th meridian standard time by comparison with naval observatory time received hourly by radio time signals. I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flagpole about 40.00 chains South, in the direction S.E.N. to Polaris.

Watch fast of local mean time - - - - -	00h 36m
Local mean time of observation - - - -	4h 46m p.m.
Mean horizontal angle from flag to Polaris - - - - - - - - - - - - - - - - - -	178° 42'
Azimuth of Polaris - - - - - - - - - - -	1° 18'E.
True bearing of line --- - - - - - - - -	South

The measurements were made with Lufkin steel ribbon tapes 5 chains and 8 chains in length; each tape is graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin steel standard tape and found correct. The measurements were made on the slope;

U. S. GOVERNMENT PRINTING OFFICE 6—9155

Chains	
	the vertical angles were determined by clinometers in good adjustment, two to each tape; the field notes show the horizontal equivalents.
	SURVEY OF EAST BOUNDARY, T. 43 S., R. 19 W.
	From the corner of Ts. 42 and 43 S., Rs. 18 and 19 W., an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.
	South, between sections 1 and 6.
	Over general SW. slope of broken bench, through medium dense short undergrowth and scattered tall Joshua trees.
2.60	Draw, 25 ft. deep, drains S.80°W. from N.30°E.
5.20	Spur, 25 ft. high, projects SW.; descend gradual SE. slope.
10.70	Draw, 80 feet below spur, drains SW.
18.90	Low spur, projects SW., 1.50 chains distant, thence S.; descend gradually along E. slope of spur.
30.50	Draw, 100 ft. below spur, drains SW.
35.30	Low spur, slopes SW.
40.00	On general SW. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a mound of stone, for ¼ section corner, with brass cap marked ¼ S 1 | S 6 1936 raise a
	mound of stone, 3 ft. base, 2 ft. high, W. of corner.
45.70	Dim road, bears E. and W.
47.70	Draw, 30 ft. deep, drains SW.
49.10	Small spur, 30 ft. high, projects W., 1.50 chains distant, to end.
50.50	Small draw, 30 ft. deep, drains W., 50 links distant, to junction with last draw, which drains southwesterly.
60.40	Spur, 30 ft. high, projects SW.
68.20	Draw, 60 ft. below spur, drains W., 2.00 chains distant, thence SW.
71.30	Spur, 40 ft. high, projects W., 1.00 chain distant, thence SW.
76.60	Head of draw, 45 ft. below spur, drains W., 2.00 chains distant, thence S.
80.00	On general SW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to solid rock, and in a large mound of stone, for corner of sections 1, 6, 7, and 12, with

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	brass cap marked T 43 S T 19 W | R 18 W S 1 | S 6 S 12 | S 7 1936 deposit a
	limestone, 10x10x6 ins., marked X, at base of post.
	Land, rolling bench, cut by draws, draining southwesterly.
	Soil, deep clay, sand, and gravel, with a rocky surface, lying on limestone or a light colored clay subsoil; 4th rate.
	Undergrowth, short black brush, yellowtop, mountain rush, cacti, yucca and amole plants.
	Scattered Joshua trees.
	Fair winter grazing land.
	South, between sections 7 and 12.
	Over general SW. slope of broken bench, through medium dense short undergrowth, and scattered tall Joshua trees.
7.20	Draw, 70 ft. below corner, drains SE.; ascend gradual NE. slope.
16.80	Top of main spur, 75 ft. above draw, projects SE. 2 chains distant, thence S.
20.80	Head of small draw, drains SW.
29.80	Fork of last spur, 30 ft. high, projects SW.; descend gradual SE. slope.
40.00	On gradual SE. slope, 140 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ section corner, with brass cap marked ¼ S 7 | S 12 1936 raise a
	mound of stone, 3 ft. base, 2 ft. high, W. of corner.
42.40	Junction of draws, 30 feet deep, drains SW. from N.10°E. and NE.
48.80	Spur, 40 ft. high, projects SW. and bears E. 5.00 chains. distant to main spur projecting southerly.
64.20	Junction of draws, 40 ft. deep, drains SW. 2 chains distant, thence W. from N.10°E. and NE.
70.00	Spur, 60 ft. above junction of draws, projects SW.
73.90	Draw, 40 ft. deep, drains W.
77.60	Road, bears N.80°E. and S.80°W.

Chains	
78.00	Small spur, 40 ft. high, projects S.80°W.
80.00	On gradual SE. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for corner of sections 7, 12, 13, and 18, with brass cap marked
	T 43 S R 19W | R 18 W S 12 | S 7 S 13 | S 18 1936
	deposit a
	limestone, 12x10x8 ins., at base of post, marked X.
	Land, rolling and broken benches, with a general southwesterly exposure and drainage.
	Soil, deep clay and gravel, with a rocky and sandy surface lying on limestone bedrock or a hard light colored clay subsoil; 4th rate.
	Undergrowth, short black brush, yellowtop, mountain rush, cacti, yucca and amole plants.
	Scattered Joshua trees.
	Fair winter grazing land.
	South, between sections 13 and 18.
	Over general SW. slope of rolling and broken bench, through dense short undergrowth and scattered tall Joshua trees.
3.00	Draw, 50 feet below corner, drains SW., and heads NE. 5 chains distant.
8.60	Spur, 50 ft. high, projects SW.
15.00	Castle Cliff Wash, 1 chain wide, 5 ft. deep, drains SW.
26.80	Wash, which is a branch wash of Castle Cliff Wash, 60 links wide, 4 ft. deep, drains SW.
40.00	On gradual SE. slope, 60 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ section corner, with brass cap marked
	¼ S 13 | S 18 1936
	raise a
	mound of stone, 3 ft. base, 2 ft. high, W. of corner.
41.60	Draw, 50 ft. deep, drains SW. 1 chain distant, thence S.
51.10	Draw, 50 ft. deep, drains W. 1 chain distant to junction with last draw.
66.80	Wash, 1.20 chains wide, 10 ft. deep, drains S70°W.

U. S. GOVERNMENT PRINTING OFFICE : 6—9155

Chains	
80.00	On general SW. slope, 65 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for corner of sections 13, 18, 19, and 24, with brass cap marked T 43 S R 19 W | R 18 W S 13 | S 18 S 24 | S 19 1936 raise a
	mound of stone, 3 ft. base, 2 ft. high, W. of corner.
	Land, rolling and broken benches, with a general southwesterly exposure and drainage.
	Soil, deep clay and gravel, with a sandy and rocky surface lying on limestone bedrock or a light colored clay subsoil; 4th rate.
	Undergrowth, short black brush, yellowtop, cacti, yucca, amole plants and weeds.
	Timber, scattered Joshua trees.
	Fair winter grazing land.
	South, between sections 19 and 24.
	Over general SW. slope of rolling and broken bench land, through medium dense short undergrowth, and scattered tall Joshua trees.
1.90	Draw, 30 ft. deep, drains S.60°W. 4 chains distant; thence S.
5.20	Wash, 25 links wide, 12 ft. deep, drains SW.
16.60	Wash, 30 links wide, 5 ft. deep, drains S.50°W. 1 chain distant; thence W.
31.40	Junction of washes, 40 links wide, 10 ft. deep, drains W. 1 chain distant, thence SW. from N.20°E. and E.
34.50	Wash, 20 links wide, 6 ft. deep, drains S.80°W. 3 chains distant to junction with last wash.
37.00	Road, bears E. and W.
40.00	On general SW. slope, 95 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ section corner, with brass cap marked ¼ S 24 | S 19 1936 raise a
	mound of stone, 3 ft. base, 2 ft. high, W. of corner.
60.30	Wash, 25 links wide, 8 ft. deep, drains SW.
69.10	Wash, 60 links wide, 7 ft. deep, drains SW.

Chains	
80.00	On general SW. slope, 120 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for corner of sections 19, 24, 25 and 30, with brass cap marked

T 43 S

R 19 W	R 18 W
S 24	S 19
S 25	S 30

1936

raise a

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

Land, rolling SW. slope of bench, cut by washes, draining southwesterly.

Soil, deep clay and gravel, with a rocky and sandy surface, lying on a hard light colored clay subsoil; 4th rate.

Undergrowth, black brush, yellowtop, cacti, yucca, amole plants and weeds.

Timber, scattered Joshua trees.

Fair winter grazing land.

South, between sections 25 and 30.

Over general SW. slope of rolling and broken bench land, through dense short undergrowth and tall Joshua trees.

3.50	Wash, 30 links wide, 7 ft. deep, drains SW.
6.60	Wash, 20 links wide, 6 ft. deep, drains S.10°W.
14.40	Wash, 40 links wide, 8 ft. deep, drains SW.
36.20	Wash, 1 chain wide, 5 ft. deep, drains SW.
40.00	On general SW. slope, 110 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ section corner, with brass cap marked

¼

S 25	S 30

1936

raise a

mound of stone, 4 ft. base, 3 ft. high, W. of corner.

51.70	Wash, 45 links wide, 12 ft. deep, drains S.15°W. 1 chain distant, thence SW.
68.70	Wash, 30 links wide, 10 ft. deep, drains S.50°W.
77.80	Wash, 30 links wide, 6 ft. deep, drains SW.
80.00	On general SW. slope, 80 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for corner of sections 25, 30, 31, and

Chains	
	36, with brass cap marked T 43 S R 19 W | R 18 W S 25 | S 30 S 36 | S 31 1936 raise a mound of stone, 4 ft. base, 3½ ft. high, W. of corner. Land, rolling SW. slope of bench, cut by washes, with a general southwesterly exposure and drainage. Soil, deep clay and gravel, with a rocky and sandy surface; 3rd rate. Undergrowth, black brush, shadscale, yellowtop, cacti, yucca, amole plants and weeds. Timber, scattered Joshua trees. Fair winter grazing land.
	South, between sections 31 and 36. Over general SW. slope of rolling bench land, through dense short undergrowth and scattered tall Joshua trees.
0.75	Immigrant road, bears N.63°E. to U. S. Highway 91, and S.63°W. to Beaver Dam Wash.
11.30	Wash, 30 links wide, 7 ft. deep, drains SW.
29.70	U. S. Highway No. 91, bears N.16°30'E. and S.16° 30'W.
36.40	Wash, 2 chains wide, 6 ft. deep, drains SW.
40.00	On general SW. slope, 100 ft. below section corner. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ section corner, with brass cap marked ¼ S 36 | S 31 1936 raise a mound of stone, 4 ft. base, 3½ ft. high, W. of corner.
41.80	Wash, 50 links wide, 4 ft. deep, drains SW.
46.53	Intersect the Utah-Arizona State Boundary. Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for closing corner of Ts. 43 S., Rs. 18 and 19 W., with brass cap marked CC T 43 S R 19 W | R 18 W S 36 | S 31 ARIZ 1936 raise a mound of stone, 5 ft. base, 4½ ft. high, N. of corner.

Chains

From this corner the closing corner of sections 33 and 34, T. 42 N., R. 15 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record, bears West 12.86 chains distant.

From the same corner the 7th mile post of the Utah-Arizona State Boundary, bears West 39.48 chains distant. Mile post is a granite stone, 12x10x8 ins. above ground, firmly set, marked 7 M on the W. face, UTAH, on the N. face, and ARIZ on the S. face; corner is witnessed by a mound of stone, 4 ft. base, 3½ ft. high, to the E. of the corner monument.

Land, rolling bench, cut by washes, with a general southwesterly exposure and drainage; 4th rate.

Undergrowth, black brush, shadscale, yellowtop, cacti, yucca, amole plants and weeds.

Timber, tall Joshua trees.

Fair winter grazing land.

SURVEY OF THE WEST BOUNDARY T. 43 S., R. 19 W.

From the corner of Ts. 42 and 43 S., Rs. 19 and 20 W., which is an iron post, 3 ins. diam., extending 12 ins. above ground, firmly set, properly marked and witnessed as described in the official record.

South, between sections 1 and 6.

Over rolling and broken desert on east side of Beaver Dam Wash, through medium dense growth of creosote brush, cacti, black brush and Joshua trees. Descend along broken W. slope.

7.80 Enter bottom lands of Beaver Dam Wash, bears NW. and SE.; descend gradually along nearly level bottom land.

23.60 Large draw, drains W. anout 10 chains distant to junction with Beave Dam Wash.

38.70 Wash, 1 chain wide, 4 ft. deep, drains W.; bottom lands of Beaver Dam Wash.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

¼
S 1 | S 6
1936

raise a mound of stone, 4 ft. base, 2 ft. high, W. of corner.

42.00 Enter Beaver Dam Wash, bears N.30°W., and S.30°E.; continue over nearly level, sandy, bottom land.

42.90 Unimproved road, bears N.30°W., and S.30°E.

76.40 Leave Beaver Dam Wash, bears N.30°W. and S. 30°E.; ascend along an abrupt E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with a cobblestone, 8x7x6 ins. marked B.C. deposited alongside, and in a mound of stone

U. S. GOVERNMENT PRINTING OFFICE 6—9155

Chains	
	for the corner of sections 1, 6, 7, and 12, with brass cap marked T 43 S R 20 W | R 19 W S 1 | S 6 S 12 | S 7 1936
	No suitable accessories.
	Corner stands on abrupt, rocky NE. slope.
	Land, broken desert and bottom land; general drainage S. from E. into Beaver Dam Wash.
	Soil, sandy loam, gravel and clay subsoil; 4th rate.
	Undergrowth, creosote brush, desert almond and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South, between sections 7 and 12.
	Over rough, broken desert, through medium dense growth of creosote brush, desert almond, ooze and burr sage; ascend along general E. slope over series of small washes and spurs.
6.40	Draw, originates 6 chains distant W., drains E. 3 chains to junction with larger wash, thence SE. into Beaver Dam Wash; continue over broken desert land.
11.40	Draw, 50 feet deep, originates 5 chains W., drains E.14 chains to junction with Beaver Dam Wash, thence S.
15.60	Base of rough, broken E. slope, bears SE. from N.; ascend 145 feet along a broken E. slope to spur.
27.50	Begin abrupt ascent over NE. slope, bears S.20°E. from N.20°W.
35.30	Point of spur, projects S.60°E. 8 chains; descend abruptly over SW. slope.
37.40	Draw, 45 feet deep, drains E.; ascend over NE. slope.
40.00	True point for ¼ section corner falls on steep NE. slope, extremely eroded, loose clay soil, impracticable to set corner; continue ascent.
40.80	Set an iron post, 3 feet long, 1 in. diam., 27 ins. in the ground, for the witness corner to the ¼ section corner, with brass cap marked W C ¼ S 12 | S 7 1936 raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.

Chains	
64.20	Enter flat bench land, bears E. and N.20°W.; general drainage and exposure SE.
80.00	On bench, 260 feet above section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to solid rock, and in a mound of stone, for corner of sections 7. 12, 13, and 18, with brass cap marked T 43 S R 20 W | R 19 W S 12 | S 7 S 13 | S 18 1936
	No suitable accessoris available.
	Land, broken desert N. 60 chains; level bench land S. 20 chains.
	Soil, sandy loam and gravel with clay and rocky subsoil; 4th rate.
	Undergrowth, creosote brush, desert almond, ooze and sage.
	Timber, Joshua trees.
	Poor grazing land.
	South, between sections 13 and 18.
	Over level bench land, through medium dense growth of creosote brush, desert almond and sagebrush; descend gradually along a SE. slope.
39.00	Leave level bench; enter broken desert bench, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 13 | S 18 1936
	No suitable accessories available.
46.00	Draw, 50 feet below ¼ section corner, drains SE.; ascend gradually.
60.10	Low branch spur, projects SE.; descend over loose clay SW. slope.
75.40	Draw, 110 ft. below spur, drains SE.; ascend abruptly over NE. slope.
78.90	Rise, bears SE. 3 chains, and NW. 10 chains; descend over S. slope.
80.00	On S. slope, 20 ft. below rise.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins.

U. S. GOVERNMENT PRINTING OFFICE

Chains	
	in the ground to solid rock, and in a mound of stone, for corner of sections 13, 18, 19, and 24, with brass cap marked T 43 S R 20 W | R 19 W S 13 | S 18 S 24 | S 19 1936
	No suitable accessories available.
	Land, flat bench, N.39 chains, broken bench land, S. 41 chains.
	Soil, sandy loam with clay and rocky subsoil; 4th rate.
	Undergrowth, creosote brush, desert almond, and sage-brush.
	Timber, Joshua trees.
	Poor grazing land.
	South, between sections 19 and 24.
	Over broken desert land, through medium dense growth of creosote brush, desert almond, and sagebrush; descend along S. slope.
1.20	Draw, drains E.; ascend over NE. slope.
6.00	Rise, 50 ft. above draw, bears S.30°E. 12 chains from N.30°W.; descend over SW. slope.
11.90	Draw, 25 links wide, 80 feet below spur, drains SE.; ascend gradually along NE. slope.
26.40	Rise, bears S.30°E. and N.30°W.; descend along broken E. slope.
40.00	On SE. slope, 50 ft. below rise.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 24 | S 19 1936
	No other accessories available.
46.10	Rise, bears N.30°W. and S.30°E.; continue desc. along broken SE. slope.
72.10	Draw, 1 chain wide, 140 feet below rise, drains SE.; dim trace of old road in draw, bears NW. and SE.; ascend gradually along NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 19, 24, 25, and 30, with brass cap marked

Chains

T 43 S

R 20 W	R 19 W
S 24	S 19
S 25	S 30

1936

No suitable accessories available.

Land, broken desert land, general drainage and exposure SE.

Soil, sandy loam with clay subsoil; 3rd rate.

Undergrowth, creosote brush, desert almond, and sagebrush.

Timber, Joshua trees.

Poor grazing land.

South, between sections 25 and 30.

Over broken desert, through medium dense growth of creosote brush, desert almond, and sagebrush; descend gradually along broken E. slope.

13.20 Draw, originates 8 chains W.; drains E. 8 chains to junction with wash draining S.; ascend gradually along broken SE. slope.

25.70 Rise, bears N.30°W. and S.30°E.; descend along broken SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a cobblestone, 10x8x6 ins., marked X, deposited alongside the iron post, for the ¼ section corner, with brass cap marked

¼

S 25 | S 30

1936

raise a

mound of stone, 3 ft. base, 2½ ft. high, N. of corner.

Impracticable to witness with a mound W. of the corner, because this point falls on the perpendicular NE. bank of a wash, 8 links wide, 2 ft. deep, draining SE.; continue descent over broken S. slope.

40.15 Wash, drains SE.

67.70 Draw, drains N.75°E. 5 chains distant, thence SE.; continue over broken desert land along general SE. slope.

80.00 On general SE. slope, 110 ft. below the ¼ section corner.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 25, 30, 31, and 36, with brass cap marked

T 43 S

R 20 W	R 19 W
S 25	S 30
S 36	S 31

1936

Chains	
	raise a mound of stone, 5 ft. base, 5 ft. high, W. of corner.
	Land, broken desert land, general drainage and exposure SE.
	Soil, sandy, gravelly and clay, with clay and rock subsoil; 3rd rate.
	Undergrowth, creosote brush, desert almond and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South, between sections 31 and 36.
	Over broken desert land, through a medium dense growth of creosote brush, desert almond, and sagebrush; descend gradually along a broken, general SE. slope to the ¼ section corner.
.40	Wash, 15 links wide, 3 ft. deep, drains SE.
22.00	North rim of hollow, bears NW. and SE.; continue desc. along general SE. slope.
28.20	Hollow, drains SE.; continue desc. along general SE. slope.
40.00	Rim of hollow, bears NW. and SE., 120 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 36 | S 31 1936
	No suitable accessories available.
46.29	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the closing cor. of T. 43 S. Rs. 19 and 20 W., with brass cap marked T 43 S C | C R 20 W | R 19 W S 36 | S 31 ARIZ 1936
	raise a mound of stone, 5 ft. base, 5 ft. high, N. of corner.
	From this corner, the closing corner of secs. 33 and 34, T. 42 N., R. 16 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., extending 10 ins. above the ground, properly marked and witnessed by a mound of stone, 4 ft. base, 3 ft. high, S. of corner, bears W. 12.76 chains distant.

Chains	
	From the same corner, the first mile post on the Utah-Arizona State Boundary line, heretofore described, bears W. 39.59 chains.
	Land, broken desert land, general drainage and exposure SE.
	Soil, sandy and gravelly, with clay and rock subsoil; 4th rate.
	Undergrowth, creosote brush, desert almond and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

SUBDIVISION OF T. 43 S., R. 19 W.

	From the corner of sections 1, 2, 35, and 36, on the N. boundary of the township, which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.
	South .0°01'E., between sections 1 and 2.
	Over broken rolling desert land; descend along W. slope through medium dense growth of cacti and sagebrush.
35.10	Low spur, 90 ft. below the section corner, projects S.; continue gradual descent along top of spur.
37.00	Leave spur, projects SE.; descend gradually along SW. slope.
40.00	On W. slope, 4 chains E. of Welcome Wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 2 | S 1 1936 raise a mound of stone, 4 feet base, 2½ feet high, W. of corner.
45.50	Low spur, projects SW., same spur as at 37.00 chains; descend along SE. slope.
54.80	Draw, 90 feet below spur, drains SE. 3 chains distant, thence S.10°W.; ascend along a NE. slope.
59.80	Low rise, 10 feet above draw, bears N.30°W. and S.30°E.; descend along general W. slope.
69.00	Wash, 80 ft. below rise, drains S.; continue gradual descent along bottom of wash.
80.00	On W. bank of wash, 180 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 1, 2, 11, and 12, with brass cap marked

Chains	
	T 43 S | R 19 W S 2 | S 1 S 11 | S 12 1936 raise a mound of stone, 5 ft. base, 3½ ft. high, W. of corner. Land, rolling and broken desert, general drainage and exposure S. Soil, sandy and gravelly; 3rd rate. Undergrowth, cacti and sagebrush. Timber, Joshua trees. Poor grazing land.
	East, on a random line, between sections 1 and 12.
40.00	Set temporary ¼ section corner.
79.98	Intersect E. boundary of township, 5 links S. of corner of sections 1, 6, 7, and 12, heretofore described.
	Thence
	S.89° 58'W., on true line, between sections 1 and 12.
	Over rolling desert, through medium dense growth of cacti, creosote brush and sagebrush; descend gradually over W. slope.
2.50	Draw, 50 feet below the section corner, drains SE.; ascend E. slope.
5.70	Spur, 50 feet above draw, projects S.; descend over W. slope.
10.40	Draw, 80 feet below spur, drains SW.; continue desc. over general S. slope.
21.00	Draw, drains S.15°W.; continue gradual descent along general S. slope.
39.50	Low rise, bears S.50°W. 3 chains distant and N.; descend gradually over W. slope.
39.99	On W. slope, near top of rise, 160 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 1 / S 12 1936 raise a mound of stone, 4 ft. base, 2½ ft. high, N. of corner.
40.80	Draw, 10 ft. wide, 2 ft. deep, drains S.50°W.; continue gradual descent along general SW. slope.
54.90	Draw, 40 feet below the ¼ section corner, drains S.20°W.; ascend over gentle SE. slope.

Chains	
57.00	Rise, bears N.25°W. and S.25°E.; descend over NW. slope.
60.00	Leave NW. slope; continue over general SW. slope to the section corner.
77.20	Wash, drains S.; continue over washed bottom land, draining S.
79.50	Wash, 70 feet below ¼ section corner, drains S.
79.98	The corner of sections 1, 2, 11, and 12.
	Land, rolling and broken desert, general south exposure and SW. drainage.
	Soil, sandy, gravelly and rocky; 3rd rate.
	Undergrowth, cacti, creosote brush and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

South 0° 01'E., between sections 11 and 12.

Over broken and rolling desert land, through medium dense growth of creosote brush, cacti and sagebrush; descend gradually along S. slope.

5.20	N. bank of wash, bears N.5°E. and S.5°W.; continue gradual descent over wash bottom.
13.00	Wash, drains S.15°W., 20 chains distant to junction with Welcome Wash, draining S.; continue descent over general S. slope.
21.90	S. bank of wash, bears N.20°E. and S.25°W.; descend gradually along SW. slope.
36.40	Low rise, projects SW. 1 chain distant; descend over SE. slope.
39.50	Draw, drains S.60°W.; ascend gradually over gentle NW. slope.
40.00	Near the delta of large draw, approximately 10 chains E. of Welcome Wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked
	S 11 | ¼ | S 12 1936
	raise a mound of stone, 4 ft. base, 2 ft. high, W. of corner.
48.40	Enter bottom land, general drainage S.30°W.; continue gradual descent along washed bottom land.
54.80	Leave bottom land, bears N.30°E. and S.30°W.; ascend abruptly over NW. slope.
56.20	SE. bank of Welcome Wash, bears N.30°E. and S.30°W.; descend gradually over S. slope, along top of low rise.

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Chains	
80.00	On gentle E. slope, 110 feet below the ¼ section corner. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 11, 12, 13, and 14, with brass cap marked T 45 S | R 19 W S 11 | S 12 S 14 | S 13 1936 raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner. Land, rolling and broken desert land, general S. exposure and drainage. Soil, clay, sand and gravelly, of limestone formation; 4th rate. Undergrowth, creosote brush, cacti and sagebrush. Timber, Joshua trees. Poor grazing land.
	North 89° 58'E., on a random line, between sections 12 and 13.
40.00	Set temporary ¼ section corner.
79.98	Intersect E. boundary of township, 2 links S. of the corner of sections 7, 12, 13, and 18, heretofore described. Thence S.89° 57'W., on true line, between sections 12 and 13. Over broken desert land, through medium dense growth of cacti, creosote brush and sagebrush; ascend gradually along SE. slope.
2.50	Rise, 20 ft. above section corner, bears NE. and SW.; descend along NW. slope.
6.00	Unimproved road, bears S.60°W. to Beaver Dam Wash and NE. to junction with U. S. Highway 91; continue gradual descent over NW. slope.
12.10	Enter bottom land, bears NE. and SW., general drainage SW.; continue along nearly level bottom land.
17.90	Wash, 25 feet wide, 4 feet deep, in bottom land, drains SW.
36.00	Wash, 12 ft. wide, 2 ft. deep, 80 ft. below the section corner, drains S.30°W.
39.99	On gradual S. slope; in bottom land Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 12 S 13 1936

Chains	
	Raise a mound of stone, 4 ft. base, 2½ ft. high, N. of cor.
42.10	Leave bottom land, general drainage S.; enter broken desert land, bears N. and S.; ascend SE. slope.
46.60	Gravelly spur, projects S. 7 chains distant; descend over W. slope.
50.70	Draw, heads about 8 chains N., drains S.20°E.; ascend over gradual E. slope.
56.90	Low, sandy spur, projects S. from N.30°E.; descend over gradual W. slope.
60.90	Draw, drains S.; ascend over E. slope.
64.70	Long rise, 10 ft. above draw, bears S. from a point about 10 chains N.; descend over W. slope.
72.40	Draw, 50 ft. below long rise, drains S.15°W.;
78.40	Small draw, 20 ft. below the ¼ section corner, drains S.15°E., from a point about 15 chains N.; ascend gradually over E. slope.
79.98	The corner of sections 11, 12, 13, and 14.
	Land, broken desert, general drainage and exposure S.
	Soil, gravelly and sandy, with a clay and rocky subsoil; 4th rate.
	Undergrowth, cacti, creosote brush and sagebrush.
	Timber, a few scattered Joshua trees.
	Poor grazing land.

South 0° 01'E., between sections 13 and 14.

Over rolling desert, through medium dense growth of cacti, creosote brush, sagebrush and Brigham tea, descend gradually along general S. slope.

23.20 Draw, 90 ft. below section corner, drains SW.; continue gradual descent over general S. slope.

25.00 Unimproved road, bears W. about 5 chains distant, thence SW. to Beaver Dam Wash, and NE. to junction with U. S. Highway 91.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

S 14 | ¼ | S 13

1936

raise a mound of stone, 4 ft. base, 2½ ft. high, W. of corner.

80.00 On general SW. slope, 120 ft. below the ¼ section corner, and 220 ft. below the section corner.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 13, 14, 23, and 24, with brass cap marked

Chains	
	T 43 S | R 19 W S 14 | S 13 S 23 | S 24 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, rolling desert, general drainage SW. and N.
	Soil, loose sandy loam, with gravelly clay subsoil; 4th rate.
	Undergrowth, cacti, creosote brush, Brigham tea and sagebrush.
	Timber, a few scattered Joshua trees.
	Poor grazing land.
	North 89° 57'E., on a random line, between sections 13 and 24.
40.00	Set temporary ¼ section corner.
80.00	Intersect E. boundary of township, 8 links S. of the corner of sections 13, 18, 19, and 24, heretofore described.
	Thence
	S.89° 56'W., on true line, between sections 13 and 24.
	Over rolling desert, through medium dense growth of creosote brush, cacti, Brigham tea, and sagebrush; descend along general SW. slope to the section corner.
25.10	Wash, 10 links wide, 2 ft. deep, 50 ft. below the section corner, drains S.15°W.; continue over rolling desert land.
33.00	Wash, drains S.10°W.; continue gradual descent along general SW. slope to ¼ section corner.
33.40	Old, unimproved road, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 13 ¼ —— S 24 1936 raise a mound
	of stone, 4 ft. base, 2½ ft. high, N. of corner.
49.50	Castle Cliff Wash, 70 links wide, 3 ft. deep, drains SW.; continue gradual descent over general SW. slope.
58.40	Draw, drains S.60°W.
64.00	Unimproved road, bears NE. and SW.
76.30	Wash, 70 links wide, 20 ft. below the ¼ section corner, drains SW.; ascend gradually over E. slope.

Chains	
80.00	The corner of sections 13, 14, 23, and 24. Land, rolling desert, general drainage and exposure SW. into Welcome Wash. Soil, loose sandy loam, with gravelly clay subsoil; 4th rate. Undergrowth, creosote brush, cacti, Brigham tea and sagebrush. Timber, a few scattered Joshua trees. Poor grazing land.
	South 0° 01'E., between sections 23 and 24. Over rolling and broken desert land, through medium dense growth of creosote brush, cacti, Brigham tea, and sagebrush; descend gradually over SW. slope.
5.30	Wash, 30 links wide, 2 ft. deep, drains SW.
18.50	Wash, 50 ft. below section corner, drains SW.
37.50	Castle Cliff Wash, 30 links wide, 2 ft. deep, drains SW.
40.00	On general SW. slope, 90 ft. below section corner. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 23 | S 24 1936 raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.
59.70	Wash, 5 links wide, 4 ft. deep, drains SW.
79.80	Wash, 5 links wide, 4 ft. deep, drains SW.
80.00	On general SW. slope, 80 ft. below the ¼ section corner. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 23, 24, 25, and 26, with brass cap marked T 43 S | R 19 W S 23 | S 24 S 26 | S 25 1936 raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner. Land, rolling desert, broken by small washes, draining SW.; general drainage and exposure SW? into Welcome Wash. Soil, loose sandy loam and sand, with gravelly clay subsoil; 4th rate. Undergrowth, creosote brush, cacti, Brigham tea and sagebrush.

Chains	
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 56'E., on a random line, between sections 24 and 25.
40.00	Set temporary ¼ section corner.
79.96	Intersect E. boundary of township at the corner of sections 19, 24, 25, and 30, heretofore described.
	Thence
	S.89° 56'W., on true line, between sections 24 and 25.
	Over nearly level desert, through medium dense growth of cacti, creosote brush, Brigham tea, and sagebrush; descend gradually along gentle SW. slope.
12.20	Wash, 70 links wide, 5 ft. deep, 30 ft. below the section corner, drains SW.
39.96	On general SW. slope, 60 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 24 / S 25 1936 raise a mound
	of stone, 3 ft. base, 1½ ft. high, N. of corner.
42.00	Wash, 50 links wide, 10 ft. deep, drains SW.
56.50	Wash, drains SW.
67.10	Unimproved road, bears NE. and SW.
72.30	Wash, 50 links wide, 3 ft. deep, drains S.30°W.
79.96	The corner of sections 23, 24, 25, and 26.
	Land, rolling and nearly level desert land; general drainage and exposure and SW.
	Soil, loose sand and sandy clay loam, with gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, Brigham tea, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 01'E., between sections 25 and 26.
	Over rolling desert, through medium dense growth of cacti, Brigham tea, creosote brush, and sagebrush; descend gradually along general SW. slope.

Chains	
23.10	Unimproved road, bears NE. and SW.
40.00	On gradual S. slope, 100 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked
	¼ S 26 | S 25 1936
	raise a mound
	of stone, 3½ ft. base, 2 ft. high, W. of corner.
41.90	Wash, 10 links wide, 2 ft. deep, drains S.15°W.
48.80	Wash, 30 links wide, 1 ft. deep, and 30 ft. below the ¼ section corner, drains S.20°W.; thence along bottom land, draining S.
68.20	Enter flood plain, about 30 chains wide, draining SW.
78.50	Wash, 50 links wide, 3 ft. deep, in flood plain, drains W.
80.00	On general SW. slope, 80 ft. below the ¼ section corner, near the E. edge of flood plain, bears N.25°E. and S. 25°W.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 25, 26, 35, and 36, with brass cap marked
	T 43 S | R 19 W S 26 | S 25 S 35 | S 36 1936.
	raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, rolling and broken desert, general drainage and exposure SW. from N.
	Soil, loose sand and gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, Brigham tea, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 56'E., on a random line, between sections 25 and 36.
40.00	Set temporary ¼ section corner.
79.96	Intersect the E. boundary of the township at the corner of sections 25, 30, 31, and 36, heretofore described.
	Thence
	S.89° 56'W., on true line, between sections 25 and 36.

Chains	
	Over broken desert land, through medium dense growth of cacti, sagebrush, Brigham tea, and creosote brush; descend gradually along general SW. slope to the section corner.
0.60	Wash, 15 links wide, 3 ft. deep, drains S.30°W.
8.10	Small wash, 10 links wide, 3 feet deep, drains S.30°W.
12.90.	Wash, 70 links wide, 2 ft. deep, drains S.20°W.
16.80	Wash, 30 links wide, 3 ft. deep, drains S.20°W.
37.00	Wash, 70 links wide, 2 ft. deep, drains S.30°W.
39.98	On general SW. slope, 50 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 25 ¼ S 36 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
56.20	Wash, 30 links wide, 3 ft. deep, drains SW.
67.40	Wash, 40 links wide, 3 ft. deep, drains SW.
77.60	Wash, 10 links wide, 3 ft. deep, drains SW.
79.96	The corner of sections 25, 26, 35, and 36, 50 feet below the ¼ section corner.
	Land, broken desert land, a series of small sandy and gravelly washes; general drainage and exposure SW.
	Soil, gravel with a gravelly clay subsoil, some sand along the bottom land of the washes; 4th rate.
	Undergrowth, cacti, sagebrush, Brigham tea, and creosote brush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 01'E., between sections 35 and 36.
	Over broken desert land, through medium dense growth of cacti, Brigham tea, creosote brush and sagebrush; descend gradually along general SW. slope in flood plain.
2.10	Wash, 4 links wide, 3 ft. deep, drains S.30°W.
17.70	Wash, 4 links wide, 3 ft. deep, and 40 ft. below section corner, drains S.55°W.
24.20	Wash, 4 links wide, 2 ft. deep, drains SW.
25.00	Leave flood plain from N., drains SW.

Chains	
39.00	Wash, 20 links wide, 3 ft. deep, drains SW.; continue over nearly level desert land to the closing corner, bears E. and W.
40.00	On gradual SW. slope, 70 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked
	¼ S 35 | S 36 1936
	raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
41.20	Immigrant road, bears N.65°E. to junction with U. S. Highway 91, and S.63°W. to Beaver Dam Wash.
46.41	Intersect the Utah-Arizona Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing corner of fractional sections 35 and 36, with brass cap marked
	C | C T43S | R19W S 35 | S 36 ARIZ 1936
	raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	From this corner the closing corner of sections 32 and 33, T. 42 N., R. 15 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., extending 12 ins. above the ground, properly marked and witnessed as described in the official record, bears W. 12.80 chains distant.
	From the same corner the sixth mile post on the Utah-Arizona State Boundary, which is limestone, 10x15x6 ins. above ground, firmly set, marked and witnessed as described in the official record, bears W. 39.46 chains distant.
	Land, broken desert, general drainage and exposure SW.
	Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, Brigham tea and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

From the corner of sections 2, 3, 34, and 35, on the N. boundary of the township, which is an iron post, 2 ins. diam., firmly set, properly marked and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.

U. S. GOVERNMENT PRINTING OFFICE

Chains	
	South 0° 01'E., between sections 2 and 3.
	Over broken desert land, through medium dense growth of cacti, creosote brush, Brigham tea and sagebrush; descend over general SW. slope.
3.80	Wash, 80 links wide, 3 ft. deep, and 90 ft. below the section corner, drains S.15°E. about 3 chains distant, thence SW.
10.80	Same wash, drains SW.
22.00	Wash, 70 ft. below rise, drains W. about 5 chains distant to junction with wash draining S.
39.20	Draw, 260 ft. below the section corner originates about 3 chains distant E., drains S.75°W. about 3 chains distant to junction with wash draining S.; ascend gradually over N. slope.
40.00	On gradual N. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 3 | S 2 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
41.60	Top of gradual ascent, slopes SW.; continue over nearly level desert land.
50.20	Point of small rise, bears SW. about 3 chains distant and NE.; descend gradually over general SW. slope.
55.80	Wash, 50 links wide, 60 ft. below point of rise, drains SW.; continue over broken desert land.
66.40	Wash, originates about 10 chains distantE., drains N.75°W.; continue over broken desert land.
69.60	Rise, slopes S.70°W. about 7 chains distant from a point about 8 chains distant NE.; continue over broken desert land to the section corner.
75.60	Branch spur, projects W. about 12 chains distant.
78.40	Wash, heads about 3 chains E. and drains W.
80.00	On N. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 2, 3, 10, and 11, with brass cap marked T 43 S | R 19 W S 3 | S 2 S 10 | S 11 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.

Chains	
	Land, broken desert, general drainage and exposure SW. from N.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, Brigham tea, and sage brush.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 2 and 11.
40.00	Set temporary ¼ section corner.
80.10	Intersect N. and S. line, 5 links E. of the corner of sections 1, 2, 11, and 12.
	Thence
	S.89° 58'W., on true line, between sections 2 and 11.
	Over broken desert land, through medium dense growth of cacti, creosote brush, Brigham tea and sagebrush; ascend gradually over broken E. slope.
4.30	Point of spur, projects S. about 20 chains distant; descend gradually over W. slope..
12.60	East bank of Welcome Wash, bears NW. and SE.; continue gradual descent over wash bottom.
20.40	Welcome Wash, 50 links wide, 5 ft. deep, drains S.20°E.; ascend gradually along wash bottom.
21.30	West bank of Welcome Wash, bears NE. and S.; ascend gradually over NE. slope.
26.00	Spur, 150 ft. above wash, projects S.20°E.; continue over broken desert land to ¼ section corner.
30.40	Branch spur, originates about 1 chain distant N., projects S.30°W. about 8 chains distant.
34.70	Draw, heads about 4 chains NE, drains S.30°W.
39.70	Spur, projects S.30°W. about 10 chains distant.
40.05	On W. slope, near top of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 2 ¼ —— S 11 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
43.10	Draw, heads about 5 chains N. and drains S.; continue over broken desert land, general drainage SW. to the section corner.

Chains	
48.70	Spur, heads about 5 chains NE., projects S.30°W.; descend.
52.60	Draw, originates about 5 chains distant NE.; drains S.30°W; ascend.
55.80	Spur, originates about 5 chains distant NE., projects SW. about about 7 chains distant; descend.
59.60	Draw, originates about 5 chains distant NE.; drains SW.; ascend.
63.90	Spur, originates about 3 chains distant N., projects S. about 5 chains distant, thence SW.
72.80	Small draw, originates about 3 chains distant NE., drains SW.
75.90	Spur, originates about 4 chains distant N., projects SW. about 10 chains distant.
80.10	The corner of sections 2, 3, 10, and 11, 45 ft. below spur.
	Land broken desert, general drainage and exposure SW.
	Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, Brigham tea, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

South 0° 01'E., between sections 10 and 11.

Over broken desert land, through medium dense growth of cacti, creosote brush, Brigham tea, and sagebrush; ascend generally along NW. slope 35 ft.

2.30	Spur, projects SW.; descend along gradual SE. slope 110 ft.
11.20	Small draw, drains SW.; ascend gradually along NW. slope.
14.10	Long, low spur, projects SW.; descend gradually along SE. slope.
16.10	Small draw, drains SW.; ascend gradually along NW. slope.
21.00	Long low spur, projects S.10°W. about 10 chains distant, thence SE.; continue over rolling desert land, bears NE. and SW.
24.50	Small draw, drains SE.;
40.00	On general SW. slope, 180 ft. below section corner.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked

S 10 | S 11

1936

raise a mound

Chains	
	of stone, 4 ft. base, 2 ft. high, W. of corner.
70.90	Unimproved road, bears E. and W.
76.10	Small wash, drains SW.
80.00	On general SW. slope, 80 ft. below section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 10, 11, 14, and 15, with brass cappmarked

T 43 S	R 19 W
S 10	S 11
S 15	S 14

1936

raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.

Land, broken desert N. 40 chains; rolling desert S. 40 chains; general drainage and exposure SW.

Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, creosote brush, cacti, Brigham tea, and sagebrush.

Timber, Joshua trees.

Poor grazing land.

North 89° 58'E., on a random line, between sections 11 and 14.

40.00 Set temporary ¼ section corner.

80.10 Intersect the N. and S. line, 2 links N. of the corner of sections 11, 12, 13, and 14.

Thence

S.89° 59'W., on true line, between sections 11 and 14.

Over rolling desert, through medium dense growth of cacti, creosote brush, Brigham tea and sagebrush; ascend gradually over rolling desert land.

10.10 Low, sandy rise, projects S.20°W. about 5 chains distant; descend gradually over W. slope.

15.40 East bank of Welcome Wash, bears N. and S.; descend abruptly over W. slope.

19.30 Welcome Wash, drains S.; road in wash bears S. and N. about 12 chains distant, thence W., and ascend gradually over E. slope.

21.20 West bank of Welcome Wash, bears N. and S.; descend gradually along S. slope.

30.90 Unimproved, abandoned road, bears NW. and SE.

33.90 Unimproved road, bears NE. and SW.; ascend gradually along SE. slope.

Chains	
38.00	Branch, sandy rise, bears SW. from junction about 2 chains distant N.; descend gradually along SW. slope.
40.05	On SW. slope of sandy, branch rise, 50 ft. below the section corner. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 11 / S 14 / 1936 raise a mound of stone, 4 ft. base, 2 ft. high, N. of corner.
45.10	Low, sandy rise, bears NE. about 8 chains distant, and SW. about 15 chains distant; descend gradually along general SW. slope.
48.30	Small draw, originates about 7 chains distant NE., drains SW.
49.00	Unimproved road, bears NE. and SW.; descend 90 ft. over rolling desert land.
80.10	The corner of sections 10, 11, 14, and 15. Land, broken and rolling desert E. 40 chains; rolling desert W. 40 chains; general drainage and exposure S., E. 40 chains and SW., W. 40 chains. Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate. Undergrowth, creosote brush, cacti, Brigham tea and sagebrush. No timber. Poor grazing land.

South 0° 01'E., between sections 14 and 15.

Over rolling desert, through a medium dense growth of cacti, creosote brush, Brigham tea, and sagebrush; descend gradually along general SW. slope.

4.60	Unimproved road, bears N.80°E. and SW.
13.90	Small draw, drains SW.; continue gradual descent.
28.10	Small wash, drains SW.
40.00	On general SW. slope, 70 ft. below the section corner, near the top of small, low, sandy rise, bears NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked

Chains

S 15 | S 14
1936

raise a mound

of stone, 4 ft. base, 2 ft. high, W. of corner.

48.00 Small draw, 20 feet below the ¼ section corner, drains SW.

56.00 Unimproved road, bears NE. and SW.

80.00 On general SW. slope, 90 ft. below the ¼ section corner near the top of small, sand rise, sloping SW.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 14, 15, 22, and 23, with brass cap marked

T 43 S | R 19 W
S 15 | S 14
S 22 | S 23
1936

raise a mound

of stone, 5 ft. base, 3 ft. high, W. of corner.

Land, rolling desert, general drainage and exposure SW.

Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, cacti, creosote brush, Brigham tea, and sagebrush.

Timber, Joshua trees.

Poor grazing land.

North 89° 59'E., on a random line, between sections 14 and 23.

40.00 Set temporary ¼ section corner.

80.14 Intersect the N. and S. line, 7 links S. of the corner of sections 13, 14, 23, and 24.

Thence

S.89° 56'W., on true line, between sections 14 and 23.

Over rolling desert, through a medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to the ¼ section corner.

38.90 Small draw, originates about 6 chains NE. and drains SW.

40.07 On general SW. slope, 30 ft. below the section corner, near the top of low, sandy rise.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

¼ S 14 / S 23
1936

Chains	
	raise a mound of stone, 4 ft. base, 2 ft. high, N. of corner.
48.10	East bank of Welcome Wash, bears NE. and SW. about 12 chains distant, thence S.30°E.
50.40	Welcome Wash, 40 feet below the ¼ section corner, drains SW. about 13 chains distant, thence S.30°E.
52.60	West bank of Welcome Wash, bears NE. and SW. about 20 chains distant, thence S.30°E.
75.00	Unimproved road, 50 feet below the ¼ section corner, bears NE. and SW.
80.14	The corner of sections 14, 15, 22, and 23.
	Land, rolling desert E. 50 chains; broken and rolling desert land W. 30 chains; general drainage and exposure SW.
	Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 01'E., between sections 22 and 23.
	Over rolling desert sloping SW. and nearly level desert land, through medium dense growth of cacti, creosote brush and sagebrush; descend very gradually along SW. slope to the section corner.
27.00	Unimproved road, bears N.5°E. and SW.
40.00	On general SW. slope, 80 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, and in a small mound of stone to the top, for the ¼ section corner, with brass cap marked ¼ S 22 | S 23 1936
	No suitable accessories available.
74.00	Unimproved road bears NE. and SW.
80.00	On general SW. slope, 90 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 22, 23, 26, and 27, with brass cap marked T 43 S | R 19 W S 22 | S 23 S 27 | S 26 1936
	raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.

Chains	
	Land, rolling desert, N. 20 chains; nearly level desert land, S. 60 chains; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	N.89° 56'E., on a random line between sections 23 and 26.
40.00	Set temporary ¼ section corner.
80.18	Intersect the N. and S. line, 2 links S. of the corner of sections 23, 24, 25, and 26.
	Thence
	S.89° 55'W., on true line, between sections 23 and 26.
	Over rolling and broken desert land, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to the section corner.
20.50	Castle Cliff Wash, 50 links wide, 3 ft. deep, 30 ft. below section corner, drains S.10°W.
40.09	On general SW. slope, 50 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 23 / S 26 1936 raise a mound of stone, 4 ft. base, 2 ft. high, N. of corner.
41.20	East bank of Welcome Wash, bears N. and SW.
43.30	Welcome Wash, 20 ft. below the ¼ section corner, drains SW. from N.
45.20	West bank of Welcome Wash, bears N. and SW.
78.40	Unimproved road, bears N. and S.
80.18	The corner of sections 22, 23, 26, and 27.
	Land, rolling and broken desert land, bears NE. and SW.; general drainage and exposure SW.
	Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

Chains	
	South 0° 01'E., between sections 26 and 27.
	Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend very gradually along general SW. slope to section corner.
40.00	On general SW. slope, 90 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 27 | S 26 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
40.90	N. bank of Welcome Wash, bears NE. and SW.
41.50	Welcome Wash, drains SW.
42.40	S. bank of Welcome Wash, bears NE. and SW.
80.00	On general SW. slope, 70 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 26, 27, 34, and 35, with brass cap marked T 43 S | R 19 W S 27 | S 26 S 34 | S 35 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W, of corner.
	Land, rolling desert; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 55'E., on a random line, between sections 26 and 35.
40.00	Set temporary ¼ section corner.
80.20	Intersect the N. and S. line, 2 links N. of the corner of sections 25, 26, 35 and 36.
	Thence
	S.89° 56'W., on true line, between sections 26 and 35.
	Over nearly level desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along gentle S. slope to the section corner across flood plain of Castle Cliff Wash.

Chains	
10.20	West edge of flood plain, bears N. and S.30°W.
40.10	On nearly level desert land, 30 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 26 / S 35 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
57.40	Unimproved road, bears N. and S.
63.70	Small draw, 20 ft. below the ¼ section corner, drains SW.; descend 15 ft. along gentle SW. slope.
80.20	The corner of sections 26, 27, 34, and 35.
	Land, nearly level desert; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

South 0° 01'E., between sections 34 and 35.

Over nearly level desert, through medium dense growth of cacti, creosote brush and sagebrush; descend gradually along gentle SW. slope to the closing corner.

7.80	Small wash, drains SW.
40.00	On gentle SW. slope, 60 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 34 | S 35 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
46.31	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the closing corner of fractional sections 34 and 35, with brass cap marked C | C T 43 S | R 19 W S 34 | S 35 ARIZ 1936

Chains	
	raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
	From this corner the closing corner of sections 31 and 32, T. 42 N., R. 15 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., extending 12 ins. above the ground, properly marked and witnessed by a mound of stone, 4 ft. base, 2 ft. high, S. of the corner monument, bears W. 12.64 chs. distant.
	From the same corner the 5th mile corner on the Utah-Arizona State Boundary, which is an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the official record, bears West 39.24 chains distant.
	Land, nearly level desert, general drainage and exposure SW.
	Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	From the corner of sections 3, 4, 33, and 34, on the N. boundary of the township, which is an iron post, firmly set, properly marked, and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.
	S.0° 02'E., between sections 3 and 4.
	Over broken desert land, through medium dense growth of cacti, creosote brush, yellowtop, and sagebrush; descend gradually along SE. slope.
.50	Draw, drains SW.; ascend gradually along NW. slope.
18.30	Low, gravelly spur, 30 ft. above the section corner, projects SW.; descend along SE. slope.
23.20	Draw, 70 ft. below gravelly spur, drains S.70°W.; ascend gradually along NW. slope.
33.00	Unimproved road, on top of rise, bears NE. and SW.; rise bears NE. and SW.; continue over nearly level land.
40.00	Leave neraly level land, bears E. and W.; enter rolling desert land, bears NE. and SW.; descend gradually over SE. slope.
	On gradual SE. slope, near top of rise.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 4 | S 3 1936
	raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
46.80	Draw, 70 ft. below the ¼ section corner, drains S.70°W.; ascend 55 ft. over NW. slope.

Chains	
80.00	On general S. slope, 90 feet below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 3, 4, 9, and 10, with brass cap marked T 43 S | R 19 W S 4 | S 3 S 9 | S 10 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, broken desert, N. 50 chains, a series of small, gravelly spurs and washes; general drainage and exposure S.70°W., rolling desert land, S. 30 chains; general drainage and exposure S.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 3 and 10.
40.00	Set temporary ¼ section corner.
80.08	Intersect the N. and S. line, 2 links S. of the corner of sections 2, 3, 10, and 11.
	Thence
	S.89° 59'W., on true line, between sections 3 and 10.
	Over broken desert land, through medium dense undergrowth of cacti, creosote brush, and sagebrush; descend over broken NW. slope.
15.00	Wash, 70 links wide, 50 ft. below the section corner, drains SW.; ascend 100 feet along SE. slope to the top of spur.
18.20	Unimproved road, bears N. and SE.
26.00	Low, gravelly spur, projects S., about 10 chains distant, from a point about 6 chains distant N.; descend over gravelly W. slope.
29.50	Small wash, 40 ft. below spur, originates about 5 chains distant NE., drains SW.; ascend along SE. slope.
31.80	Low spur, projects SW. about 20 chains distant; descend along NW. slope.
40.04	In bottom of small, branch wash, draining SW. 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

Chains	
	S 3 ¼ —— S 10 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
41.00	Point of small spur, projects SW. about 3 chains distant; descend over NW. slope.
46.40	Branch draw, drains S.; continue gradual descent over W. slope.
52.00	Branch draw, drains S.; ascend gradually over E. slope.
56.60	Small, branch spur, originates about 2 chains distant N., projects S. about 10 chains distant; continue gradual ascent over E. slope.
58.40	Enter rolling desert land, bears NE. and SW.; continue gradual ascent over E. slope.
69.00	Leave rolling desert land, bears N.15°E. and S.15°W.; enter broken desert land; descend over W. slope.
70.60	Small draw, originates about 5 chains distant N., drains S?; ascend gradually over E. slope.
73.20	Point of long rise from N., bears S. about 3 chains distant; descend gradually over W. slope.
74.40	Branch draw, originates about 3 chains distant N.30°E., drains S.30°E.; ascend gradually over E. slope.
78.80	Low, gravelly spur, originates about 6 chains distant N., projects S.5°W. about 8 chains distant; descend gradually along SW. slope.
80.08	The corner of sections 3, 4, 9, and 10.
	Land, broken desert, a series of small, gravelly spurs and washes, general drainage and exposure S.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay and subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 02'E., between sections 9 and 10.
	Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along SW. slope to section corner.
40.00	In bottom of small draw, draining S.20°W., 170 feet below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

Chains

$\frac{1}{4}$

S 9 | S 10

1936

raise a mound

of stone, 4 ft. base, 2 ft. high, W. of corner.

64.60 Wash, 50 feet below the $\frac{1}{4}$ section corner, drains SW.

80.00 On general SW. slope, 60 ft. below the $\frac{1}{4}$ section corner.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 9, 10, 15, and 16, with brass cap marked

T 43 S | R 19 W

S 9 | S 10

S 16 | S 15

1936

raise a mound

of stone, 5 ft. base, 3 ft. high, W. of corner.

Land, rolling desert, broken by small gravelly washes; general drainage and exposure SW.

Soil, loose sand, gravel and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, creosote brush, cacti and sagebrush.

Timber, Joshua trees.

Poor grazing land.

North 89° 59' E., on a random line, between sections 10 and 15.

40.00 Set temporary $\frac{1}{4}$ section corner.

80.10 Intersect the N. and S. line, 2 links S. of the corner of sections 10, 11, 14, and 15.

Thence

S. 89° 58' W., on true line, between sections 10 and 15.

Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to section corner.

17.30 Wash, 20 links wide, 2 ft. deep, and 60 ft. below the section corner, drains SW.

38.80 Unimproved road, bears NE. and SW.

40.05 On general SW. slope, 70 ft. below the section corner.

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

$\frac{1}{4}$ S 10

S 15

1936

raise a mound

Chains	
	of stone, 4 ft. base, 2 ft. high, N. of corner.
80.10	The corner of sections 9, 10, 15, and 16, 40 ft. below the ¼ section corner.
	Land, rolling desert, bears NE. and SW.; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South, 0° 02'E., between sections 15 and 16.
	Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to section corner.
14.70	Unimproved road, bears NE. and SW.
18.20	Same road, bears NW. and SE.
37.40	Same road, bears NE. and SW.
40.00	On general SW. slope, 100 feet below the section corner, and about 0.50 chain distant W. from the origin of a small draw, draining SW.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 16 | S 15 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
40.50	Wash, drains SW.
44.80	Road, bears NW. and SE.
47.00	Same road, bears NE. and SW.
49.30	Small wash, 30 ft. below the ¼ section corner, drains SW.
50.30	Same road, bears NW. and S.; continue gradual descent along general SW. slope.
77.00	Small wash, drains SW.
80.00	On general SW. slope, 170 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 15, 16, 21, and 22, with brass cap marked T 43 S | R 19 W. S 16 | S 15 S 21 | S 22 1936

Chains

raise a mound

of stone, 5 ft. base, 3 ft. high, W. of corner.

Land, rolling desert; general drainage and exposure SW.

Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, creosote brush, cacti and sagebrush.

Timber, Joshua trees.

Poor grazing land.

N.89° 58'E., on a random line, between sections 15 and 22.

40.00 Set temporary ¼ section corner.

80.08 Intersect the N. and S. line, 5 links N. of the corner of sections 14, 15, 22, and 23.

Thence

West, on true line, between sections 15 and 22.

Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to section corner.

39.00 Small wash, drains SW.

40.04 On general SW. slope, 60 ft. below section corner.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 15}{S\ 22}$$

1936

raise a mound

of stone, 4 ft. base, 2 ft. high, N. of corner.

77.70 Unimproved road, bears N. and S.

80.08 The corner of sections 15, 16, 21, and 22, 50 ft. below the ¼ section corner.

Land, rolling desert; general drainage and exposure SW.

Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, creosote brush, cacti, and sagebrush.

Timber, Joshua trees.

Poor grazing land.

South 0° 02'E., between sections 21 and 22.

Over rolling desert, through medium dense growth of

Chains	
	cacti, creosote brush, and sagebrush; descend gradually along general SW. slope to section corner.
4.60	Unimproved road, bears NE. and SW.
40.00	On general SW. slope, 70 ft. below the section corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 21 | S 22 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
75.30	Wash, 90 ft. below the ¼ section corner, from the NE., about 1 chain distant, drains SE.; thence SW.
76.80	Same wash, drains SW.
79.50	Same wash, drains SE.
80.00	On general SW. slope, near SW. bank of wash, 100 ft. below the ¼ section corner.. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 21, 22, 27, and 28, with brass cap marked T 43 S | R 19 W S 21 | S 22 S 28 | S 27 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, rolling desert; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 22 and 27.
40.00	Set temporary ¼ section corner.
80.06	Intersect the N. and S. line, 2 links N. of the corner of sections 22, 23, 26, and 27.
	Thence
	N.89° 59'W., on true line, between sections 22 and 27.
	Over nearly level desert, through medium dense growth of creosote brush, cacti, and sagebrush; descend gradually along general SW. slope to the section corner.

Chains

5.10 Unimproved road, bears NE. and SW.

40.03 On nearly level desert land, 40 ft. below section corner.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

¼ S 22 / S 27 1936

raise a mound

of stone, 4 ft. base, 2 ft. high, N. of corner.

61.60 Unimproved road, bears NE. and SW.

79.60 Wash, 30 links wide, 5 ft. deep, and 30 ft. below the ¼ section corner, drains S.

80.06 The corner of sections 21, 22, 27 and 28.

Land, nearly level desert; general drainage and exposure S.

Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.

Undergrowth, creosote brush, cacti, and sagebrush.

Timber, Joshua trees.
Poor grazing land.

South 0° 02'E., between sections 27 and 28.

Over nearly level and rolling desert, through medium dense growth of creosote brush, cacti, and sagebrush, and a sparse stand of wild grass and Brigham tea; descend gradually over general S. slope to the ¼ section corner.

2.00 Wash, 30 links wide, 5 ft. deep, drains S.5°W.; continue gradual descent over general S. slope.

38.70 Same wash, drains S. 4.40 chains distant, thence S.10°E.

40.00 On W. bank of wash, draining S.10°E., 70 ft. below section corner.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked

¼ S 28 | S 27 1936

No suitable accessories available.

58.80 Unimproved road, bears N.5°E. and SW.

80.00 On general S. slope, 90 ft. below ¼ section corner.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone,

Chains	
	for the corner of sections 27, 28, 33, and 34, with brass cap marked T. 43 S. | R. 19 W. S. 28 | S. 27 S. 33 | S. 34 1936
	No suitable accessories available.
	Land, nearly level desert, N. 40 chains; rolling desert land, S. 40 chains; general drainage and exposure S.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush, and a sparse stand of wild grass and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	South 89° 59'E., on a random line, between sections 27 and 34.
40.00	Set temporary ¼ section corner.
80.06	Intersect N. and S. line, 2 links S. of the corner of sections 26, 27, 34, and 35.
	Thence
	West, on true line, between sections 27 and 34.
	Over rolling desert, through medium dense growth of cacti, creosote brush, and sagebrush; descend gradually along general S. slope.
16.10	Welcome Wash, 20 links wide, 3 ft. deep, drains S.
16.80	Branch of Welcome Wash, 15 links wide, 2 ft. deep, drains S.
40.03	On general S. slope, 30 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S. 27 / S. 34 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
41.70	Unimproved road, bears N.40°E. and S.40°W.; ascend gradually over E. slope to the section corner.
74.80	Wash, 30 links wide, 5 ft. deep, drains S.
80.05	The corner of sections, 27, 28, 33, and 34, 30 ft. above wash.
	Land, rolling desert; general drainage and exposure SW.

Chains	
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 02' E., between sections 33 and 34.
	Over rolling and broken desert land, through medium dense growth of cacti, creosote brush, and sagebrush, and sparse stand of wild grass and Brigham tea; descend gradually along general SW. slope to closing corner.
18.10	Wash, 40 feet below the section corner, drains SW. about 8 chains distant to junction with wash draining S. continue gradual descent along general S. slope.
30.20	Leave rolling desert; enter broken desert, bears E. and W.; general drainage and exposure S.; continue gradual descent along general S. slope.
40.00	On broken S. slope, 100 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 33 | S 34 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
46.36	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing corner of sections 33 and 34, with brass cap marked C | C T 43 S | R 19 W S 33 | S 34 ARIZ 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
	From this corner the closing corner of T. 42 N., Rs. 15 and 16 W., Gila and Salt River Meridian, Arizona, which is an iron post, 3 ins. diam., extending 10 ins. above the ground, properly marked and witnessed by a mound of stone, 3 ft. base, 1½ ft. high, bears West, 11.95 chains distant.
	From this same corner the 4th mile corner on the Utah-Arizona State Boundary, which is an iron post, 3 ins. diam., firmly set, marked and witnessed in the official record, bears West 39.19 chains distant.
	Land, rolling desert N. 30.20 chains; general drainage

Chains	
	and exposure SW.; broken desert S. 16.26 chains; general drainage and exposure S.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay subsoil; 4th rate.
	Undergrowth, medium dense growth of creosote brush, cacti, and a sparse stand of wild grass and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	From the corners of sections 4, 5, 32 and 33, on the N. boundary of the township, which is an iron post, firmly set, properly marked and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.
	S.0° 03'E., between sections 4 and 5.
	Over broken desert land, through medium dense growth of cacti, creosote brush, and sagebrush.
14.00	Wash, 20 ft. below the section corner, originates about 5 chains distant NE., drains S.75°W.; ascend 20 ft. along NW. slope.
19.10	Gravelly spur, originates about 8 chains distant NE., projects SW.; descend 80 ft. along SE. slope.
22.30	Draw, originates about 15 chains distant NE., drains SW.; ascend 50 ft. along NW. slope.
32.40	Gravelly spur, originates about 8 chains distant NE., projects S.60°W.; continue gradual ascent along NW. slope.
39.00	Gravelly spur, originates about 10 chains distant, N.75°E., projects W. about 10 chains distant; descend over S.slope.
40.00	On SW. slope, 100 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 5 | S 4 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
44.90	Wash, 15 links wide, 60 ft. below the ¼ section corner, drains S.60°W.; ascend gradually along NW. slope.
50.50	Long, gravelly spur, 50 ft. above wash, projects SW.; descend gravelly SE. slope.
53.50	Draw, 40 ft. below gravelly spur, drains S.60°W.; ascend NW. slope.
57.80	Gravelly spur, 50 ft. above draw, originates about 10 chains distant NE., projects S.60°W.; descend SE. slope.

Chains	
61.20	Small draw, 20 ft. below spur, drains SW.; ascend gradually along NW. slope.
67.40	Top of gravelly spur, projects SW.; descend 80 ft. along SE. slope.
76.00	Draw, 70 links wide, 80 ft. below spur, drains S.30°W.; ascend gradually along NW. slope.
80.00	On NW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in a mound of earth and stone, for the corner of sections 4, 5, 8 and 9, with brass cap marked
	T 43 S R 19 W S 5 | S 4 S 8 | S 9 1936
	raise a mound
	of earth and stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, broken desert, a series of sandy and gravelly spurs and washes; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy loam, with a gravelly clay, and rocky subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 4 and 9.
40.00	Set temporary ¼ section corner.
80.04	Intersect the corner of sections 3, 4, 9 and 10.
	Thence
	West, on true line, between sections 4 and 9.
	Over broken desert land, through medium dense growth of Brigham tea, cacti, and sagebrush; descend gradually general S. slope.
7.90	Low gravelly spur, projects S.10°W.; descend gradually over W. slope.
11.40	Small draw, heads about 3 chains N., drains S. about 10 chains, thence SW.
13.20	Low, gravelly spur, 30 ft. below the section corner, projects S.30°W. about 10 chains distant; descend gradually along NW. slope.
16.30	Branch draw, 30 ft. below spur, originates about 3 chains distant N.30°E., drains S.30°W.; ascend gradually along SE. slope.
19.20	Low, gravelly spur, originates about 5 chains distant NE., projects S.15°W. about 15 chains distant; descend gradually over nearly level desert land.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—81155

Chains	
29.30	Road, on top of gravelly spur, bears NE. and SW.; spur originates about 7 chains distant NE., projects SW.; a branch spur originates about 4 chains distant SW., projects S.60°W.; descend gradually along NW. slope.
40.02	On NW. slope, 60 feet below spur. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 4 / S 9 1936 No suitable accessories available.
80.04	The corner of sections 4, 5, 8, and 9, 110 ft. below ¼ section corner. Land, broken desert; general drainage and exposure SW. Soil, loose sand, gravel, and sandy loam, with a gravelly, clay, and rocky subsoil; 4th rate. Undergrowth, Brigham tea, cacti, and sagebrush. Timber, Joshua trees. Poor grazing land.

	South, 0° 03'E., between sections 8 and 9. Over broken desert, through medium dense growth of cacti, Brigham tea, and sagebrush; ascend gradually over NW. slope to spur.
13.90	Low, gravelly spur, 40 ft. above section corner, projects SW.; descend along SE. slope.
17.60	Wash, 60 ft. below spur, originates about 6 chains distant NE., drains SW.; ascend 130 ft. along NW. slope.
24.20	Gravelly spur, projects SW.; descend along SE. slope.
27.90	Wash, 40 ft. below spur, drains SW.; ascend over N. slope.
33.30	Low, gravelly spur, originates about 8 chains distant E., projects W. about 5 chains distant; descend 80 ft. over S. slope.
39.40	Wash, originates about 12 chains distant E., drains W.; ascend gradually over N. slope.
40.00	On N. slope, near bottom of wash. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 8 | S 9 1936 raise a mound

Chains	
	of stone, 4 ft. base, 2 ft. high, W. of corner.
43.80	Gravelly spur, 30 ft. above the ¼ section corner, originates about 10 chains E., projects W. about 6 chains, thence SW.; descend over S. slope.
46.30	Wash, 30 ft. below spur, drains W. about 6 chains, thence SW.; ascend over N. slope.
50.70	Low, gravelly spur, 40 ft. above wash, projects W. about 5 chains; descend over S. slope.
65.80	Draw, 70 ft. below spur, originates about 5 chains NE., drains SW.; ascend along NW. slope.
80.00	Low, gravelly spur, 20 ft. above draw, projects SW. about 5 chains.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, to top, for the corner of sections 8, 9, 16, and 17, with brass cap marked
	T 43 S | R 19 W S 8 | S 9 S 17 | S 16 1936
	No suitable accessories available.
	Land, broken desert, general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy clay loam, with a gravelly clay and rocky subsoil; 4th rate.
	Undergrowth, cacti, Brigham tea, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 9 and 16.
40.00	Set temporary ¼ section corner.
80.06	Intersect N. and S. line, 2 links N. of the corner of sections 9, 10, 15, and 16.
	Thence
	N.89° 59'W., on true line, between sections 9 and 16.
	Over broken and rolling desert, through medium dense growth of cacti, Brigham tea, and sagebrush; ascend gradually along SE. slope.
12.40	SE. bank of wash, 10 ft. high, bears NE. and SW., thence over nearly level wash bottom land.
15.60	Wash, drains SW.
18.40	NW. bank of wash, 10 ft. high, bears NE. and SW.; thence over rolling desert to section corner.
18.70	Low, gravelly spur, projects SW.

Chains	
21.80	Wash, 20 ft. below spur, drains S. about 2 chains distant, thence SW.; ascend 30 ft. along SE. slope.
35.70	Low, gravelly spur, projects SW. about 15 chains distant; descend gradually along NW. slope.
39.10	Wash, heads about 12 chains NE., drains SW. about 10 chains; ascend gradually along SE. slope.
40.03	On SE. slope, 10 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 9 ¼ S 16 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
43.30	Low, gravelly spur, 40 ft. above the ¼ section corner, projects SW.; descend 40 ft. along NW. slope.
53.50	Wash, drains SW.; ascend 30 ft. along SE. slope to spur.
61.40	Unimproved road, bears NE. and SW.
61.60	Low, gravelly spur, projects SW.; descend along NW. slope.
75.10	Wash, 80 ft. below spur, drains SW.; ascend gradually along SE. slope.
80.06	The corner of sections 8, 9, 16, and 17.
	Land, broken and rolling desert, bears NE. and SW.; general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy clay loam, with a gravelly clay and rocky subsoil; 4th rate.
	Undergrowth, cacti, Brigham tea, and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.

	S.0° 03'E., between sections 16 and 17.
	Over broken and rolling desert, through medium dense growth of cacti, creosote brush, Brigham tea, and sagebrush; descend along SE. slope.
7.30	Wash, 80 ft. below the section corner, drains SW.; ascend along NW. slope.
14.60	Low, gravelly spur, 50 ft. above wash, projects SW.; thence over nearly level land along top of spur.
17.00	Unimproved road, bears NE. and SW.; descend along SE. slope.
24.40	Wash, 40 ft. below spur, drains SW.; ascend along NW. slope.

Chains	
37.10	Long, gravelly spur, 20 ft. above wash, projects SW.; descend 30 ft. along SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 17 | S 16 1936 raise a mound of stone, 4 ft. base, 2 ft. high, W. of corner.
41.80	Wash, 20 ft. below the ¼ section corner, drains SW.; ascend over NW. slope.
45.40	Small, gravelly spur, 20 ft. above wash, projects W. about 7 chains; descend over S. slope.
51.10	Draw, 60 ft. below spur, heads about 6 chains NE., drains S.60°W.; ascend gradually along NW. slope.
55.90	Long, gravelly spur, projects W. about 6 chains, thence SW.; descend 30 ft. along SE. slope.
80.00	On a SE. slope, Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 16, 17, 20, and 21, with brass cap marked T 43 S | R 19 W S 17 | S 16 S 20 | S 21 1936 raise a mound of stone, 4 ft. base, 2 ft. high, W. of corner. Land, broken and rolling desert, bears NE. and SW.; general drainage and exposure SW. Soil, loose sand, gravel, and sandy clay, with a gravelly, rocky subsoil; 4th rate. Undergrowth, creosote brush, cacti, Brigham tea and sagebrush. Timber, Joshua trees. Poor grazing land.

	South 89° 59'E., on a random line, between sections 16 and 21.
40.00	Set temporary ¼ section corner.
80.04	Intersect N. and S. line, 11 links S. of the corner of sections 15, 16, 21 and 22.
	Thence
	S.89° 58'W., on true line, between sections 16 and 21.
	Over rolling and broken desert, through medium dense

Chains	
	growth of cacti, Brigham tea, creosote brush, and sagebrush; descend 20 ft. along gradual, broken, general SW. slope, over a series of gravelly spurs and washes.
4.00	Wash, drains SW.
25.40	Wash, drains SW.
40.02	On top of small rise, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, to solid rock, for the ¼ section corner, with brass cap marked S 16 ¼ S 21 1936 raise a mound of stone, 4 ft. base, 2 ft. high, N. of corner. Ascend gradually along a SE. slope, 30 ft.
56.00	Gravelly spur, projects SW.; descend gradually along S. slope over a series of small gravelly spurs and washes; general drainage and exposure S.
75.00	Wash, 70 links wide, 100 ft. below the ¼ section corner, drains SW.; ascend abruptly 100 ft. along SE. slope.
80.04	The corner of sections 16, 17, 20 and 21. Land, E. and W. portion, broken desert; central portion, rolling; general drainage and exposure SW. Soil, loose sand, gravel, and sandy clay loam, with a gravelly clay and rocky subsoil; 4th rate. Undergrowth, cacti, creosote brush, Brigham tea, and sagebrush. Timber, Joshua trees. Poor grazing land.
	South 0° 03'E., between sections 20 and 21. Over broken desert, through medium dense growth of cacti, sagebrush, and sparse growth of creosote; descend along SE. slope.
8.70	Wash, 70 links wide, 120 ft. below section corner, drains SW.; ascend along NW. slope.
28.00	Gravelly rise, 120 ft. above wash, bears NE. and SW.; descend 20 ft. along SE. slope.
32.00	Wash, drains SW.; ascend 20 ft. along NW. slope.
34.40	Low, gravelly spur, projects SW.; descend along SE. slope.
39.50	Wash, 50 ft. below spur, drains SW.; ascend gradually along NW. slope.

Chains	
40.00	On gradual NW. slope, near bottom of wash. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 20 | S 21 1936 raise a mound of stone, 4 ft. base, 2 ft. high, W. of corner.
51.40	Gravelly spur, 20 ft. above the ¼ section corner, projects SW.; descend along SE. slope.
62.50	Gravelly wash, 140 ft. below spur, drains SW.; ascend gradually along broken NW. slope.
80.00	On broken NW. slope. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 20, 21, 28, and 29, with brass cap marked T 43 S | R 19 W S 20 | S 21 S 29 | S 28 1936 raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, broken desert, general drainage and exposure SW.
	Soil, loose sand, gravel, and sandy clay loam, with a gravelly and rocky clay subsoil; 4th rate.
	Undergrowth, sagebrush, creosote brush, and cacti.
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 56'E., on a random line, between sections 21 and 28.
40.00	Set temporary ¼ section corner.
80.00	Intersect N. and S. line 13 links N. of the corner of sections 21, 22, 27 and 28.
	Thence
	N.89° 58'W., on true line, between sections 21 and 28.
	Over nearly level desert, through medium dense growth of sagebrush, creosote brush and cacti.
15.00	Unimproved road, bears N. and S.
38.40	Unimproved road, bears NE. and SE.
40.00	On nearly level desert bench land. Set an iron post, 3 ft. long, 1 in. diam., 30 ins.

Chains	
	in the ground, for the ¼ section corner, with brass cap marked, S 21 / ¼ / S 28 / 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
	Continue over nearly level desert bench land.
53.20	West edge of bench land; enter broken desert, bears N. and S.; descend gradually along NW. slope.
65.80	Gravelly wash; 100 ft. below W. edge of bench, drains S.; ascend along gravelly SE. slope.
73.70	Gravelly, clay spur, 80 ft. above wash, projects SW. from N.; descend 100 ft. over abrupt W. slope.
80.00	The corner of sections 20, 21, 28 and 29.
	Land, nearly level, desert, bench, E. 53.20 chains; broken desert land, W. 26.80 chains.
	Soil, loose sand, gravel, and sandy clay, with a gravelly clay subsoil; 4th rate.
	Undergrowth, sagebrush, creosote brush, and cacti.
	Timber, Joshua trees.
	Poor grazing land.
	South, 0°03'E., between sections 28 and 29.
	Over broken, desert, bench, through medium dense growth of sagebrush, creosote brush, and cacti; ascend along W. slope, 40 ft.
3.40	Gravelly, clay spur, projects SW.; descend along general, broken SW. slope to the ¼ section corner.
40.00	On general broken SW. slope, 160 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 29 | ¼ | S 28 / 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
	Continue descent.
48.60	Large, gravelly wash, 50 ft. below the ¼ section corner, drains SW.; continue gradual descent over a series of small, gravelly, clay spurs and washes draining SW.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
79.90	Small wash, drains W.
80.00	On N. slope, 20 ft. above wash, and 100 ft. below the ¼ section corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 28, 29, 32, and 33, with brass cap marked T 43 S R 19 W S 29 | S 28 S 32 | S 33 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, W. of corner.
	Land, broken desert bench; general drainage and exposure SW.
	Soil, loose sand, gravel, and gravelly clay; 4th rate.
	Undergrowth, sagebrush, creosote brush, and cacti.
	Timber, Joshua trees.
	Poor grazing land.
	South 89°58'E., on a random line, between sections 28 and 33.
40.00	Set temporary ¼ section corner.
80.00	Intersect the corner of sections 27, 28, 33 and 34.
	Thence
	N.89°58'W., on true line, between sections 28 and 33.
	Over broken, desert, bench, through medium dense growth of creosote brush, cacti, sagebrush, and Brigham tea; descend gradually along NW. slope.
14.10	Wash, 60 ft. below the section corner, drains SW. from N.; ascend along broken SE. slope.
28.30	Long, gravelly spur, 60 ft. above wash, projects S.; descend gradually over W. slope.
28.60	Unimproved road, bears N. and S.; continue descent over abrupt gravelly W. slope.
36.10	Wash, 60 ft. below spur, drains S.; ascend 40 ft. over E. slope.
40.00	On gravelly E. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 28 ¼ S 33 1936 raise a mound

Chains	
	of stone, 4 ft. base, 2 ft. high, N. of corner.
44.30	Sandy and gravelly rise, on bench; descend 110 ft. over W. slope.
62.60	West edge of bench, bears N. and S.; descend 170 ft. over abrupt W. slope.
73.90	Gravelly wash, 25 ft. wide, drains S. about 5 chains; thence S.75°W.; ascend abruptly over E. slope.
77.40	Gravelly spur, projects S. about 2 chains, thence S. 75°W.; descend abruptly over W. slope.
80.00	The corner of sections 28, 29, 32, and 33.
	Land, rolling and broken desert bench; E.62.60 chains; broken desert land, W. 17.40 chains; general drainage and exposure S.
	Soil, loose sand, gravel and sandy clay, with a gravelly clay subsoil; 4th rate.
	Undergrowth, creosote brush, cacti, sagebrush, and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 03'E., between sections 32 and 33.
	Over broken desert, through medium dense growth of creosote brush, cacti, sagebrush and Brigham tea; descend along general, broken, SW. slope to closing corner.
2.80	Spur, 30 ft. above section corner, projects S.75°W.
9.40	Gravelly wash, 60 ft. below section corner, drains W. from NE.
30.00	Gravelly wash, 60 ft. below section corner, drains W.
40.00	On gradual SW. slope, 70 ft. below the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 32 | S 33 1936
	No suitable accessories available.
46.41	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing corner of sections 32 and 33, with brass cap marked C | C T 43 S | R 19 W S 32 | S 33 ARIZ 1936

Chains	
	raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
	From this corner the closing corner of sections 35 and 36, T. 42 N., R. 16 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., extending 14 ins. above the ground, properly marked and witnessed by a mound of stone, 4 ft. base, 2½ ft. high, S. of the corner, bears W. 11.97 chains distant.
	From this same corner the 3.051 mile post on the Utah-Arizona State Boundary, which is a lava stone, 10x8x16 ins. above ground, marked and witnessed as described in the official record, bears W. 34.90 chains distant.
	Land, broken desert, the general E. break of the Beaver Dam Wash, consisting of a series of small gravelly clay spurs and gravelly washes; general drainage and exposure S.75°W.
	Soil, loose sandy and gravelly, clay; 4th rate.
	Undergrowth, creosote brush, cacti, sagebrush, and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	From the corner of sections 5, 6, 31, and 32, on the N. boundary of the township, which is an iron post, 2 ins. diam., firmly set, properly marked and witnessed as described in the official record of the survey of T. 42 S., R. 19 W.
	South 0° 03'E., between sections 5 and 6.
	Over broken desert, through medium dense growth of creosote and sagebrush, and a scattered growth of Brigham tea; descend along gradual SE. slope.
2.30	Small, wash, 30 ft. below the section corner, drains S.60°W.; ascend gradually along NW. slope 30 ft.
14.50	Junction of spurs, one projecting S.55°W. about 40 chains, the other projecting SW. about 40 chains; descend gradually along SE. slope 40 ft.
16.80	Wash, 30 links wide, drains SW.; ascend along NW. slope.
25.60	Low, flat, spur, 80 ft. above wash, projects W. about 4 chains; descend along SE. slope.
30.10	Wash, 60 ft. below spur, drains SW.; ascend along NW. slope.
36.00	Spur, 60 ft. above draw, projects SW. about 15 chains distant; descend along SE. slope 45 ft.
39.80	Small wash, drains SW.; ascend gradually along NW. slope.
40.00	On NW. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked

Chains	
	S 6 | S 5 1936 raise a mound.
	of stone, 5 ft. base, 3 ft. high, W. of corner.
42.80	Long spur, 20 ft. above small wash, projects SW. about 6 chains; descend along SE. slope.
51.90	Large wash, 80 ft. below spur, drains SW.; ascend along NW. slope.
63.10	Gravelly spur, 80 ft. above large wash, projects SW.; descend along SE. slope.
70.50	Large, gravelly wash, 90 ft. below spur, drains SW.; ascend along NW. slope.
76.00	Gravelly spur, 40 ft. above wash, projects SW.; descend along SE. slope, 40 ft.
79.50	Wash, originates about 5 chains distant NE., drains SW.; ascend gradually along NW. slope.
80.00	On NW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 5, 6, 7, and 8, with brass cap marked T 43 S | R 19 W S 6 | S 5 S 7 | S 8 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
	Land, very broken desert; the general E. break of the Beaver Dam Wash; general drainage and exposure SW.
	Soil, gravel and gravelly clay on rocky subsoil; 4th rate.
	Undergrowth, creosote brush, sagebrush, and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	East, on a random line, between sections 5 and 8.
40.00	Set temporary ¼ section corner.
80.06	Intersect N. and S. line, 2 links S. of the corner of sections 4, 5, 8, and 9.
	Thence
	S.89° 59'W., on true line, between sections 5 and 8.
	Over very broken desert, through medium dense growth of creosote brush, sagebrush and Brigham tea; descend 80 ft. over gradual W. slope.
3.60	Wash, drains S. about 12 chains distant, thence SW.; ascend over E. slope.

Chains	
7.20	Top of spur, 60 ft. above wash, bears NE. and SW.; descend gradually along NW. slope.
11.20	Wash, heads N. about 4 chains distant, and drains S.; ascend gradually along SE. slope.
15.00	Low, gravelly spur, projects SW.; descend 80 feet along NW. slope.
22.10	Wash, drains SW.; ascend gradually along SE. slope.
24.50	Point of low spur, projects SW. about 5 chains; descend 30 ft. along NW. slope.
27.50	Wash, drains SW.; ascend gradually along SE. slope.
40.03	On a gradual SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 5 / S 8 1936 No suitable accessories available.
41.00	Spur, 40 ft. above wash, projects SW. about 9 chains; descend along NW. slope.
46.90	Small wash, heads about 6 chains NE., drains SW.; ascend along SE. slope.
53.30	Long, gravelly spur, 40 ft. above small wash, projects SW.; descend along NW. slope.
61.00	Wash, 80 ft. below spur, drains S.60°W. about 6 chains; continue descent over broken desert land, along general SW. slope.
65.50	Small wash, 120 ft. below spur, drains S.; ascend along steep, broken SE. slope.
77.60	Spur, 60 ft. above wash, projects SW.; descend 40 ft. over steep NW. slope.
80.06	The corner of sections 5, 6, 7, and 8. Land, broken desert, a series of small gravelly spurs and washes; general drainage and exposure SW. Soil, gravel and gravelly clay and rocky subsoil; 4th rate. Undergrowth, creosote brush, sagebrush, and Bwigham tea. Timber, Joshua trees. Poor grazing land.

West, on a random line, between sections 6 and 7.

40.00	Set temporary ¼ section corner.

Chains	
78.56	Intersect the W. boundary of the township, 2 links N. of the corner of sections 1, 6, 7, and 12, heretofore described.
	Thence
	N.89° 59'E., on true line, between sections 6 and 7.
	Over broken desert, through medium dense growth of creosote brush, sagebrush, Brigham tea, and black willow; descend 60 ft. over steep E. slope.
1.90	Base of steep descent, and enter bottom lands of Beaver Dam Wash, bears N.20°W. and S.20°E.; gradually descend along bottom land.
6.40	Enter well defined channel in Beaver Dam Wash, drains S.30°E.; continue over nearly level bottom land.
14.60	Leave well defined channel, drains S.30°E.; thence over bottom lands
22.60	Unimproved Beaver Dam Wash road, bears N.15°W., to the Edward S. Terry ranch and S.15°E. to junction with U.S. Highway 91; continue gradual ascent over W. slope.
27.50	East edge of Beaver Dam Wash, 60 ft. above road, bears N.30°W. and S.30°E.; ascend over broken, general SW. slope.
36.80	Wash, 30 links wide, 3 ft. deep, drains SW.; ascend gradually along NW. slope.
38.56	On gradual NW. slope, 30 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 6 / S 7 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
39.88	Point of sharp-crested, gravelly spur, projects SW. about 5 chains; descend 40 ft. along steep SE. slope.
42.50	Wash, 40 links wide, and 40 feet below spur, drains S.60°W.; ascend along steep N. slope.
65.80	Gravelly spur, 130 ft. above wash; projects S. about 5 chains, thence W.; descend over E. slope.
70.60	Wash, 50 ft. below spur, drains S. about 4 chains, thence SW.; ascend 20 ft. along NW. slope.
75.30	Gravelly spur, projects S. about 5 chains; descend gradually along SE. slope.
78.20	Small draw, drains SW.; ascend gradually along NW. slope.
78.56	The corner of sections 5, 6, 7, and 8.
	Land, broken desert; W. portion, bottom lands of Beaver Dam Wash; general drainage and exposure S.30°W.

Chains	
	Soil, gravelly and gravelly clay; 4th rate.
	Undergrowth, creosote brush, sagebrush, and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 03'E., between sections 7 and 8.
	Over broken desert, through medium dense growth of sagebrush, creosote brush, and Brigham tea; ascend along NW. slope.
4.80	Spur, 20 ft. above section corner, projects S.35°W.; descend along broken W. slope.
20.40	Wash, 30 links wide, 80 ft. below spur, drains W. about 3 chains distant, thence S.
22.40	Same wash, drains SE.
35.40	Same wash, 70 links wide, and 140 ft. below section corner, drains SW.
40.00	On general broken SW. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 7 | S 8 1936
	No suitable accessories available.
	Descend gradually over broken desert land, along general SW. slope.
46.40	Wash, 10 links wide, and 40 ft. below ¼ section corner, drains W. about 1 chain, thence SW.; continue gradual descent along general SW. slope.
55.90	Wash, 10 links wide, 60 ft. below ¼ section corner, drains SW.; ascend along NW. slope.
65.20	Gravelly spur, projects SW. about 15 chains; descend along general SW. slope.
80.00	On general SW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 7, 8, 17, and 18, with brass cap marked T 43 S | R 19 W S 7 | S 8 S 18 | S 17 1936
	raise a mound of stone, 4½ ft. base, 3 ft. high, W. of corner.
	Land, broken desert; the general E. break of the Beaver

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Chains	
	Dan Wash; general drainage and exposure SW.
	Soil, gravelly and gravelly clay; 4th rate.
	Undergrowth, sagebrush, creosote brush, and Brigham tea.
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 59'E., on a random line, between sections 8 and 17.
40.00	Set temporary ¼ section corner.
80.08	Intersect N. and S. line, 7 links S. of the corner of sections 8, 9, 16, and 17.
	Thence
	S.89° 56'W., on true line, between sections 8 and 17.
	Over broken desert, through medium dense growth of sagebrush and creosote brush; descend gradually over W. slope 15 ft.
4.30	Wash, drains S.; ascend gradually over E. slope.
7.50	Spur from the NE., 40 ft. above wash, projects SW. about 5 chains; continue descent along NW. slope.
20.30	Wash, 60 ft. below spur, drains S. about 8 chains, thence SW.; ascend along SE. slope.
25.60	Long, gravelly spur, 60 ft. above wash, projects SW.; descend along NW. slope.
33.80	Small wash, 60 ft. below spur, drains S. about 8 chains; ascend along SE. slope.
39.30	Long, gravelly spur, 40 ft. above wash, projects SW.; descend gradually along NW. slope.
40.04	On gradual NW. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 8 / S 17 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, N. of corner.
48.50	Small wash, 80 ft. below the ¼ section corner, drains SW.; ascend along SE. slope.
56.40	Gravelly spur, 70 ft. above wash, projects S.30°W.; from a point about 5 chains distant S.30°W., a branch spur projects W.; descend along NW. slope.
76.00	Gravelly wash, 100 links wide, 260 ft. below spur, drains SW.

Chains	
80.08	The corner of sections 7, 8, 17, and 18.
	Land, broken desert, the general E. break off the Beaver Dam Wash; general drainage and exposure SW.
	Soil, gravelly and gravelly clay; 4th rate.
	Undergrowth, sagebrush and creosote brush.
	Timber, Joshua trees.
	Poor grazing land.
	South 89° 59'W., on a random line, between sections 7 and 18.
40.00	Set temporary ¼ section corner.
78.62	Intersect W. boundary of the township at the corner of sections 7, 12, 13, and 18, heretofore described.
	Thence
	N.89° 59'E., on true line, between sections 7 and 18.
	Over nearly level bench, through medium dense growth of creosote brush; descend gradually over gentle E. slope.
6.70	Edge of bench, and enter scattered creosote brush, bears N. and S.; descend abruptly 340 ft. over broken steep E. slope.
27.40	Base of steep descent, bears N.30°W. and S.30°E.; enter bottom land, bears N.30°W. and S.30°E.; continue gradual descent.
29.40	Enter bottom lands of Beaver Dam Wash, sandy, gravelly, and rocky, drains S.30°E.
38.62	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 7 / S 18 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
	Continue over nearly level bottom land.
43.40	Unimproved road, bears N.25°W. to the Edward S. Terry ranch, and S.25°E. to junction with U. S. Highway 91; continue along nearly level bottom land.
51.70	Well defined channel in Beaver Dam Wash, 50 links wide, 3 ft. deep, drains S.25°E.; ascend gradually along gentle W. slope.
58.20	Leave bottom lands of Beaver Dam Wash, vertical conglomerate rim, 10 ft. high, bears N.25°W. and S.25°E.; ascend.
78.62	The corner of sections 7, 8, 17, and 18, 120 ft. above

Chains	
	¼ section corner.
	Land, broken desert, nearly level bottom lands of Beaver Dam Wash; general drainage southerly.
	Soil, gravelly and gravelly clay; 4th rate.
	Undergrowth, creosote brush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 05' E., between sections 17 and 18.
	Over broken desert, through medium dense growth of creosote and sagebrush; descend gradually over general SW. slope.
2.30	Large wash, drains W.; ascend gradually over N. slope.
6.70	Gravelly spur, 70 ft. above wash, projects S.75°W. about 20 chains; descend along SE. slope.
15.50	Point of low, gravelly spur, 30 ft. below spur at 6.70 chains point, originates about 12 chains distant E., projects SW. about 4 chains distant; continue gradual descent along broken SE. slope.
17.90	Wash, 60 ft. below point of spur, drains S.60°W.; descend along broken, general SW. slope.
22.90	Small wash, 10 links wide, drains W. about 4 chains to junction with Beaver Dam Wash; ascend gradually over N. slope.
25.00	Point of spur, projects W. about 3 chains.
34.10	Point of spur, projects W. about 3 chains; descend along general SW. slope.
38.10	Leave broken desert, bears NW. and S. 20°E.; enter gravelly and rocky bottom lands of Beaver Dam Wash.
40.00	On rocky and gravelly bottom land in Beaver Dam Wash, 80 ft. below point of spur at 34.10 chains point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked S 18 | ¼ | S 17 1936 raise a mound
	of stone, 4 ft. base, 2½ ft. high, W. of corner.
51.40	A well defined, gravelly and rocky channel in Beaver Dam Wash, drains S.30°E. about 4 chains, thence S.; continue gradual descent along bottom land through dense brush.
79.00	In bottom of Beaver Dam Wash.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins.

Chains

in the ground, for the witness corner to the corner of sections 17, 18, 19, and 20, with brass cap marked

T 43 S. | R 19 W.
S 18 | S 17
S 19 | S 20
W C
1936

raise a mound of stone, 5 ft. base, 3 ft. high, W. of corner.

80.00 True point for the corner of sections 17, 18, 19, and 20 falls in road, bears N.5°W. to the Edward S. Terry ranch, and S.10°E. to U. S. Highway 91. This road is in a well defined channel of the Beaver Dam Wash, which drains S.10°E., and it is impracticable to set a corner monument at this point.

Land, broken desert; N. 38.10 chains, the general E. break of the Beaver Dam Wash; S. 41.90 chains, bottom land; general drainage and exposure S.20°E.

Soil, gravelly and gravelly clay; 4th rate.

Undergrowth, creosote brush.

Timber, Joshua trees.

Poor grazing land.

From the true point for the corner of sections 17, 18, 19, and 20.

N.89° 56'E., on a random line, between sections 17 and 20.

40.00 Set temporary ¼ section corner.

80.10 Intersect the corner of sections 16, 17, 20, and 21.

Thence

S.89° 56'W., on true line, between sections 17 and 20.

Over broken desert land, through medium dense growth of creosote brush, sagebrush, and yellowtop; ascend gradually over SE. slope.

0.40 Gravelly spur, from the NW., projects SW. about 15 chains; descend gradually over general SW. slope.

7.10 Point of spur, projects SW. about 6 chs.; continue gradual descent over general SW. slope.

14.30 Wash, 20 links wide, 5 ft. deep, and 120 ft. below the section corner, drains S. about 10 chains, thence SW.; ascend along gradual SE. slope.

23.50 Spur, 120 ft. above wash, originates about 12 chains N.15°E., projects S.30°W. about 20 chains; descend along NW. slope.

29.80 Wash, 60 ft. below spur, drains SW.; ascend along SE. slope.

33.90 Gravelly spur, 60 ft. above wash, projects S.30°W. at a point 1 chain W.; a branch spur projects N.80°W.;

Chains	
	descend along SW. slope.
40.05	On steep SW. slope, 70 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 17 / S.20 / 1936 No suitable accessories available.
45.10	Low spur, 60 ft. below the ¼ section corner, projects S.60°W. about 8 chains; descend along NW. slope.
53.60	Wash, 120 ft. below spur, drains S.60°W. a junction formed by a wash from the E., bears N.60°E. about 3 chains; ascend 20 ft. along SE. slope.
55.60	Low, narrow, gravelly spur, projects S.60°W. about 13 chains; descend 170 ft. over broken, general W. slope.
66.00	Base of descent, bears N. and S.10°E.; enter bottom land in Beaver Dam Wash, bears N. and S.10°E.; general drainage S.10°E.; descend gradually along gravelly and rocky bottom land.
80.10	The true point for the corner of sections 17, 18, 19, and 20, which is S.0° 03'E., 1 chain distant from the witness corner to the corner of said sections. Land, broken desert E. 66 chains; W. 14.10 chains, bottom lands of Beaver Dam Wash; general drainage and exposure S. Soil. gravelly and gravelly clay and rocky; 4th rate. Undergrowth, creosote brush, sagebrush and yellowtop. Timber, Joshua trees. Poor grazing land.
	From the true point for the corner of sections 17, 18, 19, and 20. S.89° 58'W., on a random line, between sections 18 and 19.
40.00	Set temporary ¼ section corner.
78.72	Intersect W. boundary of the township, 2 links S. of the corner of sections 13, 18, 19, and 24, heretofore described. Thence East, on true line, between sections 18 and 19. Over broken desert, through medium dense growth of creosote brush and sagebrush; descend 40 ft. over E. slope.

Chains	
6.50	Large wash, drains S.10°W. about 8 chains, thence SE.; ascend 50 ft. over W. slope.
12.10	Point of spur from the NW., projects SW. about 6 chains; descend over E. slope.
15.90	Large wash, from the NW., 30 ft. below point of spur, drains SE. about 3 chains, thence SW.; ascend 90 ft. over broken SW. slope.
26.20	Spur, projects S.30°W.; descend along broken NE. slope.
38.72	On broken NE. slope, 140 ft. below spur, and about 1 chain S. from junction of small draws.
	Set a bowed iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 18 / S 19 1936
	No suitable accessories available.
43.30	Junction of washes, 50 ft. below ¼ section corner, one from N.30°E., the other from NW., drains SE.; ascend along broken SW. slope.
46.70	SW. edge of point of flat top spur, 60 ft. above ¼ section corner, bears NW. and S.10°E.; thence across top of spur.
49.10	Leave spur, bears N.10°W. and S.10°E.; descend along NE. slope.
63.50	Base of descent, 190 ft. below spur, bears N.20°W. and S.20°E.; enter bottom lands of Beaver Dam Wash, bears N.20°W. and S.20°E.; gradually descend across bottom lands.
78.30	W. edge of channel, in Beaver Dam Wash, bears N.10°W. and S.10°E.
78.72	The true point for the corner of sections 17, 18, 19, and 20, which is S.0° 03'E., 1 chain distant from the witness corner to the corner of said sections.
	Land, broken desert, W. 63.50 chains; the general W. break of the Beaver Dam Wash; bottom lands, E. 15.20 chains; general drainage and exposure SE.
	Soil, loose clay, gravelly and rocky; 4th rate.
	Undergrowth, creosote brush and sagebrush.
	Timber, Joshua trees.
	Poor grazing land

From the true point for the corner of sections 17, 18, 19, and 20, which is S.0° 03'E. 1 chain distant from the witness corner to the corner of said sections.

S.0° 03'E., between sections 19 and 20.

Chains	
	Over bottom lands of Beaver Dam Wash, in road, through medium dense growth of creosote brush, sagebrush, and yellowtop.
0.20	Leave unimproved road, bears N.10°W. to the Edward S. Terry ranch, and S.10°E. to junction with U. S. Highway 91; also leave channel of Beaver Dam Wash, drains S.10°E.
40.00	On bottom land, in Beaver Dam Wash, 20 ft. below the true point for the section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 19 | S 20 1956 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
58.20	Leave bottom land, bears N.20°W. and S.20°E.; enter broken desert land, bears N.20°W. and S.20°E.; ascend gradually along general, broken NE. slope.
62.90	Flood plain, 100 links wide, 3 ft. deep, drains E. about 2 chains distant to junction with bottom lands of Beaver Dam Wash, draining S.10°E.; ascend gradually over N. slope.
74.80	Junction of washes, one originates about 5 chains NW., the other about 5 chains N.75°W., drains E. to junction with Beaver Dam Wash; contunue gradual ascent along broken, general NE. slope.
78.90	Rise from the W. bears E. about 5 chains; descend gradually along general, broken SE. slope.
80.00	On steep SE. slope, 30 ft. below rise.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of sections 19, 20, 29, and 30, with brass cap marked T 43 S | R 19 W S 19 | S 20 S 30 | S 29 1936 raise a mound
	of stone, 3 ft. base, 2 ft. high, N. of corner.
	The true position for the mound of stone falls on an extremely eroded, steep SE. slope, at which point it is impracticable to raise a mound of stone.
	Land, nearly level bottom lands, N. portion; broken desert land, S. portion; the general W. break of the Beaver Dam Wash; general drainage and exposure S.20°E.
	Soil, gravelly clay and rocky; 4th rate.
	Undergrowth, creosote brush, sagebrush and yellowtop.
	Timber, Joshua trees.
	Poor grazing land.

Chains

North 89° 56'E., on a random line, between sections 20 and 29.

40.00 Set temporary ¼ section corner.

80.08 Intersect the corner of sections 20, 21, 28, and 29.

Thence

S.89° 56'W. on true line, between sections 20 and 29.

Over broken desert, through medium dense growth of creosote brush, sagebrush, and yellowtop; descend 120 ft. over broken NW. slope.

6.80 Enter wide draw, bears NE. and SW., drains SW.

24.80 The NW. edge of draw, bears N.80°E. and S.80°W.; ascend 80 ft. along abrupt SE. slope.

26.70 Point of gravelly spur, 50 ft. above wash, projects S.60°W. about 15 chains; descend along NW. slope.

39.10 Wash, 120 ft. below spur, originates about 12 chains NE., drains S.60°W.; continue gradual descent along general W. slope.

40.04 On gradual W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked

¼ S 20 / S 29 1936

raise a mound of stone, 4 ft. base, 2 ft. high, N. of corner.

44.60 Enter bottom lands of Beaver Dam Wash, bears N.10°W. and S.10°E.; thence across bottom lands of Beaver Dam Wash.

59.30 Channel of Beaver Dam Wash, drains S.10°E.

70.90 Unimproved Beaver Dam Wash road, bears N.25°W. to the Edward S. Terry ranch, and S.25°E. to junction with U.S.Highway 91.

75.10 Leave bottom lands in Beaver Dam Wash, bears N.10°W. and S.10°E.; ascend 100 ft. over abrupt E. slope.

80.08 The corner of sections 19, 20, 29, and 30.

Land, broken desert, E. portion; the general E. break of the Beaver Dam Wash, bottom land W. portion; general drainage and exposure S.10°E.

Soil, loose clay, gravelly clay and rocky; 4th rate.

Undergrowth, creosote brush, sagebrush, and yellowtop.

Timber, Joshua trees.

Poor grazing land.

Chains	
	West, on a random line, between sections 19 and 30.
40.00	Set temporary ¼ section corner.
78.78	Intersect W. boundary of the township at the corner of sections 19, 24, 25, and 30, heretofore described.
	Thence
	East, on true line, between sections 19 and 30.
	Over broken desert, through medium dense growth of creosote brush and sagebrush; descend along NE. slope.
7.60	Draw, 100 links wide, 70 ft. below the section corner, drains SE.; dim trace of road in bottom, bears NW. and SE.
12.50	Wash, drains SW.; ascend along SW. slope.
30.00	Spur, 60 ft. above wash, projects SE.; descend along NE. slope.
32.60	Branch draw, 40 ft. below spur, originates about 3 chains distant NW., drains S.15°E.; ascend over W. slope.
36.60	Spur, 40 ft. above branch draw, originates about 4 chains distant N., projects S. about 7 chains distant; descend over E. slope.
38.60	Branch draw, 10 ft. wide, 40 ft. below spur, drains S. about 15 chains distant to junction with branch draw at 32.60 chains point; ascend gradually along SW. slope.
38.78	On broken SW. slope, near bottom of small branch draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 19 / S 30 1936 raise a mound
	of stone, 5 ft. base, 3 ft. high, N. of corner.
41.20	SW. edge of broken bench land, bears SE. and N. about 20 chains distant, thence NW.; descend 60 ft. along SE. slope.
64.60	NE. edge of broken bench land, bears SE. and N. about 15 chains distant, thence NW.; descend along steep NE. slope.
69.00	Small ravine, originates about 7 chains distant NW., drains SE. about 15 chains distant to junction with Beaver Dam Wash; ascend over abrupt SW. slope.
74.60	Small, low spur, 30 ft. above ravine, projects SE.; descend 70 feet over an abrupt E. slope.
78.78	The corner of sections 19, 20, 29, and 30.
	Land, broken desert land; the general N. break of the Beaver Dam Wash; general drainage and exposure SE.
	Soil, loose clay and gravelly clay; 4th rate.

SUBDIVISION OF T. 43 S., R. 19 W.

Chains	
	Undergrowth, creosote brush and sagebrush.
	Timber, Joshua trees.
	Poor grazing land.
	South 0° 03'E., between sections 29 and 30.
	Over broken desert land, through medium dense growth of creosote brush and sagebrush, and a scattered growth of cactus; descend over an abrupt, gravelly S. slope.
2.60	Wash, 60 ft. below the section corner, drains E. about 8 chains; ascend over abrupt N. slope.
5.60	Enter broken bench land, 70 ft. above wash, bears NW. and SE.; descend 100 ft. over broken SE. slope.
14.80	Wash, drains SE.; ascend 90 ft. along steep NE. slope.
17.70	Enter top of broken bench, bears NW. and SE.; descend 60 ft. over SE. slope.
25.30	Wash, drains E. about 4 chains, thence SE.; ascend 40 ft. over E. slope.
29.60	Top of ascent, bears E. and W.; descend gradually along general, broken SE. slope.
40.00	On broken bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked ¼ S 30 | S 29 1936 raise a mound
	of stone, 4 ft. base, 2 ft. high, W. of corner.
	Ascend gradually along top of broken bench land.
44.90	Edge of broken bench, bears NW. and SE.; descend abruptly along steep, gravelly SW. slope.
50.70	Base of steep, gravelly SW. slope, bears NW. and E.; continue descent gradually along bottom land.
52.60	Wash, 75 links wide, 4 ft. deep, drains SE. from NW.
55.30	Unimproved road, bears NW. and SE.
59.20	Leave bottom land, bears NW. and E.; ascend gradually over NE. slope.
65.30	Brown, clay spur, 30 ft. above bottom land, projects E. about 15 chains; descend along abrupt SW. slope.
71.50	Wash, 50 links wide, 70 ft. below spur, drains E.; ascend gradually along NW. slope.
78.90	Brown, clay spur, projects NE.; descend 30 ft. along abrupt SE. slope.
80.00	On steep, loose, brown clay E. slope.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quart of charcoal deposited alongside the iron post, for the corner of sections 29, 30, 31, and 32, with brass cap marked T 43 S | R 19 W S 30 | S 29 S 31 | S 32 1936
	No suitable accessories available.
	Land, broken desert; the general W. break of the Beaver Dam Wash; general drainage and exposure SE.
	Soil, loose clay, gravel, and gravelly clay on rocky subsoil; 4th rate.
	Undergrowth, medium dense growth of sagebrush and a scattered growth of cactus.
	Timber, Joshua trees.
	Poor grazing land.
	North 89° 56'E., on a random line, between sections 29 and 32.
40.00	Set temporary ¼ section corner.
80.10	Intersect N. and S. line, 2 links N. of the corner of sections 28, 29, 32, and 33.
	Thence
	S.89° 57'W., on true line, between sections 29 and 32.
	Over broken desert and bottom land, through medium dense growth of creosote brush and sagebrush, cacti and wild grass; descend over broken NW. slope.
7.10	Wash, 20 links wide, 60 ft. below section corner, drains W.; continue gradual descent over nearly level bottom land, bears S.80°W. and N.80°E.
14.60	Leave bottom land in wash, drains S.80°W., bears S.80°W. and N.80°E.; ascend gradually along SE. slope.
28.00	Enter bottom lands of Beaver Dam Wash, 190 ft. below the section corner, bears N.30°W. and S.30°E.; descend gradually over bottom land, draining S.
37.10	Enter channel in Beaver Dam Wash, drains S.30°E.; vertical conglomerate E. bank, 15 ft. high, bears N. 30°W. and S.30°E.
40.05	On sandy and gravelly bottom land in Beaver Dam Wash, drains S. 250 ft. below section corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ section corner, with brass cap marked ¼ S 29 / S 32 1936 raise a mound

Chains	
	of stone, 4 ft. base, 2 ft. high, N. of corner.
44.60	Leave channel in Beaver Dam Wash, drains S. from N.30°W.; vertical, gravelly bank, 3 ft. high, bears N.30°W. and S.
55.30	Unimproved Beaver Dam Wash road, bears N. to the Edward S. Terry ranch, and SE. to junction with U. S. Highway 91.
79.00	Leave bottom lands of Beaver Dam Wash, 80 ft. above the ¼ section corner, bears N. and S.10°E.; ascend gradually over E. slope.
80.10	The corner of sections 29, 30, 31, and 32.
	Land, broken desert, E. portion; the general E. break of the Beaver Dam Wash; bottom land, W. portion; general drainage and exposure SW. for E. portion; S. for W. portion.
	Soil, loose clay, sand and gravel, and gravelly clay on rocky subsoil; 4th rate.
	Undergrowth, creosote brush, sagebrush, cacti, and wild grass.
	Timber, Joshua trees.
	Fair grazing land.

West, on a random line, between sections 30 and 31.

40.00	Set temporary ¼ section corner.
78.92	Intersect the W. boundary of the township, 2 links N. of the corner of sections 25, 30, 31, and 36, heretofore described.

Thence

N.89° 59'E., on true line, between sections 30 and 31.

Over broken desert bench, through medium dense growth of creosote brush, sagebrush, and wild grass; ascend gradually along SW. slope.

20.10	Clay rise, bears NW. and SE.; descend along broken NE. slope.
23.30	Wash, 50 ft. below rise, drains SE.; ascend gradually along broken SW. slope.
31.40	Clay spur, projects S.20°E.; descend broken NE. slope.
38.92	On steep broken NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a cobblestone, marked X, deposited alongside, for the ¼ section corner, with brass cap marked

¼ S 30 / S 31

1936

No suitable accessories available.

Chains	
40.60	Wash, 20 ft. below the ¼ section corner, drains SE.; ascend abruptly along SW. slope.
45.40	Clay rise, 100 ft. above wash, bears NW. and SE.; thence over nearly level land, bears NW. and SE.
48.20	Leave level land, bears NW. and SE.; descend along broken NE. slope.
55.30	Wash, 50 ft. below rise, drains S.20°E.; ascend gradually along broken SW. slope.
76.90	Narrow, clay spur, projects S.; descend over abrupt E. slope.
78.92	The corner of sections 29, 30, 31, and 32.
	Land, broken desert; the general W. break of Beaver Dam Wash; general drainage and exposure SE.
	Soil, loose clay, gravel, and gravelly clay on rock subsoil; 4th rate.
	Undergrowth, creosote brush, sagebrush, and wild grass.
	Timber, Joshua trees..
	Fair grazing land.
	South 0° 05'E., between sections 31 and 32.
	Over broken desert, through scattered growth of sagebrush, wild grass, and creosote brush; ascend gradually along NE. slope.
10.00	Clay spur, 40 ft. above the section corner, projects SE. about 20 chains; descend along broken SW. slope.
14.50	Wash, 50 links wide, 60 ft. below spur, drains SE. about 5 chains, thence S.10°W.; continue gradual descent.
31.50	Wash, from N.60°W., drains S.60°E. about 1 chain to junction with wash from the north, thence SE. ascend along NE. slope.
35.10	Clay spur, projects SE.; descend along SW. slope.
37.80	Wash, 50 ft. below spur, drains SE.; ascend gradually along NE. slope.
39.00	Small, clay spur, projects SE. about 5 chains; descend 50 ft. along broken, SW. slope..
40.00	On broken, general SE. slope, near the base of clay spur.
	Set an iron post, 5 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner, with brass cap marked S 31 | S 32 1936
	No suitable accessories available.

Chains

40.50 Small wash, drains E., ascend along broken N. slope.

41.80 Clay spur, projects E. about 1 chain, thence N.80°E. about 5 chains; descend 60 ft. along broken SE. slope.

46.36 Intersect the Utah-Arizona State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 31 and 32, with brass cap marked

C C
T 43 S | R 19 W
S 31 | S 32
ARIZ
1936

No suitable accessories available.

From this corner the closing corner of sections 34 and 35, T. 42 N., R. 16 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., extending 12 ins. above the ground, properly marked and witnessed by a mound of stone, 3 ft. base, 2 ft. high, E. of the corner, bears W. 11.77 chains distant.

From this came corner, the 2nd mile post on the Utah-Arizona State Boundary, which is an iron post, firmly set, marked and witnessed as described in the official record, bears W. 24.80 chains distant.

Land, broken desert bench, bears NW. and SE.; the general W. break of Beaver Dam Wash; general drainage and exposure SE.

Soil, loose clay, gravel, and gravelly clay, on rocky subsoil; 4th rate.

Undergrowth, sagebrush, creosote brush, and wild grass.

Timber, Joshua trees.

Fair grazing land.

GENERAL DESCRIPTION

The land in T. 43 S., R. 19 W., is comprised of rolling, broken, and nearly level desert, sloping gradually toward the southwest and southeast to Beaver Dam Wash. The east and northeast portion is gently rolling desert, broken by small washes, situate near the base of the Beaver Dam Mountains, at an approximate elevation of 4,000 feet above sea level. Many small gravelly washes in the eastern portion drain southwesterly into Welcome Wash, which drains in a southerly direction from the north boundary of the township, in section 2, where it enters the township, and leaves the township on the south boundary of section 34. The central portion of the township is comprised of nearly level desert, sloping gradually toward the southwest. The western portion of the township is rough and extremely eroded, broken by numerous sandy and gravelly washes, which drain into the Beaver Dam Wash, which was dry at the time of survey. The Beaver Dam Wash, which is approximately 80 chains wide, and 200 feet deep, enters the township on the west boundary in section 6,

and drains in a southeasterly direction, leaving the township on the south boundary of section 32. Several unimproved roads enter the eastern portion of the township, from U. S. Highway 91, whereby access is gained to all sections in the eastern portion, and some sections in the extremely broken western portion of this township. There is an unimproved road situate in the bottom of Beaver Dam Wash, which is travelled by automobile when there is no flood water draining through the wash.

The soil within this township consists of sand, gravel, loose clay, and gravelly clay. In the broken portion east of the Beaver Dam Wash, the nearly level central portion, and the eastern portion of the township, the soil is loose gravel with a gravelly clay subsoil. Along the bottom land of the Beaver Dam Wash the soil is loose sand and gravel with a gravelly clay subsoil. The soil along the southwest portion of land west of the Beaver Dam Wash is a loose brown clay.

There are a few scattered juniper trees in section 1, and a growth of Joshua trees cover the entire area under survey. The undergrowth consists of creosote brush, sagebrush, and cacti, and a scattered growth of Brigham tea, yellowtop and wild grass.

On account of the sparse growth of wild grass and browse, and the absence of water, grazing is not favorable, and there were no settlers in the township at the time of this survey. Water for culinary purposes was obtained at the Castle Cliff Service Station, to which place it is piped from Summit Spring nearby.

No indication of oil, oil shale, coal, gold, silver, copper or other minerals were noted.

In those places where it is recorded that there are no suitable accessories available, monumentation was impracticable because there are no trees or stone suitable for raising mounds near these points.

The mean magnetic variation is 16° 30'E.

4—680
(August, 1920)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
John H. McGuire	Cornerman
Bish Farley	Prin. Asst.
John Murphy	Axman
Russell Alley	Axman
Jack Ames	Flagman
Delmar Reay	Axman
Dale P. Olson	Axman
Reginald Stirk	Axman
George Pickering	Cornerman
Lerenzo Wayne Day	Axman
Joseph D. Thomas	Flagman
Marbeth Snow	Axman
Thomas H. Dugan	Axman
Claude F. Peterson	Cornerman

6—2764

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

We, Andrew Nelson, ~~U. S.~~ Surveyor and
I, Kelvin Winwood, Transitman ~~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 March, 1933, we have well, faithfully, and truly in our own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed the east and west boundaries and subdivision of T.43 S., R.19 W.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us, 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.

Andrew Nelson
~~U. S.~~ Surveyor.
Kelvin Winwood
Transitman

APPROVAL

OFFICE OF ~~U. S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado DEC 15 1937, 19

The foregoing field notes of the survey of the east and west boundaries and subdivision of T.43 S., R.19 W.

executed by Andrew Nelson, ~~U.S.~~ Surveyor, and Kelvin Winwood, Transitman under his special instructions dated March 17, 1937, ~~for~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey 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.~~

U. S. GOVERNMENT PRINTING OFFICE: 1937 6—2764

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4—879
(April 1933)

BOOK NO."B"

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE W. BOUNDARY OF T. 43 S., R. 20 W.

AND

SUBDIVISION OF T. 43 S., R. 20 W.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Andrew Nelson, ~~U.S.~~ Surveyor

and

Kelvin Winwood, Transitman (temporary) P.W.A.

Under special instructions dated March 17, *19*33, *which provided for the surveys included under Group No.* 233, Utah, *bearing the approval of the Commissioner of the General Land Office under date of* September 19, 1933 *and assignment instructions dated* May 12, *19*36, and supplemental assignment instructions dated, October 24, 1936

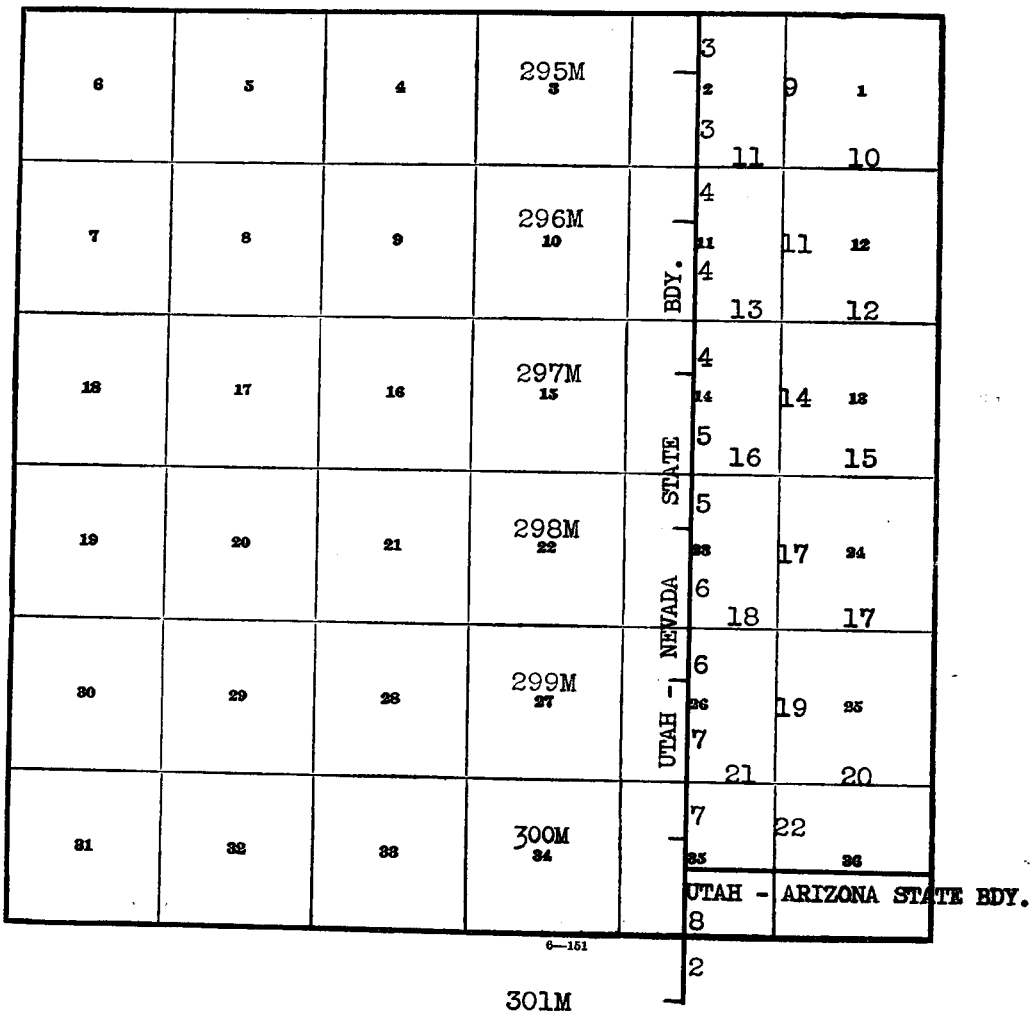
Survey commenced December 3, *19*36

Survey completed December 10, *19*36

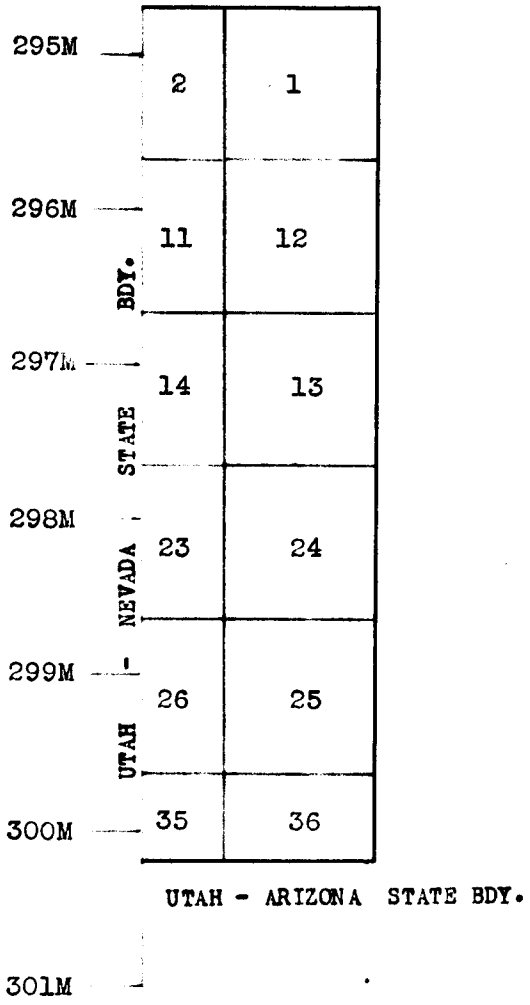
U. S. GOVERNMENT PRINTING OFFICE 6—181

INDEX DIAGRAM.

Township 43 South, *Range* 20 West



T. 43 S., R. 20 W., Group 233, Utah



All lines colored in red were surveyed by Andrew Nelson, ~~U.S.~~ Surveyor.

All lines colored in orange were surveyed by Kelvin Winwood, Transitman, P.W.A.

U. S. GOVERNMENT PRINTING OFFICE 6—6155

Chains

DESCRIPTION AND TEST OF INSTRUMENTS

Survey commenced December 3, 1936, and executed with Buff and Buff light mountain transits Nos. 14,191 and 9,210 used by Andrew Nelson, U.S. Surveyor and Kelvin Winwood, Transitman, P.W.A. respectively. Each instrument is equipped with Smith Solar attachment and full vertical circle; the horizontal limb of each transit is 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 circles. These 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 May 12, 1936, and supplemental assignment instructions dated October 24, 1936.

The instruments were in good condition at the time of this survey, and all adjustments were in good order. The country over which the lines are to be extended is all open desert, therefore the solar attachments are not used and all azimuths in this record are referred to true meridians determined by observations made upon Polaris during the progress of the survey, by the method of deflection angles and calculated courses, and the lines were carried forward by the method of double fore and back sights.

The geographic position of the SW. cor. of T. 43 S., R. 20 W., or the initial monument at the SW. cor. of Utah and the NW. cor. of Arizona, is given by the U.S. Coast and Geodetic Survey as being; latitude 37°00'00.784"N.; longitude 114°02'57.302"W.

December 3, 1936, at the closing cor. of secs. 2 and 11 T. 43 S., R. 20 W. on the Utah-Nevada boundary in approximate latitude 37°04'N.; longitude 114°03'W., at 5h 40.7m p.m. by my watch which carries correct 105th meridian standard time by comparison with naval observatory time, received hourly by radio time signals. I make an hour angle observation on Polaris, east of the meridian, two each with telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 20 chains N. in the direction E. to Polaris.

Watch fast of local mean time	0h 36.2m
Local mean time of observation ...	5h 04.5m p.m.
Mean hor. angle from Polaris to flag	1°02'
Azimuth of Polaris	1°02'E.
True bearing of line	North

MEASUREMENTS

The measurements were made with Lallie steel ribbon tapes 5 chains and 8 chains in length; each tape is graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin steel standard tape and found correct The measurements were made on the slope; the vertical angles were determined by clinometers in good adjustment, two to each tape; the field notes show the horizontal equivalents.

DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY, ALONG THE W. BOUNDARY OF T. 43 S., R. 20 W.

Reestablishment of surveys executed by I.E. James, U.S. Deputy Surveyor, in 1870

Random Lines

Commence at the closing cor. of Ts. 42 and 43 S., R. 20 W. on the Utah-Nevada State boundary, which is an iron post, 3 ins. diam., extending 10 ins. above the ground, firmly set, properly marked, and witnessed as described in the official record of the survey of T. 42 S., R. 20 W., group 92, Utah.

Thence

S.2°36'E. (record course) for signal at the 295th mile cor.

32.00 Intersect the 295th mile cor., hereinafter described.

Thence

S.0°26'E., on a random line along the 296th mile.

80.00 Record distance, find no trace of the 296th mile post.

Continue S.0°26'E., with continuous measurement.

160.00 Record distance, find no trace of the 297th mile post.

Continue S.0°26'E., with continuous measurement.

240.00 Record distance, find no trace of the 298th mile post.

Continue S.0°26'E., with continuous measurement.

320.88 Fall 114 lks. W. of the 299th mile post, hereinafter described.

The bearing of this line bet. the 295th and 299th mile cors. therefore is S.0°38'E., and the proportionate length of each mile is 80.22 chs.

From the 299th mile cor.

South, on a random line, along the 300th mile.

80.18 Fall 9 lks. W. of the 300th mile post, hereinafter described.

The bearing of this line, therefore is S.0°04'E., and the distance is 80.18 chs.

From the 300th mile post

S.0°06'E., (record course) along the 301st mile.

DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE W. BOUNDARY OF T. 43 S., R. 20 W.

Chains	
13.24	Intersect the Initial Monument, hereinafter described.
	Continue on same line for alinement only
	Intersect the 301st mile cor., which is a limestone rock 14"x10"x8", with letter and digits 1½ ins. square, marked 301 M on the N. face, firmly set, and witnessed as described in the official record.
	The bearing of this line, therefore is S.0°06'E.

True Lines

From the 295th mile cor., which is an iron post, 2 ins. diam., extending 15 ins. above the ground, firmly set, properly marked and witnessed as described in the official record of the survey of T. 42 S., R. 20 W., group 92, Utah.

Thence

N.2°36'W., along the 295th mile

Over nearly level land, through a dense growth of creosote brush, about 4½ feet high

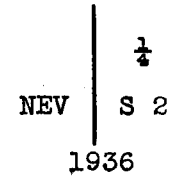
28.20	The Transcontinental Telephone Line, brs. N.43°54'E. and S.43°54'W.
28.30	Unimproved road, brs. NE. to Beaver Dam Wash, and SW.
32.00	The closing cor. of Ts. 42 and 43 S., R. 20 W., heretofore described.

From the 295th mile cor., heretofore described.

Thence

S.0°38'E., along the 296th mile .

7.995	Midpoint bet. the closing cor. of Ts. 42 and 43 S., R. 20 W., and the closing cor. of secs. 2 and 11, T. 43 S., R. 20 W.,
	Set an iron post, 3 ft. long, 1 in. diam. 15 ins. in the ground, to solid limestone and in a mound of earth to the top, alongside deposit one quart of charcoal, for the ¼ sec. cor. on the W. bdy. sec. 2, with brass cap marked



No other accessories available.

47.96	Point for the closing cor. of secs. 2 and 11, hereinafter described

DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE W. BOUNDARY OF T. 43 S., R. 20 W.

Chains

80.22 On nearly level desert; proportionate measurement,

Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground to solid limestone, with broken glass deposited alongside, and in a mound of earth to the top, for the restored 296th mile cor., with brass cap marked

NEVADA | UTAH

296M

1936

No other accessories available.

Land, nearly level; very slight southern exposure and drainage.

Soil, shallow, red, sandy loam, with a limestone bedding or subsoil, 2nd rate.

Undergrowth, dense creosote brush growing to a height of about 4½ feet.

No timber.

Poor grazing land.

S.0°38'E., along the 297th mile

Over nearly level desert, through a dense growth of creosote brush

7.76 Midpoint bet. the closing cors. of secs. 2 and 11, and 11 and 14,

Set an iron post, 3 ft. long, 1 in diam., 10 ins. in the ground to solid rock, alongside deposit one quart of charcoal, and in a mound of earth to the top, for the ¼ sec. cor., on the W. bdy. of sec. 11, with brass cap marked

¼

NEV | S11

1936

No other accessories available.

47.78 Point for the closing cor. of secs. 11 and 14, hereinafter described

80.22 On nearly level land, 35 feet below the 296th mile cor.; proportionate measurement,

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with broken glass deposited alongside, and in a mound of earth to the top, for the restored 297th mile cor., with brass cap marked

Chains

NEVADA | UTAH

297M

1936

No other accessories available.

Land, nearly level.

Soil, shallow, red, sandy loam, with a limestone subsoil, 3rd rate.

Undergrowth, creosote brush.

Timber, scattered joshua trees.

Poor grazing land.

S.0°38'E. along the 298th mile

Over nearly level desert land, through a medium dense growth of creosote brush and joshua trees.

7.59 Midpoint bet. the closing cors. of secs. 11 and 14, and 14 and 23,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken glass deposited alongside, and in a mound of earth to the top, for the ¼ sec. cor. on the W. bdy of sec. 14, with brass cap marked

NEV | S ¼ 14

1936

raise a mound of earth, 5 ft. base, 3 ft. high, E. of the cor.

47.62 Point for the closing cor. of secs. 14 and 23, hereinafter described

80.00 Swale, drains SW.

80.22 On a gentle SW. slope, 20 feet below the 297th mile cor., near small swale, draining SW.; proportionate measurement,

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside deposit a quart of charcoal, and in a mound of earth and stone to the top, for the restored 298th mile cor., with brass cap marked

NEVADA | UTAH

298M

1936

No other accessories available.

Land, nearly level, slight drainage and exposure SW.

Soil, shallow, sandy loam, with a limestone subsoil,

Chains	
	4th rate.
	Undergrowth, creosote brush.
	Timber, joshua trees.
	Poor grazing land.
	S.0°38'E., along the 299th mile
	Over nearly level land, through a medium dense growth of joshua trees and a scattered growth of creosote brush; desc. 10 feet along a gentle SW. slope
2.40	Leave nearly level land, enter rolling land, brs. NE. and SW.
7.425	Midpoint bet. the closing cors. of secs. 14 and 23, and 23 and 26,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken glass deposited alongside, for the ¼ sec. cor. on the W. bdy. of sec. 23, with brass cap marked NEV | ¼ S23 1936 raise a mound of stone, 5 ft. base, 3 ft. high, E. of the cor.
	Continue over rolling desert
37.50	Commence gradual descent of 40 feet along a gentle SW. slope
47.45	Point for the closing cors. of secs. 23 and 26, hereinafter described; continue gradual descent of 20 feet along a S. slope to swale.
48.00	Unimproved road, brs. E. to Beaver Dam Wash, and W.
56.20	Swale, drs. W. from NE.; asc. 20 feet along a NW. slope
80.22	The 299th mile post, which is a Cottonwood post, 2 ft. long, 5 ins. diam., with faint, illegible scribe marks, lying on a faint trace of an old earthen mound, at cor. point with the original post alongside,
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside deposit broken glass, and in a mound of earth to the top, for the 299th mile cor., with brass cap marked NEVADA | UTAH 299M 1936

Chains	
	No other accessories available.
	Land, level; and rolling; general drainage and exposure SW.
	Soil, sandy with gravelly subsoil, 4th rate.
	Undergrowth, creosote brush.
	Timber, joshua trees.
	Poor grazing land.
	From the 299th mile cor.
	Thence
	S.0°04'E., along the 300th mile
	Over broken desert land, through a medium dense growth of joshua trees and sparse creosote brush; asc. gradually along a NW. slope
7.235	Midpoint bet. the closing cors. secs. 23 and 26., and 26 and 35,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside deposited broken glass, and in a mound of earth to the top, for the ¼ sec. cor., on W. bdy. of sec. 26, with brass cap marked ¼ NEV | S26 1936
	No other accessories available.
	Ascend gradually 5 feet along a NW. slope
10.50	Rise, brs. N.80°E. and S.80°W.; desc. gradually, 30 feet along a SW. slope
25.60	Base of descent, brs. E. and W.; asc. 15 feet along a NW. slope
38.30	Top of ascent, brs. E. and W., continue along broken desert, over a series of small, low, spurs and swales; general drainage and exposure SW.; descending 40 feet to the 300th mile post
47.24	Point for the closing cor. secs. 26 and 35 hereinafter described.
80.18	The 300th mile post, which is a Cottonwood post, 2 ft. long, 5 ins. diam., with faint, illegible scribe marks, lying on a faint trace of an old earthen mound, at cor. point with original post alongside,
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside deposited broken glass, and in a mound of stone to the top, for the 300th mile cor., with brass cap marked

Chains

NEVADA | UTAH

300M

1936

No other accessories available.

Land, broken; general drainage and exposure SW.

Soil, sandy and gravelly with a gravel subsoil, 4th rate.

Undergrowth, sparse creosote

Timber, joshua trees.

Poor grazing land.

From the 300th mile cor.

Thence

S.0°00'E., along the 301st mile.

Over a series of small, low spurs and washes; general drainage SW., through a medium dense growth of joshua trees and sparse creosote brush

7.06 Southing of 40.00 chs. from the closing cor. of secs. 26 and 35.,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ sec. cor., on W. bdy. of sec. 35, with brass cap marked

¼

NEV | S35

1936

raise a mound of stone, 4 ft. base, 2 ft. high, E. of the cor.

13.24 The Initial Monument at the SW. cor. of Utah and the NW. cor. of Arizona, which is a red sandstone shaft, with a U.S. Coast and Geodetic Survey Reference brass tablet, 3 ins. diam., cemented in the top, 6 ft. long, 16 ins. broad, and 12 ins. thick, dressed 8 ins. down from the top, set diagonally in the ground, for the Initial Monument, marked with letters 1½ ins. square deeply graven in the stone NEVADA on the NW., UTAH on the NE., ARIZONA on the SE. and INTL MONT. 37 N.L. 1901 on the SW. faces, firmly set, and surrounded with a large mound of earth and stone.

From this cor. a U.S. Coast and Geodetic Triangulation Station, which is a brass tablet, 3 ins. diam., set in concrete, marked U.S. Coast and Geodetic Triangulation Station, bears S.25°02' E. 14.24 chs. distant.

Land, broken; general drainage and exposure SW.

Chains	
	Soil, gravel and sand, with a gravelly clay subsoil, 3rd rate.
	Undergrowth, creosote brush.
	Timber, joshua trees.
	Poor grazing land.

SUBDIVISION OF T. 43 S., R. 20 W.

From the cor. of secs. 1, 2, 35, and 36 on the N. bdy. of the Tp., which is an iron post, 2 ins. diam., extending 15 ins. above the ground, firmly set, properly marked and witnessed as described in the official record of T. 42 S., R. 20 W., group 92, Utah.

S.0°01'E., bet secs. 1 and 2

Over gentle rolling bench land, through a medium dense growth of creosote; desc. 40 feet over a gentle S. slope

10.60 Small ravine, drs. SE.; asc. gradually along a NE. slope

16.30 Top of ascent, 15 feet above ravine, brs. NW. and SE.; desc. gradually 30 feet along a rolling E. slope

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼
S2 | S1
1936

raise a mound of stone, 4 ft. base, 2 ft. high, W. of the cor.

Continue over gently rolling land

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked

T43S R20W
S2 | S1
S11 | S12
1936

raise a mound of earth, 4 ft. base, 2 ft. high, W. of the cor.

Corner stands on nearly level ground level with the ¼ sec. cor.

Land, gently rolling; general drainage and exposure S.

Soil, shallow, red, sandy loam, with a limestone subsoil, 2nd rate.

Chains

Undergrowth, creosote brush.

Timber, none.

Poor grazing land.

East, on a random line, bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect the E. bdy. of the Tp., 7 lks. S. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., described in the survey of T. 43 S., R. 19 W. Thence

S.89°57'W., on true line, bet. secs. 1 and 12

Over broken W. rim of Beaver Dam Wash, through scattered creosote brush, black brush, and joshua trees; asc. abruptly 30 feet over a steep E. slope

0.30 Top of abrupt ascent from the Beaver Dam Wash, brs. N.10°W. and SE.; asc. more gradually, 90 feet, over an E. slope

11.00 Begin steep ascent over an E. slope

20.60 W. rim of Beaver Dam Wash and the E. edge of nearly level bench, 325 feet above the sec. cor., brs. N.20°W. and S.20°E.; enter dense tall creosote brush; continue over nearly level bench

33.05 Set an iron post, 3 ft. long, 1 in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked.

¼ S1 / S12

1936

raise a mound of earth, 3 ft. base, 1½ ft. high, N. of the cor.

55.60 Commence gradual descent of 50 feet over a W. slope

67.00 Ravine, drs. S.; asc. gradually, 50 feet, over an E. slope

79.00 Top of ascent from ravine, brs. N. and S.; continue over level land.

79.90 The cor. of secs. 1, 2, 11, and 12.

Land, broken rim of Beaver Dam Wash, E. 20.60 chs.; nearly level bench on W. 59.30 chs.; general drainage and exposure E. for the E. 20.60 chs.; W. for the W. 59.30 chs.

Soil, rocky and gravelly cobblestone, and conglomerate formation, E. portion; shallow sand, with a limestone subsoil on the W. portion; 2nd and 3rd rate.

Undergrowth, scattered creosote brush, black brush, and joshua trees, E. portion, dense creosote W. portion.

Chains

No timber, with the exception of the scattered joshua trees.

Poor grazing land.

West, on true line, bet. secs. 2 and 11.

Over nearly level land, through a dense growth of creosote brush

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼ S2 / S11

1936

raise a mound of earth and stone, 3 ft. base, 1½ ft. high, N. of the cor.

42.73 Intersect the Utah-Nevada Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, with a quart of charcoal deposited alongside, and in a mound of earth to the top, for closing cor. of secs. 2 and 11, with brass cap marked

NEV | T43S / S2 C / S11 C / R20W

1936

No other accessories available.

From this corner, the 296th mile cor., bears S.0°38'E., 32.26 chs. distant.

Land, nearly level; slight drainage and exposure S.

Soil, shallow, sandy loam, with a limestone subsoil, 2nd rate.

Undergrowth, dense creosote brush.

No timber.

Poor grazing land.

From the cor. of secs. 1, 2, 11, and 12

S.0°01'E., bet. secs. 11 and 12.

Over rolling desert land, through a medium dense growth of creosote brush and scattered joshua trees; desc. gently 50 feet along a SE. slope

U. S. GOVERNMENT PRINTING OFFICE 6—8188

Chains	
40.00	Set an iron post, 3 ft. long. 1 in. diam., 24 ins. in the ground to solid rock, for the ¼ sec. cor., with brass cap marked

¼
S11 | S12
1936

raise a mound of earth and stone, 4 ft. base, 2 ft. high, W. of the cor.

Continue gradual descent along a SE. slope

63.70	Small swale, 70 feet below the ¼ sec. cor., drs. SE. about 4 chs. distant to junction with ravine, draining S.; asc. gradually along a NE. slope
64.90	Top of ascent, brs. NW. and SE.; desc. 20 feet along a SE. slope
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a cobblestone 8"x8"x6", mkd. X , deposited alongside, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked

T43S R20W
S11 | S12
S14 | S13
1936

raise a mound of earth, 3½ ft. base, 2½ ft. high, W. of the cor.

Land, gently rolling; general drainage and exposure S.

Soil, sandy and gravelly loam, 3rd rate.

Undergrowth, creosote brush.

Timber, joshua trees.

Poor grazing land.

N.89°57'E., on a random line. bet. secs. 12 and 13.

40.00	Set temp ¼ sec. cor.
79.90	Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., described in the survey of T. 43 S., R. 19 W. Thence

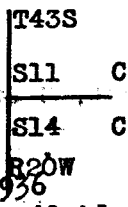
S.89°56'W., on true line bet. secs. 12 and 13.

Over nearly level bench land, through a medium dense growth of creosote brush and scattered joshua trees, and cacti.

29.00	Leave nearly level desert; enter rolling land, brs. N. and S.; creosote becomes scattered, joshua more abundant.

Chains	
39.95	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to solid rock, and in a large mound of earth to the top. fpr the ¼ sec. cor., with brass cap marked ¼ S12 / S13 1936 No suitable accessories available.
51.20	Commence gradual descent of 60 feet over a rolling W. slope
76.40	Ravine, drs. S.; asc. gradually 10 feet to
79.90	The cor. of secs. 11, 12, 13, and 14.
	Land, nearly level on the E. portion and rolling on the W. portion; general drainage and exposure S.
	Soil, shallow gravel and sand, with a limestone subsoil, 3rd rate.
	Undergrowth, creosote brush.
	Timber, joshua trees.
	Poor grazing land.
	West, on true line, bet. secs. 11 and 14.
	Over gently rolling land, through a mediun dense growth of creosote brush, joshua, and cacti; asc. gradually 40 feet along a SE. slope
8.50	Top of ascent slopes SE.; desc. gradually 25 feet along a SW. slope
12.40	Small draw, drs. SE.; asc. 30 feet along an E. slope
24.70	Leave rolling desert; enter nearly level desert, brs. N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to X on solid rock, and in a mound of earth to the top, for the ¼ sec. cor., with brass cap marked ¼ S11 / S14 1936 No suitable accessories available.
41.87	Intersect the Utah-Nevada Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, with broken glass deposited alongside, and in a mound of earth to the top, for the closing cor. of secs. 11 and 14, with brass cap marked

Chains



No suitable accessories available.

From this cor. the 297 mile post on the bdy. heretofore described bears S.0°38'E., 32.44 chs. dist.

Land, rolling, E. portion; nearly level, W. portion; general drainage and exposure S.

Soil, gravelly and sandy with a limestone subsoil, 3rd rate.

Undergrowth, creosote brush, and cacti.

Timber, joshua trees.

Poor grazing land.

From the cor. of secs. 11, 12, 13, and 14.

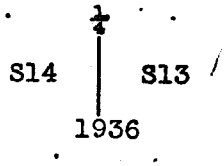
S0°01'E., bet. secs. 13 and 14.

Over gently rolling land, through a medium dense growth of creosote brush and joshua trees; desc. gently along a SE. slope

8.40 Small draw, drs. SE. about 5 chs. distant to junction with ravine, draining SE.; asc. gradually 20 feet along a NW. slope

22.60 Top of ascent, slopes SE.; desc. gradually 20 feet along a general SE. slope

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside deposited a cobblestone 8"x6"x4", mkd. X , for the ¼ sec. cor. with brass cap marked



raise a mound of earth, 5 ft. base, 3 ft. high, W. of the cor.

Continue gradual descent of 30 feet along a SE. slope

69.00 Base of descent, brs. SE.; asc. gradually

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, alongside deposited a limestone rock 4"x4"x2", mkd. X, and in a mound of earth to the top, for the cor. ofsecs. 13, 14, 23, and 24, with brass cap marked

Chains	
	T43S R20W S14 | S13 S23. | S24 1936
	No other accessories available.
	Land, gently rolling; general drainage and exposure SE.
	Soil, gravelly and sandy, with a limestone subsoil, 3rd rate.
	Undergrowth, creosote brush.
	Timber, joshua trees.
	Poor grazing land.
	N.89°56'E., on a random line, bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., which is an iron post, 2 ins. diam., described in the survey of T. 43 S., R. 19 W.
	Thence
	S.89°56'W., on true line, bet. secs. 13 and 24.
	Over rolling land, through a medium dense growth of creosote brush, joshua, and cacti; asc. gradually 60 feet over a SE. slope
8.20	Top of ascent, slopes SE.; continue over rolling land, facing SE.
39.80	Small draw, drs. SW.; asc. gradually along a SE. slope
39.96	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to X on solid rock, and in a small mound of earth to the top, for the ¼ sec. cor., with brass cap marked ¼ S13 / S24 1936 raise a mound of earth, 6 ft. base, 3½ ft. high, N. of the cor.
42.40	Begin descent over rolling SW. slope, 40 feet to
51.90	Large ravine, drs. SE.; asc. gradually over rolling land
79.92	The cor. of secs. 13, 14, 23, and 24, 60 feet above ravine.
	Land, rolling; general drainage and exposure SE.
	Soil, gravelly and sandy, with a limestone subsoil, 3rd rate.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

Subdivision of T. 43 S., R. 20 W.

Chains	
	Undergrowth, creosote brush, and cacti.
	Timber, joshua trees.
	Poor grazing land.
	West, on true line, bet. secs. 14 and 23.
	Over rolling land, through a medium dense growth of cacti, creosote brush, black brush, and joshua trees; asc. 30 feet over an E. slope
6.30	Rise, brs. approximately N. and S.; continue over rolling land
19.00	Leave rolling; enter nearly level land, brs. approximately N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside deposited broken glass, for the ¼ sec. cor., with brass cap marked ¼ S14 / S23 1936 raise a mound of earth, 5 ft. base, 3 ft. high, N. of the cor.
41.02	Intersect the Utah-Nevada State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in thee ground, alongside deposited broken glass, for the closing cor. of secs. 14 and 23, with brass cap marked NEV | T43S / S14 C / S23 C / R20W 1936 raise a mound of earth, 5 ft. base, 3 ft. high, E. of the cor.
	From this corner, the 298th mile cor., brs. S.0°38'E. 32.60 chs. distant.
	Land, rolling E. portion; nearly level, W. portion; general drainage and exposure SE. for the E. portion, SW. for the W. portion.
	Soil, gravelly and sandy, with a gravelly clay subsoil, 3rd rate.
	Undergrowth, creosote brush, cacti, and black brush.
	Timber, joshua trees.
	Poor grazing land.

U. S. GOVERNMENT PRINTING OFFICE 1951 C—6155

Chains	
	From the cor. of secs. 13, 14, 23, and 24
	S.0°01'E., bet. secs. 23 and 24
	Over rolling land, through a medium dense growth of cacti and creosote brush; asc. gradually 10 feet along a NE. slope to the sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside deposited a limestone rock 6"x4"x4", mkd. X , for the ¼ sec. cor., with brass cap marked ¼ S23 | S24 1936 raise a mound of earth, 4 ft. base, 2 ft. high, W. of the cor.
68.20	Unimproved road, brs. E. to Beaver Dam Wash, and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, and in a mound of earth to the top, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked T43S R20W S23 | S24 S26 | S25 1936 raise a mound of earth, 4 ft. base, 2 ft. high, W. of the cor.
	Land, rolling; general drainage and exposure E.
	Soil, sandy and gravelly, with gravel and clay subsoil, 3rd rate.
	Undergrowth, creosote brush and cacti.
	Timber, joshua trees.
	Poor grazing land.
	N.89°56'E., on a random line, bet. secs. 24 and 25
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., described in the survey of T. 43 S., R. 19 W.
	Thence
	S.89°57'W., on true line, bet. secs. 24 and 25
	Over rolling and slightly broken desert land, through a medium dense growth of joshua trees, creosote brush, cacti and black brush; asc. gradually 145 feet along a broken

Chains	
	NE. slope
38.30	Top of ascent, slopes SE.; desc. gradually 10 ft. along a broken SW. slope to the sec. cor.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside deposited broken glass, for the ¼ sec. cor., with brass cap marked ¼ S24 / S25 1936 raise a mound of earth and stone, 4 ft. base, 2 ft. high, N. of the cor.
	Ascend gradually, 35 feet, over a rolling E. to NE. slope
79.90	The cor. of secs. 23, 24, 25, and 26.
	Land, rolling and slightly broken; general drainage and exposure E.
	Soil, sandy and gravelly, with a gravelly subsoil, 3rd rate.
	Undergrowth, creosote brush, cacti, and black brush.
	Timber, joshua trees.
	Poor grazing land.

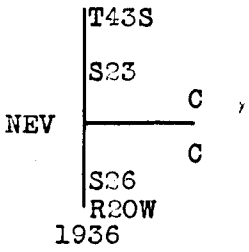
	West on true line, bet. secs. 23 and 26
	Over rolling and slightly broken land, through a scattered growth of creosote brush and mountain rush, and a sparse growth of cacti, and joshua trees; asc. 20 feet over an E. slope
4.20	Rise from S., brs. approximately N. and SE.; continue over nearly level table land along top of rise
20.20	Leave table land, brs. N.80°E. and S.30°W.; desc. 60 feet over a broken W. slope
35.80	Base of descent, brs. N. and S.; continue over rolling land to the closing cor.
39.20	Unimproved road, brs. N.75°E. and S.75°W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a small mound of earth to the top, for the ¼ sec. cor., with brass cap marked ¼ S23 / S26 1936

Chains

raise a mound of earth, 4 ft. base, 2 ft. high, N. of the cor.

40.13 Intersect the Utah-Nevada State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, alongside deposited a charred joshua stump, 8ins. long, 4 ins. diam., for the closing cor. of secs. 23 and 26, with brass cap marked



raise a mound of earth and stone, 5 ft. base, 3 ft. high, E. of the cor.

From this corner, the 299th mile cor., bears S.0°38'E. 32.77 chs. distant.

Land, nearly level, central portion; broken and rolling E. and W. portions; general drainage and exposure SE, on E. portion, SW. on W. portion.

Soil, sandy and gravelly with a gravel and gravelly clay subsoil, 3rd rate.

Undergrowth, creosote brush, cacti, and mountain rush.

Timber, joshua trees.

Poor grazing land.

From the cor. of secs. 23, 24, 25, and 26.

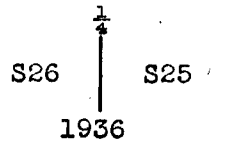
S0°01'E., bet secs. 25 and 26

Over rolling and slightly broken land, through a medium dense growth of creosote brush, mountain rush, and joshua trees; asc. gradually along an E. to NE. slope

12.50 Leave rolling land; enter nearly level table land, brs. NW. and SE.; continue over nearly level table top to the sec. cor.

40.00 On nearly level table top, 25 feet above the sec. cor.,

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock, alongside deposited a limestone rock 6"x4"x3" mkd. X , and in a mound of earth to the top for the ¼ sec. cor., with brass cap marked



U. S. GOVERNMENT PRINTING OFFICE

Chains

raise a mound of earth, 6 ft. base, 3 ft. high, W. of the cor.

80.00 On nearly level table land,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, alongside deposited broken glass, and in a mound of earth and stone to the top, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked

T43S R20W

S26 | S25

S35 | S36

1936

raise a mound of earth, 6 ft. base, 3 ft. high, W. of the cor.

Land, rolling N. portion; nearly level table top S. portion. The table land extends E. about 15 chs. distant, and W. about 25 chs. distant.

Soil, sandy and gravelly, with a limestone subsoil, 3rd rate.

Undergrowth, creosote brush, cacti, and mountain rush.

Timber, joshua trees.

Poor grazing land.

N.89°57'E., on a random line, bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

79.88 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 25, 30, 31, and 36., which is an iron post, 2 ins. diam., described in the survey of T. 43 S., R. 20 W. Thence

S.89°56'W., on true line, bet. secs. 25 and 36.

Over broken land, through a medium dense growth of creosote brush, joshua trees, mountain rush, and cacti; asc. gradually 80 feet over an E. slope to the ¼ sec. cor.

4.40 Small wash, drs. SE.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a small mound of earth to the top, for the ¼ sec. cor., with brass cap marked

¼ S25

S36

1936

raise a mound of earth, 4 ft. base, 2 ft. high, N. of the cor.

Chains	
	Continue gradual ascent of 75 feet over a broken E. slope
63.70	Commence abrupt ascent of 80 feet over an E. slope
71.50	The E. rim of table land, brs. N. and S.; continue over nearly level table land to the sec. cor.
71.80	Enter dense creosote brush, brs. N. and S.
79.88	The cor. of secs. 25, 26, 35, and 36.
	Land, broken, E. portion; level, W. portion; general drainage and exposure E.
	Soil, sandy and gravelly, with a gravelly clay subsoil on the E. portion; sandy clay with a limestone subsoil on the W. portion, 3rd rate.
	Undergrowth, creosote brush, mountain rush, black brush, and cacti.
	Timber, joshua trees.
	Poor grazing land.

West, on true line, bet. secs. 26 and 35.

Over nearly level table land, through a dense growth of creosote brush, and a scattered growth of cacti.

21.50	Leave dense creosote brush, brs. N.25°W. and S.
21.70	The W. rim of table land, brs. N.25°W. and S.; desc. abruptly, 70 feet, over a steep W. slope
25.00	Base of abrupt descent, brs. N.25°W. and S.; continue gradual descent of 120 feet over a broken W. slope, through scattered joshua trees, cacti, and mountain rush
39.73	Intersect the Utah-Nevada State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, with a broken glass bottle and a quart of charcoal deposited alongside, for the closing cor. of secs. 26 and 35, with brass cap marked

T43S
S26 C
NEV
S35 C
R20W
1936

raise a mound of earth and stone, 4 ft. base, 2 ft. high, E. of the cor.

From this corner the 300th mile corner, bears S.0°04'E., 32.94 chs. distant.

exposure SW.

Subdivision of T. 43 S., R. 20 W.

Chains

Land, nearly level E. portion; broken W. portion; general drainage and exposure SW.

Soil, gravelly and sandy, with a limestone subsoil on the E. portion; gravelly and sandy with a gravelly clay subsoil on the W. portion, 3rd rate.

Undergrowth, creosote brush, black brush, cacti, and mountain rush.

Timber, joshua trees.

Poor grazing land.

From the cor. of secs. 25, 26, 35, and 36.

S.0°01'E., bet. secs. 35 and 36.

Over nearly level table land, through a dense growth of creosote brush, and a scattered stand of joshua trees, cacti, and mountain rush; asc. 30 feet along an extremely gradual N. slope

39.70 The S. rim of table land, brs. N.70°W. and N.70°E.; leave dense creosote brush, brs. N.70°W. and N.70°E.; desc. abruptly 40 feet over a steep S. slope

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼

S35 | S36

1936

raise a mound of earth and stone, 5 ft. base, 3 ft. high, W. of the cor.

Continue abrupt descent of 130 feet over a steep S. slope

46.18 Intersect the Utah-Arizona State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing cor. of secs. 35 and 36, with brass cap marked

CC

T43S | R20W

S35 | S36

ARIZONA

1936

raise a mound of stone, 5 ft. base, 3 ft. high, N. of the cor.

From this corner, the closing cor. of secs. 32 and 33, T. 42 N., R. 16 W., G. and S.R. Meridian, Arizona, which is an iron post, 2 ins. diam., extending 12 ins. above the ground, firmly set, properly marked, and witnessed as described in the official record, bears West 12.75 chs. distant.

Subdivision of T. 43 S., R. 20 W.

Chains

From the same point, the Initial Monument at the SW. cor. of the State of Utah and the NW. cor. of the State of Arizona, bears West 39.80 chs. distant.

Land, nearly level table on the N. portion; rough and broken on the S. end

Soil, gravelly and sandy, with a limestone subsoil on the N. portion; sandy with a gravelly clay subsoil on the S. end, all 3rd rate.

Undergrowth, creosote brush, cacti, and mountain rush.

Timber, joshua trees on the S. end of mile.

Poor grazing land.

GENERAL DESCRIPTION

The land within fractional T. 43 S., R. 20 W. is comprised of rolling, broken and nearly level desert, but in general it is a bench land about 300 feet above the Beaver Dam Wash at an approximate elevation of 3,000 feet above sea level. The north portion of the township is nearly level, with the exception of a small strip of land, which lies in the northeast corner of the township. This small strip is broken by the Beaver Dam Wash, which enters the township on the north boundary in the NE. ¼ NE. ¼ sec. 1, drains southeasterly, leaving the township on the east boundary in the SE. ¼ SE. ¼ sec. 1; the land extends southeasterly from a point near the ¼ sec. cor. on the north boundary of sec. 1, through the eastern portion of sec. 1 and 12, leaving the township on the east boundary in the SE. ¼ SE. ¼ sec. 12. With this exception, the northern portion of the township is drained by a small, sandy and gravelly ravine, which enters the township on the north boundary in the NE. ¼ NE. ¼ of sec. 2, draining southerly for a distance of about two miles, thence southeasterly, increasing in depth and width as it courses through the central northern portion, and leaves the township on the east boundary in the SE. ¼ SE. ¼ sec. 24. The land becomes rolling in the central portion of the township, finally breaking in the southern portion, where there is situated a nearly level strip of table land, which is about 40 chs. wide, and about 30 feet above the surrounding terrain on the northern end and extending 120 chs. distant to the southern end, which is about 150 feet above the surrounding terrain. This table land and a rise, which extends northerly from the N. end of the table land, forms a divide through this portion of the township, draining the land southeasterly and southwesterly.

The soil within this township consists of sandy loam, gravel, gravelly clay, and clay. The sandy loam is evident on the northern portion, whereas sand, gravel, and clay is found on the southern portion of the township. On the higher nearly level portion of the township, at an approximate elevation with and including the table land, there is a limestone subsoil adjacent to the topsoil, which is shallow, being only a few inches deep in some places. The subsoil upon the rolling and broken portions of the township is gravelly clay.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

The only timber within the township is a scattered to medium dense growth of joshua trees, which are found on those portions of the township where the creosote brush does not dominate. There is a dense undergrowth of creosote brush, dominant upon the nearly level northern portion and upon the table land. A sparse to medium dense undergrowth of cacti, mountain rush, and black brush exists upon the rolling and broken portions of the township.

Grazing is not favorable, on account of the sparse growth of grass and browse, and the absence of water. There were no settlers in the township at the time of this survey.

No indication of oil, oil shale, coal, or minerals was noted within the township.

In those places where it is recorded that there are no other accessories available or no suitable accessories available, memorializing was impracticable because there are no trees which can be marked or suitable stone for raising mounds near these points.

The mean magnetic declination is 16°30'E.

U. S. GOVERNMENT PRINTING OFFICE: 1951 C—8155

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Bish Farley	Principal Assistant
Russell Alley	Chainman
John Murphy	"
Joseph D. Thomas	Flagman
Jack Ames	"
John H. McGuire	Cornerman
George Pickering	"
Lerenzo W. Day	Axman
Reginald Stirk	"
Delmar Reay	"
Dale P. Olsen	"

6—8412

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

Andrew Nelson, ~~U.S.~~ Surveyor ~~and~~

We, ~~X~~, Kelvin Winwood, Transitman, P.W.A., HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17 day of March, 1933, received from the district cadastral engineer for District No. 6 Utah, with assignment instructions dated May 12, 1936, and supplemental assignment instructions dated October 24, 1936, ~~X~~ We have ~~[illegible]~~

resurveyed portion of the Utah-Nevada State Boundary along the W. boundary of T. 43 S., R. 20 W.; surveyed the Subdivision of T.43 S., R.20 of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~X~~ us and under ~~X~~ our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah March 2, 1937 Andrew Nelson
~~U.S.~~ Surveyor,

Salt Lake City, Utah March 2, 1937 Kelvin Winwood
Transitman P.W.A.

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colo. DEC 15 1937, 19

The foregoing field notes of the ~~survey of~~ resurveyed portion of the Utah-Nevada State Boundary along the W. boundary of T.43 S., R.20 W.; surveyed the Subdivision of T.43 S., R.20 W.,

executed by Andrew Nelson, ~~U.S.~~ Surveyor and Kelvin Winwood, Transitman P.W. under special instructions dated March 17th, 1933, and assignment instructions dated Oct.24,1936 instructions dated May 12, 1936 and supplemental assignment instructions dated Oct.24,1936, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

[signature]
~~U.S.~~ *Supervisor of Surveys.*

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in _____, is a true copy of the original field notes on file in the public survey office.~~

_____
~~*U.S. Supervisor of Surveys.*~~

U.S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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ORIGINAL

4—879
(April 1933)

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Public Survey Office
Salt Lake City, Utah

C

FIELD NOTES
OF THE SURVEY

SOUTH BOUNDARY AND A PORTION OF THE SUBDIVISION,

T. 42 S., R. 18 W.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Elliot Bird ~~U.S.~~ Surveyor

and

Andrew Nelson ~~U.S.~~ Surveyor

Under special instructions dated March 17, *19* 33, *which provided for the surveys included under Group No.* 233, *bearing the approval of the Commissioner of the General Land Office under date of* September 19, 1933 *and assignment instructions dated* May 12, *19* 36.

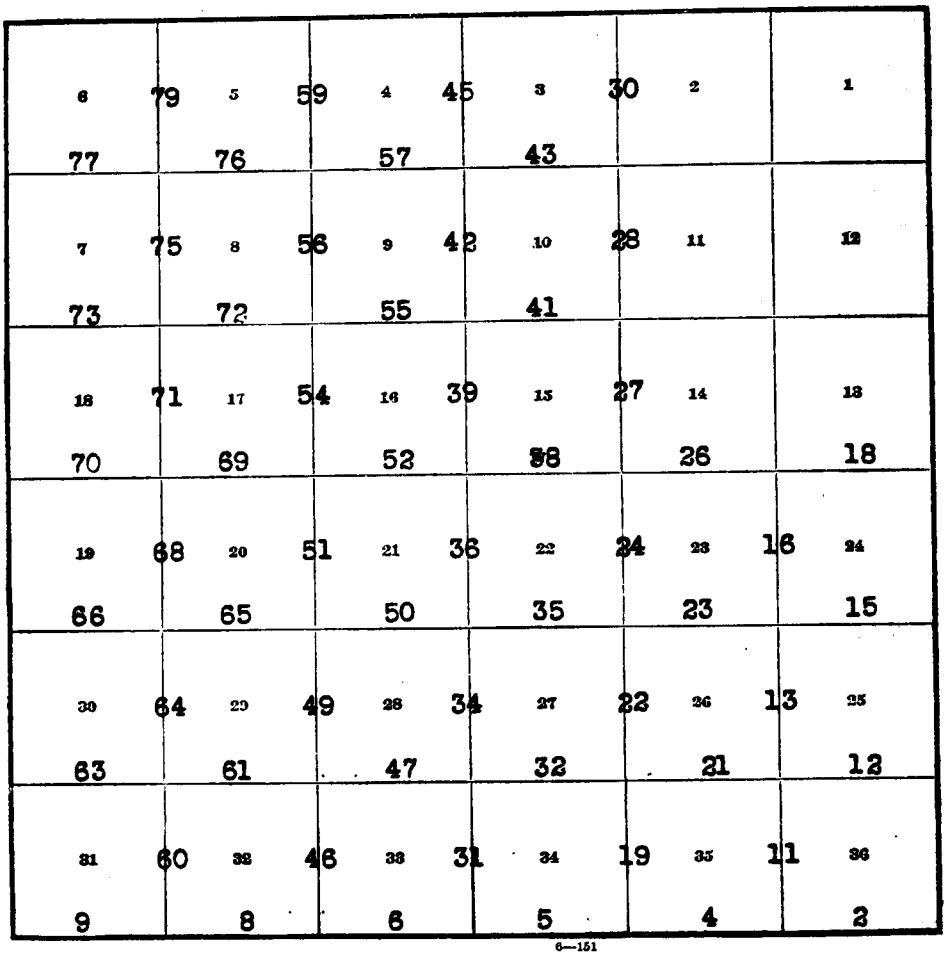
Survey commenced May 20, *19* 36.

Survey completed June 18, *19* 36.

U. S. GOVERNMENT PRINTING OFFICE 6—151

INDEX DIAGRAM.

Township 42 South, *Range* 18 West



6—151

Chains

The survey of T. 42 S., R. 18 W., Salt Lake Meridian, Utah, was commenced May 20, 1936, and executed with Buff and Buff transit No. 18003, used by Elliot Bird, ~~U.S.~~ Surveyor, and Buff and Buff transit No. 14191, used by Andrew Neslon, ~~U.S.~~ Surveyor.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are 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 circles.

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 May 12, 1936.

During the progress of this survey, the solar attachments were not used, and all azimuths in this record are referred to true meridians determined by observations on Polaris made during the progress of the survey, by the method of deflection angles and calculated courses, and the lines of the survey were projected by fore and back sights.

The instruments were in good condition and adjustment at the commencement of the survey, and in order to obtain a true meridian for the commencement of the survey, we proceed as follows.

May 20, 1936: Stationed at the cor. of Ts. 42 and 43 S., Rs. 17 and 18 W., Salt Lake Meridian, Utah, in approximate latitude 37°05' N., longitude 113°48' W., with transit No. 18003, at 1h 31.5m p.m. by our watches which carry correct 105th meridian time, comparison being made with naval observatory time signals over radio station K S L, on May 18, we make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 40 chains N., in the direction W. to Polaris.

Watch fast of local mean time	0h 35.2m
Local mean time of observation	12h 56.3m p.m.
Mean horizontal deflection angle from flag pole to Polaris	0° 58.3' W.
Azimuth of Polaris	0° 58.3'
True bearing to flag pole	North

In order to verify the latitude of the above station, I make a meridian altitude observation of the sun for latitude, observing the altitude of the sun's lower limb with the transit in direct position, reversing the telescope and observing the sun's upper limb.

Apparent time of observation, noon	12h 00m 00s
Mean observed altitude	72° 59' 30"
Reduced latitude	37°05' N.

The instruments were kept in good adjustment throughout the progress of the survey, and numerous hour angle observations were made upon Polaris to determine true meridians from which the lines of the survey were deflected.

MEASUREMENTS.

Unless otherwise specified all measurements were made with Lallie steel tapes 5 and 8 chains in length compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle determined with clinometers and the slope measurements reduced to true horizontal distances which only appear in these notes.

U. S. GOVERNMENT PRINTING OFFICE: 1931 5—8155

Chains	
	From the cor. of Ts. 42 and 43 S., Rs. 17 and 18 W., an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W., I deflect an angle of 90°00' to the west of the true meridian established by observations on Polaris, heretofore described.
	Thence: From the cor. Ts. 42 and 43 S., Rs. 17 and 18 W. West, on random line, setting temp. ¼ sec. and sec. cors. at the proper offsets from the tangent to the parallel, and at 478.38 chs., the parallel intersects the E. bdy. of T. 42 S., R. 19 W., 61 lks. S. of the cor. Ts. 42 and 43 S., Rs. 18 and 19 W., hereinafter described.
	The course of the line bet. Ts. 42 and 43 S., R. 18 W., therefore is N. 89°56' W., and the distance is 478.38 chs.
	Thence:
	N. 89°56' W., on true line, bet. secs. 1 and 36.
	Ascend abrupt E. slope of rough mountainous land, through medium dense juniper and pinon timber and undergrowth of sage and black brush, mountain rush, mountain mahogany, oose, cactuses, weeds, and grass.
4.50	Spur, 120 ft. above cor., projects N., and bears S. 5° W., about 25.00 chs. dist. to main ridge; descend steep W. slop
16.10	Rocky gulch, 350 ft. below spur, drains N. 10° E. from the SW.; ascend abrupt SE. slope.
34.40	Spur, 480 ft. above gulch, projects N. 5° W.; descend abrupt W. slope.
40.00	On steep W. slope near bottom of gulch, 170 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S36 / S1 1936 from which
	A pinon, 7 ins. diam., bears N. 9°30' E., 52 lks. dist., marked ¼ S36 BT.
	A pinon, 7 ins. diam., bears S. 39° W., 60 lks. dist., marked ¼ S1 BT.
40.20	Gulch, 10 ft. below the ¼ sec. cor., drains N. 20° E., 2.00 chs. dist., thence N.; ascend abrupt E. slope.
44.50	Slope changes from an abrupt E. slope to an abrupt N. slope.
47.40	Slope changes from an abrupt N. slope to an abrupt E. slope.
51.20	Spur, 220 ft. above gulch, projects N. 10° E., 3.00 chs. dist., thence N.; descend abrupt NW. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1931 C—8155

Chains	
54.70	Head of gulch, 90 ft. below spur, drains N., 3.00 chs. dist., thence NW.; ascend gradual NE. slope.
55.50	Small spur, 20 ft. above head of gulch, projects N., 2.50 chs. dist. to end; descend abrupt NW. slope.
58.00	Head of gulch, 70 ft. below spur, drains N., 4.00 chs. dist. to main gulch draining NW.; ascend abrupt NE. slope.
62.30	Low spur, 80 ft. above head of gulch, projects N. 20° W., about 6.00 chs. dist. to end; descend abrupt NW. slope.
66.00	Gulch, 145 ft. below spur, drains N. 20° W., about 12.00 chains dist. to main gulch draining NW.; ascend abrupt rocky NE. slope.
69.90	Spur, 55 ft. above gulch, slopes N., about 12.00 chs. dist. to end, and bears S., about 5.00 chs. dist. to ridge; descend abrupt NW. slope.
73.10	Gulch, 100 ft. below spur, drains N. 15° E., about 14.00 chs. dist. to main gulch draining NW.; ascend steep ledgy NE. slope.
79.30	Top of sharp ledgy spur, 190 ft. above gulch, projects N. 11° W., and bears SE.; about 10.00 chs. dist. to high point on ridge.
79.50	Near top of spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the cor. of secs. 1, 2, 35, and 36, with brass cap marked
	T42S | R18W S35 | S36 WC S2 | S1 T43S
	1936
	deposite a limestone, 10 x 10 x 8 ins., at base of post, marked X.
	No suitable bearing trees available.
80.00	True point for the cor: secs. 1, 2, 35; and 36, falls on nearly inaccessible W. face of ledges, where it is impracticable to set a cor.
	Land, high, rough, and mountainous, with a general northerly exposure and drainage. Volcanic, limestone, and quartzite formation.
	Soil, shallow white and yellow clay, mixed with gravel and rock, from 1 to 3 ft. deep; with exposed surfacerock; 4th rate.
	Undergrowth, sage and black brush, mountain rush, mountain mahogany, oose, and cactuses.
	Timber, juniper and pinon.
	Fair grazing land during early spring and late fall months.

U. S. GOVERNMENT PRINTING OFFICE 16—81155

Chains	
	From the true point for the cor. of secs. 1, 2, 35, and 36, which is N. 89°56' W., 50 lks. dist. from the witness cor. to the cor. of said secs.
	N. 89°56' W., bet. secs. 2 and 35.
	Descend abruptly over nearly inaccessible W. face of ledges and high mountainous land, through medium dense juniper and pinon timber and undergrowth of black and sage brush, mountain rush and mahogany, oose, cactuses, weeds, and grass.
14.50	Base of abrupt descent over ledges, bears SE. and N.20° W.; thence descend gradually over rocky W. slope.
29.80	Draw, 1180 ft. below the true point for sec. cor., drains SW., 1.50 chs. dist., thence W.; ascend gradually along steep S. slope.
31.50	Spur, 20 ft. above draw, projects S., 1.50 chs. dist. to end and bears NE.; descend gradual W. slope.
40.00	On gradual W. slope, 130 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S35 / S2 1936 from which
	A juniper, 10 ins. diam., bears S. 53° E., 230 lks. dist., marked ¼ S2 BT.
	A juniper, 12 ins. diam., bears N. 25° W., 112 lks. dist., marked ¼ S35 BT.
54.70	Wood road, bears NW. and SE.
54.90	Gulch, 140 ft. below the ¼ sec. cor., drains N. 30 ° W.; ascend gradual E. slope.
59.00	Spur, 70 ft. above gulch, projects N.; descend gradual NW. slope.
63.00	Old road, bears N. 30° E. and S. 30° W.
63.30	Draw, 65 ft. below spur, drains N. 30° E.; ascend abrupt rocky E. slope.
69.00	Spur, 185 ft. above draw, projects N. 20° E., about 7.00 chs. dist. to end; descend gradual NW. slope.
78.00	Draw, 140 ft. below spur, drains NE., and heads SW., about 15.00 chs. dist.; ascend steep rocky SE. slope.
80.00	On steep SE. slope of surfacerock, 140 ft. above draw, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 2, 3, 34, and 35, with brass cap marked

SOUTH BOUNDARY, T. 42 S., R. 18 W.

Chains	
	T42S | R18W S34 | S35 S3 | S2 T43S
	1936
	from which
	A pinon, 12 ins. diam., bears N. 46°15' E., 211 lks. dist., marked T42S R18W S35 BT.
	A juniper, 10 ins. diam., bears S. 82°30' E., 179 lks. dist., marked T43S R18W S2 BT.
	A juniper, 12 ins. diam., bears S. 38° W., 65 lks. dist., marked T43S R18W S3 BT.
	A pinon, 20 ins. diam., bears N. 85° W., 55 lks. dist., marked T42S R18W S34 BT.
	Land, rough and mountainous, with a general westerly and northerly exposure and drainage. Volcanic, limestone, and quartzite formations.
	Soil, shallow light colored clay mixed with rock and gravel, from 1 to 3 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, black and sage brush, mountain rush and mountain mahogany, oose, cactuses, weeds, and grass.
	Timber, medium dense scrub juniper and pinon.
	Fair grazing land during late fall and early spring months.
	N. 89°56' W., bet. secs. 3 and 34.
	Ascend steep rocky SE. slope of rolling mountainous land, through scattered timber and medium dense short undergrowth.
5.30	Ridge, 115 ft. above cor., bears N. and S. 20° W.; descend abrupt W. slope.
11.40	Gulch, 160 ft. below ridge, drains NW., 1.50 chs. dist., thence N.; ascend gradual E. slope.
17.80	Spur, 75 ft. above gulch, projects N. 40° W.; descend gradual SW. slope.
32.60	From this point, line follows along N. side of gulch draining westerly.
40.00	On N. side of gulch, 390 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S34 / S3
	1936
	from which
	A juniper, 7 ins. diam., bears N. 32°45' E., 168 lks. dist., marked ¼ S34 BT.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	A juniper, 6 ins. diam., bears S. 47°30' W., 101 lks. dist., marked ¼ S3 BT.
	Continue gradual descent along N. side of gulch.
43.80	One wire telephone line, bears NE. and SW.
44.00	Gulch, 20 ft. below the ¼ sec. cor., drains N. 60° W.; ascend gradual NE. slope.
55.20	Top of ascent, bears N. and S., 25 ft. above gulch; descend gradually along N. slope.
76.20	Main gulch, 260 ft. below top of ascent, drains S. 40° W.; ascend gradually along S. slope.
78.50	U.S. Highway No. 91, bears N. 41°15' E. and S. 41°15' W.
80.00	On gradual S. slope, 60 ft. above main gulch.
	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 T42S R18W S33 | S34 S4 | S3 T43S 1936 raise a mound of stone, 4 ft. base, 3½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, rolling and mountainous, with a general northwesterly exposure and drainage. Volcanic, limestone, and quartzite formations.
	Soil, shallow red sand and white clay, mixed with rocky and gravel, from 1 to 3 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, black and sage brush, mountain rush, annole plants, cactuses, shadscale, weeds, and grass.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land during winter months.
	N. 89°56' W., bet. secs. 4 and 33.
	Over rolling mountainous land, through medium dense short undergrowth.
6.60	Draw, 10 ft. below cor., drains S., about 7.00 chs. dist. to main gulch draining southwesterly; ascend gradual NE. slope.
11.50	Spur, 30 ft. above draw, projects S., 2.00 chs. dist. to end; descend gradual SW. slope.
13.80	Draw, 20 ft. below spur, drains S.; ascend gradual E. slope.
19.00	Spur, 90 ft. above draw, projects S. 30° E., about 8.00 chs. dist. to end; descend gradual SW. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
22.80	Head of draw, 35 ft. below spur, drains S.; ascend gradual SE. slope.
25.80	Spur, 20 ft. above head of draw, projects S., about 15.00 chs. dist. to end; thence along gradual S. slope.
30.80	Branch spur, same level as last spur, projects S. 20° W., about 15.00 chs. dist. to end; descend gradual NW. slope.
40.00	On gradual NW. slope, 120 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S33 S4 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	From this cor., the N. end of a concrete watering trough, supplied with water from Summit Spring, which is located about 75.00 chs. to the N., bears S. 83°40' W., 7.02 chs. dist.
46.60	Dim road, bears N. and S.
47.30	Draw, 30 ft. below the ¼ sec. cor., drains S., from N. 20° W.; ascend gradual E. slope.
56.20	Spur, 133 ft. above draw, projects S.; descend gradual NW. slope.
64.00	Draw, 80 ft. below spur, drains SW., about 8.00 chs. dist., thence W.; ascend gradual SE. slope.
68.50	Spur, 30 ft. above draw, projects SW., about 5.00 chs. dist. to end, and bears NE., about 12.00 chs. dist., thence NW.; descend gradual NW. slope.
78.00	Draw, 90 ft. below spur, drains SW., about 7.00 chs. dist., thence W.; ascend gradual SE. slope.
80.00	On gradual SE. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 4, 5, 32, and 33, with brass cap marked T42S | R18W S32 | S33 S5 | S4 T43S 1936 deposit a volcanic stone, 10 x 10 x 8 ins., at base of post, marked X.
	Land, low rolling foot hills of the Beaver Dam Mountains, with a general southwesterly exposure and drainage. Volcanic, limestone, and quartzite formations.

U. S. GOVERNMENT PRINTING OFFICE : 0—31155

SOUTH BOUNDARY, T. 42 S., R. 18 W.

Chains	
	Soil, deep gravelly clay and rock, mixed with large volcanic boulders and outcroppings; 4th rate.
	Undergrowth, black and sage brush, mountain brush, cactus plants, cactuses, weeds, and grass.
	No timber.
	Fair grazing land during the winter months.
	N. 89°56' W., bet. secs. 5 and 32.
	Ascend gradual SE. slope of rolling mountains land, through medium dense short undergrowth.
1.70	Spur, 20 ft. above cor., projects S., about 7.50 chs. dist. to end; descend gradual W. slope.
5.60	Draw, 40 ft. below spur, drains S., about 5.00 chs. dist., thence SW.; ascend gradual E. slope.
22.00	Spur, 25 ft. above gulch, projects S., about 12.00 chs. dist., thence SW.; descend abrupt SW. slope.
26.25	Draw, 80 ft. below spur, drains S. 30° E. and heads NW., about 5.00 chs. dist.; ascend abrupt SE. slope.
31.50	Spur, 150 ft. above gulch, projects SE., about 17.00 chs. dist. to end, and bears N. 20° W., about 7.50 chs. dist. to rocky point; descend abrupt SW. slope.
34.60	Draw, 30 ft. below spur, drains SE., about 20 chs. dist. to main draw, and heads N. 20° W., about 4.50 chs. dist.; ascend abrupt E. slope.
40.00	On abrupt E. slope, 150 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S32 / S5 1936 from which
	A juniper, 12 ins. diam., bears S. 16°45' W., 169 lks. dist., marked ¼ S5 BT.
	A juniper, 12 ins. diam., bears N. 17°45' W., 45 lks. dist., marked ¼ S32 BT.
	Continue abrupt ascent over E. slope.
42.90	Top of main spur, 40 ft. above the ¼ sec. cor., projects S. 20° E.; descend abrupt SW. slope.
49.30	Branch spur, projects S., about 15.00 chs. dist. to end; continue abrupt descent over SW. slope.
60.50	Gulch, 360 ft. below top of main spur, drains S. 10° E.; ascend abrupt E. slope.
64.50	Spur, 125 ft. above gulch, projects S., and bears N., about 3.50 chs. dist. to rocky peak; descend gradual SW. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SOUTH BOUNDARY, T. 42 S., R. 18 W.

Chains	
67.00	Head of draw, 30 ft. below spur, drains S., about 7.00 chs. dist., thence SW.; ascend gradual SE. slope.
71.60	Spur, 60 ft. above head of draw, projects S.; descend gradual SW. slope.
78.00	Draw, 150 ft. below spur, drains S., about 8.00 chs. dist., thence W.; ascend steep E. slope.
80.00	On steep E. slope, 60 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 5, 6, 31, and 32, with brass cap marked

T42S \| R18W
S31 \| S32
S6 \| S5
T43S

1936

from which

A juniper, 6 ins. diam., bears N. 36° E., 125 lks. dist., marked BT. Tree too scrubby for other marks.

A juniper, 14 ins. diam., bears S. 66° E., 144 lks. dist., marked BT. Tree too scrubby for other marks.

A juniper, 8 ins. diam., bears S. 60° W., 99 lks. dist., marked BT. Tree too scrubby for other marks.

A juniper, 8 ins. diam., bears N. 8°45' E., 463 lks. dist., marked BT. Tree too scrubby for other marks.

Land, low rolling foot hills of the Beaver Dam Mountains, with a general southwesterly exposure and drainage.

Soil, deep rocky and gravelly clay, mixed with rock, with outcroppings of limestone and quartzite; 4th rate.

Undergrowth, black and sage brush, amole plants, cactuses, yucca, weeds and grass.

Timber, a few scattered scrub juniper central and west portions of mile.

Fair winter grazing land.

N. 89°56' W., bet. secs. 6 and 31.

Ascend abrupt E. slope of low rolling mountainous land, through medium dense short undergrowth and a few scattered scrub juniper.

2.00	Spur, 30 ft. above cor., projects S.; descend gradual W. slope.
6.30	Draw, 80 ft. below spur, drains S., about 8.00 chs. dist., thence SW.; ascend gradual E. slope.
12.30	Spur, 50 ft. above draw, projects S., about 15.00 chs. dist., thence SW.; descend gradual SW. slope.
18.50	Draw, 130 ft. below spur, drains S., about 8.00 chs. dist., thence SW.; ascend gradual SE. slope.

U. S. GOVERNMENT PRINTING OFFICE 0—8155

SOUTH BOUNDARY, T. 42 S., R. 18 W.

Chains	
32.50	Spur, 70 ft. above draw, projects S., about 9.00 chs. dist., thence SW.; descend gradual W. slope.
30.00	Draw, 110 ft. below spur, drains S., about 11.50 chs. dist., thence SE.; ascend gradual E. slope.
31.80	Spur, 50 ft. above draw, projects S.; descend gradual SW. slope.
40.00	On W. edge of bottom of draw, 100 ft. below spur, drains S.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S31 / S6 1936 from which
	A juniper, 12 ins. diam., bears S. 86° E., 249 lks. dist., marked ¼ S6 BT.
	A juniper, 12 ins. diam., bears N. 86° W., 167 lks. dist., marked ¼ S31 BT.
	Thence ascend gradual SE. slope.
45.90	Spur, 30 ft. above the ¼ sec. cor., projects S., about 8.50 chs. dist. to end; descend gradual SW. slope.
50.40	Draw, 70 ft. below spur, drains S.; ascend gradual E. sl
52.20	Small spur, 20 ft. above draw, projects SE.; descend gradual W. slope.
55.40	Draw, 35 ft. below spur, drains S.; ascend gradual E. slope.
56.90	Dim road, bears NE. and SW.
60.00	Dim road, bears N., and S., 4.00 chs. dist., thence SE.
66.60	Small spur, 50 ft. above draw, projects SW.; descend gradual NW. slope.
70.20	Draw, 70 ft. below spur, drains SW., about 5.00 chs. dist thence S.; ascend gradual SE. slope.
73.70	Low spur, 75 ft. above draw, projects S., about 18.00 chs to end; descend gradual NW. slope.
78.38	On gradual NW. slope, 65 ft. below spur, near N. edge of draw.
	The cor. of Ts. 42 and 43 S., Rs. 18 and 19 W., an iron post, 3 ins. diam., extending 12 ins. above the ground, set, marked, and witnessed as described in the official record of the survey T. 42 S., R. 19 W., Group 92, Utah.
	Land, rolling and mountainous, with a general southerly exposure and drainage: Volcanic, limestone, and quartzite formations.
	Soil, deep clay and rock, mixed with gravel, with volcanic outcroppings; 4th rate.

U. S. GOVERNMENT PRINTING OFFICE 8—8155

SUBDIVISION OF A PORTION T. 42 S., R. 18 W., M. D. M.

Chains	
	Undergrowth, black and sage brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, a few scattered scrub juniper.
	Fair winter grazing land.

SUBDIVISION OF A PORTION T. 42 S., R. 18 W., M. D. M.

	From the true point for the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township, which is N. 89°58' W., 50 lks. dist. from the witness cor. to the cor. said secs.
	N. 0°01' W., bet. secs. 35 and 36.
	Over high ledgy mountainous land through medium dense timber and undergrowth.
2.00	Top of sharp rock spur, slopes abruptly to the NW.; thence descend abruptly over ledgy NE. slope of ledges.
17.70	Draw, 830 ft. below true point for cor., drains N. 80° W., 4.00 chs. dist., thence SW., about 8.00 chs. dist., thence W.; ascend abruptly over rocky SW. slope.
28.00	Spur, 290 ft. above draw, projects NW.; 4.00 chs. dist., thence N.; descend gradual NE. slope.
40.00	On NE. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone, 4 ft. base, 2½ ft. high, for ¼ sec. cor., with brass cap marked
	¼ S35 | S36 1936
	from which
	A pinon, 10 ins. diam., bears S. 51°30' E., 203 lks. dist., marked ¼ S36 BT.
	A juniper, 5 ins. diam., bears S. 83°30' W., 60 lks. dist., marked ¼ S35 BT.
42.60	Slope changes from a gradual NE. slope to an abrupt NW. slope, bears NE. and SW.
51.90	Draw, 220 ft. below the ¼ sec. cor., heads S. 20° W., 8.00 chs. dist., and drains E., 5.00 chs. dist., thence northerly; ascend abrupt SE. slope.
55.70	Top of ascent on E. slope of spur, 15 ft. above draw, bears W. and slopes E., 3.00 chs. dist.; descend gradually along E. slope.
79.00	Dim road, bears N. 70° W. and SE.
80.00	On gradual W. slope of spur, 220 ft. below top of ascent.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. secs. 25, 26, 35, and 36, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	T42S | R18W S26 | S25 S35 | S36 1936
	from whic
	A pinon, 6 ins. diam., bears N. 46°30' E., 160 lks. dist., marked T42S R18W S25 BT.
	A juniper, 10 ins. diam., bears S. 44°15' E., 177 lks dist., marked T42S R18W S36 BT.
	A pinon, 8 ins. diam., bears S. 46°30' W., 218 lks. dist., marked T42S R18W S35 BT.
	A juniper, 12 ins. diam., bears N. 65°45' W., 139 lks dist., marked BT. Tree too scrubby for other marks.
	Land, broken ledgy slopes of the Beaver Dam Mountains, with a general northwesterly exposure and drainage. Volcanic, limestone, and quartzite formations.
	Soil, shallow clay mixed with gravel and rock, from 1 to 4 ft. deep, with volcanic and limestone outcroppings; 4th rate.
	Undergrowth, black and sage brush, mountain rush, bitter brush, amole plants, cactuses, yucca, oak, and service-berry brush.
	Timber, scrub juniper and pinon.
	Fair grazing land during late fall and early spring month
	S. 89°56' E., on random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the E. bdy. of the township, 51 lks. S. of the cor. secs. 25, 30, 31, and 36, which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey T. 42 S., R. 17 W.
	Thence:
	S. 89°42' W., on true line, bet. secs. 25 and 36.
	Descend abrupt W. slope of rolling and broken mountainous land, through medium dense timber and undergrowth.
4.60	Head of draw, 130 ft. below cor., drains N. 20° W.; ascend gradual NE. slope.
6.50	Top of small rise, 5 ft. above head of draw, bears S. 20° E. and slopes N. 20° W.; descend abrupt SW. slope.
12.20	Draw, 80 ft. below top of rise, drains N., about 10.00 chs. dist., thence NW.; ascend gradual NE. slope.
25.40	Spur, 80 ft. above draw, projects N. 20° W.; road on top of spur, bears N. 20° W. and S. 20° E.; descend abrupt SW. slope.
31.30	Draw, 160 ft. below spur, drains NW. from S. 30° E.; ascend gradual NE. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
37.30	Spur, 120 ft. above draw, bears NW. and SE., descend gradual W. slope.
40.05	On gradual W. slope, 30 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S25 / S36 / 1936
	from which
	A juniper, 8 ins. diam., bears S. 38°30' E., 71 lks. dist., marked ¼ S36 BT.
	A juniper, 16 ins. diam., bears N. 9° W., 85 lks. dist., marked ¼ S25 BT.
	Thence descend abrupt SW. slope.
48.00	Dim road, bears N. 20° W. and SE.
50.80	Draw, 195 ft. below the ¼ sec. cor., drains N. 80° W., about 10.00 chs. dist., thence W., and heads southeasterly; ascend gradual NE. and N. slopes.
55.30	Top of ascent on N. slope, 60 ft. above draw, bears S., and slopes N., about 5.00 chs. dist. to main draw; descend gradually along N. and NW. slopes.
78.00	Draw, 180 ft. below top of ascent, drains N. 20° W., 4.00 chs. dist. to main draw, and heads SE., about 8.00 chs. dist.; ascend gradually.
80.10	The cor. of secs. 25, 26, 35, and 36, 5 ft. above draw.
	Land, rolling and mountainous, with a general northwesterly exposure and drainage. Volcanic, limestone, and quartzite formations.
	Soil, shallow rocky and gravelly clay, from 1 to 5 ft. deep, lying on bedrock, with outcroppings of limestone; 4th rate.
	Undergrowth, sage, black, oak, bitter, and service-berry brush, aholé plants, yucca, weeds, and grass.
	Timber, medium dense scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 0°01' W., bet. secs. 25 and 26.
	Descend gradual NW. slope of rolling hills on W. slope of the Beaver Dam Mountains, through medium dense timber and undergrowth.
3.80	Dim road, bears W., 3.00 chs. dist., thence S. 80° W., and SE., 4.00 chs. dist., thence N. 80° E.
4.60	Wash, 20 lks. wide, 3 ft. deep, in main draw, 35 ft. below cor., drains W.; ascend abrupt S. slope.

U. S. GOVERNMENT PRINTING OFFICE : 16—8185

SUBDIVISION OF A PORTION, [illegible] S., R. 18 W.

Chains	
10.80	Spur, 130 ft. above draw, projects W., and bears N. 80° E.; descend gradual NW. slope.
24.60	Draw, 90 ft. below spur, drains W. from the SE.; ascend gradual S. slope.
33.70	Rolling top of the divide ridge of the Beaver Dam Mountains 50 ft. above draw, bears S. 65° E., and slopes N. 65° W., about 15.00 chs. dist. to low saddle at Summit Service Station.
40.00	On general NE. slope, 35 ft. below divide.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S26 | S25

1936

from which

A juniper, 6 ins. diam., bears S. 8° E., 71 lks. dist., marked ¼ S25 BT.

A juniper, 6 ins. diam., bears S. 32°30' W., 53 lks. dist., marked ¼ S26 BT.

From this cor., Summitt Service Station On S. side of U.S. Highway No. 91, bears N. 87° W., 12.00 chs. dist.

47.70	Descent becomes more gradual, bears NW. and SE.
51.40	One wire telephone line, bears N. 30° E. and S. 30° W.
52.40	Wash, 20 lks. wide, 3 ft. deep, in draw, 120 ft. below the ¼ sec. cor., drains N. 30° E.; ascend gradual SE. slope.
54.60	U.S. Highway No. 91, bears N. 34° E., and S. 41°30' W.
63.70	Low spur, 40 ft. above draw, slopes E., about 6.00 chs. dist. to end; descend gradual NE. slope.
68.70	Draw, 55 ft. below spur, drains N. 80° E., about 8.00 chs. dist. to junction with draw draining northeasterly; dim road in bottom of draw, bears N. 80° E. and S. 80° W.; ascend abrupt SE. slope.
73.00	Low spur, 45 ft above draw, projects N. 70° E., about 7.00 chs. dist. to end; descend abrupt NE. slope.
75.90	Draw, 40 ft. below spur, drains N. 70° E., about 8.00 chs. dist. to junction with draw draining northeasterly; ascend abrupt SE. slope.
80.00	On an abrupt SE. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 23, 24, 25, and 26, with brass cap marked

T42S | R18W

S23 | S24

S26 | S25

1936

from which

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	A pinon, 6 ins. diam., bears N. 48° E., 11 lks. dist., marked T42S R18W S24 BT.
	A juniper, 12 ins. diam., bears S. 57°45' E., 272 lks. dist., marked T42S R18W S25 BT.
	A juniper, 12 ins. diam., bears S. 18°15' W., 101 lks. dist., marked T42S R18W S26 BT.
	A pinon, 10 ins. diam., bears N. 62°30' W., 136 lks. dist., marked T42S R18W S23 BT.
	Land, rolling slopes of low pass in the Beaver Dam Mountains, with a general northeasterly and southwesterly exposure and drainage. Volcanic and limestone formations.
	Soil, rocky and gravelly clay, from 1 to 10 ft. deep, with outcroppings of limestone; 4th rate.
	Undergrowth, sage, oak, service-berry, bitter, and oak, brush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 89°42' E., on random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the E. bdy. of the township, 40 lks. N. of the cor. secs. 19, 24, 25, and 30, an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey T. 42 S., R. 17 W.
	Thence:
	S. 89°59' W., on true line, bet. secs. 24 and 25.
	Descend abrupt SW. slope of rolling mountainous land, through medium dense timber and undergrowth.
6.80	Draw, 75 ft. below cor., drains S. 50° W.; ascend gradual SE. slope.
14.60	Spur, 20 ft. above draw, projects S. 80° W.; descend gradual NW. slope.
31.00	Draw, 300 ft. below spur, drains N. 25° W.; ascend gradual NE. slope.
32.70	The N. point of small spur, 15 ft. above draw; descend gradual NW. slope.
35.50	Small branch draw, 15 ft. below point of spur, heads SW., about 8.00 chs. dist., and drains NE., about 5.00 chs. dist. to junction with last draw draining northwesterly; ascend gradual NE. slope.
40.04	On gradual NE. slope, 70 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S24 / S25

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	from which
	A juniper, 5 ins. diam., bears N. 36°15' E., 64 lks. dist., marked ¼ S24 BT.
	A juniper, 6 ins. diam., bears S. 15°15' W., 127 lks. dist., marked ¼ S25 BT.
	Continue gradual ascent over NE. slope.
43.20	Spur, 10 ft. above the ¼ sec. cor., projects N. 20° E., 5.00 chs. to low saddle, thence NW.; descend gradual NW. slope.
48.70	Draw, 60 ft. below spur, drains N., and heads S., about 5.00 chs. dist.; ascend gradual NE. slope.
55.70	Spur, 70 ft. above draw, projects N.; descend W. slope.
58.30	One wire telephone line, bears N. and S.
63.50	Small draw, 110 ft. below spur, drains N., from S. 20° E.; ascend gradual E. slope.
64.40	Dim road, bears N. to U.S. Highway No. 91, and S. 20° E. to Apex and Paymaster mines.
65.70	Spur, 20 ft. above draw, projects N., about 5.00 chs. dist. to end; descend gradual W. slope.
67.00	One wire telephone line, bears N. 20° E. and S. 10° E.
69.00	Main draw, 60 ft. below spur, drains N.; ascend gradually along S. side of top of spur sloping E.
70.40	U.S. Highway No. 91, bears N. 12°12' E., and S. 12°12' W.
80.08	The cor. secs. 23, 24, 25, and 26, 135 ft. above draw.
	Land, rolling hills on the E. slopes of the Beaver Dam Mountains, with a general northerly exposure and drainage. Volcanic and limestone formations.
	Soil, rocky and gravell clay, mixed with sand, from 1 to 5 ft. deep, with volcanic and limestone otucroppings; 4th rate.
	Undergrowth, sage, black, service-berry, bitter, and oak brush, amole plants, cactuses, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 0°01' W., bet. secs. 23 and 24.
	Ascend gradual SE. slope of rolling mountainous land, through medium dense scrub timber and undergrowth.
1.50	Spur, 5 ft. above cor., slopes N. 70° E.; descend gradual NE. slope.
3.10	Descent becomes more abrupt, bears NW. and SE.
8.80	Draw, 110 ft. below spur, drains N. 80° E.; old road in bottom of draw, bears N. 80° E. and S. 80° W.; ascend abrupt SW. slope.
14.30	Spur, 90 ft. above draw, slopes N. 70° E.; descend gradual NE. slope.

U. S. GOVERNMENT PRINTING OFFICE

Chains	
19.80	Draw, 100 ft. below spur, drains N. 80° E., and heads S. 80° W., about 10.00 chs. dist.; ascend steep SE. slope.
24.50	Spur, 80 ft. above draw, projects E.; thence along E. slope at head of draw draining N. 70° E.
28.50	Low spur, same level as last spur, slopes N. 40° E.; descend abrupt NW. slope.
37.00	Old wood road, bears N. 60° E. and SW.
38.80	Draw, 110 ft. below spur, drains N. 60° E., and heads SW., about one mile dist.; ascend gradual SE. slope.
40.00	On gradual SE. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S23 | S24 1936 from which
	A pinon, 8 ins. diam., bears N. 68°30' E., 69 lks. dist., marked ¼ S24 BT.
	A juniper, 5 ins. diam., bears S. 71°45' W., 104 lks. dist., marked ¼ S23 BT.
45.30	Spur, 70 ft. above the ¼ sec. cor., projects NE. from S. 55° W.; descend abrupt NW. slope.
58.30	Draw, 150 ft. below spur, drains N. 35° E.; ascend steep SE. slope.
72.40	Spur, 110 ft. above draw, projects N. 40° E.; descend abrupt NW. slope.
79.83	A well constructed 4 strand barbed wire fence, bears E. and W.
80.00	On NW. slope, 230 ft. below spur.
	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 T42S | R18W S14 | S13 S23 | S24 1936 from which
	A juniper, 14 ins. diam., bears N. 18°45' E., 84 lks. dist., marked T42S R18W S13 BT.
	A pinon, 5 ins. diam., bears S. 15° E., 155 lks. dist., marked S24 BT. Tree too scrubby for other marks.
	A juniper, 10 ins. diam., bears S. 58°30' W., 45 lks. dist., marked T42S R18W S23 BT.
	No suitable bearing tree in sec. 14 available.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Note: This cor. marks the S. bdy. of the Shebit Indian Reservation.
	Land, rolling hills on the E. slope of the Beaver Dam Mountains, with a general easterly exposure and drainage. Volcanic, limestone, and sandstone formations.
	Soil, shallow rocky and gravelly clay, with volcanic and limestone outcroppings; 4th rate.
	Undergrowth, sage, oak, service-berry, bitter, and black brush, amole plants, cactuses, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 89°59' E., on random line, bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the E. bdy. of the township, 28 lks. N. of the cor. secs. 13, 18, 19, and 24, an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey T. 42 S., R. 17 W.
	Thence:
	N. 89°51' W., on true line bet. secs. 13 and 24, and along the S. bdy. of the Shebit Indian Reservation.
	Ascend abrupt E. slope of rolling and broken mountainous land through medium dense timber and undergrowth. Line follows along a well constructed 4 strand barbed wire fence.
4.90	Ridge, 330 ft. above cor., bears N. 10° W. and S. 22° E.; descend abrupt W. slope.
23.70	Small draw at base of abrupt descent, 580 ft. below ridge, drains SW., about 6.00 chs. dist., thence W.; thence descend gradually along SW. slope.
26.00	Top of sandstone outcropping, 30 ft. high, faces W. and bears N. 30° W. and S. 30° E.; descend gradually along S. slope.
37.54	Slope chagnes from a S. slope to a gradual W. slope, bears N. 80° E. and SW.
40.05	On general W. slope, 340 ft. below base of abrupt descent.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock andin a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S13 / S24
	1936
	from which
	A juniper, 4 ins. diam., bears S. 27°30' E., 114 lks. dist., marked ¼ S24 BT.
	A juniper, 8 ins. diam., bears N. 27°30' W., 104 lks. dist., marked ¼ S13 BT.

U. S. GOVERNMENT PRINTING OFFICE

Chains	
	Cor. is set in fence line bearing E. and W., and on the S. bdy. of the Shebit Indian Reservation.
45.00	Descent becomes more gradual, bears N. and S.
49.05	One wire telephone line, bears N. and S.
51.00	Wash, 20 lks. wide, 4 ft. deep, in draw, 140 ft. below the ¼ sec. cor., drains N.; ascend gradually over general E. slope.
52.00	The SW. cor. of barbed wire fence, bears N. and E.
52.75	U.S. Highway No. 91, bears S. 9° E. and N. 9° W.
54.55	The SE. cor. of barbed wire fences, bearing N. and W.; thence along fence line.
59.80	Draw, 40 ft. deep, drains NE.; thence ascend steep SE. slope.
68.60	Spur, 130 ft. above draw, projects NE.; descend gradual NW. slope.
71.40	Draw, 35 ft. below spur, drains NE., and heads SW., 5.00 chs. dist.; ascend gradual E. slope.
74.90	Small spur, 60 ft. above draw, projects NE., 5.00 chs. dist. to end; descend gradual NW. slope.
80.10	The cor. of secs. 13, 14, 23, and 24, 60 ft. below spur.
	Land, broken and rolling mountainous land, with a general easterly and westerly exposure and drainage. Volcanic, limestone, sandstone, and quartzite formations.
	Soil, shallow clay and sand, mixed with rock and gravel, from 1 to 3 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, black sage, oak, service-berry, and bitter brush, whole plants, shadscale, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.

	From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the township, heretofore described.
	N. 0°01' W., bet. secs. 34 and 35.
	Ascend gradual SE. slope of rolling mountainous land, through scattered scrub timber and medium dense undergrowth.
5.80	Spur, 70 ft. above cor., projects N. 30° E.; descend gradual NW. slope.
28.90	Recross top of same spur, 235 ft. below top at last crossing, projects N. 30° W. from SE.; descend gradual NE. slope.
32.90	Gulch, 155 ft. below spur, drains N. 60° W.; ascend gradual SW. slope.
37.20	Old road, bears NW. and SE.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains

40.00 On gradual SW. slope, 50 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S34 | S35
1936

from which

A juniper, 8 ins. diam., bears S. 86°45' E., 92 lks. dist., marked ¼ S35 BT.

A juniper, 6 ins. diam., bears S. 79° W., 141 lks. dist., marked ¼ S34 BT.

Continue gradual ascent over SW. slope.

41.70 Spur, 15 ft. above the ¼ sec. cor., projects N. 70° W.; descend gradual N. slope.

42.55 One wire telephone line, bears N. 60° E. and S. 60° W.

55.40 Bottom of main draw, 90 ft. below spur, drains S. 60° W.; ascend gradual SW. slope.

57.70 U.S. Highway No. 91, bears N. 66° E. and S. 66° W.

72.80 Head of small draw, drains S. 30° W., about 18.00 chs. dist. to junction with main draw; continue gradual ascent.

77.80 Spur, 350 ft. above main draw, projects SE.; ascend gradually along steep E. slope.

80.00 On steep E. slope, 30 ft. above spur.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 26, 27, 34, and 35, with brass cap marked

T42S | R18W
S27 | S26
S34 | S35
1936

from which

A pinon, 14 ins. diam., bears N. 82° E., 61 lks. dist., marked T42S R18W S26 BT.

A pinon, 14 ins. diam., bears S. 24° E., 118 lks. dist., marked T42S R18W S35 BT.

No other suitable bearing trees available.

Land, rolling hills on the W. slope of the main ridge of Beaver Dam Mountains; general northerly and southerly exposure and drainage. Volcanic, sand and limestone formations.

Soil, shallow clay and sand, mixed with rock and gravel, from 1 to 4 ft. deep, lying on bedrock, with sandstone and volcanic outcroppings; 4th rate.

Undergrowth, sage, black, bitter, andoak brush, amole plants, yucca, cactuses, weeds, and grass.

U. S. GOVERNMENT PRINTING OFFICE

Chains	
	Timber, scrub juniper and pinon.
	Fair winter grazing land.
	S. 89°58' E., on random line, bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 2 lks. S. of the cor. secs. 25, 26, 35, and 36.
	Thence:
	N. 89°57' W., on true line, bet. secs. 26 and 35.
	Over rolling mountainous land, through medium dense timber and undergrowth.
0.80	Small draw, 5 ft. below cor., drains N. 5° W.; ascend gradual NE. slope.
0.50	Dim road, bears N. 20° W. and S. 20° E.
3.90	Spur, 80 ft. above cor., projects N., 4.00 chs. dist. to end; descend gradual NW. slope.
14.50	Wood road, bears N. 30° E. and S. 30° W.
17.70	Draw, 90 ft. below spur, drains S., from N. 20° E.; ascend gradual SE. slope.
24.80	Spur, 50 ft. above draw, projects SW.; descend gradual NW. slope.
39.40	Draw, 120 ft. below spur, drains S. 50° W.; ascend gradual SE. slope.
40.00	On gradual SE. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S26 / S35 1936 from which
	A juniper, 12 ins. diam., bears N. 24° E., 47 lks. dist., marked ¼ S26 BT.
	A juniper, 10 ins. diam., bears S. 38°30' E., 28 lks. dist., marked ¼ S35 BT.
42.50	Small spur, 20 ft. above the ¼ sec. cor., projects S. 30° W., 4.00 chs. dist. to end; descend gradual W. slope.
43.50	One wire telephone line, bears N. 30° E. and SW.
46.50	Bottom of main draw, 60 ft. below spur, drains S. 20° W.; ascend gradual SE. slope.
48.60	U.S. Highway No. 91, bears N. 42° E. and S. 42° W.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
67.60	Spur, 275 ft. above main draw, projects S.; descend steep W. slope.
73.50	Draw, 180 ft. below spur, drains S.; ascend steep E. slope.
74.10	Dim wood road, bears N. and S.
80.00	The cor. secs. 26, 27, 34, and 35, 170 ft. above draw.
	Land, rolling mountainous land which forms the W. slopes of the Beaver Dam Mountains; general southerly and southwesterly exposure and drainage.
	Soil, shallow clay and sand, mixed with rock and gravel, from 1 to 5 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, sage, oak, service-berry, and bitter brush, amole plants, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.

N. 0°01' W., bet. secs. 26 and 27.

Ascend gradually along steep E. slope of rough mountainous land, through medium dense timber and undergrowth.

2.90	Top of ascent on E. slope, 30 ft. above cor., bears E. and W.; descend gradually along steep E. slope.
8.00	Draw, 75 ft. below top of ascent, drains S. 50° E.; ascend steep SW. slope.
8.85	Dim wood road, bears S. 50° E. and NW., about 8.00 chs. dist. to end.
20.00	Slope changes from a steep SW. slope to a steep W. slope.
25.00	Base of limestone ledge, 25 ft. high, faces SW. and bears NW. and SE.
37.70	Top of divide ridge of the Beaver Dam Mountains, 705 ft. above draw, bears S. 40° E. and N. 70° W.; descend abrupt N. slope.
40.00	On steep N. slope, 50 ft. below top of divide.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S27 | S26

1936

from which

A juniper, 7 ins. diam., bears S. 34° E., 8 lks. dist., marked ¼ S26 BT.

A pinon, 6 ins. diam., bears S. 62° W., 7 lks. dist., marked ¼ S27 BT.

Continue abrupt descent over N. slope.

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
43.40	Head of draw, 100 ft. below the ¼ sec. cor., drains N. 50° E.; ascend gradual SE. slope.
47.00	Spur, 30 ft. above head of draw, projects NE.; descend abrupt N. slope.
53.40	Draw, 160 ft. below spur, drains NE., 3.50 chs. dist. to junction with next draw; ascend gradually along E. slope.
55.40	Spur, 25 ft. above draw, slopes E., 2.00 chs. dist. to end; descend gradual NE. slope.
59.00	Draw, 55 ft. below spur, drains E.; ascend steep S. slope.
70.70	Spur, 230 ft. above draw, projects E.; descend NE. slope.
80.00	On NE. slope, 120 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 22, 23, 26, and 27, with brass cap marked

T42S | R18W	
S22	S23
S27	S26

1936

from which

A pinon, 6 ins. diam., bears N. 44°30' E., 48 lks. dist., marked T42S R18W S23 BT.

A pinon, 7 ins. diam., bears S. 54° E., 27 lks. dist., marked T42S R18W S26 BT.

A pinon, 10 ins. diam., bears S. 28°15' W., 79 lks. dist., marked T42S R18W S27 BT.

A pinon, 7 ins. diam., bears N. 73°45' W., 66 lks. dist., marked T42S R18W S22 BT.

Land, broken slopes of the main ridge of the Beaver Dam Mountains, with a general southerly and northeasterly exposure and drainage; sandstone and limestone formations.

Soil, shallow sand and clay, mixed with loose rocky and gravel, from 1 to 3 ft. deep, lying on sandstone bedrock; 4th rate.

Undergrowth, sage, black, and bitter brush, cactuses, yucca, weeds, and grass.

Timber, scrub juniper and pinon.

Fair early fall and spring grazing.

S. 89°57' E., on random line, bet. secs. 23 and 26.

40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 16 lks. S. of the cor. secs. 23, 24, 25, and 26.

Thence:

S. 89°56' W., on true line, bet. secs. 23 and 26.

U. S. GOVERNMENT PRINTING OFFICE 6—6155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Ascend gradually along S. slope of rolling mountainous land, along S. side of draw draining easterly, through medium dense timber and undergrowth.
14.90	Draw, 75 ft. above cor., drains S. 70° E.; ascend gradual E. slope.
21.60	Spur, 90 ft. above draw, projects SE. and bears N. 70° W.; ascend gradually along S. slope of spur.
40.01	On S. slope of spur, 140 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S23 / S26
	1936
	from which
	A juniper, 12 ins. diam., bears S. 2° E., 183 lks. dist., marked ¼ S26 BT.
	No other suitable bearing tree available.
	Continue gradual ascent along S. slope.
45.00	Head of draw, drains SE.; thence ascend gradual E. slope.
51.00	Forks of spurs, projects S. 60° E. and NE., and bears W.; thence ascend gradually along top of spur.
62.30	Leave top of spur, projects E. from SW.; thence ascend gradually along NE. slope.
80.02	The cor. of secs. 22, 23, 26, and 27, 355 ft. above the ¼ sec. cor.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general easterly exposure and drainage. Limestone, volcanic, and sandstone formations.
	Soil, shallow clay and sand, mixed with rock and gravel, with outcroppings of lime and sandstone; 4th rate.
	Undergrowth, sage, oak, service-berry, and bitter brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair early spring and late fall grazing.
	N. 0°01' W., bet. secs. 22 and 23.
	Descend abrupt NE. slope of broken mountainous land, through medium dense timber and undergrowth.
17.50	Gulch, 330 ft. below cor., drains N. 80° E.; ascend abrupt S. slope.
17.60	Dim wood road, bears N. 80° E. and W.
28.90	Spur, 300 ft. above gulch, projects S. 30° E., about 15.00 chs. dist. to end; thence ascend steep SE. slope.

Chains	
33.70	Ascent becomes more gradual, bears E. and W.
40.00	On gradual SE. slope, 20 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S22 | S23 1936
	from which
	A juniper, 7 ins. diam., bears S. 8°15' E., 84 lks. dist., marked ¼ S23 BT.
	A juniper, 9 ins. diam., bears S. 30°30' W., 73 lks. dist., marked ¼ S22 BT.
44.00	Top of ascent, 30 ft. above the ¼ sec. cor., bears E. and W.; descend gradually along E. slope.
55.80	Gulch, 90 ft. below top of ascent, drains S. 10° E. from the N.; thence ascend gradually along bottom of gulch.
68.20	Leave bottom of gulch, drains S. from N. 10° W.; ascend gradual SW. slope along E. side of gulch.
78.00	Ridge, 130 ft. above bottom of gulch, bears E., 5.20 chs. dist., thence N. and S., and W., about 10.00 chs. dist., thence N.; 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. 14, 15, 22, and 23, with brass cap marked
	T42S | R18W S15 | S14 S22 | S23 1936
	from which
	A pinon, 6 ins. diam., bears N. 23°15' E., 37 lks. dist., marked T42S R18W S14 BT.
	A juniper, 8 ins. diam., bears S. 21° E., 8 lks. dist., marked T42S R18W S23 BT.
	A pinon, 8 ins. diam., bears S. 28° W., 16 lks. dist., marked T42S R18W S22 BT.
	A pinon, 8 ins. diam., bears N. 61°15' W., 49 lks. dist., marked T42S R18W S15 BT.
	Note: This cor. marks the SW. cor. of the Shebit Indian Reservation.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general easterly exposure and drainage.
	Soil, shallow loose sand, clay, rocky, and gravel, from 1 to 3 ft. deep, lying on bedrock; 4th rate.

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF A PORTION, T. 42 S., R. 18 E.

Chains	
	Undergrowth, sage, black, service-berry, and oak brush, mountain rush, amole plants, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 89°56' E., on random line, bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 13, 14, 23, and 24.
	Thence:
	S. 89°53' W., on true line, bet. secs. 14 and 23, and along the S. bdy. of the Shebit Indian Reservation.
	Descend abrupt W. slope of broken rough mountainous land, through medium dense timber and undergrowth. Line follows along 4 strand barbed wire fence, bearing E. and W.
0.60	Draw, 10 ft. below cor., drains N. 30° E. from the SW.; ascend abrupt E. slope.
6.80	Spur, 125 ft. above draw, projects NE., 3.00 chs. dist., thence N. 80° E.; descend gradual W. slope.
10.10	Draw, 60 ft. below spur, drains N., and heads S., 2.00 chs. dist.; ascend gradual E. slope.
12.50	Spur, 50 ft. above draw, projects N., about 8.00 chs. dist. to end, and bears SW.; descend gradual W. slope.
16.00	Draw, 50 ft. below spur, drains N. 30° E.; ascend abrupt E. slope.
39.99	On steep E. slope, 560 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S14 / S23 1936 from which
	A pinon, 6 ins. diam., bears N. 15° E., 92 lks. dist., marked ¼ S14 BT.
	A pinon, 8 ins. diam., bears S. 77° W., 61 lks. dist., marked ¼ S23 BT.
	Cor. is set in 4 strand barbed wire fence line bearing E. and W., and on the S. bdy. of the Shebit Indian Reservation.
46.00	The W. end of fence line from the E.; thence ascend very abrupt E. slope with numerous outcroppings of sandstone.
50.10	Spur, 300 ft. above the ¼ sec. cor., projects N. 20° E.; descend abrupt NW. slope.
58.80	Small draw, 130 ft. below spur, drains N., about 12.00 chs.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	to junction with main draw draining easterly; ascend abrupt NE. slope.
61.60	Spur, 130 ft. above draw, projects N., about 10.00 chs. dist. to end; descend abrupt rocky NW. slope.
67.40	Head of draw, 85 ft. below spur, drains N., 10.00 chs. dist., thence N. 80° E.; ascend abrupt ledgy NE. slope.
74.80	Top of vertical ledge, 35 ft. high, faces W. and bears N. and S., also top of ridge, 200 ft. above head of draw, bears N. and S.; descend abruptly over W. face of ledge.
79.98	The cor. of secs. 14, 15, 22, and 23, 195 ft. below ridge.
	Land, broken ledgy E. slope of the Beaver Dam Mountains, with a general easterly exposure and drainage.
	Soil, shallow loose sand, mixed with rocks with outcroppings of sand and limestone; 4th rate.
	Undergrowth, sage, black, service-berry, bitter, and oak brush, amole plants, cactuses, yucca, mountain rush, weeds and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.

N. 0°01' W., bet. secs. 14 and 15, and along the W. bdy. of the Shebit Indian Reservation.

Descend gradually over broken NW. slope of rough mountainous land, through medium dense undergrowth and timber.

7.90	Draw, 115 ft. below cor., drains NE., about 10.00 chs. dist. to junction with next draw; ascend gradual S. slope.
9.90	Spur, 25 ft. above draw, projects E., 3.00 chs. dist. to end; descendgradual N. slope.
13.60	Draw, 50 ft. below spur, drains SE., to junction with draw, thence NE.; ascend steep S. slope.
34.50	Top of rocky spur, 500 ft. above draw, projects S. 50° W.; descend gradually along steep rocky W. slope.
40.00	On steep rocky W. slope, 90 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S15 | S14

1936

from which

A juniper, 12 ins. diam., bears S. 78°45' E., 31 lks. dist., marked ¼ S14 BT.

A juniper, 6 ins. diam., bears N. 9°15' W., 83 lks. dist., marked ¼ S15 BT.

Note: This cor. is set on the W. bdy. of the Shebit Indian Reservation.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains

43.90 Top of limestone ledges which form the S. rim of deep gulch, faces NE. and bears NW. and SE.; descend abruptly over nearly inaccessible ledges to gulch.

53.80 Bottom of gulch, 410 ft. below the ¼ sec. cor., drains E.; ascend steep N. breaks of gulch over nearly inaccessible ledges.

72.80 Top of N. rim of gulch and top of spur, 585 ft. above bottom of canyon, slopes abruptly to the E., and bears W., about 7.00 chs. dist. to high rocky peak; descend abrupt N. slope over limestone ledges.

78.70 Top of limestone ledge, and top of S. breaks of deep rocky gulch, bears E. and W.; descend abrupt N. slope over nearly inaccessible ledges.

80.00 On abrupt N. slope, 160 ft. below spur, mark a cross (X) on the surfacerock, over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 10, 11, 14, and 15, with brass cap marked

T42S | S10	R18W | S11
S15	S14

1936

from which

A pinon, 10 ins. diam., bears N. 73° E., 18 lks. dist., marked T42S R18W S11 BT.

A pinon, 7 ins. diam., bears S. 46°45' E., 77 lks. dist., marked T42S R18W S14 BT.

A juniper, 12 ins. diam., bears S. 46°15' W., 82 lks. dist., marked T42S R18W S15 BT.

A pinon, 8 ins. diam., bears N. 52°15' W., 116 lks. dist., marked T42S R18W S10 BT.

Note: This cor. is set on the W. bdy. of the Shebit Indian Reservation.

Land, broken and mountainous, with a general westerly and easterly exposure and drainage. Volcanic, quartzite, lime, and sandstone formations.

Soil, shallow clay and sand, mixed with loose rock and gravel, with outcroppings of limestone; 4th rate.

Undergrowth, black, sage, bitter, service-berry, and oak brush, amole plants, yucca, mountain rush, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing.

N. 0°01' W., bet. secs. 10 and 11, and along the W. bdy. of the Shebit Indian Reservation.

Descend abrupt ledgy N. slope of rough mountainous land, through medium dense timber and undergrowth.

Chains	
16.00	Gulch, 580 ft. below cor., drains E.; ascend abrupt N. breaks of gulch over nearly inaccessible limestone ledges.
17.90	Top of N. rim of gulch, 585 ft. above bottom, bears E. and W.; ascend abrupt SE. slope.
22.60	Top of wide spur, 50 ft. above rim of gulch, slopes abruptly to the E.; descend abrupt N. slope.
34.80	Head of small draw, 230 ft. below spur, drains NE.; ascend abrupt S. slope.
37.00	Spur, 30 ft. above head of gulch, projects NE., 5.00 chs. dist. to end; descend abrupt N. slope.
40.00	On abrupt N. slope, 85 ft. below spur, mark a cross (X) on the limestone surfacerock, over which:
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S10 | S11 1936 from which
	A pinon, 12 ins. diam., bears S. 40° E., 37 lks. dist., marked ¼ S11 BT.
	A juniper, 10 ins. diam., bears N. 83° W., 21 lks. dist., marked ¼ S10 BT.
	Note: This cor. is set on the W. bdy. of the Shebit Indian Reservation, at S. end of fence bearing northerly.
40.40	Gulch, 30 ft. below the ¼ sec. cor., drains E.; ascend steep S. slope.
44.00	Spur, 110 ft. above gulch, projects E.; descend abrupt N. slope.
47.70	Draw, 30 ft. below spur, drains N. 80° E.; ascend steep S. slope.
58.70	Spur, 300 ft. above draw, projects E.; descend abrupt N. slope.
74.70	Draw, 410 ft. below spur, drains E.; ascend steep rocky S. slope.
80.00	On steep rocky S. slope, 185 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 2, 3, 10, and 11, with brass cap marked T42S | R18W S3 | S2 S10 | S11 1936 from which
	A juniper, 6 ins. diam., bears N. 53° E., 106 lks. dist., marked T42S R18W S2 BT.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	A juniper, 6 ins. diam., bears S. 15°45' E., 42 lks. dist., marked T42S R18W S11 BT.
	A juniper, 12 ins. diam., bears S. 85°45' W., 134 lks. dist., marked T42S R18W S10 BT.
	A pinon, 18 ins. diam., bears N. 31° W., 126 lks. dist., marked T42S R18W S3 BT.
	Note: This cor. is set on the W. bdy. of the Shebit Indian Reservation, and at the W. side of barbed wire fence, bearing northerly and southerly.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general easterly exposure and drainage. Volcanic, lime and sandstone, and quartzite formations.
	Soil, shallow loose sand and clay, mixed with rock and gravel, from 1 to 4 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, sage, oak, service-berry, bitter, and black brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	North, on random line, bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect the N. bdy. of the township, 3 lks. E. of the cor. of secs. 2, 3, 34, and 35, an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 41 S., R. 18 W.
	Note: This cor. is set at the NW. cor. of the Shebit Indian Reservation, and at the NW. cor. of barbed wire fence, bearing easterly and southerly.
	Thence:
	S. 0°01' E., on true line, bet. secs. 2 and 3, and along the W. bdy. of the Shebit Indian Reservation.
	Descend gradual S. slope of broken mountainous land, through medium dense timber and undergrowth. Line follows along the W. side of barbed wire fence bearing southerly.
1.00	Gulch, 30 ft. below cor., drains E., 4.00 chs. dist., thence SE.; ascend steep N. slope.
16.60	Spur, 350 ft. above gulch, projects E.; descend abrupt S. slope.
27.80	Draw, 220 ft. below spur, drains SE., about 10.00 chs. dist., thence SE.; ascend abrupt N. slope.
40.16	On abrupt N. slope, 130 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S3 | S2

1936

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	from which
	A pinon, 10 ins. diam., bears N. 56°30' E., 136 lks. dist., marked ¼ S2 BT.
	A juniper, 6 ins. diam., bears N. 13°30' W., 69 lks. dist., marked ¼ S3 BT.
	Cor. set on the W. bdy. of the Shebit Indian Reservation and at the W. side of barbed wire fence, bears northerly and southerly.
	Continue abrupt ascent over N. slope.
47.00	Spur, 190 ft. above the ¼ sec. cor., projects E., descend abrupt S. slope.
56.20	Draw, 360 ft. below spur, drains E.; ascend abrupt N. slope.
64.70	Spur, 140 ft. above draw, projects E.; descend abrupt S. slope.
69.30	Draw, 120 ft. below spur, drains E.; ascend abrupt N. slope.
76.30	Spur, 160 ft. above draw, projects E.; descend abrupt S. slope.
80.16	The cor. of secs. 2, 3, 10, and 11, 40 ft. below spur.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general easterly exposure and drainage. Volcanic, lime and sandstone, and quartzite formations.
	Soil, shallow loose sand and clay, mixed with gravel and rock, from 1 to 4 ft. deep, lying on bedrock; 4th rate.
	Undergrowth, sage, black, service-berry, and oak brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township, heretofore described.
	N. 0°02' W., bet. secs. 33 and 34.
	Ascend gradual SE. slope of the rolling foot hills of Beaver Dam Mountain, through scattered scrub timber and medium dense short undergrowth.
4.20	Enter bottom lands of draw draining SW., bears NE. and SW.; thence ascend gradually along bottom lands of draw.
11.30	Wash, 40 lks. wide, 6 ft. deep, in bottom of draw, drains SW.; continue gradual ascent along bottom lands of draw.
20.40	Recross wash, drains S. 10° E., 4.00 chs. dist., thence southerly, from N., thence along bottom of wash.
27.20	Leave bottom of wash, drains S. from N. 10° W.; ascend gradual SW. slope.
35.40	Unimproved road, bears N. 30° W. and S. 30° E.
40.00	On gradual SW. slope, 170 ft. above sec. cor.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S33 | S34 1936 raise a mound of stone, 5 ft. base, 3½ ft. high, W. of cor.
	No suitable bearing trees available.
	Continue gradual ascent along W. and SW. slopes.
80.00	On SW. slope, 330 ft. above the ¼ 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 T42S | R18W. S28 | S27 S33 | S34 1936 raise a mound of stone, 5 ft. base, 3½ ft. high, W. of cor.
	Land, broken foot hills of the Beaver Dam Mountains; with a general southwesterly exposure and drainage. Volcanic, sand and limestone, and quartzite formations.
	Soil, shallow loose sand, clay, and rock, with outcroppings of quartzite, from 1 to 3 ft. deep; 4th rate.
	Undergrowth, black, sage, service-berry, and bitter brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, a few scattered scrub juniper and pinon.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, .7 lks. S. of the cor. secs. 26, 27, 34, and 35.
	Thence:
	N. 89°59' W., on true line, bet. secs. 27 and 34.
	Ascend steep SE. slope of rough mountainous land, through medium dense timber and undergrowth.
5.00	Spur, 120 ft. above cor., slopes S.; descend steep rocky SW. slope.
10.00	Draw, 65 ft. below spur, drains S., and heads N., 5.00 chs. dist.; ascend abrupt rocky E. slope.
12.80	Limestone spur, 100 ft. above draw, projects S.; descend steep SW. slope.

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
28.60	Head of draw, drains W.; thence descend gradually along general bottom of draw over broken limestone outcroppings.
33.30	Wood road, bears N. 30° W. and S. 50° E.
34.50	Leave bottom of draw, 720 ft. below spur, drains SE. from the W.; ascend abrupt E. slope of high quartzite ridge.
40.01	On abrupt E. slope of quartzite ridge, 200 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S27 / S34 1936 from which A juniper, 12 ins. diam., bears S. 9° E., 36 lks. dist., marked ¼ S34 BT. A juniper, 8 ins. diam., bears N. 0°30' W., 78 lks. dist., marked ¼ S27 BT.
	Continue abrupt ascent over E. slope of quartzite ridge.
40.60	Top of high quartzite ridge, 40 ft. above the ¼ sec. cor., bears S. 25° E., and N. 25° W. Note: This ridge is cut by draws draining southwesterly. Descend abrupt SW. slope.
52.30	Draw, 255 ft. below ridge, drains S. 10° E.; dim road in bottom of draw, bears S. 10° E. and N. 10° W.; timber becomes very scattered, bears with road; ascend steep SE. slope.
56.70	Spur, 75 ft. above draw, slopes S., 4.00 chs. dist. to end; descend gradual SW. slope over quartzite outcroppings.
62.70	Draw, 30 ft. below spur, drains S. 60° E., 4.00 chs. dist., thence E., about 7.00 chs. dist., thence SE.; ascend gradual SE. slope.
66.50	Spur, 50 ft. above draw, projects SE., about 8.00 chs. dist. to end; descend gradual SW. slope.
70.10	Head of draw, 30 ft. below spur, drains S.; ascend gradual SE. slope.
75.60	Spur, 80 ft. above head of draw, projects S.; descend steep SW. slope.
80.02	The cor. secs. 27, 28, 33, and 34, 50 ft. below spur. Land, broken foot hills of the Beaver Dam Mountains, with a general southerly and southwesterly exposure and drainage. Sand and limestone, and quartzite formations. Soil, shallow clay and sand, mixed with gravel and rock, from 1 to 3 ft. deep, lying on bedrock, with outcroppings of quartzite; 4th rate. Undergrowth, sage, black, service-berry, and bitter brush, amole plants, yucca, cactuses, weeds and grass.

Chains	
	Timber, scrub juniper and pinon.
	Fair winter grazing land.
	N. 0°02' W., bet. secs. 27 and 28.
	Ascend gradual SW. slope of rough mountainous land, through scattered scrub timber and medium dense undergrowth.
6.82	From this point, the E. gable of a rock house belonging to George Gile Hardy, bears N. 82°15' W., 10.58 chs. dist.
	A well about 16 ft. deep, containing good water, bears N. 77°45' W., 12.57 chs. dist.
7.10	Top of ascent on SW. slope, 80 ft. above cor., bears NE. and SW.; descend gradually along W. slope.
16.80	Draw, 85 ft. below top of ascent, heads E., 3.00 chs. dist., and drains SW., 8.00 chs. dist. to junction with main draw draining southerly; ascend gradual SE. slope.
22.00	Spur, 40 ft. above draw, projects S. 70° W., about 8.00 chs. dist. to end; descend gradually over broken NW. and W. slopes.
29.80	Base of descent, 10 ft. below spur, bears E. and W.; ascend gradually along W. slope.
40.00	On steep W. slope, 170 ft. above base of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor.; with brass cap marked
	¼ S28 | S27 1936
	from which
	A juniper, 16 ins. diam., bears S. 49°15' E., 68 lks. dist., marked ¼ S27 BT.
	A juniper, 12 ins. diam., bears S. 54°15' W., 103 lks. dist., marked ¼ S28 BT.
52.00	The junction of draws draining S., from NW. and NE., bears W., about 10.00 chs. dist.
53.20	Top of ascent on W. slope, 190 ft. above the ¼ sec. cor., bears E. and W.; descend gradually along broken W. slope.
63.40	Draw, 30 ft. below top of ascent, drains SW., about 15.00 chs. dist. to junction with main draw draining southerly; ascend abrupt SE. slope.
68.00	Ascent becomes gradual and timber dense, bears NE. and SW.
71.90	Top of ascent, 130 ft. above draw, bears E. and W.; descend gradual NE. slope.
73.60	Draw, 20 ft. below top of ascent, drains S. 30° E., about 5.00 chs. dist. to junction with last draw, and heads NW.; ascend abrupt rocky SW. slope.

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
74.70	Dim wood road, bears NW. and SE.
80.00	On steep SW. slope, 130 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 21, 28, 27, and 28, with brass cap marked
	T42S | R18W S21 | S22 S28 | S27 1938
	from which
	A juniper, 8 ins. diam., bears N. 81°30' E., 37½ lks. dist., marked T42S R18W S22 BT.
	A juniper, 8 ins. diam., bears S. 35° E., 41 lks. dist., marked T42S R18W S27 BT.
	A pinon, 10 ins. diam., bears S. 58° W., 37 lks. dist., marked T42S R18W S28 BT.
	A pinon, 8 ins. diam., bears N. 73° W., 45 lks. dist., marked T42S R18W S21 BT.
	Land, broken SW. slope of the Beaver Dam Mountains, with a general southwesterly exposure and drainage. Limestone, quartzite, volcanic, and sandstone formations.
	Soil, shallow rocky clay and sand, from 1 to 4 ft. deep, lying on bedrock, with quartzite and limestone outcroppings; 4th rate.
	Undergrowth, black, sage, bitter, service-berry, poison oak, and buck brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	S. 89°59' E., on random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 18 lks. N. of the cor. secs. 22, 23, 26, and 27.
	Thence:
	N. 89°52' W., on true line, bet. secs. 22 and 27.
	Ascend steep NE. slope of rough mountainous land, through medium dense timber and scattered undergrowth.
3.60	Spur, 80 ft. above cor., slopes N.; descend steep rocky NW. slope.
6.80	Draw, 80 ft. below spur, drains N. 10° E., and heads S. 30° W., about 8.00 chs. dist.; ascend steep NE. slope.
17.60	The top of N. point of rocky spur from the S., 260 ft. above draw; descend abrupt NW. slope.

Chains

25.70 Draw, 220 ft. below point of spur, drains N. 70° E.; ascend abrupt NE. slope.

28.20 The S. point of spur from the N., 70 ft. above draw; descend gradual SW. slope.

32.40 Draw, 15 ft. below point of spur, drains SE., 2.00 chs. dist., thence E. to junction with last draw; ascend gradual NE. slope.

38.20 Top of ascent on steep N. slope, 150 ft. above draw, bears S., and slopes N. 1.00 chs. to draw; thence ascend gradually along steep NE. slope.

40.00 On NE. slope, 10 ft. above top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ S22 / S27

1936

from which

A juniper, 12 ins. diam., bears S. 1°30' W., 41½ lks. dist., marked ¼ S27 BT.

A pinon, 12 ins. diam., bears N. 50° W., 71 lks. dist., marked ¼ S22 BT.

49.80 High rocky ridge, 370 ft. above the ¼ sec. cor., which forms the main divide ridge of the Beaver Dam Mountains, bears N. and S.; descend steep W. and SW. slopes.

61.40 Head of draw, 330 ft. below ridge, drains SW.; ascend steep SE. slope.

65.00 Low spur, 40 ft. above head of draw, projects S. 10° W., about 8.00 chs. dist.; descend steep SW. slope.

68.20 Head of draw, 80 ft. below spur, drains S. 10° W.; ascend steep SE. slope.

73.40 Spur, 100 ft. above head of draw, projects S.; descend steep SW. slope.

80.00 The cor. secs. 21, 22, 27, and 28, 180 ft. below spur.

Land, broken SW. and NE. slopes of the Beaver Dam Mountains, sand and limestone, volcanic, and quartzite formations.

Soil, shallow loose sand, clay, and rock, from 1 to 4 ft. deep, lying on bedrock, with sandstone and quartzite outcroppings; 4th rate.

Undergrowth, sage, poison oak, black, and bitter brush, amole plants, cactuses, yucca, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Chains	
	Ascend steep SW. slope of rough mountainous land, through medium dense timber and undergrowth.
3.20	Spur, 65 ft. above cor., projects S. 80° W., about 14.00 chs. dist., thence S.; low saddle in spur, bears S. 80° W., 6.00 chs. dist.; descend abrupt NW. slope.
7.70	Draw, 70 ft. below spur, drains S. 80° W.; ascend steep SW. slope.
14.40	Spur, 150 ft. above draw, slopes W.; descend steep NW. slope.
21.90	Draw, 120 ft. below spur, drains S. 70° W.; ascend steep SE. slope through scattered undergrowth of manzanita.
33.00	Spur, 150 ft. above draw, projects SW.; descend steep NW. slope.
38.30	Draw, 85 ft. below spur, drains SW.; and heads E., 3.00 chs. dist.; ascend steep SW. slope.
40.00	On steep SW. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S21 | S22 1936 from which
	A pinon, 12 ins. diam., bears N. 66° E., 78 lks. dist., marked ¼ S22 BT.
	A pinon limb, 6 ins. diam., bears S. 48°30' W., 46 lks. dist., marked ¼ S21 BT.
41.20	Draw, 10 ft. deep, drains S. 30° W.; continue ascent over SW. slope.
47.20	Draw, heads NE., 2.00 chs. dist. and drains S. 30° W.; thence ascend steep SE. slope.
55.00	Spur, 220 ft. above the ¼ sec. cor., projects S. 25° W., and bears N. 70° E., 6.00 chs. dist., thence southerly; descend steep NW. slope.
59.80	Draw, 95 ft. below spur, drains W., and heads E., 2.00 chs. dist.; ascend steep SW. slope.
65.90	Top of ascent on W. slope of spur, 30 ft. above draw, bears E. and W.; descend steep NW. slope.
67.90	Draw, 20 ft. below top of ascent, drains SW., from NE., 50 lks. dist., thence N. 20° W.; old drag road in bottom of draw; ascend gradually along general bottom of draw.
68.60	Recross bottom of draw, drains S. 20° E.
76.30	Recross bottom of draw, drains S. 20° W.; ascend gradually over general S. slope.
80.00	On S. slope, 80 ft. above bottom of draw.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 15, 16, 21, and 22, with brass cap marked

T42S | R18W	
S16	S15
S21	S22

1936

from which

A pinon, 8 ins. diam., bears N. 53° E., 58 lks. dist., marked T42S R18W S15 BT.

A juniper, 5 ins. diam., bears S. 54° E., 52 lks. dist., marked T42S R18W S22 BT.

A pinon, 10 ins. diam., bears S. 39° W., 141 lks. dist., marked T42S R18W S21 BT.

A pinon, 8 ins. diam., bears N. 61° W., 86 lks. dist., marked T42S R18W S16 BT.

Land, broken SW. slope of the Beaver Dam Mountains, with a general southwesterly exposure and drainage. Sand and limestone, volcanic, and quartzite formations.

Soil, shallow sand and clay, mixed with rock and gravel, from 1 to 4 ft. deep, lying on bedrock, with outcroppings of sandstone; 4th rate.

Undergrowth, black, sage, bitter, and poison oak brush, mountain rush, silver leaf, yucca, amole plants, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing.

S. 89°52' E., on random line, bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 14, 15, 22, and 23.

Thence:

N. 89°50' W., on true line, bet. secs. 15 and 22.

Descend abrupt NW. slope of rough mountainous land, through medium dense timber and undergrowth.

3.30 Draw, 115 ft. below cor., drains N. 20° W.; old drag road in bottom of draw, bears N. 20° W. and S. 20° E.; ascend abrupt NE. slope.

10.00 Low ridge, 90 ft. above draw, bears NW., and SE., about 5.00 chs. dist., thence easterly; descend steep SW. slope.

17.70 Junction of draws, 90 ft. below ridge, drains from NW., and N. 80° W. to SE.; ascend abrupt E. slope.

28.70 Head of draw, drains N. 70° E., 5.00 chs. dist., thence E.; continue abrupt ascent over E. slope.

33.70 Spur, 200 ft. above junction of draws, projects SE.; descend gradual SW. slope.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
37.80	Wood road, bears N. and SE.; thence descend abrupt W. slope.
39.98	On abrupt W. slope, 50 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked S15 ¼ S22 1936 from which
	A pinon, 8 ins. diam., bears N. 46° E., 31 lks. dist., marked ¼ S15 BT.
	A pinon, 10 ins. diam., bears S. 6°45' W., 44 lks. dist., marked ¼ S22 BT.
41.10	Draw, 20 ft. below cor., drains S. 30° W. from N. 10° E.; ascend abrupt SE. slope.
45.20	Ascent becomes more gradual, bears NW. and SE.
53.00	Top of ascent, bears N. and S., 110 ft. above draw; descend abrupt SW. slope.
56.30	Draw, 40 ft. below top of ascent, drains S., 1.00 chs. dist. to junction with draw draining SE.; ascend steep SE. slope.
62.00	Top of ascent, 105 ft. above draw, bears N., and slopes S., 1.00 chs. dist. to base; descend steep SW. slope.
64.80	Draw, 40 ft. below top of ascent, drains SE., about 2.00 chs. dist., thence S. 80° E.; ascend gradual NE. slope.
76.00	Head of draw, drains N. 70° E.; continue ascent.
79.20	Top of the main divide ridge of the Beaver Dam Mountains, 100 ft. above draw, bears NW. and SE.; descend gradually along S. slope.
79.98	The cor. secs. 15, 16, 21, and 22, 10 ft. below divide.
	Land, broken E. slopes of the Beaver Dam Mountains with a general southeasterly exposure and drainage. Volcanic and limestone formations.
	Soil, shallow sand and clay, mixed with rock and gravel, from 1 to 4 ft. deep, lying on bedrock, with sand and limestone outcroppings; 4th rate.
	Undergrowth, black, oak, sage, and bitter brush, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair early spring and late fall grazing.
	N. 0°02' W., bet. secs. 15 and 16.
	Ascend gradual S. slope of rough mountainous land, through medium dense timber and undergrowth.
1.90	Top of main divide ridge of the Beaver Dam Mountains,

Chains	
	10 ft. above cor., bears NW. and SE.; descend gradually along rolling E. slope.
8.00	Base of descent, 20 ft. below ridge, bears E. and W.; ascend broken SE. slope.
20.50	Ridge, 50 ft. above base of ascent, bears W., and SE., about 10.00 chs. dist., thence E.; descend gradually over broken NE. slope.
27.60	Base of descent, 20 ft. below ridge, bears E. and W.; ascend gradually over SE. slope.
33.40	Ridge, 20 ft. above base of ascent, bears E. and S. 80° W.; descend abrupt NE. slope.
38.40	Draw, 55 ft. below ridge, drains N. 80° E.; ascend gradually over general E. slope.
40.00	On E. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S16 | S15 1936 from which
	A pinon, 10 ins. diam., bears N. 76° E., 37 lks. dist., marked ¼ S15 BT.
	A pinon, 8 ins. diam., bears S. 60° W., 28 lks. dist., marked ¼ S16 BT.
	Thence descend gradually along E. slope.
45.40	Draw, 65 ft. below the ¼ sec. cor., drains N. 70° E.; ascend steep SE. slope.
48.50	Top of low rolling spur, 20 ft. above draw, projects N. 70° E., and bears S. 86° W., about 30 chs. dist. to high rocky point; descend abrupt NW. slope.
50.60	Draw, 40 ft. below spur, drains N. 70° E.; ascend gradually over broken S. and SE. slopes.
51.00	Small rise, 10 ft. above draw, bears S. 70° W., and slopes N. 70° E.; descend gradually over broken NE. slope.
60.90	Draw, 120 ft. below top of rise, drains N. 70° E. from N. 70° W.; ascend gradual SE. slope.
67.00	Ascent becomes abrupt, bears NW. and SE.
80.00	On broken SE. slope, 270 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, and in a large mound of stone to top, for cor. secs. 9, 10, 15, and 16, with brass cap marked T42S. | R18W. S9 | S10 S16 | S15

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SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	from which
	A pinon, 12 ins. diam., bears N. 61°45' E., 24 lks. dist., marked T42S R18W S10 BT.
	A pinon, 12 ins. diam., bears S. 50° E., 23 lks. dist., marked T42S R18W S15 BT.
	A juniper, 14 ins. diam., bears S. 37°15' W., 43 lks. dist., marked T42S R18W S16 BT.
	A juniper, 18 ins. diam., bears N. 51°30' W., 34 lks. dist., marked T42S R18W S9 BT.
	Land, broken E. slopes of the main divide ridge of the Beaver Dam Mountains, with a general easterly exposure and drainage. Sand and limestone formations.
	Soil, shallow loose sand and clay, mixed with rock and gravel, from 1 to 4 ft. deep, lying on sandstone bedrock; 4th rate.
	Undergrowth, black, service-berry, poison oak, and bitter brush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	S. 89°50' E., on random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 10, 11, 14, and 15.
	Thence:
	N. 89°53' W., on true line, bet. secs. 10 and 15.
	Ascend broken NE. slope of ledges on high rough mountainous land, through medium dense timber and undergrowth.
3.80	Top of ascent at top of vertical limestone ledge, 50 ft. above cor., 150 ft. high, faces NW. and bears NE. and SW.; descend abruptly over nearly inaccessible ledges.
6.00	Base of ledge, bears NE. and SW.; descend gradually along broken ledgy N. slope.
34.80	Draw, 380 ft. below top of ledges, drains NE.; ascend gradually along SE. slope of rolling land.
39.97	On rolling SE. slope, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S10 / S15
	1936
	from which
	A pinon, 8 ins. diam., bears N. 40° E., 52 lks. dist., marked ¼ S10 BT.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	A juniper, 12 ins. diam., bears S. 33° E., 77 lks. dist., marked ¼ S15 BT.
41.40	Recross draw, drains S. 80° E.
45.20	Bend in same draw, drains N. 85° E. from N. 85° W.
49.90	Recross same draw, drains N. 80° E.; ascend abrupt E. slope
56.90	Small draw, drains S. 80° E., about 6.00 chs. dist. to junction with last draw.
60.30	Dim trace of wood road, bears N. and S.
79.94	The cor. of secs. 9, 10, 15, and 16, 590 ft. above the ¼ sec. cor.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general northerly and easterly exposure and drainage.
	Soil, shallow loose sand, clay, and rock, with outcroppings of sandstone, from 1 to 4 ft. deep, lying on sandstone bedrock; 4th rate.
	Undergrowth, poison oak, sage, black, service-berry, and bitter brush, amole plants, yucca, mountain rush, silver leaf, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing.
	N. 0°02" W., bet. secs. 9 and 10.
	Ascend gradually along steep E. slope of rough high mountainous land, through medium dense timber and undergrowth.
3.40	Top of ascent on E. slope, 30 ft. above cor., bears E. and W.; descend gradually along steep E. slope.
10.20	Draw, 150 ft. below top of ascent, drains N. 70° E., 5.00 chs. dist., thence SE.; ascend abrupt SE. slope.
16.30	Spur, 70 ft. above draw, projects S. 70° E.; descend abrupt N. slope.
24.70	Wide draw, 45 ft. below spur, drains E.; ascend gradually along E. slope.
25.00	Slope changes from a gradual E. slope to an abrupt S. slope.
38.00	Enter broken ledges and outcroppings of limestone, bears E. and W.
40.00	On abrupt ledgy S. slope, 430 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S9 | S10

1936

from which

Chains	
	A pinon, 7 ins. diam., bears N. 76° E., 10½ lks. dist., marked ¼ S10 BT.
	A juniper, 16 ins. diam., bears S. 17°30' W., 14 lks. dist., marked ¼ S9 BT.
	Continue abrupt ascent over ledgy S. slope.
45.00	Top of ledgy spur, 330 ft. above the ¼ sec. cor., projects SE., about 10.00 chs. dist. to end; descend abrupt NE. slope over series of limestone outcroppings.
52.70	Bottom of large main draw, 280 ft. below spur, heads N. 70° W., about 18.00 chs. dist., and drains S. 60° E.; ascend abrupt rocky S. slope.
63.40	Ridge, 530 ft. above draw, bears N. 70° W., and slopes S. 70° E., about 20.00 chs. dist. to low saddle; ascend gradually along steep rocky E. slope.
67.60	Top of ascent on E. slope, 30 ft. above ridge, bears E. and W.; descend gradually along steep ledgy E. slope.
80.00	On steep ledgy E. slope, 210 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 3, 4, 9, and 10, with brass cap marked

T42S | R18W	
S4	S3
S9	S10

1936

from which

A pinon, 12 ins. diam., bearsN. 32°45' E., 52 lks. dist., marked T42S R18W S3 BT.

A pinon, 6 ins. diam., bears S. 5°30' E., 190 lks. dist., marked T42S R18W S10 BT.

A pinon limb, 10 ins. diam., bears S. 32°30' W., 41 lks. dist., marked T42S R18W S9 BT.

A pinon, 3 ins. diam., bears N. 17° W., 66 lks. dist., marked BT.

Land, broken and mountainous, with a general easterly exposure and drainage. Sand and limestone, and volcanic formations.

Soil, shallow loose sand, clay, rock, and gravel, from 1 to 4 ft. deep, lying on bedrock, with outcroppings of sand and limestone; 4th rate.

Undergrowth, poison oak, sage; black, service-berry, and bitter brush, cactuses, yucca, mountain rush, silver leaf, mountain ash, manzanita, weeds, and grass.

Timber, scrub juniper and pinon.

Fair early spring and late fall grazing.

S. 89°53' E., on random line, bet. secs. 3 and 10.

40.00	Set temp. ¼ sec. cor.

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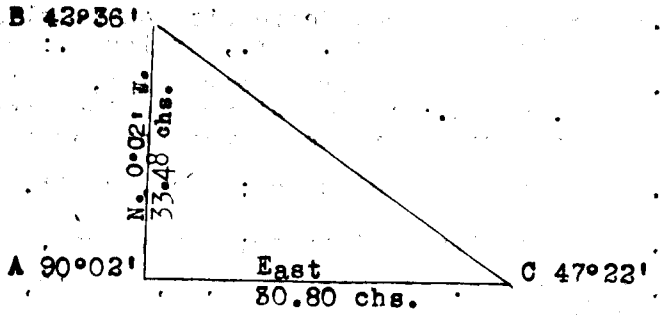
Chains	
79.86	Intersect the N. and S. line, 3 lks. W. of the cor. secs. 2, 3, 10, and 11.
	Thence:
	N. 89°52' W., on true line, bet. secs. 3 and 10.
	Ascend abrupt SE. slope of rough mountainous land, through dense timber and medium dense undergrowth.
25.30	Spur, projects N. 80° E.; thence ascend along abrupt N. slope.
32.20	Spur, 570 ft. above cor., slopes N. 5° W., about 6.00 chs. dist. to end; descend abrupt NW. slope.
36.40	Bottom of depression, 110 ft. below spur, drains N., 5.00 chs. dist. to main draw draining easterly; ascend abrupt NE. slopes
39.93	On abrupt NE. slope, 40 ft. above depression.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S3 / S10
	1936
	from which
	A pinon, 6 ins. diam., bears N. 41° E., 24 lks. dist., marked ¼ S3 BT.
	A pinon, 6 ins. diam., bears S. 2°30' E., 8 lks. dist., marked ¼ S10 BT.
	Continue abrupt ascent over N. and NE. slopes.
48.00	Spur, 240 ft. above the ¼ sec. cor., projects S. 75° E.; descend gradual SW. slope.
58.00	Draw, 40 ft. below spur, drains S. 70° E. from the NW.; ascend abrupt E. slope.
63.50	Broken limestone ledge, facing E. and bearing S. 70° E., and N. 70° W., about 75 ft. high; continue abrupt ascent over E. slope.
69.30	Spur, 440 ft. above draw, projects SE.; descend abrupt SW. slope.
78.00	Draw, 40 ft. below spur, drains SE., and heads about 12.00 chs. to the NW.; ascend abrupt E. slope.
79.86	The cor. of secs. 3, 4, 9, and 10, 95 ft. above draw.
	Land, broken E. slopes of the Beaver Dam Mountains, with a general easterly exposure and drainage. Sand and limestone formations.
	Soil, shallow clay and sand, mixed with rock and gravel, with outcroppings of limestone, from 1 to 4 ft. deep; 4th rate.
	Undergrowth, poison oak, bitter, sage, and black brush, amole plants, yucca, mountain rush, manzanita, weeds, and grass.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Timber, scrub juniper and pinon. Fair late fall and early spring grazing land.
	N. 0°02' W., on random line, bet. secs. 3 and 4.
	The line to the N. of the cor. secs. 3, 4, 9, and 10, ascends the abrupt E. face of limestone ledges, over which it is impossible to chain, I therefore determine the distance by triangulation as follows. Erect flag A at the sec. cor.; and flag B on line to the N. From A, survey a base line AC, East, 30.80 chs. dist. From C, AB subtends an angle of 47°22'. From B, AC subtends an angle of 42°36'. Angle at A is 90°02'. Vertical angle from A to B is plus 22°41'. All angles checked by repetition.
	
	Distance by triangulation, 33.48 chs.
33.48	To point B of triangulation.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. bdy. of the township, 2 lks. E. of the cor. secs. 3, 4, 33, and 34, an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 41 N., R. 18 W.
	Thence:
	S. 0°03' E., on true line, bet. secs. 3 and 4.
	Ascend abrupt NW. slope of high rough mountainous land, through medium dense timber and undergrowth.
6.50	Spur, 190 ft. above cor., projects N. 60° W., about 20.00 chs. dist. to end; descend abrupt SW. slope.
14.70	Draw, 70 ft. below spur, drains N. 70° W.; ascend abrupt N. slope.
22.70	Spur, 140 ft. above draw, projects W., about 15.00 chs. dist. to end; descend abrupt SW. slope.
30.40	Draw, 190 ft. below spur, heads S. 70° E., about 5.00 chs. dist., and drains W., about 15.00 chs. dist., thence N.; ascend abrupt NW. slope.
37.90	Top of ascent on W. slope of ridge, 230 ft. above draw, slopes W.; and bears E. about 5.00 chs. to ridge; descend abruptly along steep SW. slope.
40.02	On top of main ridge of the Beaver Dam Mountains, 30 ft. below top of ascent, bears N. 5° E. and S. 10° W.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked,
	¼ S4 | S3 1938
	from which
	A pinon, 10 ins. diam., bears S. 9° E., 29 lks. dist., marked ¼ S3 BT.
	A pinon, 12 ins. diam., bears S. 83°45' W., 118 lks. dist., marked ¼ S4 BT.
43.80	Bottom of deep depression on E. slope of ridge, 80 ft. below the ¼ sec. cor., drains E.; ascend abrupt NE. slope.
46.54	Top of ascent from depression, 60 ft. above bottom, bears E. and W.; thence along the inaccessible E. face of the main ridge of the Beaver Dam Mountains.
72.00	Approximate distance; spur, 80 ft. high, slopes E.
78.00	Approximate distance; rocky draw, 60 ft. deep, drains SE.
80.02	The cor. of secs. 3, 4, 9, and 10, 870 ft. below the ¼ sec. cor.
	Land, very rough and broken, with high vertical limestone ledges; general easterly and northwesterly exposure and drainage.
	Soil, shallow sand and clay, with outcroppings of limestone; 4th rate.
	Undergrowth, poison oak, sage, service-berry, bitter, and black brush, amole plants, cactuses, yucca, mountains rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township, heretofore described,
	N. 0°03' W., bet. secs. 32 and 33.
	Ascend gradually along E. slope of rolling mountainous land, through medium dense short undergrowth,
12.80	Head of draw, 70 ft. above sec. cor., drains S. 10° E.; thence ascend steep S. slope,
25.00	Enter scattereing timber, bears E. and W.
32.20	Spur, 350 ft. above head of draw, projects S. 40° W., and bears N. 30° E., about 7.00 chs. dist. to a high rocky point; thence ascend steep SW. slope.
39.70	Ridge, 120 ft. above spur, bears SE., and slopes NW. 3.00 chs. dist. to a low saddle; descend abrupt N. slope.
40.00	On abrupt N. slope, 20 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked

Chains	
	¼ S32 | S33 1936
	from which
	A pinon, 12 ins. diam., bears N. 14° E., 100 lks. dist., marked ¼ S33 BT.
	A pinon, 6 ins. diam., bears N. 48°30' W., 59 lks. dist., marked ¼ S32 BT.
46.80	Large draw, 280 ft. below the ¼ sec. cor., drains E., from the NW.; ascend steep SW. slope.
80.00	On steep SW. slope, 510 ft. above draw.
	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 T42S | R18W S29 | S28 S32 | S33 1936
	from which
	A pinon, 18 ins. diam., bears N. 60° E., 50 lks. dist., marked T42S R18W S28 BT.
	A pinon, 12 ins. diam., bears S. 31°45' E., 42 lks. dist., marked T42S R18W S33 BT.
	A juniper, 12 ins. diam., bears S. 8°30' W., 27 lks. dist., marked T42S R18W S32 BT.
	A pinon, 14 ins. diam., bears N. 42°45' W., 83 lks. dist., marked T42S R18W S29 BT.
	Land, broken and mountainous, with a general southerly and southwesterly exposure and drainage. Volcanic, quartzite, and limestone formations.
	Soil, shallow clay and sand, mixed with rock and gravel, from 1 to 3 ft. deep, with a rocky surface and outcroppings of limestone and quartzite; 4th rate.
	Timber, scattered scrub juniper and pinon on N. portion of mile.
	Undergrowth, black, sage, and bitter brush, yucca, mountain rush, cactuses, weeds, and grass.
	Fair late fall and early spring grazing land.
	S. 89°56' E., on random line, bet. secs. 28 and 33.
40.00	Set temp ¼ sec. cor.
80.00	Intersect the N. and S. line, 2 lks. S. of the cor. secs. 27, 28, 33, and 34.
	Thence:

Chains	
	N. 89°57' W., on true line, bet. secs. 28 and 33.
	Descend abrupt W. slope of rough mountainous land, through medium dense undergrowth.
8.40	Road, bears N. and S.
8.70	Bottom of main draw, 170 ft. below cor., drains S.; ascend gradual E. slope.
14.50	Spur, 90 ft. above draw, projects S., 2.00 chs. dist. to end; descend gradual SW. slope.
18.10	Draw, 50 ft. below spur, drains SE., about 15.00 chs. dist., to junction with last draw; ascend abrupt NE. slope.
23.90	Spur, 200 ft. above draw, projects SE.; descend gradual SW. slope.
28.30	Head of draw, 40 ft. below spur, drains S., about 15.00 chs. dist., thence E.; ascend gradual SE. slope.
37.70	Spur, 70 ft. above head of draw, projects S. 20° E., from the N.; enter scattered scrub timber, bears N. and S.; descend steep rocky W. slope.
39.60	Head of draw, 30 ft. below spur, drains S. 10° W.; thence descend gradually along steep S. slope.
40.00	On steep S. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S28 / S33 1936 from which
	A pinon, 18 ins. diam., bears N. 60° E., 147 lks. dist., marked ¼ S28 BT.
	No other bearing tree available.
	Continue descent along steep rocky S. slope.
	From the above ¼ sec. cor., Summit Spring, bears S.45°45' W. 5.30 chs. dist. From the spring, the SE. cor. of a small rock house, bears S. 75°30' W., 1.90 chs. dist., and the mouth of a tunnel, bears S. 29° W., 75 lks. dist.
54.00	Draw, 220 ft. below the ¼ sec. cor., drains S.; ascend gradual SE. slope.
55.00	Spur, 15 ft. above draw, projects S., 1.50 chs. dist. to end; descend gradual W. slope.
57.00	Draw, 15 ft. below spur, drains SE., 1.50 chs. dist., thence S.; ascend steep E. slope.
71.10	Spur, 260 ft. above draw, projects SE., 5.00 chs. dist., thence S.; descend gradual SW. slope.
75.00	Head of draw, 30 ft. below spur, drains S.; ascend steep SE. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1951 C—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
77.20	Spur, 40 ft. above head of draw, projects SE., and bears N., 7.00 chs. dist. to high rocky knoll; descend steep rocky W. slope.
80.00	The cor. of secs. 28, 29, 32, and 33, 70 ft. below spur.
	Land, broken W. slopes of the Beaver Dam Mountains, with a general southerly exposure and drainage. Volcanic, limestone, quartzite, and sandstone formations.
	Soil, shallow sand and clay, from 1 to 3 ft. deep, with rocky outcroppings; 4th rate.
	Undergrowth, black, sage, bitter, and service-berry brush, cactuses, yucca, mountain rush, silver leaf, weeds, and grass.
	Timber, scattered scrub juniper and pinon on W. portion of mile.
	Fair late fall and early spring grazing land.
	N. 0°03' W., bet. secs. 28 and 29.
	Ascend steep SW. slope of rough mountainous land, through scattered scrub timber and dense short undergrowth.
6.60	Spur, 85 ft. above cor., projects W., about 10.00 chs. dist. to end; descend steep NW. slope. From this point, Cottonwood Spring, bears N. 49°30' W., and the N. end of a small watering trough, bears N. 53° W. For intersecting bearings, see those given at the 27.30 chs. point on this mile
11.90	Head of draw, 100 ft. below spur, drains S. 70° W.; ascend steep S. slope.
27.30	Top of ascent, 420 ft. above head of draw, bears E., and slopes W.; descend abrupt NW. slope. From this point, Cottonwood Spring, bears S. 31° W., and the N. end of a small metal watering trough, bears S. 28°15' W.
40.00	On abrupt NW. slope, 150 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked.
	¼ S29 | S28 1936
	from which
	A pinon, 12 ins. diam., bears N. 82°30' E., 15 lks. dist., marked ¼ S28 BT.
	A pinon, 18 ins. diam., bears N. 42° W., 42 lks. dist., marked ¼ S29 BT.
	Continue abrupt descent over NW. slope.
41.70	Draw, 80 ft. below the ¼ sec. cor., drains W., 4.00 chs. dist. to junction with main draw draining southerly; ascend steep SW. slope.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
45.60	Spur, 75 ft. above draw, projects S. 80° W., 5.00 chs. dist. to end; descend gradual NW. slope.
52.00	Bend in main draw, 25 ft. below spur, drains S. 20° W., from N. 60° W.; ascend gradual S. slope.
53.60	Spur, 20 ft. above bend in draw, projects W., 60 lks. dist. to end; leave timber, bears E. and W.; descend gradually along W. slope.
55.80	Bottom of main draw, 20 ft. below spur, drains S. 10° W., from N. 20° E.; ascend abrupt E. slope.
80.00	On steep SE. slope, 470 ft. above draw, near top of ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 20, 21, 28, and 29, with brass cap marked

T42S | R18W	
S20	S21
S29	S28

1936

deposit a volcanic stone, 10 x 10 x 8 ins., at base of post, marked X.

Land, rough and mountainous, with steep slopes which have a southerly exposure and drainage. Volcanic formation.

Soil; shallow sand and clay, mixed with rock and gravel, with volcanic outcroppings; 4th rate.

Undergrowth, dense short sage and black brush, cactuses, yucca, weeds, and grass.

Timber, scrub juniper and pinon on S. portion of mile.

Fair late fall and early spring grazing land.

S. 89°57' E., on random line, bet. secs. 21 and 28.

40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 2 lks. S. of the cor. secs. 21, 22, 27, and 28.
	Thence:
	N. 89°58' W., on true line, bet. secs. 21 and 28.
	Descend steep W. slope of broken mountainous land, through scattered timber, and medium dense short undergrowth.
2.50	Draw near head, drains S. 20° E., 70 ft. below cor.; ascend abrupt E. slope.
3.70	Dim wood road, bears N. 20° W. and S. 20° E.
7.70	Top of red quartzite ridge, 90 ft. above draw, bears N. 20° E. and S. 20° W.; descend abrupt W. slope.
23.60	Junction of draws, 310 ft. below ridge, drains S., from the NE. and N. 10° W.; ascend steep E. slope.

Chains	
30.70	Leave timber, bears N. and S.
40.00	At top of junction of spurs projecting S. 80° E. and NE., from S. 80° W., 280 ft. above junction of draws. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S21 / S28 / 1936 raise a mound of stone, 4 ft. base, 3½ ft. high, N. of cor. Thence ascend gradually along N. slope.
51.00	Draw, 75 ft. above the ¼ sec. cor., drains NE., about 12.00 chs. dist., thence SE.; thence ascend abrupt E. slope.
67.80	Top of divide ridge, 450 ft. above draw, bears N. 20° W. and S. 20° E.; descend abrupt SW. slope.
78.00	Head of draw, 130 ft. below ridge, drains S., and heads N., 3.00 chs. dist.; ascend gradual SE. slope.
80.00	The cor. secs. 20, 21, 28, and 29, 25 ft. above draw. Land, broken steep slopes of the Beaver Dam Mountains, with a general southwesterly and easterly exposure and drainage. Soil, shallow loose sand, clay, rocky and gravel, with volcanic and quartzite outcroppings; 4th rate. Undergrowth, black, sage, service-berry, poison oak, and bitter brush, cactuses, yucca, weeds, and grass. Timber, scrub juniper and pinon on E. portion of mile. Fair late fall and early spring grazing land.
	N. 0°03' W., bet. secs. 20 and 21. Ascend abrupt SE. slope of high rough mountainous land, through dense short undergrowth.
3.30	Ridge, 55 ft. above cor., bears E., about 12.00 chs. dist. to junction with divide ridge bearing N. and S., and W., 2.00 chs. dist. to spur projecting S.; descend abrupt N. and NW. slopes.
9.40	Draw, 165 ft. below ridge, drains N. 80° W., about 17.00 chs. dist. to junction with next draw, and heads E., about 8.00 chs. dist.; ascend abrupt S. slope.
18.70	Spur, 120 ft. above draw, projects W., about 15.00 chs. dist. to end; descend abrupt N. slope.
24.50	Draw, 120 ft. below spur, drains W., and heads E., about 5.00 chs. dist.; ascend steep S. slope.
33.50	Spur, 130 ft. above draw, projects W., 5.00 chs. dist., thence S.; descend abrupt N. slope.
40.00	In low saddle at bend on top of divide ridge, 80 ft.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains

below spur, bears S. 5° E. and N. 5° E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S20 | S21

1936

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

Thence ascend gradually along steep SW. slope of divide ridge.

69.90 Top of red quartzite divide ridge, 590 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually along E. slope, through scattered scrub timber.

80.00 On gradual E. slope, 80 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 16, 17, 20, and 21, with brass cap marked

T42S | R18W	
S17	S16
S20	S21

1936

from which

A juniper, 12 ins. diam., bears N. 72°30' E., 75 lks. dist., marked T42S R18W S16 BT.

A juniper, 3 ins. diam., bears S. 30°15' E., 39 lks. dist., marked BT.

A pinon, 3 ins. diam., bears S. 58°15' W., 27 lks. dist., marked BT.

A juniper, 14 ins. diam., bears N. 65°30' W., 137 lks. dist., marked T42S R18W S17 BT.

Land, steep slopes of the Beaver Dam Mountains, with a general westerly and easterly exposure and drainage. Volcanic and quartzite formations.

Soil, shallow loose sand, rock, clay, and gravel, with volcanic and quartzite outcroppings; 4th rate.

Undergrowth, sage and black brush, cactuses, weeds, and grass.

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

Fair late fall and early spring grazing land.

S. 89°58' E., on random line, bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 15, 16, 21, and 22.

Thence:

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	West, on true line, bet. secs. 16 and 21.
	Ascend gradually along S. and SE. slopes of rough mountainous land, through medium dense timber and undergrowth.
7.40	Spur, 85 ft. above cor., projects SE.; descend gradual SW. slope.
20.30	Draw, 80 ft. below spur, drains SE. from the N.; ascend steep E. slope.
18.60	Spur, 135 ft. above draw, projects SE.; descend gradual SW. slope.
20.50	Head of draw, 30 ft. below spur, drains S. 30° E.; ascend steep E. slope.
29.50	Spur, 310 ft. above head of draw, projects S.; descend abrupt W. slope over limestone ledges.
36.20	Head of draw, 215 ft. below spur, drains S.; ascend abrupt SE. slope.
39.10	Spur, 55 ft. above head of draw, projects S.; descend steep SW. slope.
40.03	On steep SW. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S16 / S21 1936 from which
	A pinon, 6 ins. diam., bears S. 20°30' W., 33 lks. dist., marked ¼ S21 BT.
	A pinon, 8 ins. diam., bears N. 30° W., 66 lks. dist., marked ¼ S16 BT.
	Continue abrupt descent over SW. slope.
44.50	Draw, 100 ft. below the ¼ sec. cor., drains S.; ascend steep E. slope.
47.70	Spur, 100 ft. above draw, projects S. 20° E.; descend abrupt W. slope.
54.10	Draw, 135 ft. below spur, drains S., 5.00 chs. dist., thence SE.; ascend steep E. slope.
56.20	Spur, 60 ft. above draw, projects S. 30° E.; descend steep SW. slope.
61.50	Draw, 60 ft. below spur, drains S. 20° E.; ascend abrupt E. slope.
80.06	The cor. of secs. 16, 17, 20, and 21, 400 ft. above draw.
	Land, broken steep slopes of the Beaver Dam Mountains, with a general southerly exposure and drainage.
	Soil, shallow sand and clay, from 1 to 3 ft. deep, mixed with rock and gravel, with sand and limestone outcroppings; 4th rate.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Undergrowth, black, sage, service berry, and oak brush, cactuses, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 0°03' W.; bet. secs. 16 and 17.
	Along steep E. slope of high rough mountainous land, through medium dense timber and undergrowth.
14.80	Draw, 190 ft. below cor., drains SE., and heads NW., about 20.00 chs. dist.; ascend abrupt SW. slope.
39.40	Top of high ridge, 520 ft. above draw, bears N. 70° E., and S. 70° W., about 10.00 chs. dist. to low saddle; descend abrupt NW. slope.
40.00	On abrupt NW. slope, 10 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S17 | S16 1936 from which
	A pinon, 6 ins. diam., bears N. 14° E., 92 lks. dist., marked ¼ S16 BT.
	A pinon, 7 ins. diam., bears N. 9° W., 89 lks. dist., marked ¼ S17 BT.
	Continue abrupt descent over NW. slope.
43.80	Spur, 70 ft. below the ¼ sec. cor., slopes N. 30° W.; descend abrupt NE. slope.
49.00	Draw, 50 ft. below spur, drains N. 25° W., and heads S. 25° E., about 8.00 chs. dist.; ascend gradual SW. slope.
56.20	Spur, 60 ft. above draw, projects N. 10° W., about 10.00 chs. dist. to end; descend gradual NE. slope.
63.10	Draw, 120 ft. below spur, drains N. 20° W.; ascend steep SW. slope.
67.80	Spur, 110 ft. above draw, projects NW.; descend abrupt NE. slope.
76.30	Old trail, bears E. and W.
77.70	Bottom of Indian Canyon, 250 ft. below spur, drains S. 70° W., 3.00 chs. dist., thence W.; ascend steep S. slope.
80.00	On steep S. slope, 185 ft. above bottom of canyon.
	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

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SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	T42S | R18W S8 | S9 S17 | S16 1936
	from which
	A pinon, 8 ins. diam., bears N. 61°45' E., 121 lks. dist., marked T42S R18W S9 BT.
	A pinon, 18 ins. diam., bears S. 43°45' E., 57 lks. dist., marked T42S R18W S16 BT.
	A juniper, 14 ins. diam., bears S. 5°45' W., 56 lks. dist., marked T42S R18W S17 BT.
	A pinon, 6 ins. diam., bears N. 4°15' W., 172 lks. dist., marked T42S R18W S8 BT.
	Land, rough high SW. slopes of the Beaver Dam Mountains, with a general southwesterly and northwesterly exposure and drainage. Sand and limestone formation.
	Soil, shallow sand and clay, from 1 to 3 ft. deep, lying on bedrock, with outcroppings of sand and limestone; 4th rate.
	Undergrowth, black, sage, oak, and bitter brush, service-berry, mountain mahogany, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	East, on random line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line at the cor. secs. 9, 10, 15, and 16.
	Thence:
	West, on true line, bet. secs. 9 and 16.
	Ascend abrupt SE. slope of high rough mountainous land, through medium dense timber and undergrowth.
12.50	Spur, 180 ft. above cor., slopes S.; descend gradually along steep S. slope.
32.00	Draw, 200 ft. below spur, drains S. 70° E., and heads NW., about 12.00 chs. dist.; ascend abrupt E. slope.
40.01	On abrupt E. slope, 250 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S9 S16 1936
	from which

Chains	
	A pinon, 6 ins. diam., bears N. 6° E., 8 lks. dist., marked ¼ S9 BT.
	A pinon, 10 ins. diam., bears S. 21°45' W., 39 lks. dist., marked ¼ S16 BT.
	Thence ascend abrupt E. slope of broken limestone ledges.
47.00	Top of S. face of limestone ledges on high main divide ridge, 240 ft. above the ¼ sec. cor., bears N., and S., about 10.00 chs. dist. to a low saddle; descend abrupt SW. slope.
57.50	Draw, 380 ft. below ridge, drains S. 20° W.; continue abrupt descent over SW. slope.
80.02	The cor. of secs. 8, 9, 16, and 17, 150 ft. below draw.
	Land, broken E. and W. slopes of the main divide ridge of the Beaver Dam Mountains, with a general easterly and southwesterly exposure and drainage. Sand and limestone formations.
	Soil, shallow loose sand and clay, mixed with rock and gravel, from 1 to 3 ft. deep, with sand and limestone outcroppings; 4th rate.
	Undergrowth, black, sage, oak, mountain mahogany, and service-berry brush, bose, cactuses, yucca, silver leaf, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 0°03' W., bet. secs. 8 and 9.
	Ascend steep ledgy S. slope of high mountainous land, through medium dense timber and undergrowth.
9.90	Spur, 105 ft. above cor., projects S. 20° W., about 10.00 chs. dist. to end; thence ascend gradual SW. slope.
11.90	Draw, 20 ft. above spur, drains S. 20° W.; continue ascent over SW. slope.
23.30	Slope changes from a gradual SW. slope to an abrupt SE. slope.
40.00	On abrupt ledgy SE. slope, 600 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S8 | S9 1936
	from which
	A pinon, 12 ins. diam., bears N. 61°45' E., 35 lks. dist., marked ¼ S9 BT.
	A pinon, 8 ins. diam., bears N. 17°15' W., 24 lks. dist., marked ¼ S8 BT.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Contains abrupt ascent over ledgy SE. slope.
41.50	Top of ascent on steep SE. slope, 40 ft. above the ¼ sec. cor., bears NW., and slopes SE., about 5.00 chs. dist. to head of draw; descend abrupt NE. slope.
48.80	Head of draw, 35 ft. below top of ascent; drains E., about 5100 chs. dist. to junction with draw draining S.; ascend abrupt ledgy S. slope.
51.20	Ledgy spur, 230 ft. above head of draw, project S. 15° W., from N. 50° E.; descend abrupt NW. slope.
59.40	Head of draw, 140 ft. below spur, drains SW.; ascend abrupt ledgy SE. slope.
62.90	Enter scattered yellow pine timber, bears E. and W.
76.30	Top of high ledgy ridge, 460 ft. above head of draw, bears W., and SE. 1.50 chs. dist. to low saddle; descend abrupt N. slope.
80.00	On abrupt rocky N. slope, 150 ft. below top of ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 4, 5, 8, and 9, with brass cap marked

T42S | R18W
85 | 84
88 | 89
1938

from which

A yellow pine, 20 ins. diam., bears N. 25°30' E., 93 lks. dist., marked T42S R18W 84 BT.

A yellow pine, 6 ins. diam., bears S. 9°30' E., 40 lks. dist., marked T42S R18W 89 BT.

A yellow pine, 20 ins. diam., bears S. 66°45' W., 58 lks. dist., marked T42S R18W 88 BT.

A yellow pine, 10 ins. diam., bears N. 60°15' W., 41 lks. dist., marked T42S R18W 85 BT.

Land, broken ledgy S. slope of a high ridge, Sand and limestone formation.

Soil, shallow loose sand, clay, and rock, with sand and limestone ledges; 4th rate.

Undergrowth, sage, black, service-berry, poison oak, curleaf mahogany, cactuses, yucca, weeds, and grass.

Timber, scrub juniper and pinon, and yellow pine.

Fair grazing land during the early spring and late fall.

	East, on random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 3, 4, 9, and 10.
	Thence:

SUBDIVISION OF A PORTION, T. 40 S., R. 19 W.

Chains	
	N. 89°58' W., on true line, bet. secs. 4 and 9.
	Ascend abrupt E. slope of broken limestone ledges and rough mountainous land, through medium dense timber and undergrowth.
13.50	Top of ledges and main divide ridge of the Beaver Dam Mountains, 650 ft. above cor., bears N. 15° E. and S. 15° descend abrupt W. slope.
18.00	Draw, 180 ft. below divide, drains W., and heads S. 8.00 chs. dist.; ascend steep E. slope.
34.20	Ridge, 220 ft. above draw, bears N. and S.; descend steep SW. slope.
40.02	On abrupt SW. slope, 155 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ 84 / 89 1936 from which
	A pinon, 8 ins. diam., bears N. 43° E., 8 lks. dist., marked ¼ 84 BT.
	A pinon, 10 ins. diam., bears S. 60° W., 69 lks. dist., marked ¼ 89 BT.
	Continue abrupt descent over SW. slope.
53.20	Bottom of Horse Canyon, 280 ft. below the ¼ sec. cor., drains N., and heads S. about 45.00 chs. dist.; ascend gradual NE. slope.
57.30	Spur, 75 ft. above canyon, projects N., 1.50 chs. dist. to end; descend gradual NW. slope.
61.30	Draw, 20 ft. below spur, drains NE.; ascend gradual E. slope.
67.50	Spur, 170 ft. above draw, projects NE.; thence ascend gradually along N. slope.
71.50	Draw near head, 190 ft. above spur, drains N. 50° E.; ascend steep E. slope.
77.20	Spur, 190 ft. above draw, projects N. 50° E., and bears SW., about 4.00 chs. dist. to junction with ridge bearing W. and SE.; descend abrupt NW. slope.
80.04	The cor. of secs. 4, 5, 8, and 9, 20 ft. below spur.
	Land, broken E. and W. slopes of the main divide ridge of the Beaver Dam Mountains, with a general easterly and northwesterly exposure and drainage. Sand and limestone formations.
	Soil, shallow loose sand, clay, and rock, with sand and limestone outcroppings; 4th rate.
	Undergrowth, sage, oak, service-berry, and bitter brush, mountain rush, weeds, and grass.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 0°03' W., on random line, bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.32	Intersect the N. bdy. of the township, 43 lks. E. of the corn secs. 4, 5, 32, and 33, which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 41 S., R. 18 W.
	Thence:
	S. 0°21' E., on true line, bet. secs. 4 and 5.
	Ascend abrupt N. slope of rough mountainous land, through dense timber and undergrowth.
2.30	Spur, 100 ft. above cor., projects N. 50° E., about 12.00 chs. dist. to end; descend abrupt SE. slope.
22.70	Draw, 250 ft. below spur, drains E., about 10.00 chs. dist. to Horse Canyon; ascend abrupt N. slope.
29.30	Spur, 180 ft. above draw, projects E.; descend abrupt S. slope.
32.50	Draw, 120 ft. below spur, drains E.; ascend abrupt N. slope.
36.50	Spur, 160 ft. above draw, projects E.; descend gradual SE. slope.
40.32	On gradual SE. slope, 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S5 | S4 1936 from which
	A pinon, 8 ins. diam., bears S. 22° E., 119 lks. dist., marked ¼ S4 BT.
	A pinon, 6 ins. diam., bears N. 72° W., 40 lks. dist., marked ¼ S5 BT.
41.00	Draw, 10 ft. below the ¼ sec. cor., drains NE., 2.00 chs. dist., thence E.; ascend abrupt N. slope.
45.70	Spur, 130 ft. above draw, projects E., about 10.00 chs. dist. to end; descend abrupt SE. slope.
53.70	Draw, 90 ft. below spur, drains E., about 10.00 chs. dist. to Horse Canyon; ascend gradual N. slope.
61.70	Spur, 100 ft. above draw, projects E., about 12.00 chs. dist. to end; descend gradual SE. slope.
65.80	Draw, 95 ft. below spur, drains N. 80° E.; ascend abrupt N. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1937 9—8158

Chains	
72.30	Spur, 150 ft. above draw, projects E.; descend steep SE. slope.
76.30	Draw, 60 ft. below spur, drains E., and heads W., about 8.00 chs. dist.; ascend abrupt N. slope through dense yel pine timber.
80.32	The cor. of secs. 4, 5, 8, and 9, 60 ft. above draw.
	Land, broken and mountainous, with a general northeasterly exposure and drainage. Lime and sandstone formations.
	Soil, shallow loose sand, clay, and rock, with sand and limestone outcroppings; 4th rate.
	Undergrowth, sage, oak, service-berry, mountain mahogany, and bitter brush, mountain rush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon, spruce, and yellow pine.
	Fair late fall and early spring grazing land.
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, heretofore described.
	N. 0°03' W., bet. secs. 31 and 32.
	Ascend gradually along E. slope of rolling mountainous land, through dense short undergrowth and scattered scrub timber.
13.50	Small depression, drains S. 30° E., 2.00 chs. dist., thence S.; ascend abrupt S. slope.
31.70	Top of high sharp ridge, 635 ft. above sec. cor., bears E. and W.; descend gradual NE. slope.
34.70	Descent becomes abrupt, bears NW. and SE.
40.00	On abrupt NE. slope, 160 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S31 | S32 1936
	from which
	A juniper, 14 ins. diam., bears S. 49° W., 15 lks. dist., marked ¼ S31 BT.
	A juniper, 20 ins. diam., bears N. 42°15' E., 63 lks. dist., marked ¼ S32 BT.
	Thence ascend along broken E. slope.
44.20	Top of ascent on E. slope, 20 ft. above the ¼ sec. cor., bears E. and W.; thence descend gradually along E. slope.
54.50	Draw, 100 ft. below top of ascent, drains SE., and heads NW., about 12.00 chs. dist.; ascend steep S. slope.
58.40	Low saddle in ridge, 80 ft. above draw, bears NE. and SW.; descend gradual NW. slope.

Chains	
59.40	Head of draw, 10 ft. below ridge, drains W., about 7.00 chs. dist., thence N. 20° W.; ascend abrupt S. slope.
66.10	Spur, 140 ft. above head of draw, projects W., about 12.00 chs. dist. to end; descend abrupt NW. slope.
70.20	Draw, 105 ft. below spur, drains W.; ascend steep SW. slope.
73.70	Spur, 55 ft. above draw, projects W.; descend steep NW. slope.
76.20	Draw, 50 ft. below spur, drains W. from the SE.; ascend steep SW. slope.
79.00	Spur, 50 ft. above draw, projects W.; descend abrupt N. slope.
80.00	On abrupt N. slope, 25 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for thecor. of secs. 29, 30, 31, and 32, with brass cap marked

T42S S30	R18W S29
S31	S32

1936

from which

A pinon, 9 ins. diam., bears N. 57° E., 51 lks. dist., marked T42S R18W S29 BT.

A juniper, 9 ins. diam., bears S. 2°15' E., 32 lks. dist., marked S32 BT. Tree too scrubby for other marks.

A juniper, 8 ins. diam., bears S. 88°15' W., 122 lks. dist., marked T42S R18W S31 BT.

A pinon, 12 ins. diam., bears N. 65° W., 94 lks. dist., marked T42S R18W S30 BT.

Land, rolling and broken foot hills of the Beaver Dam Mountains, with a general southerly and westerly exposure and drainage. Limestone and quartzite formations.

Soil, shallow sand, gravel, and clay, mixed with rock, from 1 to 3 ft. deep, with limestone and quartzite outcroppings; 4th rate.

Undergrowth, black, sage, and bitter brush, amole plants, cactuses, yucca, mountain rush, yellow top, weeds, and grass.

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

Fair winter grazing land.

S. 89°56' E., on random line, bet. secs. 29 and 32.

40.00	Set temp. ¼ sec. cor.
79.98	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 28, 29, 32, and 33.

Thence:

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	N. 89°58' W., on true line, bet. secs. 29 and 32.
	Descend abrupt SW. slope of mountainous land, through scattered timber and medium dense short undergrowth.
2.20	Cattle trail, bears N. and S.
8.90	Bottom of large main draw, 220 ft. below cor.; drains S. 10° E. from the NW.; ascend abrupt rocky NE. slope.
19.30	Ridge, 285 ft. above draw, bears NW. and SE.; descend abrupt SW. slope.
29.20	Junction of draws, 100 ft. below ridge, drains SE., from the N. and NW.; ascend abrupt NE. slope.
39.99	On an abrupt NE. slope, 370 ft. above junction of draws.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S29 / S32 1936 from which
	A pinon, 12 ins. diam., bears S. 39° E., 28 lks. dist., marked ¼ S32 BT.
	A pinon, 9 ins. diam., bears N. 60°30' W., 15 lks. dist., marked ¼ S29 BT.
	Continue abrupt ascent over NE. slope.
43.00	Ridge, 45 ft. above the ¼ sec. cor., bears N. 10° W., and SE., 3.00 chs. dist., thence S.; descend gradual SW. slope.
50.30	Ridge, 60 ft. below top of last ridge, bears SW., and N. 70° E., about 8.00 chs. dist. to junction with last ridge; descend broken NW. slope.
58.00	Draw, drains S. 80° W. from the NE.; thence descend steep SW. slope along N. side of draw.
69.50	Recross draw, 380 ft. below ridge, drains N. 70° W.; ascend abrupt NE. slope.
71.80	Spur, 55 ft. above draw, slopes N. from S. 70° E.; descend broken NW. slope.
79.98	The cor. secs. 29, 30, 31, and 32, 95 ft. below spur.
	Land, broken W. slope of the Beaver Dam Mountains, with a general southwesterly and and southeasterly exposure and drainage. Limestone and quartzite formations.
	Soil, shallow loose sand, clay, and rock, with limestone and quartzite outcroppings; 4th rate.
	Undergrowth, sage, black, service-berry, and bitter brush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.

U. S. GOVERNMENT PRINTING OFFICE: 1951 C—8155

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	N. 89°56' W., on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
78.42	Intersect the W. bdy. of the township, 5 lks. S. of the cor. secs. 25, 30, 31, and 36, an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 42 S., R. 19 W., Group 92, Utah.
	Thence:
	S. 89°54' E., on true line, bet. secs. 30 and 31.
	Ascend abrupt W. slope of broken mountainous land, through scattered scrub timber and medium dense undergrowth.
4.40	Spur, 90 ft. above cor., projects S.; descend steep E. slope.
10.60	Welcome Wash, in bottom of draw, 85 ft. below spur, drains S. 10° W., from N. 10° E., about 10.00 chs. dist., thence from the E.; dim road in bottom of wash; ascend steep W. slope.
16.50	Spur, projects SW.; thence ascend SW. slope.
23.30	Recross top of spur, projects N. 60° W., about 10.00 chs. dist., thence SW.; thence ascend NW. slope.
26.80	Top of ascent, 310 ft. above Welcome Wash, bears N. and S.; thence along broken N. slope.
26.83	Point from which Welcome Spring, bears N. 2°30' E., 16.60 chs. dist. Spring is at the E. end of a metal and plank watering trough, about 10 ft. long, which is inclosed with a fence constructed of juniper posts set upright.
38.42	On N. slope, 20 ft. above top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S30 / S31
	1936
	from which
	A juniper, 8 ins. diam., bears S. 12°30' E., 83 lks. dist., marked ¼ S31 BT.
	A juniper, 10 ins. diam., bears N. 24° W., 161 lks. dist., marked ¼ S30 BT.
39.29	Point from which Cottonwood Spring, bears N. 3°40' E., 7.50 chs. dist. Spring is a very small seep of good water.
52.50	Junction of three draws, 55 ft. below the ¼ sec. cor., drain N. 70° W., from S. 70° E., S. 80° E., and N. 60° E.; ascend broken SW. slope.
57.20	Ascent becomes more abrupt and timber dense, bears NW. and SE.
73.40	Spur, projects N. 77° W.; from the E.; thence ascend gradually along top of spur.

Chains

76.50 Spur, 240 ft. above junction of draws, projects W. from S. 80° E.; thence ascend gradually along NW. slope.

76.60 From this point, a prospect hole, bears S., 10 lks. dist.

78.42 The cor. of secs. 29, 30, 31, and 32.

Land, broken W. slopes of the foot hills of the Beaver Dam Mountains. Limestone and quartzite formations.

Soil, shallow loose sand and clay, mixed with rock and gravel, with limestone and quartzite outcroppings; 4th rate.

Undergrowth, black, sage, service-berry, and bitter brush, amole plants, cactuses, yucca, mountain rush, yellow top, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and eraly spring grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Descend abrupt N. slope of broken mountainous land, through scattered scrub timber and medium dense short undergrowth.

2.30 Draw, 70 ft. below cor., drains N. 80° W., about 10.00 chs dist., thence W.; ascend steep broken SW. slope.

17.80 Enter broken limestone ledges, bears SE., and NW. about 2.00 chs. dist. to end.

18.90 Top of ascent, 280 ft. above draw, bears NE. and SW.; descend along broken W. slope.

21.50 Draw, 50 ft. below top of ascent, drains S. 30° W.; ascend steep broken ledgy S. slope.

33.20 Top of nearly vertical limestone cliff, 350 ft. above draw, faces N. and bears N. 60° E. and S. 78° W.; descend abruptly over ledge.

40.00 On broken NW. slope, 370 ft. below top of cliff.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S30 | S29

1936

from which

A pinon, 8 ins. diam., bears N. 78° E., 114 lks. dist., marked ¼ S29 BT.

A pinon, 6 ins. diam., bears S. 60° W., 165 lks. dist., marked ¼ S30 BT.

Continue abrupt descent over ledgy NW. slope.

47.70 Draw, 140 ft. below the ¼ sec. cor., drains W., 3.00 chs. dist., thence SW.; ascend abrupt S. slope.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
49.50	Spur, 50 ft. above draw, slopes W., 3.00 chs. dist. to end; descend steep NW. slope.
55.60	Welcome Wash, in bottom of large draw, 60 ft. below spur, drains SW., about 15.00 chs. dist., thence westerly; Cottonwood trees found along bottom of draw, about 5.00 chs. to the SW. of line, and indications of wet weather seeps found in bottom of wash, 3.00 chs. dist. to the NE. of line; ascend steep rocky SE. slope.
77.60	Small draw, drains S. 80° E., 4.00 chs. dist., thence S.; continue ascent over SE. slope.
80.00	On steep SE. slope, 365 ft. above Welcome Wash.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 19, 20, 29, and 30, with brass cap marked

T42S R18W

S19	S20
S30	S29

1936

from which

A juniper, 6 ins. diam., bears N. 51°30' E., 84 lks. dist., marked T42S R18W S20 BT.

A pinon, 10 ins. diam., bears S. 42°30' E., 20 lks. dist., marked T42S R18W S29 BT.

A pinon, 12 ins. diam., bears S. 32° W., 28 lks. dist., marked T42S R18W S30 BT.

A pinon, 10 ins. diam., bears N. 10°30' W., 76 lks. dist., marked T42S R18W S19 BT.

Land, rough and mountainous, with limestone ledges and outcroppings; general southwesterly exposure and drainage.

Soil, shallow loose sand and clay, mixed with rock and gravel; 4th rate.

Undergrowth, black, sage, service-berry, and bitter brush, amole plants, cactuses, yucca, mountain ash, mountain rush, yellow top, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°58' E., on random line, bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 20, 21, 28, and 29.

Thence:

N. 89°56' W., on true line, bet. secs. 20 and 29.

Ascend steep SE. slope of high mountainous land, through medium dense short undergrowth.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
2.30	Spur, 20 ft. above cor., projects S. 10° W., and bears N. 10° E., about 5.00 chs. dist. to junction with ridge bearing E. and W.; descend abrupt SW. slope.
11.30	Draw, 150 ft. below spur, drains S., and heads N. 1.00 chs. dist.; ascend gradual SE. slope.
16.00	Low spur, 15 ft. above draw, projects S., about 6.00 chs. dist. to end; descend abrupt SW. slope.
20.90	Draw, 70 ft. below spur, drains SE., about 10.00 chs. dist., thence S., and heads N. 3.00 chs. dist.; ascend steep E. slope.
26.80	Ridge, 80 ft. above draw, bears N., and S., about 15.00 chs. dist., thence SW.; descend abrupt W. slope.
40.00	On abrupt W. slope, 295 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\frac{S20}{S29}$
	1936
	deposit a limestone, 10 x 8 x 8 ins., at base of post, marked X.
40.60	Small draw, 5 ft. below the ¼ sec. cor., drains SW., about 9.00 chs. dist., thence W., and heads NE., about 5.00 chs. dist.; ascend gradual E. slope.
43.00	Low spur, 20 ft. above draw, projects SW., about 8.00 chs. dist. to end; descend gradual NW. slope.
51.90	Enter medium dense scrub juniper and pinon timber, bears N. and S.
57.40	Enter scattered undergrowth of manzanita, bears N. and S.
65.90	Welcome Wash, in bottom of deep draw, 325 ft. below spur, drains SW.; ascend steep rocky SE. slope.
80.00	The cor. of secs. 19, 20, 29, and 30, 240 ft. above Welcome Wash.
	Land, broken and mountainous with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow clay and sand, with a rocky surface and limestone outcroppings; 4th rate.
	Undergrowth, sage, black, oak, service-berry, and bitter brush, cactuses, amole plants, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon on W. portion of mile.
	Fair late fall and early spring grazing land.
	N. 89°54' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
78.30	Intersect the N. bdy. of the township, 2 lks. S. of the cor. secs. 19, 20, 25, and 30, an iron post, 2 ins. diam., set, marked and witnessed as described in the official report of the survey of T. 42 S., R. 19 W., Group 92, Utah.
	Thence:
	S. 89°53' E., on true line, bet. secs. 19 and 30.
	Ascend gradually along broken SW. slope of rough mountainous land, through medium dense scrub timber and short undergrowth.
6.70	Deep draw, drains SW.; thence ascend abrupt W. slope.
15.40	Spur, 320 ft. above cor., projects SW.; thence ascend SW. and S. slopes.
32.80	Small draw, drains S., 3.00 chs. dist., thence SW.; ascendgradual SW. slope.
37.40	Low spur, 140 ft. above last spur, projects S., 2.00 chs. dist. to low saddle; descend steep SE. slope.
38.40	On steep SE. slope, 5 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S19 / S30
	1936
	from which
	A pinon, 6 ins. diam., bears S. 41° W., 28 lks. dist., marked ¢ S30 BT.
	A pinon, 8 ins. diam., bears N. 13° W., 40 lks. dist., marked ¢ S19 BT.
	Thence along steep S. slope.
39.40	Head of small ravine, drains SE.; ascend SW. slope.
44.40	Top of ascent, 80 ft. above the ¢ sec. cor., bears N. and S.; descend SE. slope.
50.10	Small draw near head, drains S. 20° W.; ascend abrupt SW. slope.
54.40	Top of high spur, 250 ft. above the ¢ sec. cor., projects S. 5° W., about 20.00 chs. dist., thence SW.; descend abrupt SE. and E. slopes.
68.40	Draw, 300 ft. below spur, drains S. 10° E.; ascend abrupt SW. and W. slopes.
73.90	Spur, 105 ft. above draw, projects S. 5° W., about 20.00 chs. dist. to end; descend abrupt SE. slope.
78.40	The cor. of secs. 19, 20, 29, and 30, 85 ft. below spur.
	Land, rough and mountainous, with a general southwesterly exposure and drainage.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	Soil, shallow sand and clay, mixed with rock and gravel, with limestone and quartzite outcroppings; 4th rate.
	Undergrowth, sage, blackberry, service-berry, oak, and bitter brush, amole plants, cactuses, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 0°03' W., bet. secs. 19 and 20.
	Ascend abrupt S. and SE. slopes of high rough mountainous land, through dense scrub timber and short undergrowth.
7.10	Ascent becomes more gradual, bears NE. and SW.
15.00	Ascent becomes abrupt, bears E. and W.
27.00	Slope changes from abrupt SE. slope to a gradual E. slope.
39.20	Slope changes from a gradual E. slope to an abrupt SE. slope.
40.00	On an abrupt SE. slope, 800 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S19 | S20 1936 from which
	A pinon, 12 ins. diam., bears S. 67° E., 22 lks. dist., marked ¼ S20 BT.
	A pinon, 10 ins. diam., bears S. 19° W., 32 lks. dist., marked ¼ S19 BT.
	Continue abrupt ascent over SE. slope.
46.00	Slope changes from an abrupt SE. slope to a gradual S. and SE. slope.
60.50	Undergrowth becomes more dense, bears E. and W.
80.00	On E. slope, 560 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 17, 18, 19, and 20, with brass cap marked T42S R18W. S18 | S17 S19 | S20 1936 from which
	A pinon, 8 ins. diam., bears N. 27°15' E., 42 lks. dist., marked T42S R18W. S17 BT.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	A juniper, 8 ins. diam., bears S. 21° E., 73 lks. dist., marked T42S R18W S20 BT.
	A juniper, 10 ins. diam., bears S. 66°45' W., 90 lks. dist., marked T42S R18W S19 BT.
	A pinon, 14 ins. diam., bears N. 11°45' W., 78 lks. dist., marked T42S R18W S18 BT.
	Land, high steep slopes of the Beaver Dam Mountains, with a general southeasterly exposure and drainage.
	Soil, shallow sand and clay, with the surface covered with rock; 4th rate.
	Undergrowth, sage, black, oak, service-berry, poison oak, and bitter brush; amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	S. 89°56' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 16, 17, 20, and 21.
	Thence:
	N. 89°58' W., on true line, bet. secs. 17 and 20.
	Ascend steep E. slope of high mountainous land, through medium dense timber and undergrowth.
10.20	Top of high red quartzite ridge, 175 ft. above cor., bears NW. and SE.; descend abrupt SW. slope over limestone and quartzite outcroppings.
25.60	Large draw, 390 ft. below ridge, drains S., about 15.00 chs. dist., thence SW., and heads NW., about 15.00 chs. dist.; timber becomes very scattered, bears N. and S.; ascend steep E. slope.
36.50	Spur, 350 ft. above draw, projects SE.; descend steep SW. slope.
39.98	On steep SW. slope, 55 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S17 / S20 1936 deposit a limestone, 10 x 8 x 8 ins., at base of post, marked X.
	No bearing trees available.
61.50	Draw, 190 ft. below the ¼ sec. cor., drains S. 60° E., about 15.00 chs. dist., thence SW.; ascend steep NE. slope.

Chains	
65.10	Spur, 330 ft. above draw, projects S. 50° E.; descend steep SW. slope through dense timber.
70.20	Small draw, 100 ft. below spur, drains SW., about 4.00 chs. dist. to junction with next draw, and heads N. 3.00 chs. dist.; ascend steep SE. slope.
74.40	Low spur, 40 ft. above draw, projects S. 40° E., 4.00 chs. dist. to end; descend steep SW. slope.
78.30	Bottom of large wash, 25 ft. below spur, drains SE.; ascend abrupt NE. slope.
79.96	The cor. of secs. 17, 18, 19, and 20, 100 ft. above wash.
	Land, steep S. slopes of the Beaver Dam Mountains. Limestone and quartzite formation.
	Soil, shallow loose sand, clay, and rock, with limestone and quartzite outcroppings; 4th rate.
	Undergrowth, sage, black, poison oak, and bitter brush, mountain rush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 89°53' W., on random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
78.60	Intersect the W. bdy. of the township, 2 lks. S. of the cor. secs. 13,18, 19, and 24, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 42 S., R. 19 W., Group 92, Utah.
	Thence:
	S. 89°52' E., on true line, bet. secs. 18 and 19.
	Ascend gradually along broken S. and SW. slope of rough mountainous land, through very scattered scrub timber and dense short undergrowth.
8.60	Draw, 150 ft. above cor., drains SW.; ascend steep NW. slope.
38.60	On steep NW. slope, 630 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S18 / S19 1936 limestone, 10 x 9 x 8 ins., at base of post, marked X. deposit a
	No suitable bearing trees available.
46.60	Slope changes from an abrupt NW. slope to an abrupt S. slope, bears NE. and SW.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
54.50	Top of ascent on SW. slope of peak or high rocky point, 800 ft. above the ¼ sec. cor., slopes S. 30° W., and bears N. 30° E. 1.50 chs. dist. to top of peak; descend an abrupt SE. slope.
75.90	Top of high rocky spur, projects S.; thence descend abrupt E. slope.
78.80	The cor. of secs. 17, 18, 19, and 20, 520 ft. below top of ascent on SW. slope of peak.
	Land, rough and mountainous, with a general southerly exposure and drainage. Limestone and quartzite formation.
	Soil, shallow sand and clay, with a rocky surface, broken with outcroppings of limestone and quartzite; 4th rate.
	Undergrowth, sage, black, service-berry, poison oak, and bitter brush, mountain rush, amole plants, cactuses, yucca, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.

	N. 0°03' W., bet. secs. 17 and 18.
	Descend gradually along broken E. slope of high mountainous land, through scattered scrub timber and dense short undergrowth.
2.40	Draw, 30 ft. below cor., drains S. 30° E.; ascend abrupt SW. slope.
6.60	Spur, 150 ft. above draw, projects SW., 3.00 chs. dist. to end; descend gradual NW. slope.
8.10	Recross same draw, 10 ft. below spur, drains SW.; ascend steep S. slope.
17.80	Top of high divide ridge bet. Injun Canyon to the N. and Welcome Wash to the S., 250 ft. above draw, bears N. 80° W., about 5.00 chs. dist. to junction with ridge bearing N. and S., and S. 80° E., 3.00 chs. dist. to low saddle; descend steep NE. slope.
18.90	Point on E. face of a lone sandstone outcropping, about 40 ft. high.
31.60	Spur, 360 ft. below ridge, projects NE., and bears SW., about 8.00 chs. dist. to junction with ridge bearing northerly and southerly; descend abrupt N. slope.
40.00	On steep N. slope, 250 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S18 | S17 1936
	from which
	A pinon, 3 ins. diam., bears N. 30° E., 16 lks. dist., marked BT.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
	A pinon, 7 ins. diam., bears S. 37°30' W., 12 lks. dist., marked ¼ S18 BT.
	Continue abrupt descent over N. slope.
48.40	Draw, 255 ft. below the ¼ sec. cor., drains E., 2.00 chs. dist., thence N. 50° E.; ascend steep S. slope.
59.00	Point from which Grape Vine Spring, bears N. 79°15' E., 15.00 chs. dist. Spring is a small seep ofgood water at the junction of last draw with large main draw draining N.
59.30	Spur, 155 ft. above draw, projects NE.; descend abrupt N. slope.
69.20	Draw, 330 ft. below spur, drains N. 75° E., about 10.00 chs. dist. to junction with main draw draining northerly; ascend steep SE. slope.
77.60	Spur, 120 ft. above draw, projects E.; descend abrupt NE. slope.
80.00	On broken NE. slope, 45 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 7, 8, 17, and 18, with brass cap marked

T42S | R18W	
S7	S8
S18	S17

1936

granite stone, 12 x 12 x 10 ins., at base of post, marked deposit a X.

No suitable bearing trees available.

Land, rough and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow, loose sand and clay with a rocky surface, and outcroppings of sandstone and granite; 4th rate.

Undergrowth, sage, black, poison oak, service-berry, and bitter brush, amole plants, yucca, cactuses, mountain rush, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°58' E., on random line, bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 8, 9, 16, and 17.

Thence:

West, on true line, bet. secs. 8 and 17.

Descend gradually along broken S. slope of mountainous land, along N. side of Injun Canyon, through dense timber and short undergrowth.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
8.50	Spur, 15 ft. below cor., projects S. 20° W.; continue descent along S. slope.
9.00	Draw, 60 ft. below sec. cor., drains S., 2.00 chs. dist. to junction with Injun Canyon draining westerly; ascend gradual E. slope.
12.30	Spur, 30 ft. above draw, projects S., 2.00 chs. dist. to end; descend gradual SW. slope.
18.80	Bottom of Injun Canyon, 120 ft. below spur, drains NW.; thence descend gradual N. slope, along S. side of canyon.
27.60	The NW. point of spur, 50 ft. below bottom of canyon; descend gradual W. slope.
29.10	Draw, 50 ft. below point of spur, drains N. 30° W., 5.00 chs. dist. to Injun Canyon; ascend steep E. slope.
40.03	On steep E. slope, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S8 / S17 / 1936
	from which
	A pinon, 7 ins. diam., bears N. 27° E., 33 lks. dist., marked ¼ S8 BT.
	A juniper, 12 ins. diam., bears S. 78°30' E., 12 lks. dist., marked ¼ S17 BT.
42.50	Spur, 30 ft. above the ¼ sec. cor., projects N.; descend steep NW. slope through scattered timber.
68.10	Draw, 360 ft. below spur, drains N., about 8.00 chs. dist. to junction with Injun Canyon draining NW.; ascend steep E. slope.
73.40	Spur, 180 ft. above draw, projects NE., from S. 70° W.; thence ascend abrupt NE. slope.
80.06	The cor. secs. 7, 8, 17, and 18, 120 ft. above spur.
	Land, rough and mountainous with a general northerly and southerly exposure and drainage into Injun Canyon which drains northwesterly. Sandstone and quartzite formations.
	Soil, shallow sand and clay, with a rocky surface and outcroppings of sandstone and quartzite; 4th rate.
	Undergrowth, sage, black, service-berry, mountain mahogany, oak, and bitter brush, whole plants, yucca, cactuses, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	N. 89°52' W., on random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
78.60	Intersect the W. bdy. of the township, 7 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., firmly set, and marked as described in the official record of the survey of T. 42 S., R. 19 W., Group 92, Utah. Cor. has no accessories, I therefore mark bearing trees for cor. as follows.
	A pinon, 5 ins. diam., bears N. 53° E., 16 lks. dist., marked BT.
	A juniper, 18 ins. diam., bears S. 62° E., 3 lks. dist., marked T42S R18W S18 BT.
	A pinon, 6 ins. diam., bears N. 54° W., 18 lks. dist., marked BT.
	No bearing tree available in sec. 13, and trees in secs. 7 and 12 are too scrubby for other markings.
	Thence:
	S. 89°49' E., on true line, bet. secs. 7 and 18.
	Descend abrupt NE. slope of steep rough mountainous land, through very scattered timber and dense short undergrowth.
28.60	Head of draw, 410 ft. below cor., drains N.; ascend steep W. slope.
30.30	Spur, 50 ft. above head of draw, projects N. 10° E.; descend steep NE. slope.
38.60	On steep NE. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S7 / S18 1936 deposit a granite stone, 10 x 10 x 8 ins., at base of post, marked ¼.
	No suitable bearing trees available.
	Continue abrupt descent over steep NE. slope.
44.10	Draw, 75 ft. below the ¼ sec. cor., drains N.; ascend steep W. slope.
52.60	Spur, 180 ft. above draw, projects NW.; descend gradually along N. slope.
58.20	Draw, 20 ft. below spur, drains NW.; ascend steep W. slope.
68.40	Spur, 340 ft. above draw, projects NW., 2.00 chs. dist., thence N.; descend abrupt NE. slope. From this point, Injun Spring, (dry), bears N. 52°50' W., about 57.00 chs. dist. A small seep of good water in bottom of Injun Canyon, bears N. 51°45' W., about 78.00 chs. dist. Both springs are located in the bottom of Injun Canyon.
78.60	The cor. of secs. 7, 8, 17, and 18, 180 ft. below spur.
	Land, high and mountainous, with steep slopes which have a general northwesterly exposure and drainage. Limestone, granite, and quartzite formations.

U. S. GOVERNMENT PRINTING OFFICE: 1937 C—8155

Chains

Soil, shallow clay, with a rocky surface and outcroppings of limestone, granite, and quartzite; 4th rate.

Undergrowth, sage, oak, service-berry, black, bitter, and wild currant brush, cactuses, yucca, amole plants, mountain rush, weeds, and grass.

Timber, very scattered scrub juniper and pinon.

Fair late fall and early spring grazing land.

N. 0°03' W., bet. secs. 7 and 8.

Descend gradual NE. slope of rough mountainous land, through scattered scrub timber and dense short undergrowth.

17.50 Bottom of Injun Canyon, 450 ft. below cor., drains N. 5° W., 5.00 chs. dist., thence W.; ascend gradual SW. slope.

32.50 Spur, 60 ft. above canyon, projects SW.; descend gradual N. slope.

34.50 Gulch, 30 ft. below spur, drains SW.; ascend gradual S. slope.

40.00 On gradual S. slope, 80 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼
S7 | S8
1936

from which

A juniper, 12 ins. diam., bears S. 74° E., 93 lks. dist., marked ¼ S8 BT.

A juniper, 12 ins. diam., bears S. 72°45' W., 26 lks. dist., marked ¼ S7 BT.

53.40 Spur, 210 ft. above the ¼ sec. cor., projects SW., from N. 30° E.; thence ascend steep SW. slope.

63.60 Head of draw, 120 ft. above spur, drains SW.; continue abrupt ascent over ledgy SW. slope.

72.80 Spur, 300 ft. above head of draw, projects S. 60° W., about 20.00 chs. dist. to low saddle; descend steep N. slope.

80.00 On steep N. slope, 310 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 5, 6, 7, and 8, with brass cap marked

T42S | R18W
S6 | S5
S7 | S8
1936

from which

Chains

A pinon, 12 ins. diam., bears N. 51°30' E., 37 lks. dist., marked T42S R18W S5 BT,

A pinon, 8 ins. diam., bears S. 14°45' E., 46 lks. dist., marked T42S R18W S8 BT.

A pinon, 14 ins. diam., bears S. 65°30' W., 22 lks. dist., marked T42S R18W S7 BT.

A pinon, 10 ins. diam., bears N. 87°45' W., 32 lks. dist., marked T42S R18W S6 BT.

Land, rough and mountainous, with a general southwesterly exposure and drainage.

Sandstone, granite, and quartzite formations.

Soil, shallow loose sand and clay, with a rocky surface and outcroppings of sandstone; 4th rate.

Undergrowth, sage, oak, service-berry, black, and bitter brush, amole plants, cactuses, yucca, weeds, and grass.

Timber, scrub juniper and pinon.

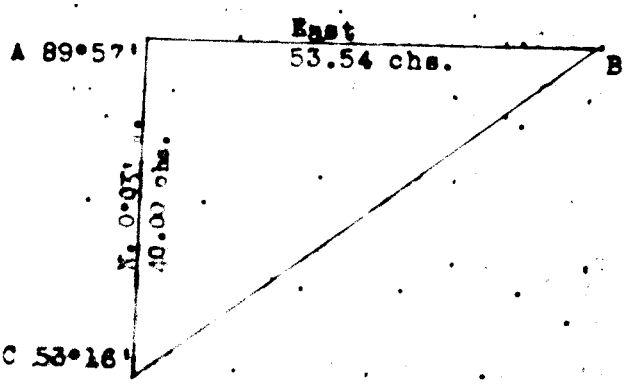
Fair late fall and early spring grazing land.

East, on random line, bet. secs. 5 and 8.

33.32 Set temp. witness cor. to the ¼ sec. cor. secs. 5 and 8.

The line to the E. of this point, passes over the inaccessible SW. face of ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows.

Erect flag which I designate as B on line to the E., and the cor. of secs. 5, 6, 7, and 8, as A, and the ¼ sec. cor. secs. 7 and 8, as C. From B, AC, subtends an angle of 36°47', and from C, AB subtends an angle of 53°16'. Angle at A is 89°57'. All angles checked by repetition.



Distance by triangulation 53.54 chs.

53.54 To point B of triangulation.

80.22 Intersect the E. and S. line, 5 lks. N. of the cor. secs. 4, 5, 8, and 9.

Thence:

N. 89°58' W., on true line, bet. secs. 5 and 8.

Ascend abrupt NE. slope of high steep ledgy mountainous

Chains	
	land, through scattered scrub timber and undergrowth.
12.80	Top of high ridge which forms the divide bet. Horse Canyon to the E. and Injun Canyon to the SW.; 250 ft. above cor., bears N. 38° W., about 10.00 chs. dist. to the highest peak on the Beaver Dam Mountains, and S. 36° E., about 5.00 chs. dist., thence E.; descend abrupt SW. slope over nearly inaccessible sandstone and limestone ledges.
17.50	Head of draw, 100 ft. below ridge, drains S.; ascend steep ledgy SE. slope.
21.50	Spur, 30 ft. above head of draw, projects S. 10° W., about 20.00 chs. dist. to high ledgy point; descend abrupt SW. slope.
26.68	Top of vertical limestone ledge, faces SW. and bears NW. and SE.; thence over a series of inaccessible limestone and sandstone ledges facing SW.
36.00	Approximate distance; head of rocky gulch, 450 ft. below spur, drains SW.; thence along S. and SW. faces of inaccessible ledges.
40.11	True point for the ¼ sec. cor. falls on inaccessible SW. face of ledge.
48.90	On steep S. face of surfacerock, mark a cross (X), over which.
	Set an iron post, 6 ft. long, 1 in. diam., in a large mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 5 and 8, with brass cap marked S5 ¼ ——— WC S8 1936
	deposit a limestone, 10 x 10 x 8 ins., at base of post, marked X.
	No suitable bearing trees available.
	Thence descend gradually along steep S. slope.
55.60	Sandstone spur, 50 ft. below the witness cor. to the ¼ sec. cor., projects SW.; descend abrupt W. slope over sandstone ledges.
80.22	The cor. secs. 5, 6, 7, and 8, 390 ft. below spur.
	Land, steep ledgy S. and SW. slopes of the highest point on the Beaver Dam Mountains. Sand and limestone formation.
	Soil, shallow loose sand and clay, with a rocky surface and outcroppings of sand and limestone; 4th rate.
	Undergrowth, sage, black service-berry, and bitter brush, amole plants, cactuses, yucca, mountain rush, silver leaf, weeds, and grass.
	Timber, scrub juniper and pinon and a few yellow pine on extreme E. portion of mile.
	Fair late fall and early spring grazing land.
	N. 89°49' W., on random line, bet. secs. 6 and 7.

SUBDIVISION OF A PORTION, T. 42 S., R. 18 W.

Chains	
40.00	Set temp. ¼ sec. cor.
78.57	Intersect the W. bdy. of the township, 33 lks. S. of the cor. secs. 1, 6, 7, and 12, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 42 S., R. 18 W., Group 92, Utah
	Thence:
	S. 89°39' E., on true line, bet. secs. 6 and 7.
	Descend gradually along S. slope of rolling foot hills of the Beaver Dam Mountains, through very scattered timber and dense short undergrowth.
8.60	Draw, 30 ft. below cor., drains SW.; ascend gradual SW. slope.
19.20	Top of ascent on S. slope of rocky knoll, 250 ft. above cor., bears N. and S.; descend gradual SE. slope.
28.00	Draw, 40 ft. below top of ascent, drains SW.; ascend gradual W. and SW. slopes.
31.00	Draw, 55 ft. deep, drains SW.; continue gradual ascent over SW. slope.
38.57	On gradual SW. slope, 100 ft. above the draw at the 28.00 chs. point.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S6 / S7 1936
	from which
	A pinon, 3 ins. diam., bears S. 33°30' W., 69 lks. dist., marked BT.
	A juniper, 8 ins. diam., bears N. 8°30' W., 101 lks. dist., marked ¼ S6 BT.
	Continue gradual ascent along general SW. slope.
48.00	Timber becomes dense, bears NE. and SW.
67.90	Draw, 390 ft. above the ¼ sec. cor., drains S. 10° W., 4.00 chs. dist., thence W., and heads N. 80° E.; ascend gradually along abrupt N. slope.
78.57	The cor. secs. 5, 6, 7, and 8, 230 ft. above draw.
	Land, rolling and broken foot hills of the Beaver Dam Mountains, with a general southwesterly exposure and drainage. Limestone and sand stone formation.
	Soil, shallow loose sand with a rocky surface and outcroppings of sandstone; 4th rate.
	Undergrowth, sage, black, oak, and bitter brush, amole plants, cactuses, yucca, mountain rush, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair winter grazing land.

U. S. GOVERNMENT PRINTING OFFICE: 1921 C—8155

Chains	
	N.0°21'W., on random line, bet. secs. 5 and 6
40.00	Set temp. ¼ sec. cor.
80.26	Intersect the N. bdy. of the township, 5 lks. W. of the cor. secs. 5, 6, 31, and 32, an iron post, 3 ins. diam., set, marked and witnessed, as described in the official record of the survey of T. 41 S., R. 18 W.
	Thence
	S.0°19'E., on true line, bet. secs. 5 and 6.
	Ascend abrupt nearly inaccessible ledgy N. slope of high mountainous land, through medium dense timber and short undergrowth.
5.00	Top of ledgy spur, 350 ft. above cor., projects W.; descend abrupt SE. slope over limestone ledges.
28.70	Draw, 350 ft. below spur, rimmed with vertical ledges, drains W.; ascend abrupt ledgy N. slope.
38.70	Top of limestone spur, 200 ft. above draw, projects W. about 10.00 chs. dist., thence SW.; descend abrupt ledgy S. slope.
40.26	On steep broken S. slope, 70 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S6 | S5 1936
	from which
	A pinon, 10 ins. diam., bears East, 15 lks. dist., marked ¼ S5 BT
	A pinon, 8 ins. diam., bears S.19°30'W., 27 lks. dist., marked ¼ S6 BT
	Continue abrupt descent over S. slope.
48.50	Bottom of deep draw rimmed with ledges, 200 ft. below the ¼ sec. cor., drains S.80°W., and heads N.80°E., about 20.00 chs. dist.; ascend gradual NW. slope.
55.30	Low spur, 80 ft. above draw, projects W., about 15.00 chs. dist. to end; descend gradual SW. slope.
61.00	Draw, 75 ft. below spur, drains N.85°W.; ascend steep ledgy N. slope.
69.70	Top of high ledgy limestone spur, 150 ft. above draw, projects W.; descend abrupt S. slope.
78.20	Draw, rimmed with ledges on N. side, 250 ft. below spur, drains W.; ascend abrupt N. slope.
80.26	The cor. of secs. 5, 6, 7, and 8, 30 ft. above draw.
	Land, very rough and mountainous, with a general southwesterly exposure and drainage; limestone formation.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains

Soil, shallow clay and sand, with a rocky surface and limestone outcroppings; 4th rate.

Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, silver leaf, weeds, and grass.

Timber, scrub juniper and pinon.

Poor grazing land.

GENERAL DESCRIPTION.

Sections 1, 2, 11, 12, 13, and 14, of T. 42 S., R. 18 W., are within the boundaries of the Shebit Indian Reservation and are not surveyed. The remainder of the township consists of the broken ledgy east and west slopes of the main divide of the Beaver Dam Mountains, which bears in a northerly and southeasterly direction through the central portion of the township. The highest point in the township is a high limestone peak located in the SE¼ of section five. This peak is at an elevation of about 7250 feet above sea level. The extreme southwest portion of the township consists of the foothills of the Beaver Dam Mountains, and is at an elevation of about 4000 feet above sea level.

The portion of the township to the west of the main divide ridge of the Beaver Dam Mountains, is cut by deep draws and canyons, which drain westerly to the Beaver Dam Wash, while the portion to the east of the divide ridge, drains easterly to the Santa Clara River.

The formation of the high mountainous portion of the township consists of limestone, while the lower lands consist of a volcanic, granite, and quartzite formation.

The township is covered with a growth of scrub juniper and pinon timber, being dense on the high slopes of the rough mountainous land, and scattered on the rolling foothills. This timber has no commercial value except for firewood. Near the corner of sections 4, 5, 8, and 9, a small grove of yellow pine timber is found, and a few scattered spruce are found on the steep mountainous slopes in the northern portion of the township.

A dense short undergrowth of black, sage, oak, bitter, and service berry brush, amole plants, cacti, yucca, mountain rush, silver leaf, mountain mahogany, weeds, and grass is found throughout the township. The yucca is found mostly on the rolling foothills in the southwest portion. This undergrowth affors fair grazing for stock during the early spring and late fall months.

U. S. Highway No. 91, which is an oiled overland highway, enters the surveyed portion of the township on the north boundary of sec. 24, and bears in a southwesterly direction from St. George, Utah, to the Beaver Dam Lodge, in Arizona. This highway leaves the south boundary of the township at a point 150 links to the east of the corner of sections 3, 4, 33, and 34. No other improved roads were found in the township, but numerous old wood roads are found throughout the south portion of the township. A road which is in a very poor condition, leaves U.S. Highway No. 91 in the SW¼ SW¼, sec. 24, and bears in a southeasterly direction through sec. 25, and portions of secs. 24 and 36, to the Apex and

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Paymaster mines, which are located in the northwest portion of T. 43 S., R. 17 W.

The soil on the steep slopes of the mountainous land consists of a shallow loose sand and clay, with a rocky surface, and outcroppings of limestone, quartzite and sandstone, while that in the bottom of the draws and on the rolling foothills of the mountainous land, consists of sand and gravel, from 1 to 5 feet deep, which is formed by the sediment that has been washed from the higher lands. The soil contains but very little plantlife, and may be classified as 4th rate.

Summit Service Station, owned and operated by J. A. Easton, and family, is located on U. S. Highway No. 91, in the SE¼ NE¼, of section 26, and on the top of the main divide ridge of the Beaver Dam Mountains. In connection with the service station there is a small store and outbuildings.

George Gile Hardy has a goat ranch located in the SE¼ SE¼ of section 28. The improvements of this ranch consist of a cabin, 12 feet wide and 18 feet long, constructed of rock and concrete, a small chicken house and a milk house, both being constructed of rock and concrete, a small shed and corral, and a well about 16 feet deep, containing good water.

The above two persons were the only settlers living on the township at the time of the survey, and no portions of it are suitable for farming. The township is suitable only for a late fall and early spring grazing range for stock. The scarcity of water and the heat make it impracticable to graze the township during the summer months of the year.

The only permanent water in the township is Summit Spring, located in the NE¼ NW¼, section 33, Cottonwood Spring, located in the SW¼ SE¼, section 30, and Grape Vine Spring, located in the NW¼ NW¼, section 17. Injun Spring, which was dry at the time of the survey, is located in the NE¼ SW¼, section 7. A small intermittent seep of good water in the bottom of Injun Canyon, is located in the SW¼ NW¼, section 7. A small spring and a watering trough, which were dry at the time of the survey, and which is also called Cottonwood Spring, is located in the bottom of a deep, rocky draw, in the SE¼ SE¼, section 29. None of the above springs are large enough for irrigation purposes, and are used only for the watering of stock. Summit Spring is piped from its head to a concrete watering trough, located in the NE¼ NW¼, section 4, T. 43 S., R. 18 W., and from the trough to Castle Cliff service station, located in section 8, T. 43 S., R. 18 W. Welcome Spring, located in the SE¼ SW¼, sec. 30, contains permanent water.

A one wire telephone line bears in a southwesterly direction through the southeast portion of the township, and follows along the southeast side of U. S. Highway No. 91. A small rock tunnel and a rock cabin are located near Summit Spring. Several small prospect holes were found throughout the township, but the only indications of mineral that were found were outcroppings of iron and mica, located mostly in the quartzite formation. No indications of oil, oil shale or coal were found.

The mean magnetic declination was found to be 16°45'E.

U. S. GOVERNMENT PRINTING OFFICE 6—8133

U. S. GOVERNMENT PRINTING OFFICE 6—8155

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Helen Roper	Principal Assistant
Warren R. Clark	Chainman
Ulysses S. Gardner	Chainman
Emmett FitzGerald	Chainman
David Severn	Flagman
Jay Baldwin	Flagman
John H. McGuire	Cornerman
Harold Hyde	Cornerman
Melburn Ford	Axman
David Crockett	Axman
Loren Bell	Axman

6—8412

CERTIFICATE OF ~~UNITED STATES~~ SURVEYORS

I, We, Elliot Bird and Andrew Nelson, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 17th day of March 19[illegible] received from the district cadastral engineer for Utah, with assignme instructions dated May 12, 1936, I We have surveyed the south boundary and a portion of the subdivision of, T. 42 S., R. 18 W.,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me us and under my our direction and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Certified to at
Salt Lake City, Utah.
February 11, 1937.

Elliot Bird
Andrew Nelson
~~U.S.~~ Surveyors.

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado. December 27, 1940.

The foregoing field notes of the survey of the south boundary and a portion of the subdivision, T. 42 S., R. 18 W., Salt Lake Meridian, Utah,

executed by Elliot Bird and Andrew Nelson, ~~U.S.~~ Surveyors under special instructions dated March 17, 1936, and assignment instructions dated May 12, 1933, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

~~U.S.~~ *Supervisor of Surveys.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes on file in the public survey office.~~

~~*U.S. Supervisor of Surveys.*~~

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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Public Survey Office
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE SUBDIVISIONAL LINES

T. 43 S., R. 18 W.

Of the Salt Lake *Meridian,*

the State of Utah

EXECUTED BY

Andrew Nelson, Surveyor

Elliot Bird, Surveyor

Kelvin Winwood, Transitman (P.W.A.)

nder special instructions dated March 17, *1933, which provided*

r the surveys included under Group No. 233, Utah, *bearing the approval of the*

mmissioner of the General Land Office under date of September 19, 1933

d assignment instructions dated May 12, *1936,* and supplemental
ssignment instructions dated October 24, 1936.

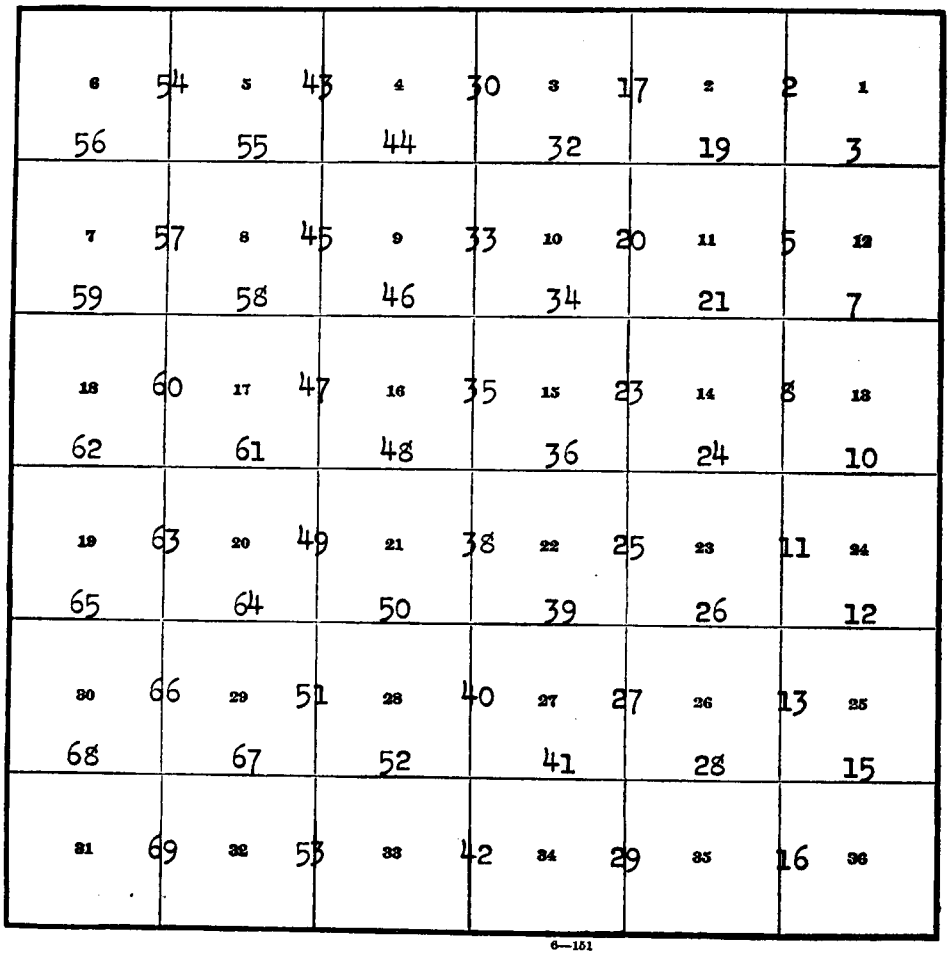
Survey commenced June 19, *1936.*

Survey completed November 18, *1936.*

U. S. GOVERNMENT PRINTING OFFICE 8—151

INDEX DIAGRAM.

Township 43 South, *Range* 18 West



6—151

T. 43 S., R. 18 W.

Chains

The survey of T. 43 S., R. 18 W., Salt Lake Meridian, Utah, was commenced June 19, 1936, and executed with Buff and Buff transit No. 18003, used by Elliot Bird, Surveyor, and Buff and Buff transit No. 14191, used by Andrew Nelson, Surveyor

Work was discontinued on this township, on June 30, 1936, and resumed [illegible] on November 2, 1936, by Andrew Nelson, Surveyor, and Kelvin Winwood, Transitman (P.W.A.), using Buff and Buff transits Nos. 14191 and 9210.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each transit, are provided with 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 circles.

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 May 12, 1936, and supplemental assignment instructions dated October 24, 1936.

During the progress of this survey, the solar attachments were not used, and all azimuths in this record are referred to true meridians which were determined by observations made upon Polaris during the progress of the survey, by the method of deflection angles and calculated courses, and the lines of the survey were carried forward by fore and back sights.

The instruments were in good condition and adjustment at the commencement of this survey, and in order to obtain a true meridian for the commencement of the survey, we proceed as follows.

June 19, 1936: Stationed at the cor. of secs. 2, 3, 34, and 35, on the north boundary of the township, in approximate latitude 37°05' N., longitude 113°51' W., with transit No. 18003, at 11h 34.4m a.m. by my watch, which carries correct 105th meridian time, we make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a point on a ledge about 4 miles north, in the direction west to Polaris.

Watch fast of local mean time.....	0h 35.4m
Local mean time of observation.....	10h 59.0m a.m.
Mean horizontal deflection angle from point on ledge to Polaris.....	0°58.0'
Azimuth of Polaris.....	0°58.0' W.
True bearing to point on ledge.....	North.

Note: The latitude and longitude of the above station were computed from the latitude and longitude given at the 8th mile post of the Utah-Arizona state boundary, which post is a U.S. Coast and Geodetic triangulation station, giving the latitude as 37°00'00.711" N., and the longitude 113°54'16.984" W.

The instruments were kept in good adjustment throughout the progress of this survey, and numerous hour angle observations were made upon Polaris to determine true meridians from which the lines of the survey were deflected.

T. 43 S., R. 18 W.

Chains	
	MEASUREMENTS.
	Unless otherwise specified all measurements were made with Lallie steel tapes 5 and 8 chains in length compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle determined with large improved clinometers and the slope measurements properly reduced to true horizontal distances which only appear in this record.
	SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.
	The witness cor. to the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the township, is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 42 S., R. 18 W. of this group, and which is set S. 89°56' E., 50 lks. dist. from its true position.
	Thence:
	From the true point for the cor. of said secs.
	S. 0°01' E., bet. secs. 1 and 2.
	Ascend abrupt NW. slope of broken limestone ledges and very rough mountainous land, through dense undergrowth and scattered scrub timber.
1.70	The top of W. point of limestone ledge, 30 ft. above true point for cor.; descend abruptly over broken SW. slope over a series of limestone outcroppings.
12.27	Point from which the west gable of an old house, bears S. 19°40' E. For intersecting bearing, see that given at the 65.56 chs. point, on line bet. secs. 1 and 12.
26.80	Leave ledges and begin more gradual descent, bears NE. and SW.
33.70	Unimproved road, bears N. 10° E., about 10.00 chs. dist., thence NE., and SW., about 1.00 ch. distant, thence S. 10° E.
40.00	On gradual SW. slope, 930 ft. below the true point for the cor. secs. 1, 2, 35, and 36.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S2 | S1 1936
	from which
	A juniper, 7 ins. diam., bears S. 78° E., 51 lks. dist., marked ¼ S1 BT.
	A pinon, 10 ins. diam., bears S. 51°30' W., 10 lks. dist., marked ¼ S2 BT.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
40.50	Sagebrush undergrowth becomes more dense, bears E. and W.
58.00	Road, bears W. and E., about 10.00 chs. dist., thence NE.
59.40	Draw, 130 ft. below the ¼ sec. cor., drains S. 80° W.; ascend gradual N. slope.
61.30	Low spur, 20 ft. above draw, projects W., about 6.00 chs. dist. to end; descend gradual SW. slope.
63.50	Draw, 30 ft. below spur, drains S. 80° W.; road in bottom of draw, bears S. 80° W., and E., 20 lks. dist., thence S. 30° E., 4.00 chs. dist., thence S. 30° W.; ascend gradual N. slope.
74.80	Saddle in spur, 150 ft. above draw, projects W.; descend gradually along broken W. slope.
80.00	On broken W. slope, 155 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 1, 2, 11, and 12, with brass cap marked

T43S | S2	R18W | S1
S11	S12

1936

from which

A juniper, 8 ins. diam., bears N. 77°45' E., 45 lks. dist., marked T43S R18W S1 BT.

A pinon, 10 ins. diam., bears S. 9°30' E., 42 lks. dist., marked T43S R18W S12 BT.

A juniper, 12 ins. diam., bears S. 56° W., 86 lks. dist., marked T43S R18W S11 BT.

A juniper, 8 ins. diam., bears N. 35° W., 74 lks. dist., marked T43S R18W S2 BT.

From this cor., Cor. No. 2, Black Bird lode, survey No. 4858, a pine post, 4 ins. square, extending 2½ ft. above a mound of stone, scribed 2-4858 on SE. face, bears N. 69°14' E., 7.68 chs. dist.

The mouth of a tunnel at the Black Bird Mine, bears S. 31°15' E., 23.00 chs. dist.

Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.

Soil, shallow clay with a rocky surface and outcroppings of limestone, lying on limestone bedrock; 4th rate.

Undergrowth, black and sage brush, mountain rush, amole plants, cacti, yucca, yellow top, weeds, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

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

40.00	Set temp. ¼ sec. cor.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
80.00	Intersect the E. bdy. of the township at the cor. secs. 1, 6, 7, and 12, an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W., Group
	Thence:
	N. 89°56' W., on true line, bet. secs. 1 and 12.
	Ascend abrupt broken ledgy E. slope of the main divide ridge of the Beaver Dam Mountains, through dense timber and short undergrowth.
1.03	Intersect line 3-4, Apex lode, survey No. 4329, S. 26°28' 2.00 chs. dist. from Cor. No. 1, Paymaster lode, survey No. 4328, a pine post, 4 ins. square, extending 2½ ft. above a mound of stone, scribed 1-4328 on E. face.
12.10	Top of main divide ridge of the Beaver Dam Mountains, 530 ft. above cor. on the E. bdy. of the township, bears N. 20° E., and S., about 15.00 chs. dist., thence easterly descend abrupt ledgy general NW. slope.
13.36	Point from which U.S.Location Monument No. 1, of the Tutsagubet Mining District, a pine post, 6 ins. square, extending 3 ft. above a large mound of stone, scribed US L M No. 1, on SE. face, bears N. 17°34' E., 16.67 chs dist.
14.24	Intersect line 4-5, Limestone lode, survey No. 4329, N. 5°14' W., 5.77 chs. dist. from Cor. No. 4, identical with Cor. No. 5, Apex lode, survey No. 4329, which is a pine post, 4 ins. square, extending 2½ ft. above a mound of stone, scribed 4-5-4329 on N. face.
16.80	Head of draw, drains NW.; continue descent over general NW. slope.
21.80	Top of high rocky point or ledge, slopes N. 20° W., about 10.00 chs. dist. to end; descend abrupt NW. slope over ledges.
31.10	Intersect line 1-4, Ella May lode, survey No. 6145, N. 13°40' W., 8.08 chs. dist. from Cor. No. 4, a pine post, 4 ins. square, extending 2½ ft. above a mound of stone, scribed 4-6145 on NW. face.
33.40	Draw, 420 ft. below ridge, drains N. 5° E.; ascend abrupt E. slope.
40.00	On an abrupt E. slope, 290 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S1 / S12 / 1936
	from which
	A pinon, 6 ins. diam., bears S. 44° W., 40 lks. dist., marked ¼ S12 BT.
	A pinon, 7 ins. diam., bears N. 32° W., 26 lks. dist., marked ¼ S1 BT.

U. S. GOVERNMENT PRINTING OFFICE: 1936 C—6155

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
40.80	Spur, 10 ft. above the ¼ sec. cor., projects N., about 25.00 chs. dist. to end; descend abrupt W. slope.
49.00	Draw, 330 ft. below spur, drains N., about 25.00 chs. dist., thence westerly; ascend abrupt E. slope.
50.50	Limestone spur, 70 ft. above draw, projects N.; descend broken NW. slope.
51.10	Large draw, 80 ft. below spur, drains N. 20° E.; ascend broken NE. slope.
58.87	Intersect line 2-3, Sullivan lode, survey No. 6145, S. 13°40' E., 1.08 chs. dist. from Cor. No. 2, identical with Cor. No. 2, Hatfield lode, survey No. 6145; a pine post, 4 ins. diam., extending 2½ ft. above a mound of stone, scribed 2-2-6145 on NE. face.
59.00	Top of limestone spur, 60 ft. above draw, projects N.; descend abrupt W. slope.
60.50	Top of limestone ledge, slopes W. and bears E. and S.
62.70	Base of ledge, bears N. and S.; continue descent over NW. and W. slopes.
63.95	Intersect line 1-4, Black Bird lode, survey No. 4858, S. 5°19' W., 1.92 chs. dist. from Cor. No. 1, a pine post, 4 ins. square, extending 2½ ft. above a mound of stone, scribed 1-4858 on SW. face.
65.56	Point from which the W. gable of an old house, bears N. 0°44' W. For intersecting bearing, see that given at the 12.27 chs. point on line bet. secs. 1 and 2 .
71.15	Old road, bears N. 20° W. and S. 20° E.
73.08	Intersect line 2-3, Black Bird lode, survey No. 4858, S. 5°19' W., 2.74 chs. dist. from Cor. No. 2, heretofore described.
80.00	The cor. of secs. 1, 2, 11, and 12, 725 ft. below top of limestone spur, at the 59.00 chs. point.
	Land, broken E. and W. slopes of the main divide ridge of the Beaver Dam Mountains, with outcroppings of limestone; general easterly and westerly exposure and drainage.
	Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.
	Undergrowth, sagebrush, shadscale, yellow top, mountain rush, cacti, yucca, and weeds.
	Timber, juniper and pinon and a few scattered spruce.
	Fair late fall and early spring grazing land.
	S. 0°01' E., bet. secs. 11 and 12.
	Ascend gradually along broken W. slope of rough mountainous land, through dense timber and undergrowth.
4.90	Draw, 30 ft. below cor., drains W., and heads E., about 5.00 chs. dist.; ascend steep NW. slope.
8.20	Top of ascent, 100 ft. above draw, bears NW. and SE.; descend steep SW. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1924 8—8155

Chains	
10.20	Draw, 20 ft. below top of ascent, drains N. 80° W.; ascend over abrupt ledgy NW. slope.
19.20	Spur, 140 ft. above draw, projects S. 80° W., 5.00 chs. dist., thence W.; descend gradually over steep W. and SW. slopes.
27.40	Timber becomes scattered, bears NE. and SW.
35.40	Large draw, 300 ft. below spur, drains N. 75° W., and heads S. 80° E., about 5.00 chs. dist.; ascend gradual NW. slope.
39.10	Timber becomes dense, bears NW. and SE.
40.00	On NW. slope, 50 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S11 | S12

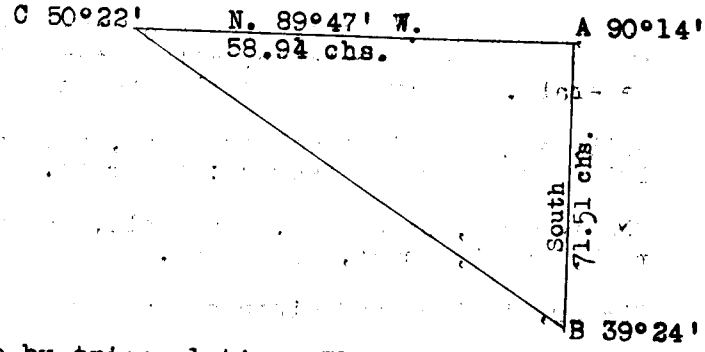
1936

from which

A pinon, 8 ins. diam., bears S. 8° E., 12 lks. dist., marked ¼ S12 BT.

A juniper, 14 ins. diam., bears N. 41° W., 54 lks. dist., marked ¼ S11 BT.

The line to the S. of this cor., ascends over the inaccessible NW. face of a high sand stone and limestone ledge, over which it is impossible to chain, I therefore determine the distance by triangulation as follows. Erect flag A at the cor. of secs. 1, 2, 11, and 12, and flag B on line to the S. From A, survey base line AC, N. 89°47' W., 58.94 chs. dist. From C, AB subtends an angle of 50°22'. From B, AC subtends an angle of 39°24'. Vertical angle from A to B is plus 17°33'. All angles checked by repetition.



Distance by triangulation 71.51 chs.

52.50	Approximate distance; top of ledge, bears NE. and SW.; continue abrupt ascent over NW. slope.
71.51	To point B of triangulation.
72.50	Top of high densely timbered ridge, 1510 ft. above sec. cor., bears E. and W.; descend abrupt broken S. slope.
80.00	On abrupt S. slope of surfacerock, 260 ft. below top of ridge, mark a cross (X), over which.

U. S. GOVERNMENT PRINTING OFFICE: 1931 G—8155

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 11, 12, 13, and 14, with brass cap marked

T43S | R18W	
S11	S12
S14	S13

1936

from which

A pinon, 8 ins. diam., bears N. 31°30' E., 66 lks. dist., marked T43S R18W S12 BT.

A pinon, 10 ins. diam., bears S. 83°30' E., 36 lks. dist., marked T43S R18W S13 BT.

A pinon, 8 ins. diam., bears S. 67°15' W., 48 lks. dist., marked T43S R18W S14 BT.

A juniper, 6 ins. diam., bears N. 66°45' W., 19 lks. dist., marked T43S R18W S11 BT.

Land, rough and mountainous, with a general northwesterly and westerly exposure and drainage. Sand stone and limestone formation.

Soil, shallow light colored clay, with a rocky surface, lying on sand and limestone bedrock; 4th rate.

Undergrowth, black and sage brush, mountain rush, yellow top, bitter brush, cacti, yucca, amole plants, and weeds.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°56' E., on random line, bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect the E. bdy. of the township, 2 lks. N. of the cor. secs. 7, 12, 13, and 18; an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W.

Thence:

N. 89°55' W., on true line, bet. secs. 12 and 13.

Ascend gradually along broken S. slope of high rough mountainous land, through medium dense timber and short undergrowth.

2.70 Top of ascent on S. slope, 40 ft. above cor., bears N., and slopes S., about 5.50 chs. dist.; descend gradually along broken S. slope.

17.80 Draw, 40 ft. below spur, drains S. 65° E.; ascend along broken NE. slope near bottom of draw.

24.00 Reconnoiter draw, drains N. 70° E.; ascend along broken S. slope.

40.04 On ledgy S. slope, 75 lks. N. of bottom of draw, and 325 ft. above mea. cor.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked

¼ S12 / S13

1936

deposit a limestone, 12 x 10 x 10 ins., at base of post, marked X.

No suitable bearing trees available.

53.00 Recross draw, drains S. 75° E.; ascend broken ledgy NE. slope.

70.30 Top of the main divide ridge of the Beaver Dam Mountains, 935 ft. above the ¼ sec. cor., bears N. 15° W. and S. 15° E.; descend abrupt SW. slope.

80.08 The cor. secs. 11, 12, 13, and 14, 200 ft. below top of ridge.

Land, broken E. and W. slopes of the main divide ridge of the Beaver Dam Mountains, with outcroppings of limestone; limestone formation.

Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.

Undergrowth, black and sage brush, yucca, cacti, mountain rush, yellow top, bitter brush, and weeds.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 0°01' E., bet. secs. 13 and 14.

Descend abruptly over broken S. slope of rough mountainous land, through dense scrub timber and undergrowth.

6.30 Draw, 180 ft. below cor., drains SW.; ascend gradually along steep broken W. slope.

18.70 Spur, 20 ft. above draw, slopes SW.; descend abrupt SW. slope.

28.50 Draw, 330 ft. below spur, drains S. 70° W.; ascend gradual NW. slope.

30.60 Spur, 20 ft. above draw, projects S. 60° W.; descend abrupt SW. slope.

37.30 Recross draw, crossed at the 6.30 chs. point, 150 ft. below spur, drains S. 30° E.; ascend abrupt NE. slope.

38.20 Top of ascent, 30 ft. above draw, bears W., and slopes E., 1.50 chs. dist. to draw; descend gradually along E. slope.

40.00 On steep rocky E. slope, 10 ft. below top of ascent, 2.00 chs. W. of bottom of draw draining southerly.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked

Chains	
	¼ S14 | S13 1936 from which A pinon, 6 ins diam., bears S.86°30'E., 63 lks. dist., marked ¼ S 13 BT A pinon, 8 ins diam., bears N.35°W., 42 lks. dist., marked ¼ S 14 B T
54.20	Draw, 190 ft. below the ¼ sec cor., drains E.. 50 lks. dist. to junction with draw draining southerly; ascend gradually along steep E. slope.
62.60	Spur, bears W., and slopes E., 4.00 chs. dist. to end; descend gradually along E. slope.
66.20	Draw, 65 ft. below spur, drains E.; ascend gradually.
69.40	Spur, 40 ft. above draw, slopes E.; descend gradual SE. slope.
72.00	Draw, 60 ft. below spur, drains S.70°E., about 3.50 chs. dist. to draw draining southerly.
77.00	Spur, 130 ft. above draw, projects E.; descend steep SE. slope.
80.00	On steep SE. slope, 30 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 13, 14, 23, and 24, with brass cap marked T43S | R18W S14 | S13 S23 | S24 1936 from which A juniper, 8 ins. diam., bears S.84°E., 86 lks. dist., marked T43S R18W S24 BT A juniper limb, 8 ins. diam., bears S.23°30'W.,87 lks. dist., mkd S23 BT. Tree too scrubby for other marks. A juniper, 8 ins. diam., bears N.42°45'W., 24 lks. dist., marked T43S R18W S14 BT No suitable bearing tree available in sec. 13. Land, rough and mountainous, with a general easterly and southerly exposure and drainage. Limestone formation. Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate. Undergrowth, sage, bitter, and black brush, amole plants, cacti, yucca, mountain rush, weeds, and yellow top. Timber, scrub juniper and pinon. Fair late fall and early spring grazing land.

Chains	
	S.89°55'E., on random line, bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the township, 33 lks. S. of the true point for the cor. secs. 13, 18, 19, and 24, which is North, 52 lks. dist. from the witness cor. to the cor. of said secs. Witness cor. is an iron post, 3 ins. diam. set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W.
	Thence, from the true point for cor.
	S.89°51'W., on true line, bet. secs. 13 and 24.
	Ascend from bottom of draw draining easterly, along broken S. slope of rough mountainous land, through scattered timber and dense short undergrowth.
8.50	Draw, drains S.75°E.; ascend abrupt E. slope.
28.50	Top of main divide ridge of the Beaver Dam Mountains, 790 ft. above true point for sec. cor., bears N. and S.30°E.; descend abrupt rocky W. slope.
36.50	Steep draw, 385 ft. below divide ridge, drains S.15°W., 3.50 chs. dist. to junction with draw draining S.30°E.; ascend rocky E. slope.
40.00	On top of steep rocky spur, 25 ft. above draw, slopes S. 2.00 chs. dist. to end.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S 13 / S 24 1936 from which
	A juniper, 5 ins. diam., bears S.80°30'E., 54 lks. dist., marked ¼ S24 BT
	No other suitable bearing tree available.
	Descend gradually along rocky SW. slope.
44.00	Draw, 10 ft. below the ¼ sec. cor., drains SE.; ascend abrupt NE. slope.
53.50	Sharp rocky spur, 250 ft. above draw, projects S.30°E.; descend abrupt broken rocky SW. slope.
63.80	Large draw, 220 ft. below spur, drains S.; 4.50 chs. dist., thence S.60°E; ascend abrupt SE. slope.
72.00	Spur, 30 ft. above draw, projects N.70°E.; descend gradual NW. slope.
75.10	Draw, 30 ft. below spur, drains N.60°E.; ascend abrupt rocky SE. slope.
80.00	The cor. of secs. 13, 14, 23, and 24, 150 ft. above draw.
	Land, broken and mountainous, with a general southeastern exposure and drainage. Limestone formation.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Soil, shallow light colored clay, with a rocky surface and limestone outcroppings; 4th rate.
	Undergrowth, short sage, bitter, and black brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair winter grazing land.
	S. 0°01' E., bet. secs. 23 and 24.
	Descend abrupt SE. slope of rough mountainous land, through scattered timber and medium dense short undergrowth.
2.40	Draw, 55 ft. below cor., drains N. 70° E.; ascend abrupt broken N. slope.
12.50	Spur, 230 ft. above draw, projects E., about 6.00 chs. dist., thence SE.; thence along broken E. slope.
15.00	Head of draw, 40 ft. below spur, drains S. 70° E.; continue along broken E. slope.
23.40	Rocky spur, 100 ft. above head of draw, projects SE.; descend rocky SW. slope.
24.80	Rim of limestone ledge, 20 ft. high, faces SW. and bears SE. and NW.
40.00	On steep SW. slope, 620 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S23 | S24 1936 from which
	A pinon, 12 ins. diam., bears S. 49°30' E., 57 lks. dist., marked ¼ S24 BT.
	A pinon, 10 ins. diam., bears N. 25°15' W., 71 lks. dist., marked ¼ S23 BT.
48.00	Draw, 190 ft. below the ¼ sec. cor., drains S. 25° E.; ascend abrupt NE. slope.
50.80	Spur, 40 ft. above draw, projects S. 60° E., about 5.00 chs. dist. to end; descend abrupt SE. slope.
57.00	Draw, 180 ft. below spur, drains SE.; ascend abrupt NE. slope.
64.80	Rocky spur, 50 ft. above draw, projects S. 60° E.; descend abrupt SW. slope.
74.70	Same draw as at the 48.00 chs. point, 350 ft. below spur, drains S. 20° W.; thence descend gradually along steep W. slope at E. side of draw.
80.00	On steep rocky W. slope, 385 ft. below spur.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 23, 24, 25, and 26, with brass cap marked T43S | R18W S23 | S24 S26 | S25 1936 from which a point on a limestone boulder, 6 x 5 x 3 ft. above ground, marked X BC S24, bears N. 77° E., 10 lks. dist.
	No suitable bearing trees available.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow light colored clay, with outcroppings of limestone, lying on limestone bedrock; 4th rate.
	Undergrowth, short sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair winter grazing land.
	N. 89°51' E., on random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the E. bdy. of the township, 19 lks. S. of the cor. secs. 19, 24, 25, and 30; an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W.
	Thence:
	S. 89°43' W., on true line, bet. secs. 24 and 25.
	Descend gradual NW. slope of rough mountainous land, through scattered scrub timber and dense short undergrowth.
6.60	Slope changes from a gradual NW. slope to a gradual W. slope.
20.40	Old emigrant road, bears N. 30° E. and S. 30° W., in bottom of large draw, 140 ft. below cor., drains S. 30° W.; ascend abrupt E. slope.
22.80	Spur, 230 ft. above draw, projects SW.; descend abrupt NW. slope.
28.50	Draw, 140 ft. below spur, drains SW.; ascend abrupt SE. slope.
40.05	On abrupt SE. slope, 260 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked S24 ¼ S25 1936

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Chains	
	from which
	A juniper, 10 ins. diam., bears N. 60°30' E., 61 lks. dist., marked ¼ S24 BT.
	A pinon, 8 ins. diam., bears S. 71°30' E., 325 lks. dist., marked ¼ S25 BT.
43.80	Rocky spur, 50 ft. above the ¼ sec. cor., projects SW.; descend abrupt W. slope.
53.40	Large draw, 290 ft. below spur, drains SW.; ascend abrupt SE. slope.
57.70	Small draw, drains S.; continue ascent.
70.30	Spur, 290 ft. above large draw, projects S. 10° W.; descend abrupt SW. slope.
75.30	Slope changes from an abrupt SW. slope to an abrupt W. slope.
80.10	The cor. secs. 23, 24, 25, and 26, 220 ft. below spur.
	Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, short sage, bitter, and black brush, yucca, cacti, amole plants, mountain rush, weeds, and grass.
	Timber, scattered scrub juniper and pinon.
	Fair winter grazing land.

	S. 0°01' E., bet. secs. 25 and 26.
	Descend gradually along broken W. slope of rough mountainous land, through scattered timber and medium dense short undergrowth.
10.30	Draw, 140 ft. below cor., drains S. 30° E.; ascend over steep NE. slope.
16.40	Top of ascent, bears E. and W.; descend gradually over SE. slope.
23.00	Junction of draws draining from the N. and NE., bears East, 3.50 chs. dist.
29.00	Wash, 25 lks. wide, 5 ft. deep, in draw, 220 ft. below top of ascent, drains SW.; thence across bottom lands of draw.
31.70	Wash, 20 lks. wide, 3 ft. deep, drains S. 30° W.
38.20	Low spur, 10 ft. high, projects S. 70° W.; descend abrupt S. slope.
38.40	Wash, 30 lks. wide, 3 ft. deep, at base of abrupt descent, drains S. 15° E.; descend gradual S. slope.
40.00	On gradual S. slope, 160 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

Chains	
	¼ S26 | S25 1936 deposit a limestone, 12 x 10 x 8 ins., at base of post, marked X. No suitable bearing trees available.
51.70	Intersect a mound of stone, 4 ft. base, 4 ft. high.
51.80	Old emigrant road, bears NE. and SW.
55.50	Wash, 100 lks. wide, 2 ft. deep, in bottom of large main draw, 100 ft. below the ¼ sec. cor., drains SW.; ascend gradually over broken NW. slope.
59.60	Spur, 50 ft. above draw, projects W., about 8.00 chs. dist. to end; descend gradual SW. slope.
64.00	Draw, 50 ft. below spur, drains N. 70° W., ascend gradual NE. slope.
71.50	Slope changes from a gradual NE. slope to an abrupt NW. slope.
80.00	True point for cor. secs. 25, 26, 35, and 36, falls on sloping face of surface rock, where it is impracticable to set a cor.
80.10	On NW. slope, 270 ft. above large main draw. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the cor. secs. 25, 26, 35, and 36, with brass cap marked W C T43S | R18W S26 | S25. S35 | S36 1936 from which A pinon, 8 ins. diam., bears N. 68°30' E., 17 lks. dist., marked WC T43S R18W S36 BT. A pinon, 7 ins. diam., bears S. 50° E., 71 lks. dist., marked WC T43S R18W S36 BT. A pinon, 6 ins. diam., bears S. 80° W., 14 lks. dist., marked WC T43S R18W S35 BT. A pinon, 6 ins. diam., bears N. 57°30' W., 43 lks. dist., marked WC T43S R18W S26 BT. Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation. Soil, shallow light colored clay, lying on limestone bedrock; 4th rate. Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds. No timber. Fair winter grazing land.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	From the true point for the cor. secs. 25, 26, 35, and 36, which is N. 0°01' W., 10 lks. dist. from the witness cor. to the cor. said secs.
	N. 89°43' E., on random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the E. bdy. of the township, 9 lks. S. of the true point for the cor. of secs. 25, 30, 31, and 36, which is North, 50 lks. dist. from the witness cor. to the cor. of said secs. Witness cor. is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 43 S., R. 17 W.
	Thence, from the true point for cor.
	S. 89°39' W., on true line, bet. secs. 25 and 36.
	Descend gradual SW. slope of rough mountainous land, through dense short undergrowth.
7.50	Draw, 20 ft. below cor., drains S. 20° E.; ascend gradual SE. slope.
10.00	Spur, 40 ft. above draw, projects S.; about 7.00 chs. dist. to end; descend gradual SW. slope.
13.00	Small draw, 40 ft. below spur, drains S., 3.00 chs. dist., thence SE.; ascend gradual SE. slope.
28.30	Spur, 30 ft. above draw, projects S. 30° W.; descend gradual SW. slope.
20.30	Draw, 40 ft. below spur, drains S. 20° W.; ascend abrupt SE. slope.
25.30	Spur, 140 ft. above draw, projects S., and bears N., about 4.50 chs. dist. to peak on top of main divide ridge; descend abrupt rocky SW. slope.
36.20	Head of draw, 220 ft. below spur, trains S. 15° W.; ascend abrupt rocky SE. slope.
40.02	On abrupt rocky SE. slope, 50 ft. above head of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ 825 / 836. 1936
	from which
	a point on the limestone surface rock, marked X BO, bears N. 21° E., 5½ lks. dist.
	No other accessories available.
45.00	Top of ascent on S. slope of rocky point, 150 ft. above the ¼ sec. cor., bears S., and N. 2.00 chs. dist. to top of point; descend abrupt SW. slope.
50.70	Base of descent over SW. slope, bears N. and S.; thence along S. slope near top of ridge.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains

52.50 Top of the main divide ridge of the Beaver Dam Mountains, 130 ft. below top of ascent, bears N. 85° E. and S. 30° W. about 5.00 chs. dist., thence S. 75° W.; descend NW. slope.

53.90 Top of limestone ledge, 70 ft. high, faces NW. and bears N. 60° E. and S. 60° W.; descend abrupt NW. slope, through scattered scrub timber.

80.04 The true point for the cor. of secs. 25, 26, 35, and 36, 460 ft. below top of ridge.

Land, rough and mountainous, with a general southeasterly and northwesterly exposure and drainage.

Soil, shallow light colored clay and sand, with outcropping of limestone; 4th rate.

Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.

Timber, scattered scrub juniper on W. portion of mile.

Fair winter grazing land.

From the true point for the cor. secs. 25, 26, 35, and 36, S. 0°01' E., bet. secs. 35 and 36.

Ascend abrupt NW. slope of rough mountainous land, through scattered short undergrowth.

0.10 The witness cor. to the cor. secs. 25, 26, 35, and 36.

13.10 Top of broken limestone ledge, faces NW., 80 ft. high, and top of the main divide ridge of the Beaver Dam Mountains, 500 ft. above true point for sec. cor., bears NE. and SW.; descend abrupt SE. slope.

19.20 Head of draw, 130 ft. below ridge, drains S. 60° E.; ascend abrupt NE. slope.

24.80 Spur, 100 ft. above draw, projects S. 75° E.; descend abrupt SE. slope.

33.70 Small steep draw, 30 ft. below spur, drains S. 70° E., about 6.00 chs. dist., thence S.; continue descent over SE. slope.

40.00 On general SE. slope, 380 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

835 | 836

1936

limestone, 8 x 6 x 4 ins., at base of post, marked X. deposit a

43.90 Descent becomes gradual, bears NE. and SW.

46.10 Intersect the Utah-Arizona State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 35 and 36, with brass cap marked

Chains	

T43S R18W
C | C
S35 | S36

ARIZ

1936

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

From this cor., the closing cor. secs. 32 and 33, T. 42 N., R. 14 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record, bears West, 12.66 chs. dist.

From same cor., the 12th mile post of the Utah-Arizona State Boundary, bears West, 29.94 chs. dist. Mile post is a limestone, 24 x 18 x 10 ins., firmly set in a mound of stone, marked UTAH on N. face, 12M, on W. face, and ARIZ, on S. face, and witnessed by a mound of stone, 4 ft. base, 3 ft. high, to the E. of the cor. monument.

Land, rough and mountainous, with a general northwesterly and southeasterly exposure and drainage. Lime and sandstone formation.

Soil, shallow loose sand and light colored clay, lying on limestone bedrock; 4th rate.

Undergrowth, sage, bitter, and black brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair early spring and late fall grazing land.

From the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township; an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 42 S., R. 18 W., of this group.

S. 0°01' E., bet. secs. 2 and 3.

Descend abrupt SE. slope of broken mountainous land, through medium dense scrub timber and short undergrowth.

3.50 Draw, 55 ft. below cor., drains N. 30° E.; ascend steep N. slope.

18.40 Spur, 390 ft. above draw, projects N. 30° E. and bears S. 5° W.; ascend gradually along E. slope of spur.

27.40 Small branch spur, 40 ft. above last spur, projects E.; descend steep SE. slope.

36.70 Draw, 310 ft. below spur, drains SE.; ascend gradually along broken E. slope.

40.00 On broken E. slope, 50 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼
S3 | S2

1936

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Chains

From which

A juniper, 8 ins. diam., bears East, 56 lks. dist., marked ¢ S2 BT.

A pinon, 10 ins. diam., bears S. 79° W., 42 lks. dist., marked ¢ S3 BT.

Continue gradual ascent over broken E. slope.

43.50 Spur, 25 ft. above the ¢ sec. cor., projects SE., about 6.00 chs. dist. to end; descend steep SW. slope.

51.80 Draw, 180 ft. below spur, drains SE.; ascend steep NE. slope.

56.30 Spur, 160 ft. above draw, projects E.; descend steep SE. slope.

64.70 Draw, 25 ft. below spur, drains S. 30° W.; ascend gradual NW. slope.

67.70 Spur, 100 ft. above draw, projects S. 35° W.; descend gradual SE. slope.

70.30 Draw, 30 ft. below spur, drains SW., 14.00 chs. dist. to junction with last draw; thence over bottom lands of dr

73.70 Top of earth dam across draw draining N. 30° W.; ascend steep N. slope.

80.00 On steep N. slope, 160 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in ground to solid rock and in a large mound of stone to t for cor. secs. 2, 3, 10, and 11, with brass cap marked

T43S | R18W	
S3	S2
S10	S11

1936

from which

A pinon, 8 ins. diam., bears S. 15°15' E., 59 lks. dist., marked T43S R18W S11 BT.

A pinon, 5 ins. diam., bears S. 41° W., 89 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 10 ins. diam., bears N. 81° W., 32 lks. dist., marked T43S R18W S3 BT.

No suitable bearing tree available in sec. 3.

Land, broken and mountainous, with a general southerly and southeasterly exposure and drainage.

Soil, shallow light colored clay lying on limestone surface rock; 4th rate.

Undergrowth, sage, black, and bitter brush, whole plant mountain rush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

Chains	
	S. 89°58' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 12 lks. N. of the cor. secs. 1, 2, 11, and 12.
	Thence:
	N. 89°51' W., on true line, bet. secs. 2 and 11.
	Descend gradually along steep N. slope of broken mountainous land, through dense timber and undergrowth.
13.10	Draw, 220 ft. below cor., drains NW.; old road in bottom of draw, bears NW. and SE.; ascend gradually along N. slope.
18.30	Spur, 80 ft. above draw, projects N. 65° W.; descend steep SW. slope.
28.70	Draw, 150 ft. below spur, drains N. 20° W., 3.00 chs. dist., thence W.; ascend gradual NE. slope.
31.20	Bend in spur, 20 ft. above draw, projects N. 85° W., and bears SE.; thence along S. slope of spur.
34.60	Recross top of spur, projects NW. and bears S. 85° E.; descend gradual SW. slope.
40.02	On gradual SW. slope, 60 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S2 / S11 1936 from which
	A juniper, 7 ins. diam., bears S. 12° W., 67 lks. dist., marked ¼ S11 BT.
	A juniper, 12 ins. diam., bears N. 38°45' W., 52 lks. dist., marked ¼ S2 BT.
	Continue gradual descent over SW. slope.
47.30	Old road, bears NW. and SE.
48.00	Draw, 80 ft. below the ¼ sec. cor., drains N. 60° W.; ascend steep E. slope.
58.90	Top of elongated knoll, 140 ft. above draw, bears S. 30° E., about 8.00 chs. dist., and N. about 8.00 chs. dist.; descend steep rocky W. slope.
65.90	Draw, 220 ft. below knoll, drains N.; ascend gradually along steep N. slope.
78.90	Top of ascent, 45 ft. above draw, bears N. and S.; descend gradually along steep N. slope.
80.04	The cor. secs. 2, 3, 10, and 11, 10 ft. below top of ascent.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Land, broken and mountainous, with a general northwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay and sand, with a rocky surface, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	S. 0°01' E., bet. secs. 10 and 11.
	Ascend steep N. slope of broken mountainous land, through scattered scrub timber and dense short undergrowth.
1.50	Spur, 40 ft. above cor., projects W., and bears E., 5.00 chs. dist., thence S. 20° E.; descend steep SW. slope.
7.20	Draw, 140 ft. below spur, drains W., and heads E., 4.00 chs. dist.; ascend steep rocky N. slope.
12.80	Spur, 140 ft. above draw, projects W.; descend abrupt S. slope.
18.30	Draw, 150 ft. below spur, drains W., 1.50 chs. dist., thence S. 20° W., 2.00 chs. dist., thence W.; ascend steep N. slope.
27.60	Spur, 180 ft. above draw, projects W.; descend steep S. slope.
33.80	Draw, 80 ft. below spur, drains W.; ascend steep N. slope.
40.00	On steep N. slope, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S10 | S11 1936 from which
	A juniper, 9 ins. diam., bears N. 73°45' E., 80 lks. dist., marked ¼ S11 BT.
	A juniper, 7 ins. diam., bears N. 70°15' W., 30 lks. dist., marked ¼ S10 BT.
41.40	Spur, 15 ft. above the ¼ sec. cor., projects NW., about 6.00 chs. dist. to end; descend steep rocky SW. slope.
50.70	Draw, 30 ft. below spur, drains NW.; ascend steep NE. slope over limestone outcroppings.
64.50	Top of limestone outcropping, 20 ft. high, bears NW. and SE.
70.00	Spur, 585 ft. above draw, projects NW., and bears E.; descend abrupt SW. slope.
80.00	At head of rocky draw, 280 ft. below spur, drains S.85°W., mark a cross (X) on the surface rock, over which:

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 10, 11, 14, and 15, with brass cap marked

T43S S10	R18W S11
S15	S14

1936

from which

A pinon, 10 ins. diam., bears N. 31° E., 93 lks. dist., marked T43S R18W S11 BT.

A pinon, 7 ins. diam., bears S. 56° E., 34 lks. dist., marked T43S R18W S14 BT.

A pinon, 9 ins. diam., bears S. 27°15' W., 80 lks. dist., marked T43S R18W S15 BT.

A pinon, 8 ins. diam., bears N. 42° W., 140 lks. dist., marked T43S R18W S10 BT.

Land, rough and mountainous, with a general westerly exposure and drainage. Limestone formation.

Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.

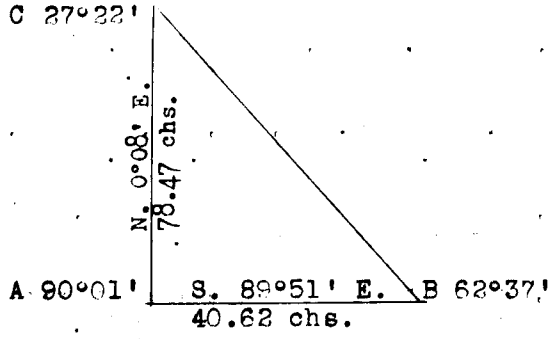
Undergrowth, sage and black brush, cacti, amole plants, yucca, mountain rush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°51' E., on random line, bet. secs. 11 and 14.

21.50 The line to the E. of this point, ascends over the inaccessible face of ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at the cor. secs. 10, 11, 14, and 15, and flag B on line to the E. From A, survey base line AC, N. 0°08' E., 78.47 chs. dist. and erect flag C. From C, line AB subtends an angle of 27°22'. From B, line AC subtends an angle of 62°37'. Vertical angle from A to B, is plus 26°15'. All angles checked by repetition and base line double chained.



Distance by triangulation, 40.62 chs.

40.62 To point B of triangulation; set temp. witness cor. to the ¼ sec. cor.

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Chains	
80.04	Intersect the N. and S. line, 2 lks. N. of the cor. secs. 11, 12, 13, and 14.
	Thence:
	N. 89°50' W., on true line, bet. secs. 11 and 14.
	Ascend abrupt SE. slope of rough mountainous land, throug dense scrub timber and medium dense short undergrowth.
15.00	Spur, 220 ft. above cor., projects S. 40° W.; descend abrupt NW. slope.
22.40	Top of broken sand and lime stone ledges, faces NW. and bears N. 60° E. and S. 80° W.; descend abrupt NW. face of ledges.
29.40	Top of ledgy point, 150 ft. high, projects N., 60 lks. dist. to end.
39.42	At top of nearly vertical ledge, bears N. 10° W. and S. 10° E., 250 ft. below spur; mark a cross (X) on the surface rock, over which.
	Set an iron post, 3 ft. long, 1 in. diam.; in a large mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 11 and 14, with brass cap marked

$$WC\ \tfrac{1}{4}\ \frac{S11}{S14}$$

1936

from which

A pinon, 12 ins. diam., bears N. 30° W., 68 lks. dist., marked WC ¼ S11 BT.

No other suitable bearing tree available.

Thence descend abruptly along face of ledge.

40.02	True point for the ¼ sec. cor. falls on inaccessible face of ledge, where it is impracticable to set a cor.
58.50	Head of draw, 280 ft. below the witness cor. to the ¼ sec. cor., drains NW.; ascend abrupt ledgy NE. slope.
68.00	Spur, 300 ft. above head of draw, projects NW.; descend abrupt ledgy SW. slope.
75.50	Spur, 150 ft. high, projects S. 70° W.; continue abrupt descent over limestone ledges.
80.04	The cor. of secs. 10, 11, 14, and 15, 1335 ft. below the witness cor. to the ¼ sec. cor.
	Land, very rough and mountainous, with a general northwesterly exposure and drainage. Lime and sand stone formation.
	Soil, shallow light colored clay and sand, lying on sand and lime stone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, weeds, and grass.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	S. 0°01' E., bet. secs. 14 and 15.
	Ascend abrupt ledgy NE. slope of rough mountainous land, through scattered scrub timber and short undergrowth.
3.20	Spur, 50 ft. above cor., projects S. 70° W.; descend steep S. slope.
12.00	Rocky gulch, 350 ft. below spur, drains N. 80° W.; ascend abrupt ledgy N. slope.
16.60	Slope changes from an abrupt N. slope to an abrupt NW. slope.
23.00	Spur, 425 ft. above gulch, projects W., 60 lks. dist. to forks of spur projecting SW. and NW.; descend abrupt S. slope.
30.00	Head of draw, drains SW., 1.50 chs. dist., thence southerly; continue descent, along broken W. slope.
40.00	On ledgy W. slope, 540 ft. below spur, mark a cross (X) on the surfacerock, over which:
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S15 | S14 1936
	No suitable bearing trees available.
43.60	Recross draw, 90 ft. below the ¼ sec. cor., drains S. 10°E.; descend gradually along steep E. slope.
52.00	Bottom of large main gulch, 270 ft. below the ¼ sec. cor., drains W.; ascend abrupt N. slope.
63.00	Small branch spur, 155 ft. above draw, projects NW., 3.00 chs. dist. to end; thence ascend steep NW. slope.
70.80	Draw, 80 ft. above spur, drains N. 20° W.; thence ascend abrupt N. slope.
80.00	On abrupt N. slope, 340 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 14, 15, 22, and 23, with brass cap marked T43S | R18W S15 | S14 S22 | S23 1936
	from which
	A pinon, 14 ins. diam., bears N. 23° E., 13 lks. dist., marked T43S R18W S14 BT.
	A pinon, 10 ins. diam., bears S. 66° E., 66 lks. dist., marked T43S R18W S23 BT.
	A pinon, 10 ins. diam., bears S. 27°45' W., 48 lks. dist., marked T43S R18W S22 BT.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains

A pinon, 12 ins. diam., bears N. 11°45' W., 105 lks. dist., marked T43S R18W S15 BT.

Land, broken and mountainous, with a general northwesterly exposure and drainage. Limestone formation.

Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.

Undergrowth, sage, black, and bitter brush, cacti, yucca, amole plants, mountain rush, yellow top, and weeds.

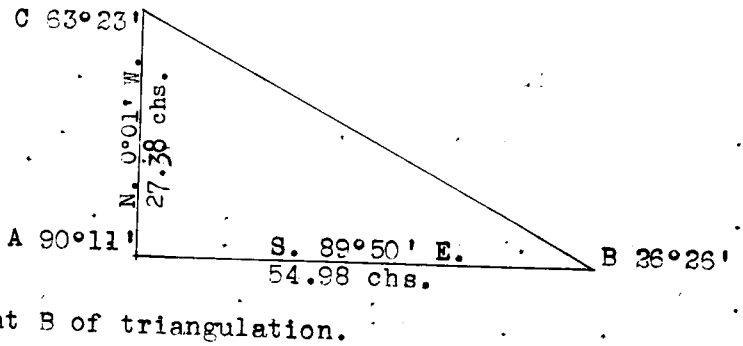
Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°50' E., on random line, bet. secs. 14 and 23.

30.00 Set temp. witness cor. to the ¼ sec. cor. secs. 14 and 23.

The line to the E. of this cor., ascends the inaccessible NW. face of ledges over which I am unable to chain, I therefore determine the distance to the E. as follows. Erect flag A at the cor. of secs. 14, 15, 22, and 23, and flag B on line to the E. from A, survey base line AC, N. 0°01' W., 27.38 chs. dist. From C, line AB subtends an angle of 63°23'. From B, line AC subtends an angle of 26°26'. Vertical angle from A to B is plus 13°. All angles checked by repetition.



54.98. To point B of triangulation.

80.00 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 13, 14, 23, and 24.

Thence:

N. 89°51' W., on true line, bet. secs. 14 and 23.

Ascend abrupt SE. slope of rough broken mountainous land, through medium dense scrub timber and short undergrowth.

25.00 Top of high ledgy ridge, 480 ft. above cor., bears S. 80° W. and N. 80° E.; descend abruptly over inaccessible NW. faces of ledges.

40.00 True point for the ¼ sec. cor. falls on inaccessible face of ledge, where it is impracticable to set a cor.

50.00 On broken NW. face of ledges, 550 ft. below top of ridge, mark a cross (X) on the surface rock, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 14 and 23, with brass cap marked

$\frac{S14}{S23}$ WC

1936

No suitable bearing trees available.

61.00 Head of rocky draw, 400 ft. below the witness cor. to the ¼ sec. cor., drains N.; ascend ledgy NE. slope.

73.00 Spur, 250 ft. above head of draw, projects N. 20° W.; descend ledgy W. slope.

76.00 Draw, 150 ft. below spur, drains N. 10° W.; thence along abrupt ledgy N. slope.

80.00 The cor. secs. 14, 15, 22, and 23, 850 ft. below ridge.

Land, very rough and mountainous, with a general southeasterly and northwesterly exposure and drainage. Limestone formation.

Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.

Undergrowth, sage, black, and bitter brush, mountain rush, yucca, cacti, amole plants, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair early spring and late fall grazing land.

S. 0°01' E., bet. secs. 22 and 23.

Ascend abrupt N. slope of rough ledgy mountainous land, through scattered scrub timber and short undergrowth.

14.70 Top of rocky peak on ridge, 660 ft. above cor., bears N. 80° E. and S. 80° W.; descend abrupt ledgy SE. slope.

34.80 Draw, 680 ft. below ridge, drains W., 5.00 chs. dist., thence SW.; ascend abrupt N. slope.

38.90 Top of rocky point on spur, 190 ft. above draw, projects S. 60° W., and bears SE.; descend abrupt SW. slope.

40.00 On abrupt SW. slope, 50 ft. below spur, mark a cross (X) on the surface rock, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S22 | S23

1936

from which

A pinon, 12 ins. diam., bears S. 49°30' E., 109 lks. dist., marked ¼ S23 BT.

No other bearing tree available.

80.80 Spur, 220 ft. below the ¼ sec. cor., projects S. 80° W.; continue descent over SW. slope.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
66.20	Rocky draw, 660 ft. below spur, drains W.; ascend gradually along ledgy W. slope.
73.00	Low saddle in spur, 25 ft. above draw, projects S. 70° W.; descend abrupt S. slope.
76.50	Recross draw, 220 ft. below spur, drains SE., 4.00 chs. dist., thence S.; ascend along steep ledgy E. slope.
80.00	On ledgy E. slope, 100 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top for cor. secs. 22, 23, 26, and 27, with brass cap marked

T43S | R18W
S22 | S23
S27 | S26

1936

alongside
of post, deposit a limestone, 10 x 10 x 8 ins., marked X.

Land, very rough and mountainous, with a general westerly exposure and drainage. Limestone formation.

Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.

Undergrowth, sage, black, and bitter brush, mountain rush, yucca, cacti, amole plants, yellow top, and grass.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

S. 89°51' E., on random line, bet. secs. 23 and 26.

40.00	Set temp. ¼ sec. cor.
80.12	Intersect the N. and S. line, 9 lks. N. of the cor. secs. 23, 24, 25, and 26.

Thence:

N. 89°47' W., on true line, bet. secs. 23 and 26.

Descend steep W. slope of rough mountainous land, through dense short undergrowth.

1.50	Junction of draws, 80 ft. below cor., drains S., 1.50 chs. dist., thence S. 60° W., from the NE. and NW.; ascend steep E. slope.
14.80	Spur, 380 ft. above junction of draws, projects S.; descend steep SW. slope.
25.50	Draw, 190 ft. below spur, drains S., 7.00 chs. dist., thence S. 60° W., and heads N., about 10.00 chs. dist.; ascend steep SE. slope.
30.50	Spur, 165 ft. above draw, projects S. 5° W.; descend steep ledgy SW. slope.
35.20	Draw, 255 ft. below spur, drains S. 20° W., 4.00 chs. dist., thence S. 70° W.; ascend steep ledgy SE. slope,

U. S. GOVERNMENT PRINTING OFFICE

Chains	
37.20	Spur, 20 ft. above draw, projects S. 20° W.; descend steep SW. slope.
39.70	On steep SW. slope, 55 ft. below spur,
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 23 and 26, with brass cap marked
	WC ¼ S23 / S26
	1936
	alongside of post, deposit a limestone, 12 x 8 x 4 ins., marked X.
40.06	True point for the ¼ sec. cor. falls in bottom of draw, 70 ft. below spur, drains SW., where it is impracticable to set a cor. Ascend steep SE. slope.
43.50	Spur, 45 ft. above draw, projects S. 30° W., 1.50 chs. dist. to low saddle in spur; descend steep W. slope.
55.00	Draw, 375 ft. below spur, drains SW.; ascend steep SE. slope.
68.00	Spur, 150 ft. above draw, projects S. 30° W.; descend steep W. slope.
75.00	Draw, 200 ft. below spur, drains S. 10° W.; ascend steep ledgy E. slope.
80.12	The cor. secs. 22, 23, 26, and 27, 70 ft. above draw.
	Land, very rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	No timber.
	Fair late fall and early spring grazing land.
	S. 0°01' E., bet. secs. 26 and 27.
	Descend gradually along steep ledgy E. slope of rough mountainous land, through scattered short undergrowth.
5.80	Spur, 50 ft. below cor., projects E., 5.00 chs. dist. to end; descend steep S. slope.
11.80	Draw, 230 ft. below spur, drains SW.; ascend steep NW. slope.
13.20	Spur, 30 ft. above draw, projects S. 80° W., 2.00 chs. to end; descend steep S. slope.
16.60	Recross draw, 10 ft. below spur, drains SE., 2.00 chs. dist., thence S. 20° W.; ascend gradual NE. slope.
18.10	Spur, 60 ft. above draw, projects E., 1.00 chs. dist. to end; descend steep SE. slope.

U. S. GOVERNMENT PRINTING OFFICE 8—8155

Chains	
21.00	Recross draw, 60 ft. below spur, drains S. 20° W.; ascend steep NW. slope.
40.00	Near top of spur, 300 ft. above draw, mark a cross (X) on the surface rock, over which:
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S27 | S26 1936
40.80	Low saddle in spur, 10 ft. above the ¼ sec. cor., projects SW.; descend steep SE. slope.
50.40	Head of draw, 205 ft. below spur, drains S. 30° E.; descen gradually along broken E. slope.
59.90	Low spur, 80 ft. below head of draw, projects SE., 4.00 chs. dist. to end; descend gradual SW. slope.
70.40	Wash, 40 lks. wide, 3 ft. deep, in bottom of wide main draw, 165 ft. below spur, drains W.; ascend gradual S. slo
71.70	Old emigrant road, bears E. and W.
75.60	Begin abrupt ascent over general NW. slope, bears NE. and SW.
80.00	On steep NW. slope, 50 ft. above wash.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for cor. secs. 26, 27, 34, and 35, with brass cap marked T43S | R18W S27 | S26 S34 | S35 1936
	post, deposit a limestone, 10 x 10 x 8 ins., alongside of marked X.
	Land, rough and mountainous, with a general southwesterly and northwesterly exposure and drainage. Limestone formati
	Soil, shallow light colored clay with a rocky surface, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, rabbit, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	No timber.
	Fair late fall and early spring grazing land.
	S. 89°47' E., on random line, bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the N. and S. line, 9.1lks. N. of the true point for the cor. of secs. 25, 26, 35, and 36, which is N. 0°01 10 lks. dist. from the witness cor. to the cor. of said se

Chains	
	Thence, from the true point for cor.
	N. 89°43' W., on true line, bet. secs. 26 and 35.
	Descend gradually over rolling NW. slope of mountainous land, through dense short undergrowth.
27.50	Draw, 335 ft. below cor., drains NW.; ascend gradual NE. slope.
33.30	Spur, 20 ft. above draw, projects NW.; descend gradually over general NW. slope.
39.96	On general NW. slope, 50 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S26 / S35 1936 alongside of post, deposit a limestone, 12 x 12 x 10 ins., marked X.
50.80	Small draw, 90 ft. below the ¼ sec. cor., drains NW.; ascend gradual NE. slope.
63.20	Spur, 30 ft. above draw, projects NW.; descend gradual SW. slope.
71.80	Draw, 30 ft. below spur, drains NW.; ascend gradually.
79.92	The cor. of secs. 26, 27, 34, and 35, 30 ft. above draw.
	Land, rolling and mountainous, with a general northwesterly exposure and drainage. Limestone formation.
	Soil, shallow sand and clay, with a rocky surface, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, rabbit, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, weeds, and tall joshua trees.
	No timber.
	Fair late fall and early spring grazing land.
	S. 0°01' E., on true line, bet. secs. 34 and 35.
	Ascend gradually over general NW. slope of rough mountainous land, through scattered scrub timber and dense short undergrowth.
14.90	Wash, 150 lks. wide, 30 ft. deep, drains NW.
22.70	Spur, 170 ft. above cor., projects N. 60° W.; descend steep S. slope.
27.50	Draw, 40 ft. below spur, drains N. 60° W.; ascend steep NE. slope.
40.00	On abrupt NE. slope, 180 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the

Chains

ground to solid rock and in a large mound of stone for ¼ sec. cor., with brass cap marked

¼

S34 | S35

1936

from which

A pinon, 14 ins. diam., bears S. 21° E., 148 lks. dist., marked ¼ S35 BT.

A pinon, 10 ins. diam., bears S. 27°30' W., 156 lks. dist., marked ¼ S34 BT.

46.24 Intersect the Utah-Arizona State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in ground to solid rock and in a large mound of stone to top for closing cor. secs. 34 and 35, with brass cap marked

T43S R18W

C | C

S34 | S35

ARIZ

1936

from which

A pinon, 12 ins. diam., bears N. 25°30' E., 107 lks. dist., marked T43S R18W S35 CC BT.

A pinon, 12 ins. diam., bears N. 25° W., 22 lks. dist., marked T43S R18W S34 CC BT.

From this cor., the closing cor. secs. 31 and 32, T. 42 S., R. 14 W., Gila and Salt River Meridian, Arizona, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record, bears West, 13.90 chs. dist.

From same cor., the 11th mile post of the Utah-Arizona State Boundary, bears West, 31.78 chs. dist. Mile post is a limestone, 14 x 12 x 10 ins. above ground, firmly set, marked UTAH on N. face, ARIZ on S. face, and 11M on W. face and witnessed by a large mound of stone to the E. of the cor. monument.

Land, broken and mountainous, with a general northwesterly exposure and drainage. Limestone formation.

Soil, shallow loose sand and clay, with a rocky surface, lying on limestone bedrock; 6th rate.

Undergrowth, sage, black, rabbit, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weed

No timber.

Fair late fall and early spring grazing land.

From the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township; an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 42 S., R. 18 W., of this group.

S. 0°02' E., bet. secs. 3 and 4.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Descend gradual S. slope of broken mountainous land, through dense short undergrowth.
1.75	U.S. Highway No. 91, bears S. 80° W. and E.
5.40	Bottom of large main draw, 70 ft. below cor., drains S. 70° W.; ascend gradual N. slope.
9.60	Small rise, 30 ft, above draw, slopes W. and bears E.; descend gradual SW. slope.
19.60	Draw, 30 ft. below rise, drains N. 30° W.; ascend gradual NW. slope,
30.60	Spur, 85 ft. above draw, slopes W.; descend gradual SW. slope.
32.80	Small draw, 20 ft. below spur, drains W.; ascend gradual N. slope.
37.50	Spur, 90 ft. above draw, projects W.; descend gradual S. slope.
40.00	On gradual S. slope, 30 ft. below spur,
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S4 | S3 1936 alongside of post, deposit a limestone, 9 x 9 x 7 ins., marked X.
48.65	Telephone line, bears N. 60° E. and S. 60° W.
53.50	Gulch, 80 ft. below the ¼ sec. cor., drains NW.; enter scattered timber, bears NW. and SE.; ascend abrupt NE. slope.
57.10	Base of limestone ledge, 20 ft. high, bears NW. and SE.
67.50	Ridge, 525 ft. above gulch, bears E., and W. 2.00 chs. dist., thence SW.; descend steep SE. slope.
80.00	On steep SE. slope, 320 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 3, 4, 9, and 10, with brass cap marked T43S | R18W S4 | S3 S9 | S10 1936 alongside of post, deposit a limestone, 10 x 10 x 8 ins., marked X.
	Land, broken and mountainous, with a general westerly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, with a rocky surface, lying on limestone bedrock; 4th rate.

Chains	
	Undergrowth, sage, black, and bitter brush, amole plant cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair early spring and late fall grazing land.
	S. 89°56' E., on random line, bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect the N. and S. line, 19 lks. S. of the cor. secs 2, 3, 10, and 11.
	Thence:
	S. 89°56' W., on true line, bet. secs. 3 and 10.
	Descend steep N. and NW. slopes of rough mountainous land through scattered scrub timber and dense short undergrowt
11.00	Bottom of deep main draw, 100 ft. below cor., drains S., about 7.00 chs. dist., thence SW.; ascend gradual E. slop
15.50	Spur, 100 ft. above draw, slopes S.; descend gradual W. slope.
20.00	Draw, 60 ft. below spur, drains SW.; ascend gradual SE. slope.
24.50	Small spur, 40 ft. above draw, slopes S.; descend gradual SW. slope.
26.90	Small draw, 60 ft. below spur, drains S., about 7.00 chs. dist. to main draw, draining SW.; ascend gradual SE. slop
34.50	Spur, 90 ft. above draw, projects S. 20° E.; descend stee SW. slope.
36.10	Draw, 40 ft. below spur, drains S. 20° E.; ascend gradual along broken S. slope.
40.07	On broken S. slope, 130 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked ¼ S3 / S10 1936 of post, deposit a limestone, 10 x 10 x 6 ins., marked X. alongside
	No bearing trees available.
40.40	Spur, 10 ft. above the ¼ sec. cor., projects S. 20° E.; descend gradual SW. slope.
52.50	Draw, 190 ft. below spur, drains SW., about 8.00 chs. dist. to main draw draining southwesterly; ascend gradual SE. slope.
55.30	Draw, drains S., 1.00 chs. dist. to junction with last draw.

Chains	
64.30	Small spur, projects S. 15° E.; continue ascent over SE. slope.
74.30	Spur, 320 ft. above draw, projects S. 15° E.; descend abrupt W. slope.
78.50	Draw, 110 ft. below spur, drains S. 10° E.; ascend steep E. slope.
80.14	The cor. secs. 3, 4, 9, and 10, 110 ft. above draw.
	Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, black, sage, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	S. 0°02' E., bet. secs. 9 and 10.
	Descend abrupt SE. slope of broken mountainous land, through scattered scrub timber and dense short undergrowth.
19.70	Bottom of wide main draw, 440 ft. below cor., drains S. 80° W., 1.00 chs. dist., thence SW.; ascend steep broken NW. slope.
34.30	Spur, 360 ft. above draw, projects S. 70° W.; descend steep S. slope.
40.00	On steep S. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S9 | S10 1936
	from which
	A pinon, 8 ins. diam., bears S. 21°15' E., 320 lks. dist., marked ¼ S10 BT.
	No other bearing tree available.
44.70	Large draw, 130 ft. below the ¼ sec. cor., drains S.60° W.; ascend steep N. slope.
58.00	Spur, 250 ft. above draw, projects S. 60° W., about 17.00 chs. dist. to end; descend gradual SE. slope.
61.20	Wide draw, 30 ft. below spur, drains W.; ascend gradual N. slope.
64.80	Low spur, at forks, 40 ft. above draw, projects S. and W., and bears E.; descend gradually along top of fork of spur.
72.50	Leave top of fork of spur, projects S. 30° W.; descend rocky broken E. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
80.00	On ledgy E. slope, 185 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in ground to solid rock and in a large mound of stone to t for cor. secs. 9, 10, 15, and 16, with brass cap marked

T43S	R18W
S9	S10
S16	S15

1936

from which

A juniper, 8 ins. diam., bears S. 52°15' E., 185 lks. dist., marked T43S R18W S15 BT.

No other suitable bearing trees available.

Land, broken and mountainous, with a general westerly and southwesterly exposure and drainage. Limestone formation.

Soil, shallow light colored clay lying on limestone bed-rock; 4th rate.

Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair late fall and early spring grazing land.

N. 89°58' E., on random line, bet. secs. 10 and 15.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect the N. and S. line, 14 lks, N. of the cor. secs. 10, 11, 14, and 15.

Thence:

N. 89°58' W., on true line, bet. secs. 10 and 15.

Ascend broken SE. slope of rough mountainous land, through very scattered scrub timber and dense short undergrowth.

4.00 Spur, 70 ft. above cor., slopes SW. and bears N.; descend steep SW. slope.

28.00 Bottom of large main draw, 490 ft. below spur, drains S. 30° W.; ascend gradual SE. slope.

31.70 Low sloping spur, 55 ft. above draw, slopes S., about 8.00 chs. dist. to draw; descend gradual SW. slope.

35.00 Small draw, 40 ft. below spur, drains S. 10° W., about 11.00 chs. dist. to junction with main draw, and heads N., about 5.00 chs. dist.; ascend steep SE. slope.

40.01 On steep SE. slope, 90 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to to for ¼ sec. cor., with brass cap marked

¼ S10 / S15

1936

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Alongside of post, deposit a limestone, 10 x 10 x 6 ins., marked X.
	No suitable bearing trees available.
42.40	High point on spur, 65 ft. above the ¼ sec. cor., projects S. 60° W.; descend steep NW. slope.
49.50	Branch spur, slopes NW., about 8.00 chs. dist. to end, and bears SE., about 3.00 chs. dist. to last spur; descend SW. slope.
55.50	Draw, 380 ft. below high point on spur, drains NW., about 9.00 chs. dist. to junction with large draw draining southwesterly; ascend NE. slope.
60.50	Top of spur, projects W. from the SE.; thence ascend gradually along top of spur.
64.50	Top of high point on spur, 160 ft. above draw, projects NW. and bears E.; descend general NW. slope.
79.20	Bottom of large draw, 400 ft. below top of high point on spur, drains S., 3.00 chs. dist., thence SW.; ascend steep E. slope.
80.02	The cor. secs. 9, 10, 15, and 16, 25 ft. above draw.
	Land, rough and mountainous, with a general southwesterly and northwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	S. 0°02' E., bet. secs. 15 and 16.
	Descend abrupt E. slope of rough mountainous land, through very scattered scrub timber and dense short undergrowth.
3.20	Large draw, 40 ft. below cor., drains SW.; ascend gradual NW. slope.
7.70	Spur, 45 ft. above draw, slopes S. 60° W., about 5.00 chs. dist. to end; descend gradual SE. slope.
11.50	Wide draw, 80 ft. below spur, drains W.; ascend gradual N. slope.
16.80	Spur, 60 ft. above draw, slopes W., 4.00 chs. dist. to end; descend gradual SE. slope.
21.20	Small draw, 20 ft. below spur, drains SW., and heads E., about 5.00 chs. dist.; ascend gradual N. slope.
32.20	Spur, 75 ft. above draw, slopes W., about 10.00 chs. dist. to end; descend gradually along a broken E. slope.
40.00	On broken E. slope, 20 ft. below spur.

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Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked ¼ S16 | S15 1936 alongside of post, deposit a limestone, 8 x 8 x 6 ins., marked X.
47.50	Large draw, 120 ft. below the ¼ sec. cor., drains SW.; ascend gradual NW. slope.
55.50	Spur, 60 ft. above draw, slopes SW.; descend gradual SE. slope.
63.30	Draw, 100 ft. below spur, drains SW.; thence over bottom lands of draw.
69.40	Large draw, drains S. 60° W.; ascend gradual NW. slope.
75.60	Low spur, 60 ft. above large draw, slopes W.; descend broken SW. slope.
80.00	On ledgy SW. slope, 70 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for cor. secs. 15, 16, 21, and 22, with brass cap marked T43S | R18W S16 | S15 S21 | S22 1936 alongside of post, deposit a limestone, 10 x 8 x 8 ins., marked X.
	Land, broken and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	Timber, a few scattered scrub juniper and pinon.
	Fair late fall and early spring grazing land.
	S. 89°58' E., on random line, bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 14, 15, 22, and 23.
	Thence:
	S. 89°59' W., on true line, bet. secs. 15 and 22.
	Ascend abrupt NE. slope of rough mountainous land, through scattered timber and dense short undergrowth.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
4.50	High point on rocky spur, 175 ft. above cor., projects N. 30° W.; descend steep rocky SW. slope.
23.00	Deep boxed gulch, 800 ft. below spur, drains NW.
26.30	Draw, drains NE., 1.50 chs. dist. to junction with gulch, ascend steep ledgy NE. slope.
32.00	Top of high point on spur, 120 ft. above gulch, projects NW.; descend steep SW. slope.
38.40	Small ravine, 290 ft. below spur, drains NW.; ascend NE. slope.
40.04	On broken NE. slope, 30 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S15 / S22 1936 from which
	A juniper, 8 ins. diam., bears S. 15°30' W., 11 lks. dist., marked ¼ S22 BT.
	A juniper, 8 ins. diam., bears N. 42° W., 107 lks. dist., marked ¼ S15 BT.
42.40	Spur, 30 ft. above the ¼ sec. cor., slopes N. 60° W.; descend gradual SW. slope.
48.20	Large draw, 160 ft. below spur, drains N. 60° W., 10.00 chs. dist., to junction with large draw draining southwesterly; ascend gradual NE. slope.
56.00	Small spur, 140 ft. above draw, slopes N. 60° W., 5.00 chs. dist. to end; descend gradual SW. slope.
62.20	Draw, 40 ft. below spur, drains NW., 2.00 chs. dist. to junction with large draw; descend gradually over general N. slope.
65.70	Enter bottom land of large draw, bears NW. and SE.
68.70	Bottom of large draw, drains SW., about 5.00 chs. dist., thence W.; continue along bottom lands of canyon.
80.08	The cor. of secs. 15, 16, 21, and 22.
	Land, broken and mountainous, with a general westerly and northwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	Timber, scrub juniper and pinon.
	Fair late fall and early spring grazing land.

U. S. GOVERNMENT PRINTING OFFICE 16—8155

Chains	
	S. 0°02' E., bet. secs. 21 and 22.
	Descend abrupt ledgy SW. slope of rough mountainous land through medium dense short undergrowth.
1.90	Bottom of large main draw, 50 ft. below cor., drains W., about 10.00 chs. dist., thence southerly; ascend steep W. slope.
5.10	Point of spur, 55 ft. above draw, slopes W.; descend gradual SW. slope.
13.50	Draw, 140 ft. below spur, drains W.; ascend gradual NE. slope.
15.90	Spur, 60 ft. above draw, slopes NW. and bears NE.; descend abrupt SW. slope.
20.60	Draw, 90 ft. below spur, drains W.; ascend gradual NW. slope.
26.40	Spur, 120 ft. above draw, projects S. 60° W., 3.50 chs. dist. to rocky point, thence SW., 4.50 chs. dist. to end; descend gradual SE. slope.
33.80	Bottom of deep narrow draw, 140 ft. below spur, drains W. ascend abrupt N. slope.
35.50	Spur, 50 ft. above draw, slopes SW., about 18.00 chs. dist. to rocky peak; descend gradual SW. slope.
40.00	On gradual SW. slope, 120 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S21 | S22 1936 of cor., deposit a limestone, 9 x 8 x 8 ins., alongside marked X.
	From this cor., a prospect hole, bears S. 69°35' W., 6.70 chs. dist.
59.20	Top of the NE. rim of wide main draw, bears NW. and SE.; descend abruptly over broken SW. slope.
80.00	Near bottom of large main draw, 260 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. 21, 22, 27, and 28, with brass cap marked T43S | R18W S21 | S22 S28 | S27 1936 mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a
	Land, broken and mountainous, with a general southwesterly exposure and drainage. Limestone formation.

Chains	
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	No timber.
	Fair early spring and late fall grazing land.
	N. 89°59' E., on random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect the N. and S. line, 14 lks. N. of the cor. secs. 22, 23, 26, and 27.
	Thence:
	N. 89°55' W., on true line, bet. secs. 22 and 27.
	Ascend steep ledgy NE. slope of rough mountainous land, through dense short undergrowth.
8.20	Top of high rocky spur, 175 ft. above cor., projects SE.; descend gradual SW. slope.
13.90	Large gulch, 160 ft. below spur, drains S.; thence along broken S. slope.
20.60	Branch gulch, drains S. 15° E., about 6.00 chs. dist. to junction with last gulch.
25.30	Top of long rise, 120 ft. above gulch, slopes S. and bears N.; descend gradually along S. slope.
30.30	Gulch, 100 ft. below rise, drains S.; ascend gradual SE. slope.
33.40	High rocky spur, 50 ft. above gulch, slopes S.; descend steep W. slope.
40.09	On steep W. slope of surfacerock, 140 ft. below spur, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S22 / S27 1936 from which
	A point on a limestone outcropping, marked X BC, bears N. 45° E., 14½ lks. dist.
	A point on a limestone outcropping, marked X ¼ S27, bears S. 60° E., 19½ lks. dist.
42.00	Boxed gulch, 90 ft. deep, drains S. 30° W.
45.40	Top of rocky rise, 100 ft. above gulch, slopes S. 15° W.; descend SW. slope.
50.50	Draw, 170 ft. below rise, drains S.; ascend abrupt SE. slope.

Chains	
52.40	Spur, 50 ft. above draw, slopes S.; descend gradually along S. slope.
66.50	Base of mountainous land, bears NW. and SE.; thence over bottom lands of large main draw.
67.20	Mouth of large gulch, drains S. 20° W., about 8.00 chs. dist. to junction with main draw draining northwesterly
80.18	The cor. of secs. 21, 22, 27, and 28, 440 ft. below spur
	Land, broken and mountainous, with a general southwester exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	No timber.
	Fair late fall and early spring grazing land.
	S. 0°02' E., bet. secs. 27 and 28.
	Over bottom lands of a large main draw, through dense short undergrowth.
0.35	Old emigrant road, bears NW. and SE.
0.80	Bottom of large main draw, drains NW.
4.80	Base of broken ledges on S. side of large draw, bears NW. and SE.; ascend gradual NE. slope.
38.50	Head of small draw, drains NE.; continue ascent over NE. slope.
39.90	Flat top of spur, 175 ft. above sec. cor., slopes E., 4.00 chs. dist., thence NE.; continue ascent over general NE. slope.
40.00	On NE. slope, 180 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S28 | S27 1936
	of post, deposit a limestone, 10 x 8 x 6 ins., marked X, alongside
40.30	Small draw, drains NE.
47.80	Head of small draw, drains NE.
52.50	Small rise, slopes NE.; continue ascent over general NE. slope.
57.40	Head of small draw, drains NE.
61.70	Top of long spur, slopes NE.; continue ascent over NE. slope.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
66.30	Head of draw, drains NE.
70.40	Top of ridge, 430 ft. above the ¼ sec. cor., bears S. 20° E., about 8.00 chs. dist. thence SE., and NW., about 8.00 chs. dist., thence westerly; descend gradual S. slope.
80.00	On gradual S. slope, 60 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 27, 28, 33, and 34, with brass cap marked
	T43S | R18W S28 | S27 S33 | S34 1936
	raise a mound of stone, 6 ft. base, 5 ft. high, W. of cor.
	Land, rolling and mountainous, with a general northeasterly and southerly exposure and drainage. Limestone formation.
	Soil, shallow loose sand and a light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	No timber.
	Fair late fall and early spring grazing land.
	S. 89°55' E., on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect the N. and S. line, 7 lks. S. of the cor. secs, 26, 27, 34, and 35.
	Thence:
	N. 89°58' W., on true line, bet. secs. 27 and 34.
	Over general N. slope of rolling land, through dense short undergrowth.
6.20	Low spur, slopes N., 3.00 chs. dist. to end.
10.30	Wide draw, drains NW.
14.00	Top of low flat spur, slopes NW.
18.00	Shallow draw, drains NW.
37.00	Large wide draw, drains N.
40.07	On gradual NE. slope, 60 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S27 / S34 1936

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	Raise a mound of stone, 4 ft. base, 3 ft. high, N. of c
47.20	Low spur, slopes NE., 2.50 chs. dist. to end.
59.40	Low spur, slopes N. 60° E.
65.20	Small draw, drains N., 5.00 chs. dist., thence NW.
69.60	Small spur, projects N. 30° E.
71.00	Ridge, 300 ft. above the ¼ sec. cor., bears SE. and NW.; descend gradually along SW. and S. slopes.
80.14	The cor. secs. 27, 28, 33, and 34, 40 ft. below top of ridge.
	Land, low rolling hills, with a general northeasterly and northwesterly exposure and drainage. Limestone formation.
	Soil, shallow loose sand and light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, black, sage, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top, and weeds.
	No timber.
	Fair late fall and early spring grazing land.
	S. 0°02' E., bet. secs. 33 and 34.
	Descend abruptly over broken SW. slope of mountainous land, through dense short undergrowth.
2.30	Head of small ravine, drains S. 30° W.
14.80	Bottom of large ravine, 380 ft. below cor., drains S. 60° W.
16.00	Draw, drains W., 1.50 chs. dist. to junction with last ravine; ascend steep NW. slope.
23.80	Spur, 80 ft. above ravine, projects S. 60° W.; descend steep rocky SE. slope.
30.60	Gulch, 260 ft. below spur, drains S. from the NE.; thence along bottom of gulch.
33.10	Junction of gulches, drains S. 30° W. from the N. and NE., descend gradually along general SW. slope.
39.60	Low spur, projects S. 80° W., 3.50 chs. dist. to end.
40.00	On rocky SW. slope, 30 ft. below gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S33 | S34 1936
	alongside of post, deposit a limestone, 10 x 9 x 8 ins., marked X.

Chains	
41.60	Ravine at base of descent, 60 ft. below the ¼ sec. cor., drains W.; ascend steep rocky NE. slope.
45.00	Spur, 50 ft. above ravine, slopes N. 70° W., about 5.50 chs. dist. to end.
46.33	Intersect the Utah-Arizona State Boundary.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for closing cor. secs. 33 and 34, with brass cap marked

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alongside of post, deposit a limestone, 10 x 10 x 6 ins., marked X. From this cor., the closing cor. of secs. 31 and 36, T. 42 N., Rs. 14 and 15 W., Gila and Salt River Meridian, Arizona, which is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record, bears West, 12.03 chs. dist.

From same cor., the 10.184 mile post of the Utah-Arizona State Boundary, bears West, 17.33 chs. dist. Mile post is a limestone, 18 x 18 x 10 ins. above ground, firmly set, marked UTAH on N. face, 10.184M on W. face, and ARIZ on S. face, and witnessed by a large mound of stone to the E. of the cor. monument.

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

Soil, shallow loose sand and light colored clay, lying on limestone bedrock; 4th rate.

Undergrowth, black, sage, and bitter brush, mountain rush, amole plants, yucca, cacti, yellow top, and weeds.

No timber.

Fair winter grazing land.

From the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 42 S., R. 18 W.; of this group.

S. 0°03' E., bet. secs. 4 and 5.

Descend gradual SE. slope of rolling mountainous land, through dense short undergrowth.

7.00	Draw, 65 ft. below cor., drains SW.; descend gradually along gradual W. slope.
11.60	Spur, 100 ft. below cor., projects SW., 3.00 chs. dist. to end; descend gradual SE. slope.
14.30	Draw, 40 ft. below spur, drains W., 4.00 chs. dist. to junction with last draw; ascend abrupt N. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
33.80	Spur, 350 ft. above draw, projects NW.; thence ascend gradual NW. slope.
31.30	Spur, 50 ft. above last spur, projects S. 60° W.; descend gradual SE. slope.
33.40	Slope changes from a gradual SE. slope to an abrupt S. slope.
40.00	On an abrupt S. slope, 245 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked ¼ S5 | S4 1936 alongside of post, deposit a limestone, 8 x 8 x 6 ins., marked X.
59.30	Castle Cliff Wash, 345 ft. below spur, drains SW. At a point 50 lks. E. of line, is a concrete bridge across wash, on U.S. Highway No. 91.
61.00	The center of U.S. Highway No. 91, bears N. 74°28' E., and S. 74°28' W.; ascend abrupt N. slope.
71.20	Ascent becomes more abrupt, bears E. and W.
80.00	On abrupt N. slope at base of limestone ledges, bearing E. and W., 320 ft. above wash.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 4, 5, 8, and 9, with brass cap marked T43S R18W S5 | S4 S8 | S9 1936 alongside of post, deposit a limestone, 10 x 9 x 8 ins., marked X.
	Land, broken and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, black and sage brush, amole plants, yucca, cacti, mountain rush, yellow top, and tall joshua trees.
	No timber.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 3, 4, 9, and 10.
	Thence:

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	N.89°59'W., on true line, bet. secs. 4 and 9.
	Ascend abrupt, broken SE. slope of mountainous land, through very scattered timber and dense, short undergrowth.
2.20	Spur, projects S.; thence ascend gradually along an abrupt S. slope of ridge.
10.40	Ridge, 170 ft. above cor., bears NE. and SW.; descend an abrupt, rocky NW. slope.
18.00	Telephone line, bears NE. and SW.
24.30	Descent becomes more gradual, bears NE. and SW.
33.60	Draw, 750 ft. below ridge, drains NW.; thence along a gradual N. slope.
40.00	On gradual N. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S 4 / S 9 / 1936 from which
	A juniper, 10 ins. diam., bears S.1°15'W., 31 links dist., marked ¼ S9 BT
	A juniper, 10 ins. diam., bears N.45°45'W., 115 links dist., marked ¼ S4 BT
55.20	Leave timber and begin an abrupt ascent over NE. slope of a ledgy point, bears NE & SW.
59.20	Top of the N. point of a limestone ledge, 200 ft. above the ¼ sec. cor.; descend abrupt NW. slope of ledgy point.
69.90	Draw, near head, 70 ft. below ledgy point, drains N.; thence ascend gradually along ledgy N. slope.
80.00	The cor. secs. 4, 5, 8, and 9, 40 ft. above draw.
	Land, rough and mountainous, with a general northwesterly and southeasterly exposure and drainage. Limestone formation.
	Soil, shallow, light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, black, sage, and bitter brush, amole plants, cacti, yucca, mountain rush, yellow top and weeds.
	Timber, scrub juniper and pinon on E. portion of mile.
	Fair winter grazing land.
	S.0°03'E., bet. secs. 8 and 9.
	Ascend abrupt N. face of limestone ledges.
0.40	Top of ledges, 50 ft. above cor., bears E. and W.; thence ascend abrupt, broken N. slope of mountainous land, through dense, short undergrowth.
11.20	Spur, 330 ft. above cor., projects N.75°W.; descend SW. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—6155

Chains	
15.80	Draw, 80 ft. below spur, drains S.89°E.; ...
19.10	Spur, 80 ft. above draw, projects W.; ... and SW. slope.
23.10	Draw, 85 ft. below spur, drains W.; ascend NW. slope.
28.10	Spur, 120 ft. above draw, projects W.; descend SW. slope.
30.70	Draw, 40 ft. below spur, drains W.; ascend along W. slope.
40.00	On W. slope of surface rock, 110 ft. above draw, mark a cross (X), over which
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, over cross (X), on solid rock, and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S8 | S9 1936
	No accessories available. Corner stands on W. slope.
40.50	Spur, 10 ft. above the ¼ sec. cor., projects W.; descend gradually.
44.50	Small spur, projects SW.; descend abrupt S. slope.
52.10	Spur, projects S.15°E.; thence descend abruptly over SW. slope.
80.00	On broken land, 660 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. secs. 8, 9, 16, and 17, with brass cap marked
	T43S R18W S8 | S9 S17 | S16 1936
	of post, deposit a limestone, 10x9x9 ins. alongside. marked X.
	Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow, light colored clay, lying on limestone bedrock; 4th rate.
	Undergrowth, black sage and bitter brush, smole plants, yucca, cacti, mountain rush, yellow top and weeds.
	No timber.
	Fair winter grazing land.
	S.89°59'E., on random line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 12 links N. of the cor. secs. 9. 10, 15, and 16.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Thence:
	N. 89°54' W., on true line, bet. secs. 9 and 16.
	Ascend abrupt SE. slope of broken mountainous land, through dense short undergrowth.
2.90	Spur, 50 ft. above cor., projects SW.; descend abrupt SW. slope.
20.20	Small spur, projects S. 10° W.; continue descent over SW. slope.
23.40	Draw, 220 ft. below the spur at the 2.90 chs. point, drains S. 10° W.; ascend abrupt SE. slope.
29.30	Spur, 160 ft. above draw, projects S.; descend gradual SW. slope.
40.00	On broken land, 120 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S9 / S16 1936 deposit a limestone, 10 x 8 x 6 ins., at base of post, marked X.
44.60	Slope changes from a gradual SW. slope to a gradual SE. slope.
52.20	Telephone line, bears NE. and SW.
55.90	Spur, projects SW.; thence descend gradual NW. slope.
60.60	Bottom of large main draw, 130 ft. below the ¼ sec. cor., drains S. 10° W.; ascend gradual NE. slope.
62.20	Small spur, projects S.; continue ascent.
80.00	The cor. secs. 8, 9, 16, and 17, 210 ft. above draw.
	Land, rough and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow clay and gravel; 4th rate.
	Undergrowth, black, sage, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., bet. secs. 16 and 17.
	Ascend gradual N. slope of broken mountainous land, through dense short undergrowth.
8.40	Spur, 120 ft. above cor., projects W.; descend rocky S. slope.

U. S. GOVERNMENT PRINTING OFFICE 8—8168

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
10.30	Descent becomes abrupt, bears E. and W.
17.10	Small draw, 130 ft. below spur, drains E.; ascend gradual N. slope.
24.00	Top of ascent, bears E. and W., 30 ft. above draw, thence descend gradually along E. slope.
30.30	Slope changes from a gradual E. slope to a gradual S. slope.
35.80	Draw, 200 ft. below top of ascent, drains E.; ascend gradual NE. slope.
40.00	On top of spur, 20 ft. above draw, projects E.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S17 | S16 1936 deposit a limestone, 9 x 9 x 6 ins., at base of post, marked X.
	Thence descend gradual SE. slope.
65.00	Bottom of large main draw, 250 ft. below the ¼ sec. cor., drains S. 70° W.; thence over rolling land.
71.30	Unimproved road, bears NE. and SW.
80.00	In small water course, drains S. 60° W.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 16, 17, 20, and 21, with brass cap marked T43S | R18W S17 | S16 S20 | S21 1936 deposit a limestone, 8 x 8 x 6 ins., at base of post, marked X.
	Land, broken and rolling, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow clay, gravel, and rock; 4th rate.
	Undergrowth, black, sage, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°54' E., on random line, bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.

Chains	
79.94	Intersect the N. and S. line, 14 lks. S. of the cor. secs. 15, 16, 21, and 22.
	Thence:
	West, on true line, bet. secs. 16 and 21.
	Over rolling and broken mountainous land, through dense short undergrowth.
11.50	Bottom of wide wash in large shallow draw, drains SW.
18.90	Small spur, projects SW.
22.80	Head of small draw, drains SW.
30.80	Top of low rise, bears N. and S.
39.97	At head of small swale, drains SW., 220 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked S16 ¼ S21 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
77.40	Swale, drains SW.
78.40	Telephone line, bears NE. and SW.
79.94	The cor. secs. 16, 17, 20, and 21, 150 ft. above the ¼ sec. cor.
	Land, rolling and mountainous, with a general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow gravel, clay, and rock, with a rocky surface; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., bet. secs. 20 and 21.
	Over rolling land, through dense short undergrowth.
3.60	Telephone line, bears N. 30° E. and S. 30° W.
3.70	Small swale, drains SW.
33.20	Small wash, drains SW.
40.00	On rolling land, 160 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains

¼

S20 | S21

1936

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

30.00 On rolling land, 180 ft. below the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 20, 21, 28, and 29, with brass cap marked

T43S | R18W
S20 | S21
S29 | S28

1936

deposit a limestone, 8 x 6 x 6 ins., at base of post, marked X.

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

Soil, shallow gravel, with a rocky surface; 4th rate.

Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, yellow top, and weeds.

No timber.

Fair winter grazing land.

East, on random line, bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

79.86 Intersect the cor. secs. 21, 22, 27, and 28.

Thence:

West, on true line, bet. secs. 21 and 28.

Descend gradually along general bottom of wide swale draining southwesterly, through dense short undergrowth.

39.93 In general bottom of wide swale draining westerly.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S21 / S28

1936

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

Continue along general bottom of swale draining westerly.

79.86 The cor. secs. 20, 21, 28, and 29.

Chains	
	Land, rolling, with a general westerly exposure and drainage. Limestone formation.
	Soil, shallow gravel and rock, with a rocky surface; 4th rate.
	Undergrowth, sage, black, and bitter brush, amole plants, yucca, cacti, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., bet. secs. 28 and 29.
	Descend gradual SE. slope of rolling land, through dense short undergrowth.
3.30	Bottom of wide swale, drains SW.; thence over rolling bottom lands of swale.
21.00	Leave bottom lands of wide swale and ascend gradual NW. slope, bears NE. and SW.
28.80	Wash, drains NW.
38.90	Wash, drains S. 75° W.
40.00	On rolling land, at top of ledgy SE. rim of wash, 80 ft. above bottom, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S29 | S28 1936 deposit a limestone, 9 x 9 x 5 ins., at base of post, marked X.
	Thence ascend broken NW. slope.
44.00	Sandstone spur, 50 ft. above the ¼ sec. cor., projects NW.; descend gradually along W. slope.
55.50	Spur, 40 ft. above last spur, projects W.; descend gradual SW. slope.
57.80	Draw, 20 ft. below spur, drains W.; ascend gradual NW. slope.
60.40	Small spur, projects W.; thence along gradual W. slope.
69.10	Small spur, projects W.; descend gradual SW. slope.
75.00	Head of draw, 120 ft. below spur, drains NW.; ascend gradual NW. slope.
80.00	On gradual NW. slope, at base of sandstone ledge, bears E. and W., 20 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 28, 29, 32, and 33, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE : 6—8155

Chains	
	T43S | R18W S29 | S28 S32 | S33 1936 deposit a sandstone, 9 x 9 x 6 ins., at base of post, marked X.
	Land, rolling and broken, with a general westerly exposure and drainage. Sandstone and limestone formation.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage and black brush, mountain rush, amole plants, yucca, cacti, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	East, on random line, bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 27, 28, 33, and 34.
	Thence:
	N. 89°59' W., on true line, bet. secs. 28 and 33.
	Descend abrupt rocky SW. slope of broken land, through scattered undergrowth.
1.20	Spur, projects SW.; continue descent.
10.30	Bottom of deep rocky draw, 270 ft. below sec. cor., drains S. 10° W.; ascend rocky SE. slope.
13.20	Sandstone spur, 20 ft. above draw, projects S.; descend abrupt rocky SW. slope.
20.60	Sandstone spur, projects SE.; thence descend abrupt W. slope.
27.10	Slope changes from an abrupt W. slope to a gradual NW. slope.
30.30	Draw, 300 ft. below the spur at the 13.20 chs. point, drains SW.; thence along S. slope.
39.92	On S. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S28 / S33 1936 deposit a sandstone, 10 x 10 x 5 ins., at base of post, marked X.
	Thence ascend steep rocky SE. slope over small spurs and draws.

U. S. GOVERNMENT PRINTING OFFICE

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
61.00	Sandstone spur, 200 ft. above the ¼ sec. cor., projects S.; descend abrupt SW. slope.
67.20	Bottom of deep draw, 180 ft. below spur, drains S.; ascend abrupt SE. slope.
72.80	Sandstone spur, 140 ft. above draw, projects S.20°E.; descend abrupt W. slope of sandstone ledges.
79.84	The cor. secs. 28, 29, 32, and 33, 200 ft. below spur.
	Land, broken by sandstone outcroppings, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, shallow sand and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage, black, and creosote brush, yellow top, yucca, cacti and weeds.
	No timber.
	Fair winter grazing land.
	S.0°03'E., bet. secs 32 and 33.
	Ascend abrupt S. slope of sandstone spur, through very scattered undergrowth.
2.20	Sandstone spur, 30 ft. above cor., projects E.; thence ascend gradually along rocky E. slope.
9.20	Top of ascent on E. slope, 30 ft. above last spur, bears W. and slopes E.; descend gradually along E. slope of spur, projecting S. Corner of cement reservoir, in wash, draining SW., bears S.57°13'E.
20.30	Perpendicular sandstone ledge, bears E. and W.
	N.80°40'E., to reservoir described above.
40.00	On sandstone spur, 180 ft. below last spur, projects SE.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S32 | S33 1936 deposit a sandstone, 8x8x6 ins., at base of post, marked X.
46.39	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to solid rock and in a large mound of stone to top, for closing cor. secs. 32, and 33, with brass cap marked T43S R18W C C S32 | S33 ARIZ 1936 deposit a sandstone, 8x8x6 ins., at base of post, marked X.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Cor. set on sandstone spur, projecting S.10°E.
	From this cor., the closing cor. of secs. 35 and 36, T. 42 N., R. 15 W., Gila and Salt River Meridian, Arizona bears West, 12.14 chs. dist. Cor. is an iron post, 2 i diam., set, marked, and witnessed as described in the official record of the survey of said township.
	From the same cor., the 9th mile post of the Utah-Arizo State Boundary, bears West, 38.41 chs. dist. Mile post a limestone, 33 x 12 x12 ins. firmly set in the ground, marked UTAH on N. face, 37NL on E face, ARIZ on S. face, and 9M on W face. Cor. is witnessed by a large mound of stone to the E. of the cor. monument.
	Land, broken sandstone ledges, with a general easterly exposure and drainage.
	Soil, shallow, loose sand with a rocky surface; 4th rate.
	Undergrowth, sage, black, and crosote brush, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the township, an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 42 S., R. 18 W., of this group.
	S.0°03' E., bet. secs. 5 and 6.
	Descend gradual SW. slope of rolling land, through dense short undergrowth.
9.30	Bottom of large wash, drains W.3.00 chs. dist., thence southerly.
12.40	Low, flat spur, slopes W. 3.00 chs. dist. to end.
30.10	Recross wash, drains S. 10° E.
34.80	Recross wash, drains S. 20° W.
40.00	On rolling land, 400 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S6 | S5 1936 mound of stone, 3 ft. base, 2 ft. high, raise a W. of cor.
	Continue gradual descent along general S. slope.
80.00	On rolling land, 200 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked

Chains	
	T43S R18W S6 | S5 S7 | S8 1936
	mound of stone, 3 ft. base, 2 ft. high, W. of raise a cor.
	Land, rolling, with a general southerly exposure and drainage.
	Soil, deep gravel with a rocky surface; 4th rate.
	Undergrowth, sage and black brush, mountain rush, amole plants, yucca, cacti, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the cor. secs. 4, 5, 8, and 9.
	Thence:
	N. 89°56' W., on true line, bet. secs. 5 and 8.
	Descend abrupt NW. slope of limestone ledges, through scattered timber and dense short undergrowth.
26.20	Leave timber, bears NE. and SW.
31.90	U.S. Highway No. 91, bears N. 57°42' E., and S. 56°14' W.; thence across bottom lands of Castle Cliff Wash, drains SW.
40.04	In yard of the Castle Cliff Service Station, 290 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S5/S8 1936
	From the above cor., I make the following ties to the property of James L. Lowe, known as the Castle Cliff Service Station.
	The NW. pillar to the service station and store, bears S. 22°03' E., 3.75 chs. dist.
	The NW. cor. of a rock cabin, bears S. 0°23' E., 1.09 chs. dist.
	The NW. cor. of a rock cabin, bears S. 19°20' E., 90 lks. dist.,
	The S. end of the E. fence inclosing the property of the Castle Cliff Service Station, bears S. 58°49' E.

U. S. GOVERNMENT PRINTING OFFICE 6—8188

Chains

The NE. cor. of the fence, bears N. 8°20' E., 1.15 chs. dist.,

The NW. cor. of the fence, bears S. 56°35' W., 1.42 chs. dist.,

The S. end of the W. fence, bears S. 1°42' W.,

The NE. cor. of a shower house, bears S. 16°42' W., 44 l... dist.

A flag pole at top of a high limestone ledge, bears S. 74°08' E.

A water tank, bears N. 61°47' E., about 10.00 chs. dist.

A small rock house, bears N. 83°14' E.,

46.00 Top of small rise, 40 ft. above the ¼ sec. cor., bears NW. and SE.; thence along gradual S. slope.

80.08 The cor. of secs. 5, 6, 7, and 8.

From this cor., the flag pole at top of high limestone ledge at the Castle Cliff Service Station, bears S.87°27'...

Land, rolling and broken, with a general southwesterly exposure and drainage. Limestone formation.

Soil, shallow and deep gravel, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, amole plants, yucca, cacti, mountain rush, yellow top, and weeds.

Timber, a few scattered scrub juniper on E. portion of mile.

Fair winter grazing land.

N. 89°56' W., on random line, bet. secs. 6 and 7.

40.00 Set temp. ¼ sec. cor.

75.52 Intersect the W. bdy. of the township, 9 lks. S. of the cor. secs. 1, 6, 7, and 12, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 43 S., R. 18 W., of this group.

Thence:

S. 89°52' E., on true line, bet. secs. 6 and 7.

Over rolling bench land, through dense short undergrowth.

5.70 Low rise, bears N. and S. 30° E.

12.40 The W. edge of a flood plain draining S.

19.40 The E. edge of flood plain.

25.10 Low rise, slopes S. 30° W. and bears N.

28.70 Small draw, drains S. 30° W., and heads S. 30° E., 6.00 chains dist.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
31.50	Low spur, slopes S. 20° W.
38.52	On gradual E. slope, 90 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S6 / S7 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
39.40	Long shallow draw, drains S. 20° E., about 6.00 chs. dist., thence SW.
43.60	Low rise, bears N. 20° E. and slopes S. 20° W.
45.00	Unimproved road, bears NW. and SE.
47.00	Small draw, drains S. 20° E., about 10.00 chs. dist. to junction with last draw.
50.30	Low rise, bears N. and slopes S.
53.50	Small wash, drains S.
55.80	Low rise, slopes S. 20° W. and bears N.
62.20	Large wash, drains SW.
69.40	Low flat spur, slopes SW.
74.20	Large wash, drains S.
78.52	The cor. secs. 5, 6, 7, and 8, 95 ft. above the ¼ sec. cor.
	Land, rolling with a general southwesterly exposure and drainage. Limestone formation.
	Soil, deep gravel with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, yucca, cacti, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., bet. secs. 7 and 8.
	Descend gradual S. slope of rolling bench land, through dense short undergrowth.
14.00	Unimproved road, bears NE. and SW.
17.00	Unimproved road, bears NE. and SW.
36.60	Wash in shallow draw, drains SW.
40.00	On rolling land, 180 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	¼ S7 | S8 1936 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
41.70	The N. bank of wide wash, bears NE. and SW.
49.70	Bottom of large shallow wash, drains SW.
56.50	The S. bank of wash, bears NE. and SW.
75.30	An unimproved road, bears NE. and SW.
80.00	On rolling land, 110 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 7, 8, 17, and 18, with brass cap marked T43S | R18W S7 | S8 S18 | S17 1936 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	From this cor., a U.S. Coast and Geodetic Survey bench mark, which is a brass tablet, set in concrete, on E. edge of U.S. Highway No. 91, marked X57 1934, bears N. 78°14' E., 10.22 chs. dist.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, deep gravel with a rocky surface; 4th rate.
	Undergrowth, blackbrush, amole plants, cactus, yucca, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 8, 9, 16, and 17.
	Thence:
	N. 89°59' W., on true line, bet. secs. 8 and 17.
	Descend ledgy NW. slope of broken land, through dense short undergrowth.
15.80	Draw, 260 ft. below cor., drains S. 75° W.; ascend gradual SE. slope.
26.00	Spur, 100 ft. above draw, projects SW.; descend rocky SW. slope.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
29.30	Draw, 70 ft. below spur, drains SW.; ascend gradual SE. slope.
34.50	Spur, 40 ft. above draw, projects SW.; descend abrupt SW. slope over limestone ledges.
40.04	On abrupt SW. slope of limestone surface rock, 170 ft. below spur, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S8 / S17 1936
44.90	Base of abrupt descent, bears NW. and SE.; thence over rolling land.
58.20	Unimproved old road, bears N. and S.
65.90	Shallow wash, drains SW.
67.80	Unimproved old road, bears NE. and SW.
71.50	U.S. Highway No. 91, bears N. 17°56' E. and S. 17°56' W.
80.08	The cor. of secs. 7, 8, 17, and 18.
	Land, E. portion of mile is broken and mountainous; west portion is rolling; general southwesterly exposure and drainage. Limestone formation.
	Soil, shallow clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage and black brush, amole plants, yucca, cacti, yellow top and weeds.
	No timber.
	Fair winter grazing land.

N. 89°52' W., on random line, bet. secs. 7 and 18.

40.00	Set temp. ¼ s c. cor.
78.64	Intersect the W. bdy. of the township, 2 lks. S. of the cor. secs. 7, 12, 13, and 18, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 43 S., R. 19 W., of this group.

Thence:

S. 89°51' E., on true line, bet. secs. 7 and 18.

Over rolling desert land, through dense short undergrowth.

2.10	Small depression, drains SW.
6.60	Low spur, slopes S. 20° W.
17.50	Large shallow draw, drains S. 30° W.

U. S. GOVERNMENT PRINTING OFFICE 9—8166

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
36.40	Large shallow draw, drains S. 30° W.
38.64	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S7 / S18 1936 mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a
39.30	Low spur, slopes S. 20° W.
41.60	Small draw, drains SW.
58.00	Low spur, slopes S. 30° W.
59.70	Top of W. rim of large shallow draw, drains S. 30° W.
65.40	Top of E. rim of draw, bears N. 30° E. and S. 30° W.
67.30	Low spur, slopes S. 30° W.
73.00	Small draw, drains S. 15° W.
76.70	Small spur, slopes S. 20° W.
78.64	The cor. secs. 7, 8, 17, and 18.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, shallow and deep clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, mountain rush, cacti, yucca, yellow top, and weeds.
	No timber.
	Fair winter grazing land.

	S. 0°03' E., bet. secs. 17 and 18.
	Descend gradually along rolling SW. slope of desert land, through dense short undergrowth.
2.50	Wide shallow draw, drains S. 20° W.
22.20	U.S. Highway No. 91, bears N. 21°49' E. and S. 21°49' W.
40.00	On rolling SW. slope, 120 ft. below the sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S18 | S17 1936 raise a

Chains	
	mound of stone, 3 ft. base, 2 ft. high, W. of cor.
54.20	Old unimproved road, bears NE. and SW.
61.60	Low spur, slopes SW.
72.60	Large shallow draw, drains SW.
80.00	On gradual SW. slope, 110 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 17, 18, 19, and 20, with brass cap marked T43S R18W S18 | S17 S19 | S20 1936 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Note: From the above cor., I take the following bearings to the buildings at the Cactus Service Station.
	The W. gable of the Cactus Service Station, bears S.36°01' W.
	The W. gable of a small frame cabin, bears S. 36°32' W.
	The W. gable of a small frame cabin, bears S. 36°20' W.
	For intersecting bearings, see those given at the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the township.
	Land, rolling, with a general southwesterly exposure.
	Soil, deep gravel and clay, with a rocky surface; 4th rate.
	Undergrowth, black brush, mountain rush, amole plants, cacti, yucca, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°59' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 16, 17, 20, and 21.
	Thence:
	N. 89°56' W., on true line, bet. secs. 17 and 20.
	Over rolling desert land, through dense short undergrowth.
4.20	The W. bank of wash, bears NE. and SW.
8.30	Old unimproved road, bears NE. and SW.
10.20	The SE. bank of a wide shallow wash, bears NE. and SW.
11.70	Bottom of wash, drains SW.
16.20	The SW. bank of wash, bears NE. and SW.
30.70	Begin gradual ascent over SE. slope of long spur, bears NE. and SW.
36.50	Top of low long spur, projects SW.; descend gradual NW. slope.
40.09	On gradual NW. slope, at base of limestone ledge, 10 ft. high.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in a large mound of stone to top for ¼ sec. cor., with brass cap marked ¼ S17 / S20 1936 deposit a limestone, 9 x 8 x 5 ins., at base of post, marked X.
47.60	Base of descent from spur, bears NE. and SW.; thence over rolling SW. slope.
59.10	Old unimproved road, bears NE. and SW.
80.18	The cor. secs. 17, 18, 19, and 20.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, deep clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, cacti, joshua trees, jucca, mountain rush, yellow top, and weeds.
	No timber.
	Fair grazing land.
	N. 89°51' W., on random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
78.68	Intersect the cor. secs. 13, 18, 19, and 24, on the W. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 43 S., R. 19 W., of this group.
	Thence:
	S. 89°51' E., on true line, bet. secs. 18 and 19.
	Over rolling desert land, through dense short undergrowth.
1.30	Small draw, drains SW.
7.80	Low flat spur, projects SW.
15.80	Small draw, drains SW.
29.00	Small draw, drains S. 20° W.
38.68	At the W. edge of large draw, drains S. 30° W.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S18 / S19 1936 raise a

U. S. GOVERNMENT PRINTING OFFICE

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

From this cor., a U.S. Coast and Geodetic Survey bench mark, which is a brass tablet, set in concrete, marked W57 1934, bears S. 3°02' W., 57.89 chs. dist.

Thence across large draw draining S. 30° W.

44.20 The E. edge of large draw, bears N. 30° E. and S. 30° W.

46.20 Bottom of large draw, drains SW.

55.60 U.S. Highway No. 91, bears N. 21°49' E. and S. 21°49' W.

59.40 Small draw, drains S. 30° W.

65.60 Old unimproved road, bears N. 30° E. and S. 30° W.

74.20 Draw, drains S. 20° W.

78.68 The cor. secs. 17, 18, 19, and 20.

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

Soil, deep and shallow clay and gravel, with a rocky surface, 4th rate.

Undergrowth, black brush, mountain rush, amole plants, yucca, cacti, joshua trees, yellow top, and weeds.

No timber.

Fair winter grazing land.

S. 0°03' E., bet. secs. 19 and 20.

Descend gradual SW. slope of rolling desert land, through dense short undergrowth.

15.80 The N. bank of wide shallow wash, bears S. 75° W. and N. 75° E.

16.60 Bottom of wash, drains S. 75° W.

16.80 The S. bank of wash, bears N. 75° E. and S. 75° W.

40.00 On rolling land, 60 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S19 | S20

1936

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

43.00 Old unimproved road, bears NE. and SW.

80.00 On rolling land, 70 ft. below the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 19, 20, 29, and 30, with brass cap marked

Chains	
	T43S R18W S19 | S20 S30 | S29
	1936
	mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, deep gravel with a rocky surface; 4th rate.
	Undergrowth, black and creosote brush, amole plants, cacti, yucca, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.12	Intersect the cor. secs. 20, 21, 28, and 29.
	Thence:
	N. 89°56' W., on true line, bet. secs. 20 and 29.
	Descend gradual SW. slope of rolling desert land, through dense short undergrowth.
11.00	Small draw, drains SW.
22.30	The SE. bank of wide wash, bears NE. and SW.
24.20	Bottom of wash, drains SW.
25.00	The SW. bank of wash, bears NE. and SW.
31.70	Telephone line, bears NE. and SW.
40.06	On rolling land, 70 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S20 / S29 1936 mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a
48.30	The SE. bank of wide shallow wash, bears NE. and SW.
48.90	Bottom of wash, drains SW.
50.10	The SW. bank of wash, bears NE. and SW.
51.00	Old unimproved road, bears NE. and SW.
80.12	The cor. secs. 19, 20, 29, and 30, 50 ft. below the ¼ sec. cor.

Chains	
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, deep and shallow gravel and clay, with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, yucca, cacti, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	N. 89°51' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
78.80	Intersect the cor. secs. 19, 24, 25, and 30, on the W. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 43 S., R. 19 W., of this group.
	Thence:
	S. 89°51' E., on true line, bet. secs. 19 and 30.
	Over rolling desert land, through dense short undergrowth.
	Note: From the above cor., I take the following bearings to the buildings at the Cactus Service Station.
	The W. gable of the Cactus Service Station, bears N. 59°16' E.
	The W. gable of a small frame cabin, bears N. 59°20' E.
	The W. gable of a small frame cabin, bears N. 60°01' E.
	For intersecting bearings, see those given at the cor. secs. 17, 18, 19, and 20.
5.40	Wash, 50 lks. wide, 2 ft. deep, drains S.
16.80	Wide shallow draw, drains S. 15° W.
30.50	Wide shallow draw, drains SW.
31.90	U.S. Highway No. 91, bears N. 10°33' E. and S. 10°33' W.
37.30	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 19 and 30, with brass cap marked ¼ S19 / S30 W / C 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
38.80	True point for the ¼ sec. cor. falls in bottom of wide shallow wash, draining S. 20° W., where it is impracticable to set a permanent cor.

Chains	
46.00	Shallow wash, drains S. 30° W.
66.50	Wash, 30 lks. wide, 5 ft. deep, drains SW.
78.80	The cor. secs. 19, 20, 29, and 30, 120 ft. above the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, shallow and deep, clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, yucca, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., bet. secs. 29 and 30.
	Descend gradual SW. slope of rolling desert land, through dense short undergrowth.
9.90	Shallow draw, drains SW.
24.30	Wide shallow draw, drains SW.
40.00	On rolling SW. slope, 120 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S30 | S29

1936

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

40.60	Old Emigrant road, bears N. 65°07' E. and S. 65°07' W.
49.20	Bottom of long wide shallow draw, drains SW.
52.20	Shallow draw, drains S. 80° W., 3.00 chs. dist. to junction with last draw.
80.00	On rolling land, 130 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 29, 30, 31, and 32, with brass cap marked

T43S | R18W
S30 | S29
S31 | S32

1936

mound of stone, 4 ft. base, 4 ft. high, W. raise a of cor.

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

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Soil, deep and shallow gravel, with a rocky surface; 4th rate.
	Undergrowth, black brush, amole plants, cacti, yucca, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 89°56' E., on random line, bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 28, 29, 32, and 33.
	Thence:
	N. 89°58' W., on true line, bet. secs. 29 and 32.
	Descend gradual NW. slope of rolling desert land, through dense short undergrowth.
10.40	Shallow draw, drains NW.
12.00	Low spur, projects NW.
17.40	Low long spur, projects NW.
24.20	Low spur, projects NW.
36.50	Small wash, drains NW.
40.05	On rolling land, 270 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S29 / S32 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
46.30	Low spur, projects NW.; descend ledgy W. slope.
63.90	Land becomes more rolling, bears N. and S.
64.90	Shallow wash, drains SW.
66.25	Old unimproved road, bears NE. and SW.
66.35	Telephone line, bears N. 23°30' E. and S. 23°30' W.
67.60	The SE. bank of wide shallow wash, bears NE. and SW.
72.60	Bottom of wash, drains SW.
75.20	The SW. bank of wash, bears NE. and SW.
75.70	Old unimproved road, bears N. and S.
80.10	The cor. secs. 29, 30, 31, and 32, 140 ft. below the ¼ sec. cor.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	Land, rolling and broken, with a general northwesterly and southwesterly exposure and drainage. Limestone formation on E. portion of mile.
	Soil, shallow gravel with a rocky surface; 4th rate.
	Undergrowth, black brush, mountain rush, amole plants, cacti, yucca, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	N. 89°51' W., on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
78.88	Intersect the W. bdy. of the township, 3 lks. S. of the cor. secs. 25, 30, 31, and 36, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 43 S., R. 19 W., of this group.
	Thence:
	S. 89°50' E., on true line, bet. secs. 30 and 31.
	Ascend gradually over rolling W. slope of desert land, through dense short undergrowth.
1.20	Unimproved road, bears N. 75° E. and S. 75° W.
9.20	U.S. Highway No. 91, bears N. 16°30' E. and S. 16°30' W.
11.70	Unimproved road, bears N. 80° E. and S. 80° W.
17.90	Unimproved road, bears N. and S.
30.50	Shallow wash, drains SW.
35.90	Shallow wash, drains SW.
38.88	On rolling land, 60 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S30/S31 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
52.90	Shallow wash, drains SW.
54.00	Shallow wash, drains SW.
68.70	Unimproved road, bears NE. and SW.
78.88	The cor. secs. 29, 30, 31, and 32, 60 ft. above the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage.

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains	
	Soil, deep gravel and clay, with a rocky surface; 4th rate.
	Undergrowth, black brush, mountain rush, cacti, amole plants, yucca, joshua trees, yellow top, and weeds.
	No timber.
	Fair winter grazing land.
	S. 0°03' E., on true line, bet. secs. 31 and 32.
	Descend gradual SW. slope of rolling desert land, through dense short undergrowth.
8.80	Unimproved road, bears NE. and SW.
11.30	The NW. bank of wide shallow wash, bears NE. and SW.; thence across wash draining SW.
29.30	The SE. bank of wash, bears NE. and SW.
29.75	Telephone line, bears N. 10° E. and S. 10° W.
31.20	Slope changes from a gradual SW. slope to a gradual W. slope.
40.00	On gradual rocky W. slope, 35 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to solid rock and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S31 | S32 1936 deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked X.
46.42	Intersect the Utah-Arizona State Boundary.
	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to solid rock and in a large mound of stone to top, for closing cor. secs. 31 and 32, with brass cap marked T43S R18W C | C S31 | S32 ARIZ 1936 deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked X.
	From this cor., the closing cor. secs. 34 and 35, T. 42 N., R. 15 W., Gila and Salt River Meridian, Arizona, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record, bears West, 11.88 chs. dist.
	From the same cor., the 8th mile post of the Utah-Arizona State Boundary, bears West, 38.46 chs. dist. Mile post is also a Coast and Geodetic Survey triangulation station, and is a limestone, 12 x 10 x 8 ins. above ground, firmly set,

SURVEY OF SUBDIVISION, T. 43 S., R. 18 W.

Chains

marked UTAH on N. face, L37 on E. face, ARIZ on S. face, and SM on W. face. Mile post is witnessed by a large mound of stone to the E.

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

Soil, shallow and deep gravel, with a rocky surface; 4th rate.

Undergrowth, black brush, jucca, amole plants, joshua trees, yellow top, and weeds.

No timber.

Fair winter grazing land.

GENERAL DESCRIPTION, T. 43 S., R. 18 W.

The east portion of T. 43 S., R. 18 W., Salt Lake Meridian Utah consists of the broken top and steep rugged west slope of the main divide ridge of the Beaver Dam Mountain It is of a limestone formation, and is very rough and broken, being cut by deep steep gulches, with numerous outcroppings of limestone. The west portion of the township consists of rolling desert land and the foot hills of the west slopes of the Beaver Dam Mountains, and has a general southwesterly exposure and drainage. The central south portion of the township consists chiefly of a red sandstone formation, and in places is very rough.

The soil on the steep slopes of the mountainous land is a shallow light colored clay and gravel, with a rocky surface, while that in the bottoms of the wide draws and the rolling foot hills of the mountains consists of a deep gravel mixed with sand and clay, and has a rocky surface. The soil throughout the township contains very little humus, and may be classified as fourth rate.

The only timber in the township is a medium dense growth of scrub juniper and pinon, with a few scattered spruce, which is found on the steep slopes of the high mountainous land in the east portion of the township. This timber has no commercial value except for fire wood and fencing.

In most places throughout the township, a dense short undergrowth is found, consisting of black brush, amole plants, cacti, yucca, joshua trees, mountain rush, yellow top, and weeds. The joshua trees are found mostly on the desert land in the western portion of the township, and are from ten to fifteen feet high.

No streams or springs are found within the boundaries of the township, and no portions of it are suitable for farming.

James L. Lowe, an applicant for the survey of this township, is living and operating the Castle Cliff Service Station, located on U.S. Highway No. 91, near the ¼ sec. cor. secs. 5 and 8. The improvements of the above service station consist of two rock cabins, a service station and a store, a water tank and several small out buildings. The water used at this station is piped from Summit Spring located in the NE¼ NW¼ sec. 33, T. 42 S., R. 18 W. Zella Nevine owns and is operating the Cactus Service Station, on U.S. Highway No. 91, located in the E½ SW¼ sec. 19. The improvements of this service station consist of frame building used as a service station and store, two frame cabins, and small out buildings.

U. S. GOVERNMENT PRINTING OFFICE 8—51455

The water used at this service station is hauled from the supply at the Beaver Dam Lodge, located about 10 miles to the southwest of the service station.

U.S. Highway No. 91 enters the township near the northwest cor. of sec. 3, and bears in a southwesterly direction through the west portion of the township, leaving it on the west boundary of sec. 31. A one wire telephone line to the east of the highway bears in a southwesterly and northeasterly direction through the west portion of the township.

Several patented mining claims of the Tutsagubet Mining District, are located in secs. 1 and 12, and on some of these claims, extensive workings were found. U.S. Location Monument No. 1, of the above mining district, is located on a high point at the top of the main ridge of the Beaver Dam Mountains, in the SE¼ SE¼ sec. 1.

An old Emigrant road bears in an easterly and westerly direction through the south portion of the township.

Numerous other unimproved roads were found throughout most portions of the township, and except the high tops of the ridges and spurs of the mountainous land, most portions of it can be reached by auto.

Except the owners of the Castle Cliff and Cactus Service Stations, and their help, no other person was living on the township at the time of the survey.

Except for indications of copper, found on the workings of the patented mining claims, no other surface indications of mineral, oil, oil shale, or coal, were found.

The highest portion of the township is the top of the main divide ridge of the Beaver Dam Mountains in the extreme east portion, which is at an elevation of about 6000 feet above sea level, while the rolling desert land at the extreme southwest portion of the township is at an elevation of about 3000 feet above sea level.

The township is suitable only for winter grazing range for stock, and at the time of the survey, it was being used for this purpose. There being no water on the township, and the intense heat during the summer months makes it impossible to graze the township during the summer.

The mean magnetic declination was found to be 16°45' E.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Edward Eliason	Principal Assistant
Molen Roper	Principal Assistant
Bish Farley	Principal Assistant
Warren R. Clark	Chainman
Ulysses S. Gardner	Chainman
Emmett FitzGearld	Chainman
David Severn	Flagman
Jack Ames	Flagman
Joseph D. Thomas	Flagman
John H. McGuire	Cornerman
Harold Hyde	Cornerman
George Pickering	Cornerman
Claude F. Peterson	Cornerman
Melburn Ford	Axman
David Crockett	Axman
Loren Bell	Axman
John Murphy	Axman
Russell Alley	Axman
Delmar Reay	Axman
Reginald Stirk	Axman
Lerenzo Wayne Day	Axman
Marbeth Snow	Axman
Thomas H. Dugan	Axman

6—8412

CERTIFICATE OF ~~UNITED STATES SURVEYOR~~

Andrew Nelson, Surveyor
We, Elliot Bird, Surveyor
I, Kelvin Winwood, Transitman (P.W.A), HEREBY CERTIFY upon honor that

pursuance of special instructions bearing date of the 17th day of March 1933

received from the district cadastral engineer for Utah with assignment
and supplemental assignment instructions dated October 24, 1936
instructions dated May 12, 1936, ~~I~~ have surveyed the subdivisional lines
of T. 43 S., R. 18 W.,

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction, and that

survey has been made in strict conformity with said instructions, the Manual of Instructions for the Surv
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah.

April 15, 1938

Andrew Nelson, Surveyor
Elliot Bird, Surveyor
Kelvin Winwood, Transitman (P.

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado, August 13, 19 41

The foregoing field notes of the survey of the subdivisional lines of T. 43 S.,
R. 18 W., Salt Lake Meridian, Utah

executed by Andrew Nelson, Surveyor, Elliot Bird, Surveyor, and Kelvin
Winwood, Transitman, (P.W.A)
under special instructions dated March 17, 1933
assignment instructions dated October 24, 1936 and
instructions dated May 12, 1936, and supplemental, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

~~U.S.~~ Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~
~~, is a true copy of the original field notes on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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4—679
(April 1933)

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FIELD NOTES

OF THE ~~SURVEY OF THE~~

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN, OR THE WEST BOUNDARY, AND THE ESTABLISHMENT OF THE ¼ SEC. CORS. BETWEEN CLOSING CORS. ON THE NORTH BOUNDARY; AND THE SURVEY OF THE SUBDIVISION OF T. 26 S., R. 12 E.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Charles F. Moore, U. S. Surveyor,

Edgar Hayes, Philander Maxwell, and

Claude Beebe, Transitmen, (temporary) C. W. A.

Under special instructions dated January 11th., *19* 34, *which provided for the surveys included under Group No.* 256, *bearing the approval of the Commissioner of the General Land Office under date of* February 2, 1934 *and assignment instructions dated* January 12th., *19* 34

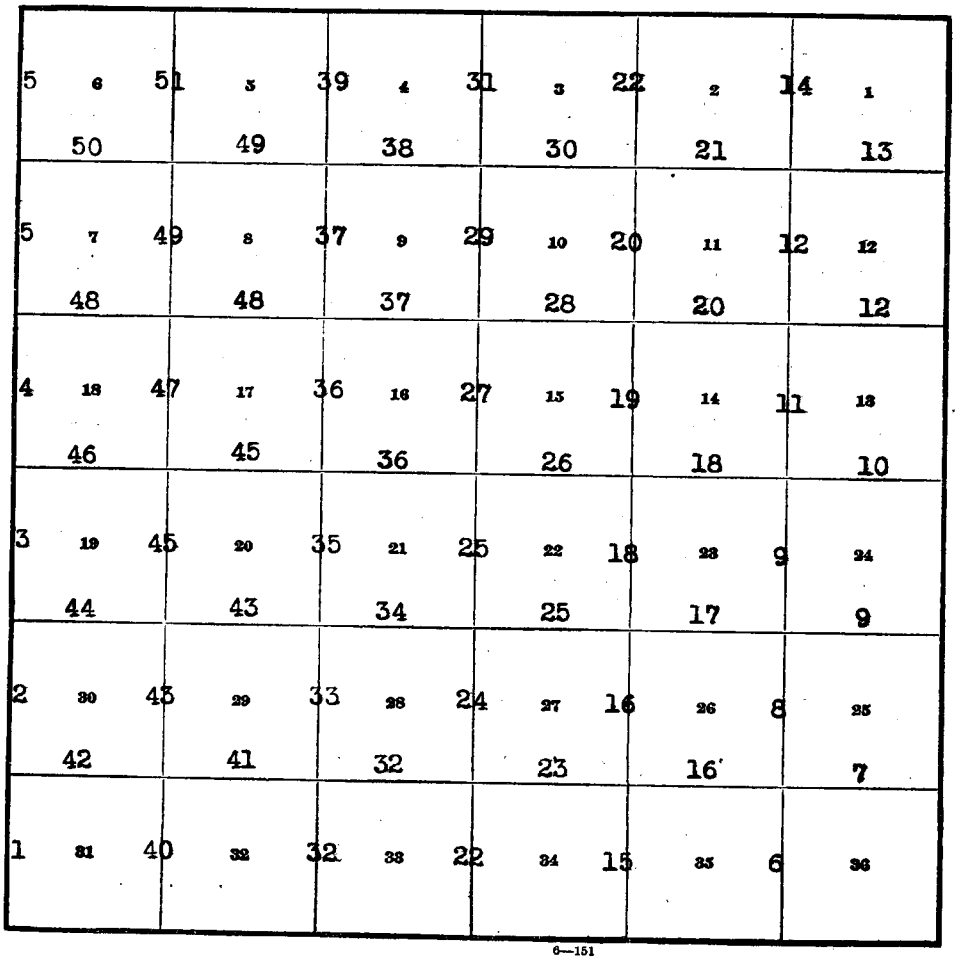
Survey commenced February 9th., *19*34

Survey completed March 10th., *19*34

U. S. GOVERNMENT PRINTING OFFICE: 1933 6—151

INDEX DIAGRAM.

Township 26 South, *Range* 12 East.



6—151

T. 26 S., R. 12 E.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

All lines rulled in black were surveyed by Charles F. Moore, U. S. Surveyor.

All lines rulled in brown were surveyed by Claude Beebe, U. S. Transitman, (temporary) C. W. A.

All lines rulled in red were surveyed by Philander Maxwell, U. S. Transitman, (temporary) C. W. A.

All lines rulled in purple were surveyed by Edgar Hayes, U. S. Transitman, (temporary) C. W. A.

T. 26 S., R. 12 E.

Survey commenced February 9, 1934, and executed with Buff and Buff light mountain transits Nos. 9210 and 9983, and Young and Sons light mountain transits Nos. 8395 and 8498, used by Charles F. Moore, U. S. Surveyor, Edgar Hayes, Claude Beebe, and Philander Maxwell, Transitmen, (temporary) C. W. A. respectively. Each instrument is equipped with a Smith solar attachment and full vertical circle; the horizontal limb of each transit is 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 circles. These 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 January 12, 1934.

The instruments were in good condition and adjustment at the time of this survey. The country over which the lines were extended being open desert, the solar attachments were not used, and all azimuths in this record are referred to true meridians determined by observations made upon Polaris during the progress of the survey, by the method of deflection angles and calculated courses, and the lines were carried forward by double fore and back-sights.

The measurements, unless otherwise stated, were made with Lallie steel ribbon tables, 5 and 8 chains in length; each tape is graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape one chain long and found correct. The measurements were made on the slope; the vertical angle of each interval determined by clinometers, kept in good adjustment, and the slope measurements properly reduced to true horizontal distances which are recorded in these field notes.

The data furnished with the Special instructions gives the approximate geographic position of the southeast corner of T. 26 S., R. 12 E., as follows: latitude 38°30'N., and longitude 110°35' W.

February 6, 1934, at the cor. of Tps. 26 and 27 S.,Rs. 11 and 12 E., hereinafter described, approximate latitude 38°30' N., and approximate longitude 110°41' W., at 10h 28.3m p.m., l.m.t., I observe Polaris at western elongation, making two sights each with the telescope in direct and reversed positions and mark the mean line thus determined by a tack in a peg, driven firmly in the ground about 10 chains dist. to the north. After sunrise I lay off the azimuth of Polaris, 1°20' to the east and mark the true meridian thus determined by a tack in a second peg about 10 chains north.

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN, THROUGH T. 26 S., Rs. 11 AND 12 E., SUPERSEDING THE SURVEY EXECUTED BY A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1881.

From the cor. of Tps. 26 and 27 S., Rs. 11 and 12 E.,which is an iron post, 3 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this group.

North, bet. secs. 31 and 36.

Over nearly level and gently rolling desert, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone 10x6x5 ins., mkd. X, deposited at the base, for ¼ sec. cor., with brass cap mkd.

INDEPENDENT RESURVEY

OF THE HENRY MT. GUIDE MERIDIAN, THROUGH T. 26 S., Rs. 11 AND

Chains

¼

S36 | S31

1934

No trace of the original ¼ sec. cor. can be found.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. the ground, with a sandstone, 8x8x4 ins., mkd. X, depos at the base, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.

T26S

R11E	R12E
S25	S30
S36	S31

1934

No trace of the original cor. of secs. 25, 30, 31, and can be found.

Land, nearly level and gently rolling desert, with a wes ly exposure.

Soil, a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and black brush.

Grazing, a fair growth of curly and bunch grass and weed

North, bet. secs. 25 and 30.

Over nearly level and gently rolling desert, through sc tering undergrowth; asc. gradually 20 ft.,

20.00 Top of ascent, bears E. and W.; desc. 30 ft. to ¼ sec.c over gentle N. slope.

28.60 Old wagon road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground with a sandstone, 8x6x4 ins., mkd. X, depos ed at the base, for . sec. cor., with brass cap mkd.

¼

S25 | S30

1934

No trace of the original ¼ sec. cor. can be found.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. the ground with a conglomerate rock, 14x8x4 ins., mkd. deposited at the base, for cor. of secs. 19, 24, 25, and 30 with brass cap mkd.

T26S

R11E	R12E
S24	S19
S25	S30

1934

Chains	
	The original cor. of secs. 19, 24, 25, and 30, which is a sandstone, 14x9x1 ins. above ground, firmly set, marked 4 notches on N. and 2 notches on S. edges, and unwitnessed, bears N. 14°00' E., 770 lks. dist. I destroy this monument.
	Land, nearly level and gently rolling, with a westerly exposure.
	Soil, a sandy loam; 2nd rate.
	Timber, none.
	Undergrowth, black brush, yellow top, and mountain rush.
	Grazing, a fair to good growth of curly and grama grass.
	North, bet. secs. 19 and 24.
	Over nearly level and gently rolling desert, through a scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 8x8x1 ins., mkd. X, deposited at the base, for ¼ sec. cor., with brass cap mkd.

¼

S24 | S19

1934

	The original ¼ sec. cor., which is a sandstone 13x10x6 ins. above ground, firmly set, marked ¼ on W. face, and unwitnessed, bears N. 13°20'E., 886 lks. dist., I destroy this monument.
	Desc. gradually 55 ft., over NW. slope.
53.50	Swale, drains southwesterly; asc. gradually 3 ft. to
80.00	Set an iron post, 3 ft. long, 3 ins. in diam., 30 ins. in the ground, with a sandstone, 13x6x4 ins., mkd. X, deposited at the base, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

T26S

R11E	R12E
S13	S18
S24	S19

1934

	The original cor. of secs. 13, 18, 19, and 24, which is a sandstone, 13x10x6 ins., above ground, firmly set, marked 3 notches on N. and 3 notches on S. edges, and unwitnessed, bears N. 13°30'E., 883 lks. dist. I destroy this monument.
	Land, nearly level and gently rolling, with a westerly exposure and drainage.
	Soil, a sandy loam; 2nd. rate.
	Timber, none.
	Undergrowth, yellow top and mountain rush.
	Grazing, a fair growth of curly and bunch grass.

INDEPENDENT RESURVEY

[illegible] MT. GUIDE MERIDIAN, THROUGH T. 26 S., Rs. 11 AND 1[illegible]

Chains

North, bet. secs. 13 and 18.

Over nearly level and gently rolling desert, through a scattering undergrowth.

[illegible] Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 10x8x4 ins., mkd. X, deposited at base, for [illegible] sec. cor., with brass cap mkd.

¼

S13 | S18

1934

The original [illegible] sec. cor., which is a sandstone 13x8x4 in above ground, firmly set, marked [illegible] on W. face, and unwitnessed, bears N. 13°43' E., 912 lks. dist. I destroy this [illegible]ent.

Gradual ascent of [illegible]5 ft. to sec. cor., along a general S[illegible] slope.

[illegible] [illegible], 1[illegible] lks. wide, [illegible] ft. deep, drains southwesterly.

[illegible] [illegible] iron [illegible], [illegible] ft. long, [illegible] ins. in diam., 30 ins. in [illegible] [illegible]stone, 8x6x3 ins., mkd. X, deposited at base, for [illegible] sec. 7, 12, 13, and 18, with br[illegible]

T26S

R11E | R12E

S12 | S7

S13 | S1[illegible]

1934

[illegible] the original cor. of secs. 7, 12, 13, and 18

[illegible] gently rolling, with a southwester[illegible]

[illegible]

[illegible]

[illegible] rush, and black brush.

[illegible] and early grass.

[illegible]

[illegible] gently rolling desert, through sca[illegible] [illegible] ascent of [illegible] ft., along a gen[illegible]

[illegible]

[illegible] southwesterly; des[illegible]

[illegible] ft. [illegible] in diam., 30 ins. in [illegible] sandstone, 5x4x3 ins., mkd. X, deposit[illegible] [illegible], for [illegible] sec. cor., with brass cap mkd.

¼

S12 | S7

1934

No trace of the original ¼ sec. cor. can be found.

...general descent of 60 ft. to sec. cor., over a general NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a sandstone, 8x6x2 ins., mkd. X, deposited at base, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T26S
R11E | R12E
S1 | S6
S12 | S7
1934

No trace of the original cor. of secs. 1, 6, 7, and 12 can be found.

Land, nearly level and gently rolling; SW. exposure, S. 10.00 chs.; W. exposure, N. 70.00 chs.

Soil, a sandy clay loam; 2nd rate.

Timber, none.

Undergrowth, yellow top, mountain rush, and black brush.

Grazing, a fair growth of grama and curly grass.

North, bet. secs. 1 and 6.

Over nearly level and gently rolling desert, through scattering undergrowth; asc. gradually 20 ft., over SE. slope.

6.30 Top of ascent, bears northwesterly and southeasterly; desc. 30 ft. to ¼ sec. cor., over gradual NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone, 8x6x4 ins., mkd. ..., deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S1 | S6
1934

No trace of the original ¼ sec. cor. can be found.

80.90 No trace of the original closing cor. of T. 26 S., Rs. 11 and 12 E., can be found.

84.20 Intersect the 5th Standard Parallel South.

Set an iron post, 3 ft. long, 3 ins. in diam., 30 ins. in the ground, with a sandstone, 6x6x3 ins., mkd. X, deposited at the base, for closing cor. of Tps. 26 S., Rs. 11 and 12 E., with brass cap marked.

T25SR11E
S36
S1 | S6
R11E | R12E
CC
T26S
1934

Chains	
	From point of intersection , the standard cor. of sec 35 and 36, T. 25 S., R. 11 E., bears west, 17.69 chs. di which is an iron post, 2 ins. in diam., extending 9 in above ground, firmly set, correctly marked and witness as described in the official record of the resurvey of 5th Standard Parallel South, through R. 11 E., Gr. No. 2 Utah.
	Land, nearly level and gently rolling, with a southwest ly exposure.
	Soil, a sandy clay loam; 2nd rate.
	Timber, none.
	Undergrowth, yellow top, mountain rush, and black brush.
	Grazing, a fair growth of gramma and curly grass.

SUBDIVISION OF T. 26 S. R. 12 E.

Note: In the extension of the subdivisional lines, the courses were determined by deflection angles, turned fro the S. bdy. of the Tp., the alinement of which was deter- mined by Polaris observations, as stated in the field no of the survey of T. 27 S., R. 12 E., this group.

From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., firm ly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this grou

N. 0°01' W., bet. secs. 35 and 36.

Over nearly level and gently rolling desert, through med ium dense undergrowth; asc. 10 ft., over a general SE. slope.

15.00	Top of ascent, bears NE. and SW.; desc. 5 ft.
18.00	Small depression, drains southwesterly; asc. gradually 50 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap marked.

¼

S35 | S36

1934

71.50	Top of ascent, 15 ft. above ¼ sec. cor., bears NE. and SW.; thence over nearly level land to

Chains	
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with a sandstone 5x3x2 ins., mkd. X, deposited at base, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd. T26S | R12E S26 | S25 S35 | S36 1934 Land, nearly level and gently rolling, with a southwesterly exposure. Soil, a sandy loam; 2nd rate. Timber, none. Undergrowth, black brush, yellow top, mountain rush, and greasewood. Grazing, a fair growth of bunch grass.
	N. 89°58' E., on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.97	Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins.in diam., extending 10 ins. above ground, firmly set, marked, and witnessed as described in the official record. Thence, S. 89°59' W., on true line bet. secs. 25 and 36. Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; gradual ascent of 10 ft., over SE. slope.
15.00	Top of ascent, bears NE. and SW.; over nearly level land to ¼ sec. cor.
24.30	Stock trail, bears northwesterly and southeasterly.
39.985	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a limestone, 5x4x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S25 S36 1934
40.50	Stock trail, bears northeasterly and southwesterly.
45.00	Small depression, 5 ft. below ¼ sec. cor., drains SW.; asc. gradually 15 ft.
55.40	Top of ascent, bears northeasterly and southwesterly; desc. 65 ft., over gradual NW. slope to

U. S. GOVERNMENT PRINTING OFFICE, 1931 6—8165

Chains

79.97 The cor. of secs. 25, 26, 35, and 36.

Land, nearly level and gently rolling, with sand dunes portions of mile; general exposure and drainage to the

Soil, a red sand and sandy loam; 2nd rate.

Timber, none.

Undergrowth, black brush, mountain rush, and greasewood

Grazing, fair growth of bunch grass.

N.0°01' W., bet. secs. 25 and 26.

Over nearly level and gently rolling desert, through sc tering to a medium dense undergrowth.

22.60 Leave level land, bears E. and W.; asc. 15 ft. over a gentle SE. slope.

39.40 Old wagon road, bears NE. to D.B.Mecham's homestead, an Tasker Oil Well, and SW. to Greenriver-Hanksville highw

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground, with a limestone, 3x3x2 ins., mkd. X, depos ed at base, for ¼ sec. cor., with brass cap mkd.

¼
S26 | S25
1934

60.00 Top of ascent, 15 ft. above ¼ sec. cor., bears NE. and S desc. 5 ft.

70.00 Small depression, drains southwesterly; asc. gradually 2 ft. to

75.00 Spur, projects southwesterly; over nearly level land to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. i the ground, with a sandstone 5x4x2 ins., mkd. X, deposit ed at base, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.

T26S | R12E
S23 | S24
S26 | S25
1934

Land, nearly level and gently rolling, with sand dunes o portions of mile, general drainage and exposure to the S

Soil, a red sand and sandy loam; 2nd rate.

Timber, none.

Undergrowth, sagebrush, greasewood, mountain rush, and black brush.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Grazing, a fair growth of bunch and sand grass.
	N.89°59'E., on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.97	Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence,
	West, on a true line bet. secs. 24 and 25.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. gradually 25 ft., over a general NW. slope.
17.00	Swale, drains southwesterly; asc. gradually 20 ft.
32.00	Top of ascent, bears N. and S.; gradual descent of 20 ft. to ¼ sec. cor., over a gentle W. slope.
39.985	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S24 S25 1934
55.00	Small depression, 30 ft. bdlow ¼ sec. cor., drains southwesterly; asc. gradually 30 ft., over SE. slope.
79.97	The cor. of secs. 23, 24, 25, and 26.
	Land, nearly level, gently rolling, and rolling, with sand dunes on portions of mile; general drainage to the SW.
	Soil, a red sand and sandy loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush, greasewood, and mountain rush; a scattering growth of scrubby oak brush on tops of ascents and sand dunes.
	Grazing, a fair growth of bunch and sand grass.
	N.0°01'W., bet. secs. 23 and 24.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 30 ft.
9.60	Stock trail, bears NE. and SW.
10.00	Swale, drains southwesterly; asc. gradually 35 ft. to ¼ sec. cor., over a general SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—S155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	sec. cor., with brass cap mkd.
	S23 | S24 1934
60.00	Low ridge, 35 ft. above ¼ sec. cor., bears northeasterly about 10 chs. dist., and southwesterly; over nearly level land to.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a limestone, 6x4x1 ins., mkd. X, deposited at base, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.
	T26S | R12E S14 | S13 S23 | S24 1934
	Land, nearly level and gently rolling, with sand dunes in portions of mile; general drainage to the SW.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush, greasewood, and mountain rush; a scattering oak brush.
	Grazing, a fair growth of bunch and sand grass.
	East, on random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the E. bdy. of the Tp., at the cor. of secs. 1, 18, 19, and 24, which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set, marked, and witnessed as described in the official record.
	Thence,
	West, on a true line bet. secs. 13 and 24.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 30 ft., over a general E. slope.
0.20	Wagon road, bears NW. to Hanksville and Greenriver highway, and SE. to D. B. Mecham's homestead, which is located in the southeast quarter of the southwest quarter of sec. 19, T. 26 S., R. 13 E.
29.90	Stock trail, bears northeasterly and southwesterly.
39.94	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a soap stone, 3x2x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S13 S24 1934

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
69.70	Top of ascent, bears N. and S.; desc. gradually 15 ft. to sec. cor., over W. slope.
79.88	The cor. of secs. 13, 14, 23, and 24.
	Land, nearly level and gently rolling; general exposure easterly, E. 69.70 chs.; remainder of mile has a general exposure to the W.
	Soil, a red sand and sandy loam, 2nd. rate.
	Undergrowth, mountain rush, greasewood, and sagebrush.
	Grazing, a fair growth of bunch grass.

N.0°01'W., bet. secs. 13 and 14.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. gradually 80 ft., over W. slope to ¼ sec. cor.

35.00	Slope changes from W. to NW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a quart of coal and ashes deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S14 | S13
1934

45.00	Swale, drains southwesterly; asc. gradually 15 ft.
65.00	Sand dune, bears northeasterly about 5 chs. dist. and southwesterly about 5 chs. dist.; desc. gradually 15 ft.
75.00	Small depression, drains southwesterly; asc. gradually 10 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 5x3x1½ ins., mkd. X, deposited at base, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.

T26S | R12E
S11 | S12
S14 | S13
1934

Land, nearly level and gently rolling, with a westerly exposure and a SW. drainage.

Soil, a red sand and sandy loam, 2nd. rate.

Timber, none.

Undergrowth, greasewood and sagebrush.

Grazing, a fair growth of sand and bunch grass.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains

East, on random line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.82 Intersect the E. 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 12 ins. above ground, firmly set, & marked and witnessed as described in the official record.

Thence,

S.89°59'E., on a true line bet. secs. 12 and 13.

Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; asc. gradually 30 ft., over a general SE. slope.

14.10 Wagon road, bears N. to the Green River-Hanksville highway, and S. to D. B. Mecham's homestead, which is located in the southeast quarter of the southwest quarter of sec. 19 T. 26 S., R. 13 E.

19.80 Top of ascent, bears NE. and SW.; desc. gradually 35 ft. to

39.91 In bottom of swale, draining southwesterly,

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S12 / S13 1934

54.80 Top of ascent, 10 ft. above ¼ sec. cor., bears N. about 10 chs. and S. approximately 10 chs. dist.; desc. gradually 5 ft.

59.80 Swale, drains southwesterly; gradual ascent of 25 ft. to

79.82 The cor. of secs. 11, 12, 13, and 14.

Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.

Soil, a red sand and a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, greasewood and mountain rush.

Grazing, a fair growth of sand and bunch grass.

N.0°01'W., bet. secs. 11 and 12.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 35 ft., over a general SE. slope.

22.50 Top of ascent, bears NE. and SW.; desc. gradually 40 ft., over NW. slope to

40.00 In bottom of small depression, draining northeasterly,

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	the ground, with a quart of coal and ashes deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S11 | S12 1934
	Asc. gradually 50 ft., over a general SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a limestone, 6x6x1½ ins., mkd. X, deposited at base, for cor. of secs. 1, 2, 11 and 12, with brass cap marked
	T26S | R12E. S2 | S1 S11 | S12 1934
	Land, nearly level and gently rolling, with a general exposure and drainage to the NE.
	Soil, a red sand and a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, greasewood and mountain rush.
	Grazing, a fair growth of sand and gramma grass.
	N.89°59'E., on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.75	Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set, marked, and witnessed as described in the official record.
	Thence,
	West, on a true line bet. secs. 1 and 12.
	Over nearly level and gently rolling desert, through medium dense undergrowth; desc. 60 ft., over a gentle NW. slope to ¼ sec. cor.
34.80	Wagon road, bears N. to the Greenriver-Hanksville highway, and S. to D. B. Mecham's homestead, which is located in the southeast quarter of the southwest quarter of sec. 19, T. 26 S., R. 13 E.
39.875	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 5x4x3 ins., mkd, X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S1 S12 1934
44.80	Swale, drains northeasterly, 5 ft. below ¼ sec. cor.; asc. 40 ft., over a general SE. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8756

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
69.80	Top of ascent, bears NE. and SW.; over nearly level land to
79.75	The cor. of secs. 1, 2, 11, and 12.
	Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the NE.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush, mountain rush, and greasewood.
	Grazing, a fair growth of bunch and sand grass and weeds.

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

Over nearly level and gently rolling desert, through medium dense undergrowth; asc. gradually 45 ft., over a gentle SE. slope.

21.40 Top of ascent, bears NE. and SW.; desc. 25 ft., over a gradual NW. slope to ¼ sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a limestone, 5x4x3 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

S2 | S1

1934

Continue gradual descent of 40 ft., over NW. slope.

65.00 Swale, drains northeasterly; over nearly level land to

84.14 Intersect the 5th. Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a limestone, 6x2x1 ins., mkd. X, deposited at base, for closing cor. of secs. 1 and 2, with brass cap mkd.

T25S R12E
S35
S2 | S1
T26S | R12E
CC
1934

From point of intersection of the standard cor. of secs. 34 and 35, T. 25 S., R. 12 E., bears West, 12.63 chs. dist., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of the Fifth Standard Par. South through R.12 E. Group 213, Utah.

Land, nearly level and gently rolling, with a general drainage to the NE.

Soil, a red sand and sandy clay loam, 2nd. rate.

Timber, none.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch grass and weeds.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this group.

N.0°01'W., bet. secs. 34 and 35.

Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; desc. gradually 80 ft., over N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼

S34 | S35

1934

This cor. stands in bottom of swale, draining westerly.

48.00 Spur, 30 ft. above ¼ sec. cor., projects SW.; desc. 10 ft.

62.90 Draw, heads about 8 chs. NE., drains southwesterly; asc. gradually 20 ft.

65.50 Wagon road, bears NE. to D. B. Mecham's homestead, which is located in the southeast quarter of the southwest quarter of sec. 19, T. 26 S., R. 13 E. and Tasker oil well and SW. to Greenriver-Hanksville highway.

70.40 Top of ascent, bears northeasterly and southwesterly; desc. 15 ft.

72.40 Draw, drains southwesterly; asc. gradually 25 ft., over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a fire brick, 4x4x2 ins., mkd. X, deposited at base, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.

T26S | R12E
S27	S26
S34	S35

1934

Land, gently rolling and rolling, with sandstone outcroppings; general drainage to the SW.

Soil, a red sand and a sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.

Timber, none.

Undergrowth, mountain rush, rabbit brush, and sagebrush.

Grazing, a fair growth of sand grass and weeds.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	N.89°58'E., on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.03	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26, 35, and 36.
	Thence,
	S.89°59'W., on a true line bet. secs. 26 and 35.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. gradually 55 ft., over a general NW. slope.
36.60	Old road, bears N. and S.
40.015	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S26
S35
1934

69.90	Wagon road, bears northeasterly to D. B. Mecham's homestead, which is located in the southeast quarter of the southwest quarter of sec. 19, T. 26 S., R. 13 E., and Tas oil well and SW. to Greenriver-Hanksville highway.
70.80	Draw, 40 ft. below ¼ sec. cor., drains southwesterly; as gradually 30 ft., over SE. slope.
80.03	The cor. of secs. 26, 27, 34, and 35.
	Land, gently rolling and rolling, with a general drainage to the SW.
	Soil, a red sand and a sandy clay loam, several ft. deep lying on bedrock, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand grass and weeds.

	N.0°01'W., bet. secs. 26 and 27.
	Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; asc. gradually 60 ft., over a general SE. slope.
37.00	Ridge, bears northeasterly and southwesterly; desc. gradually 5 ft., over a general NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S27 | S26
1934

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
48.00	Head of draw, 10 ft. below ¼ sec. cor., drains southwesterly; asc. gradually 20 ft., over SE. slope.
58.00	Spur, projects southwesterly; desc. 20 ft., over gradual NW. slope.
71.00	Draw, drains southwesterly; asc. gradually 10 ft.
74.70	Spur, slopes southwesterly; desc. 10 ft., over gradual NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 5x3x2 ins., mkd. X, deposited at base, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.

T26S | R12E
S22 | S23
S27 | S26

1934

Land, nearly level, gently rolling, and rolling, with sandstone outcroppings, and sand dunes on postions of mile; general drainage to the SW.

Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

Grazing, a fair growth of sand grass and weeds.

N.89°59'E., on random line bet. secs. 23 and 26.

40.00	Set temp. ¼ sec. cor.
80.03	Intersect N. and S. line, at the cor. of secs. 23, 24, 25, and 26.

Thence,

S.89°59'W., on a true line bet. secs. 23 and 26.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; gradual ascent of 30 ft., over SE. slope.

8.80	Stock trail, bears northeasterly and southwesterly.
10.00	Swale, drains southwesterly; gradual ascent of 20 ft. to
40.015	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S23
S26
1934

54.60	Ridge, 30 ft. above ¼ sec. cor., bears northeasterly and southwesterly; gradual descent of 45 ft., over NW. slope, to sec. cor.
62.40	Old road, bears N. and S.

U. S. GOVERNMENT PRINTING OFFICE 1981 8—8165

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
80.03	The cor. of secs. 22, 23, 26, and 27.
	Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.
	Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush, rabbit brush, and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°01'W., bet. secs. 22 and 23.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 30 ft., over NW. slope.
29.60	Draw, drains southwesterly; asc. gradually 20 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S22 | S23
1934

	Asc. gradually 40 ft. to sec. cor., over a gentle S. slo
71.40	Old road, bears northwesterly and southeasterly.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. i the ground, with a sandstone, 4x3x1 ins., mkd. X, deposited at base, for cor. of secs. 14, 15, 22, and 23, with brass cap mkd.

T26S | R12E
S15 | S14
S22 | S23
1934

	Land, nearly level and gently rolling, with sand dunes o portions of mile; general drainage to the SW.
	Soil, a red sand and a sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.89°59'E., on random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
80.05	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23, and 24.
	Thence,
	S.89°57'W., on a true line bet. secs. 14 and 23.
	Over nearly level and gently rolling land, through scattering to a medium dense undergrowth; desc. 70 ft., over a general NW. slope.
40.025	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S14 / S23 / 1934
55.30	Draw, 15 ft. below ¼ sec. cor., drains southwesterly; asc. gradually 20 ft. to
80.05	The cor. of secs. 14, 15, 22, and 23.
	Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.
	Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°01'W., bet. secs. 14 and 15.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ / S15 | S14 / 1934
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with broken glass deposited at base, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.
	T26S | R12E / S10 | S11 / S15 | S14 / 1934
	Land, nearly level and gently rolling, with a southerly exposure.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

Chains	
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.89°57'E., on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.01	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13, and 14.
	Thence,
	S.89°58'W., on a true line bet. secs. 11 and 14.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. 25 ft. to
40.005	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S11 / S14 1934
80.01	The cor. of secs. 10, 11, 14 and 15.
	Land, nearly level and gently rolling, with a southeasterly exposure.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush, sagebrush, and rabbit brush.
	Grazing, a fair growth of sand and bunch grass.
	N.0°01'W., bet. secs. 10 and 11.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; gradual ascent of 25 ft., over a general SE. slope.
11.90	Main highway between Greenriver and Hanksville, Utah, bears northeasterly and southwesterly.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 4x4x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S10 | S11 1934
	Asc. gradually 5 ft., over SE. slope to

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
45.70	Top of ascent, bears NE. and SW.; desc. 95 ft., over gradual NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with broken glass deposited at base, for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.

T26S | R12E
S3 | S2
S10 | S11

1934

Land, nearly level and gently rolling; southeasterly exposure, S. 45.70 chs.; N. 34.30 chs. exposed to the NW.

Soil, a red sand and a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

Grazing, a fair growth of bunch grass and weeds.

N.89°58'E., on random line bet. secs. 2 and 11.

40.00	Set temp. ¼ sec. cor.
80.01	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 1, 2, 11, and 12.

Thence,

S.89°59'W., on a true line bet. secs. 2 and 11.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. 65 ft., over gradual SE. slope.

32.00	Top of ascent, bears northeasterly and southwesterly; desc. 5 ft. to
40.005	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S2
S11
1934

Over nearly level land to sec. cor.

54.50	Main highway between Greenriver and Hanksville, Utah, bears northeasterly and southwesterly.
80.01	The cor. of secs. 2, 3, 10, and 11.

Land, nearly level and gently rolling; southeasterly exposure, E. 32.00 chs.; W. 48.01 chs. exposed to the NW.

Soil, a red sand and sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

U. S. GOVERNMENT PRINTING OFFICE: 1951 0—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°01'W. on true line bet. secs. 2 and 3.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S3 | S2 1934
72.00	Draw, drains SW.
84.16	Intersect the 5th. Standard Parallel South.
	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with broken glass deposited at base, for closing cor. of secs. 2 and 3, with brass cap mkd. T25SR12E S34 S3 | S2 T26S | R12E CC 1934
	From point of intersection the standard cor. of secs. 33 and 34, T. 25 S., R. 12 E., bears West, 12.68 chs. dist., which is an iron post, 2 ins. in diam., firmly set marked and witnessed as described in the field notes of the survey of the Fifth Standard Par. S. through R.12 E. Group 213, Utah
	Land, nearly level and gently rolling, with a general exposure to the NW.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass, and weeds.
	From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this group.
	N.0°02'W., bet. secs. 33 and 34.
	Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; gradual descent of 20 ft., over NW. slope.
5.00	Draw, drains southwesterly; asc. gradually 130 ft., over SE. slope to

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S33 | S34
1934

Continue gradual ascent of 30 ft., over SE. slope.

50.00	E. edge of low mesa, bears northeasterly and southwesterly; over nearly level top to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a quart of charcoal deposited at base, for cor. of secs. 27, 28, 33, and 34, with brass cap mkd.

T26S | R12E
S28 | S27
S33 | S34
1934

Land, rolling, with general drainage southeasterly to a main draw, thence southwesterly, S. 50.00 chs.; nearly level and gently rolling top of mesa, remainder of mile.

Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of sand and bunch grass and weeds.

N.89°58'E., on random line bet. secs. 27 and 34.

40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line, at the cor. of secs. 26, 27, 34, and 35.

Thence,

S.89°58'W., on a true line bet. secs. 27 and 34.

Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; asc. gradually 20 ft., over SE. slope.

24.00	Ridge, bears northeasterly and southwesterly; desc. gradually 55 ft. to ¼ sec. cor., over NW. slope.
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S27
S34
1934

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

46.00 Dram, 20 ft. below ¼ sec. cor., drains E. about 10 chs. dist., thence southeasterly; sec. gradually 75 ft., over E. slope.

64.00 E. edge of mesa, bears northerly and southerly; over nearly level top to

80.02 The cor. of secs. 27, 28, 33, and 34.

Land, gently rolling and rolling, with a general drainage southeasterly, E. 64.00 chs.; remainder of mile over nearly level and gently rolling top of mesa.

Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of sand and bunch grass and weeds.

N.0°02'W., bet. secs. 27 and 28.

Over nearly level and gently rolling top of mesa, through scattering to a medium dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 8x4x4 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼

S28 | S27

1934

Gradual ascent of 40 ft., over SE. slope.

66.70 Main highway between Greenriver and Hankaville, Utah, bears northeasterly and southwesterly.

67.00 W. edge of mesa, bears northeasterly and southwesterly; descend gradually 30 ft. to sec. cor., over NW. slope.

75.00 Slope changes from NW. to W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a sandstone, 5x4x3 ins., mkd. X, deposited at base, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

T26S | R12E

S21 | S22

S28 | S27

1934

Land, nearly level and gently rolling top of mesa, with southeasterly exposure, S. 67.00 chs.; remainder of mile along NW. and W. slope of mesa.

Soil, a red sand and sandy clay loam, 10 ins. to several ft. deep, lying on bedrock, 2nd. rate.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.89°58'E., on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.07	Intersect N. and S. line, 9 lks. N. of the cor. of secs. 22, 23, 26, and 27.
	Thence,
	N.89°58'W., on a true line bet. secs. 22 and 27.
	Over gently rolling and rolling desert, through scattering to a medium dense undergrowth; desc. 15 ft., over gradual NW. slope.
10.90	Draw, drains southwesterly; asc. 65 ft.
17.40	E. edge of mesa, bears northeasterly and southwesterly; asc. gradually 15 ft. to ¼ sec. cor., over top.
40.035	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 5x4x4 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S22 / S27 / 1934
73.00	W. edge of mesa, 30 ft. above ¼ sec. cor., bears northeasterly and southerly; main highway between Greenriver and Hanksville, Utah, bears northeasterly and southwesterly; desc. 45 ft., over gradual W. slope to
80.07	The cor. of secs. 21, 22, 27, and 28.
	Land, gently rolling and rolling, E. 17.40 chs.; nearly level top of mesa, from 17.40 chs. to 73.00 chs.; remainder of mile, over W. slope of mesa; general drainage to the SW.
	Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of bunch and sand grass and weeds.
	N.0°02'W., bet. secs. 21 and 22.
	Over rolling desert, through scattering to a medium dense undergrowth; along W. slope.
0.20	Leave W. slope and asc. abruptly 35 ft., over S. slope.
2.20	Spur, projects southwesterly; desc. gradually 85 ft.,

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	over NW. slope.
31.60	Wash, 10 lks. wide, 1 ft. deep, in bottom of draw, drai southwesterly; asc. 20 ft., over gradual SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼

S21 | S22

1934

45.40	Spur, 65 ft. above ¼ sec. cor., projects southwesterly; desc. gradually 110 ft., over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. i the ground, with a limestone, 8x5x5 ins., mkd. X, deposited at base, for cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

T26S | R12E
S16 | S15
S21 | S22

1934

Land, rolling, with a southwesterly exposure and drainag

Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch and sand grass and weed

S.89°58'E., on random line bet. secs. 15 and 22.

40.00	Set temp. ¼ sec. cor.
80.07	Intersect N. and S. line, 14 lks. S. of the cor. of secs 14, 15, 22, and 23.

Thence,

S.89°56'W., on a true line bet. secs. 15 and 22.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.

12.40	Old road, bears northwesterly and southeasterly.
27.60	Main highway between Greenriver and Hanksville, Utah, bears northeasterly and southwesterly.
40.035	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	$\frac{S15}{S22}$ 1934
61.20	W. edge of mesa, bears northeasterly and southwesterly; desc. abruptly 140 ft., over NW. slope to
80.07	The cor. of secs. 15, 16, 21, and 22.
	Land, nearly level and gently rolling, E. 61.20 chs.; remainder of mile, over NW. slope of mesa; general exposure to the E. and NW.
	Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of bunch grass and weeds.

	N.0°02'W., bet. secs. 15 and 16.
	Over rolling desert, through scattering to a medium dense undergrowth; desc. gradually 30 ft., over NW. slope.
27.90	Wash, 20 lks. wide, 6 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 15 ft.
31.00	Spur, projects southwesterly; desc. gradually 35 ft., over a series of small washes and spurs, putting to the SW.
35.60	Gulch, 100 lks. wide, rimmed with sandstone walls, 60 ft. high, drains southwesterly; asc. abruptly 95 ft., over SE. slope.
39.70	Spur, projects southwesterly; desc. gradually 5 ft. to
39.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 2½ ft. high, for witness cor. to the ¼ sec. cor., with brass cap mkd.
	WC ¼ S16 | S15 1934
	Continue gradual ascent of 10 ft., over broken SE. slope to
40.00	True point for ¼ sec. cor. falls on a crumbling sandstone outcropping, bearing northeasterly and southwesterly, where it is impracticable to establish a cor. monument or mark a cross (X); desc. 5 ft. to
41.00	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 5 ft.
42.00	Spur, projects southwesterly; desc. gradually 45 ft., over NW. slope.
45.20	Gulch, 150 lks. wide, rimmed by red sandstone walls, 100

U. S. GOVERNMENT PRINTING OFFICE, 1951 6—8155

Chains

ft. high, drains southwesterly; asc. abruptly 185 ft., over SE. slope.

56.90 Spur, projects southwesterly; desc. 75 ft., over gradua NW. slope.

73.90 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw; drai SW., ascend gradually 75 ft. to

79.75 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) chiseled into surface rock, and in a mound of stone, 5 ft. base, 2½ ft. high, for witness cor. of secs 9, 10, 15, and 16, with brass cap mkd.

WC
T26S | R12E
S9 | S10
S16 | S15
1934

80.00 Spur, projects southwesterly.

True point for cor. of secs. 9, 10, 15, and 16, falls on crumbling sandstone outcropping, 5 ft. high, bears NE. a SW., where it is impracticable to establish a cor. monument or mark a cross (X).

Land, rough, rolling, and broken, with surface sandstone exposed on portions of mile; general drainage to the SW.

Soil, a gray and red colored sandy clay loam, about 6 in to 2 ft. deep, lying on bedrock, 2nd. to 3rd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch grass and weeds.

From true point for the cor. of secs. 9, 10, 15, and 16,

N.89°56'E., on random line bet. secs. 10 and 15.

40.00 Set temp. ¼ sec. cor.

80.05 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14, and 15.

Thence,

S.89°55'W., on a true line bet. secs. 10 and 15.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.

6.10 Main highway, between Greenriver and Hankaville, Utah, bears northeasterly and southwesterly.

40.025 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 5x3x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S10
S15
1934

Chains	
	This cor. stands on top of ascent or mesa, bearing NE. and S.; desc. gradually 25 ft., over NW. slope.
49.20	W. edge of mesa, bears northeasterly and southwesterly; desc. abruptly 135 ft., over broken NW. slope.
64.10	Base of abrupt descent, bears northeasterly and southwesterly; asc. gradually 25 ft. to sec. cor., over gentle SE. slope.
80.05	True point for the cor. of secs. 9, 10, 15, and 16.
	Land, nearly level and gently rolling, E. half mile and W. 15.95 chs.; from 40.00 chs. to 64.10 chs., over rolling and broken NW. slope, with surface rock and outcroppings of sandstone formation; general exposure to the SE., E. half mile; W. half mile exposed to the NW.
	Soil, a red sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate, E. half mile; W. half mile, a light gray and red colored sand and sandy clay loam, from 6 ins. to 3 ft. deep, lying on bedrock, 2nd. to 3rd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of bunch grass and weeds.

From true point for the cor. of secs. 9, 10, 15, and 16,

N.0°02'W., bet. secs. 9 and 10.

Over rolling desert, through scattering to a medium dense undergrowth; desc. 25 ft., over gradual NW. slope.

5.40	Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 25 ft., over SE. slope.
13.10	Spur, projects southwesterly; desc. gradually 50 ft., over NW. slope to ¼ sec. cor.
29.00	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with a sandstone, 8x3x1½ ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S9 | S10
1934

This cor. stands in bottom of depression, draining southwesterly; asc. gradually 15 ft., over SE. slope.

59.30	Spur, which is extreme edge of mesa, projects southwesterly about 20 chs. dist.; desc. gradually 100 ft., over general NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with a sandstone, 6x4x2 ins., mkd. X, deposited at base, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

U. S. GOVERNMENT PRINTING OFFICE, 1921 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains

T26S | R12E
S4 | S3
S9 | S10

1934

Land, rough, rolling, and broken, with surface sandston exposed on portions of mile; general drainage to the SW.

Soil, a gray and red colored sandy clay loam, about 6 i to 2 ft. deep, lying on bedrock, 2nd. to 3rd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch grass and weeds.

N.89°55'E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

80.11 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 gently rolling and rolling desert, through scattering to a medium dense undergrowth; desc. gradually 20 ft over NW. slope.

10.90 N. extreme edge of mesa, bears northeasterly about 5 chs dist., where it flattens into nearly level land, and southwesterly; desc. gradually 55 ft., over NW. slope to

40.055 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground, with a sandstone, 5x4x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap. mkd.

¼ S3
S10
1934

Continue descent of 30 ft.

49.00 Draw, drains northwesterly; asc. gradually 15 ft., over SE. slope.

57.00 Spur, projects northeasterly about 8 chs. dist.; desc. gradually 140 ft., over general NW. slope.

80.11 The cor. of secs. 3, 4, 9, and 10.

Land, gently rolling and rolling, with a general drainage to the NW. into a main draw, thence southwesterly.

Soil, a light gray and red colored sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Grazing, a fair growth of bunch grass and weeds.
	N.0°02'W., on a true line bet. secs. 3 and 4.
	Over rolling and gently rolling desert, through scattering to a medium dense undergrowth; desc. 35 ft., over gradual NW. slope.
21.30	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 40 ft. to ¼ sec. cor., over SE. slope.
33.30	Sandstone outcropping, bears northwesterly and southeasterly.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a glass bottle deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S4 | S3
1934

45.00	Slope changes from SE. to SW.
61.50	Spur, 65 ft. above ¼ sec. cor., projects southeasterly; desc. gradually 5 ft., over NE. slope to
64.40	Wash, 5 lks. wide, 1 ft. deep, in bottom of draw, drains southeasterly into a main draw, thence southwesterly; asc. gradually 50 ft. to
84.36	Intersect the 5th. Standard Parallel South.
	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a glass bottle deposited at base, for closing cor. of secs. 3 and 4, with brass cap mkd.

T25SR12E
S33
S4 | S3
T26S | R12E
CC
1934

From point of intersection, the standard cor. of secs. 32 and 33, T. 25 S., R. 12 E., bears West, 12.62 chs. dist., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of the Fifth Standard Par. S. through R.12 E. Group 213, Utah.

Land, gently rolling and rolling, with a general drainage to the SW.

Soil, a red sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, fair growth of bunch grass and weeds.

U. S. GOVERNMENT PRINTING OFFICE: 1951 8—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this group.
	N.0°03'W., bet. secs. 32 and 33.
	Over gently rolling desert, through scattering to a medi dense undergrowth; desc. gradually 10 ft., over NW. slop
7.10	Wash, 20 lks. wide, 5 ft. deep, in bottom of draw, drain southwesterly; asc. gradually 20 ft., over SE. slope.
13.60	Top of ascent, bears northeasterly and southwesterly; desc. gradually 95 ft., over NW. slope to
40.00	In bottom of draw, draining southwesterly,
	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 9x6x3 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S32 | S33 1934
50.90	Top of ascent, 10 ft. above ¼ sec. cor., projects wester desc. 15 ft.
66.90	Small depression, drains southwesterly; asc. 10 ft.
74.90	Spur, projects southwesterly; desc. gradually 5 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 6x3x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	T26S | R12E S29 | S28 S32 | S33 1934
	Land, gently rolling, with a general drainage to the SW.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, fair growth of bunch grass and weeds.
	N.89°58'E., on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33, and 34.
	Thence,

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	S.89°59'W., on a true line bet. secs. 28 and 33.
	Over nearly level and gently rolling top of mesa, through scattering to a medium dense undergrowth.
14.70	This highway, between Greenriver and Hanksville, Utah, bears northeasterly and southwesterly.
30.20	W. edge of mesa, bears northerly and southerly; desc. abruptly 100 ft. to ¼ sec. cor., over NW. slope.
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S28 / S33 / 1934
	Continue descent of 55 ft.
48.10	Base of abrupt descent, bears northeasterly and southwesterly; desc. 70 ft., over gradual NW. slope to
65.00	Slope changes from NW. to W..
80.06	The cor. of secs. 28, 29, 32, and 33.
	Land, nearly level and gently rolling top of mesa, E. 30.20 chs.; abrupt NW. slope of mesa, from 30.20 chs. to 48.10 chs.; remainder of mile over nearly level and gently rolling; general exposure to the NW.
	Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of bunch and sand grass and weeds.
	N.0°03'W., bet. secs. 28 and 29.
	Over gently rolling desert, through scattering to a medium dense undergrowth; desc. gradual NW. slope 10 ft.
2.00	Draw, drains southwesterly; asc. gradually 10 ft.
10.00	Spur, projects westerly; desc. 10 ft., over gradual N. slope.
28.80	Draw, drains southwesterly; asc. gradually 15 ft., to ¼ sec. cor., over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with sandstone, 4x4x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S29 | S28 / 1934

U. S. GOVERNMENT PRINTING OFFICE 1951 9—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Continue ascent of 15 ft.
44.90	Spur, projects southwesterly; desc. gradually 35 ft., over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a sandstone, 4x3x2 ins., mkd. X, deposited at base, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.

T26S | R12E
S20 | S21
S29 | S28

1934

Land, gently rolling and rolling, with a general drainage to the SW.

Soil, a red sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch and sand grass and weeds.

N.89°59'E., on random line bet. secs. 21 and 28.

40.00	Set temp. ¼ sec. cor.
80.07	Intersect N. and S. line, 5 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 rolling and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 20 ft., along S. slope.

0.80	Slope changes from S. to SE.
7.10	Spur, projects southwesterly; desc. gradually 30 ft., over NW. slope.
9.00	Wash, 10 lks. wide, 2 ft. deep, drains northwesterly about 2 chs. dist., thence southwesterly.
12.80	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 30 ft., over SE. slope.
16.80	Spur, projects southwesterly; desc. gradually 105 ft., over NW. slope,
35.00	Slope becomes more gradual, or over nearly level land.
40.035	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 4x3x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S21
S28

1934

SUBDIVISION OF T. 26 S., R. 12 E.

Chains

Desc. gradually 130 ft. to sec. cor., over general NW. slope.

80.07 The cor. of secs. 20, 21, 28, and 29.

Land, rolling and gently rolling, with a general drainage to the SW., E. 16.80 chs.; remainder of mile over gently rolling land, with a NW. exposure.

Soil, a red sand and sandy clay loam, several ft. deep, lying on bedrock, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch and sand grass and weeds.

N.0°03'W., bet. secs. 20 and 21.

Over rolling and gently rolling desert, through scattering to a medium dense undergrowth; desc. 5 ft., over gradual NW. slope.

0.30 Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 30 ft., over SE. slope.

10.50 Spur, projects southwesterly; desc. gradually 40 ft., over general NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 6x4x4 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S20 | S21
1934

Thence over nearly level and gently rolling land to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 8x8x3 ins., mkd. X, deposited at base, for cor. of secs. 16, 17, 20, and 21, with brass cap mkd.

T26S | R12E
S17 | S16
S20 | S21
1934

Land, gently rolling and rolling S. half mile; remainder of mile, nearly level; general exposure to the NW.

Soil, a red sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

Grazing, a fair growth of sand and gramma grass and weeds.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	N.89°57'E., on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.03	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 15, 16, 21, and 22.
	Thence,
	S.89°59'W., on a true line bet. secs. 16 and 21.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 30 ft., over W. slope.
8.00	Rocky knoll, bears N. about 2 chs. dist., and S. approximately 2 chs. dist.; desc. gradually 130 ft. to
40.015	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S16 | S21
1934

	Continue gradual descent of 70 ft., over W. slope to
80.03	The cor. of secs. 16, 17, 20, and 21.
	Land, nearly level and gently rolling, with a general exposure to the W.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand grass and weeds.
	N.0°03'W., bet. secs. 16 and 17.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 6x4x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S17 | S16
1934

80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 10x8x4 ins., mkd. X, deposited at base, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

T26S | R12E
S8 | S9
S17 | S16
1934

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Land, nearly level and gently rolling, with general exposure to the SW.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush, sagebrush, and rabbit brush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.89°59'E., on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.07	Intersect N. and S. line, 12 lks. N. of the true point for cor. of secs. 9, 10, 15 and 16.
	Thence,
	N.89°56'W., on a true line bet. secs. 9 and 16.
	Over rolling desert, through scattering to a medium dense undergrowth; desc. gradually 120 ft., over NW. slope to sec. cor.
9.30	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
38.70	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
40.035	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S9 / S16 / 1934
	This cor. stands in small depression, draining southwesterly; asc. gradually 5 ft.
44.80	Spur, slopes southwesterly; desc. gradually 100 ft., over NW. slope.
80.07	The cor. of secs. 8, 9, 16, and 17.
	Land, gently rolling and rolling, with general drainage to the SW.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush, sagebrush, and rabbit brush.
	Grazing, fair growth of sand and bunch grass and weeds.
	N.0°03'W., bet. secs. 8 and 9.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. gradually 65 ft. to

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 7x5x4 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd. ¼ S8 | S9 1934
	Continue ascent of 120 ft. to sec. cor.
61.60	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with sandstone, 8x6x2 ins., mkd. X, deposited at base, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd. T26S | R12E S5 | S4 S8 | S9 1934
	Land, nearly level and gently rolling, with a general exposure and drainage to the SW.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush and rabbit brush.
	Grazing, a fair growth of sand and bunch grass and weeds.

	S.89°56'E., on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.07	Intersect N. and S. line, at the cor. of secs. 3, 4, 9, and 10.
	Thence,
	N.89°56'W., on a true line bet. secs. 4 and 9.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. gradually 45 ft., over NW. slope.
20.20	Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, drains southwesterly; gradual ascent of 45 ft. to
40.035	Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) chiseled into solid rock, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd. ¼ S4 S9 1934
	Continue gradual ascent of 90 ft. to
80.07	The cor. of secs. 4, 5, 8, and 9.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Land, nearly level and gently rolling, with a southwesterly exposure.
	Soil, a sandy clay loam, rocky in places, from 2 ins. to several ft. deep, lying on bedrock, 2nd to 4th rate. Surface sandstone formation exposed on portions of mile.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°03'W., on a true line bet. secs. 4 and 5.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 50 ft.
10.74	Transit point; spur, projects southwesterly; desc. abruptly 180 ft., over broken NW. slope.
28.60	Wash, 10 lks. wide, 2 ft. deep, in bottom of gulch, drains southwesterly; asc. gradually 25 ft., over rough and broken SE. slope.
30.40	Base of abrupt ascent, bears northeasterly and southwesterly; asc. 95 ft. to
32.12	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with broken glass deposited at base, and in a mound of stone to top, for witness cor. to the ¼ sec. cor., with brass cap mkd.

WC
¼
S 5 | S 4
1934

This cor. stands at base of a broken and perpendicular sandstone ledge, about 200 ft. high, bearing northeasterly and southwesterly.

40.00 True point for the ¼ sec. cor., falls on inaccessible butte, where the establishment of a cor. monument is impracticable.

North, from the 32.12 ch. point, chaining is impossible, because of a steep, rough, and rugged top of butte known as the South Gilson Butte, therefore, I return to the 10.74 ch. point and offset.

West, 10.70 chs.

Thence

N.0°03'W., 73.75 chs. At 23.60 chs. wash, 10 lks. wide, 2 ft. deep, in bottom of gulch drains southwesterly; asc. abruptly 205 ft., over rough and broken SE. slope.

At 33.10 chs. wash, 10 lks. wide 2 ft. deep, drains southwesterly.

U. S. GOVERNMENT PRINTING OFFICE 1951 0—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	At 46.30 chs. rocky spur, pr[o]jects southwesterly; desc. abruptly 155 ft., over brok[en] NW. slope.
	At 62.10 chs. draw, drains no[rth] easterly; asc. gradually 45 ft., over SE. slope.
	At 71.60 chs. N. edge of Soutl[h] Gilson Butte, bears E. about 12 chs. dist.
	At 74.00 chs. rocky spur, slop[es] SW.; desc. gradually 50 ft., over NW. slope.
	East, 10.70 chs. to
84.29	Intersect the 5th Standard Parallel South.
	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 4x4x3 ins., mkd. X, deposited at base, for closing cor. of secs. 4 and 5, with brass cap mkd.

T25S R12E
S 32
S 5 | S 4
T26S | R12E
CC
1934

From point of intersection the standard cor. of secs. 31 and 32, T. 25 S., R. 12 E., bears West, 12.55 chs. dist. which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of the Fifth Standard Par. S. through R.12 E., Group 213, Utah.

Land, nearly level and gently rolling, S. 10.70 chs.; from 10.70 chs. to 32.12 chs. and N. 12.70 chs., rough and broken; from 32.12 chs. to 71.60 chs., over rough, broken, and steep slopes and top of butte, known as the South Gilson Butte; outcroppings, perpendicular ledges, surface rock, and boulders of a dark red sandstone formation; general drainage to the SW.

Soil, a dark red sand and sandy clay loam, about 2 ins. to 3 ft. deep, lying on bedrock, 2nd to 4th rate.

Timber, none.

Undergrowth, rabbit brush and mountain rush; no undergrowth on top of South Gilson Butte.

Grazing, a poor to fair growth of sand and bunch grass and weeds.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set, marked and witnessed as described in the field notes of the survey of T. 27 S., R. 12 E., of this group

N.0°03'W., bet. secs. 31 and 32.

Over nearly level and gently rolling desert, through med[ium]

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	ium dense undergrowth; asc. 5 ft., over gradual SE. slope.
1.00	Top of ascent, bears northeasterly and southwesterly; desc. gradually 80 ft., over NW. slope.
38.00	Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, drains northwesterly; asc. gradually 10 ft., over SW. slope.
40.00	On top of ascent, bears northwesterly about 15 chs. dist., and southeasterly.
	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 5x3x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S31 | S32
1934

45.00	Draw, 5 ft. below ¼ sec. cor., heads W. about 10 chs. dist., drains southeasterly; asc. gradually 10 ft.
50.00	Top of ascent, bears southwesterly and northeasterly about 10 chs. dist.; desc. gradually 20 ft. to sec. cor., over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a sandstone, 8x5x2 ins., mkd. X, deposited at base, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

T26S | R12E
S30 | S29
S31 | S32
1934

Land, nearly level, gently rolling, and rolling, with sand dunes on portions of mile; general drainage to the NW.

Soil, a light red sand and a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, sagebrush and mountain rush.

Grazing, a fair growth of bunch and sand grass and weeds.

N.89°58'E., on random line bet. secs. 29 and 32.

40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29, 32, and 33.

Thence,

West, on a true line bet. secs. 29 and 32.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 10 ft., along gradual NW. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1931 8—8155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
2.00	Draw, drains southwesterly; asc. gradually 5 ft.
5.00	Top of ascent, bears northeasterly and southwesterly; desc. 80 ft., over gradual NW. slope.
31.40	Fork of two draws, one from NE. and one from NW., drains southeasterly about 10 chs. dist., thence southwesterly; asc. gradually 20 ft., over E. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 6x4x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S29
S32
1934

45.00	Top of ascent, 5 ft. above ¼ sec. cor., bears northerly and southerly; desc. gradually 40 ft. to sec. cor., over W. slope.
60.00	Slope changes from W. to NW.
80.00	The cor. of secs. 29, 30, 31, and 32.

Land, nearly level and gently rolling, with sand dunes in portions of mile; general drainage to the SW.

Soil, a light red sand and a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, sagebrush, mountain rush, and black brush.

Grazing, a fair growth of bunch and sand grass and weeds.

S.89°58'W., on random line bet. secs. 30 and 31.

40.00	Set temp. ¼ sec. cor.
75.64	Intersect the W. bdy. of the Tp., 11 lks. S. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.

Thence,

S.89°57'E., on a true line bet. secs. 30 and 31.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 40 ft.

22.60	Top of ascent, bears northeasterly and southwesterly; desc. 10 ft., over gradual SE. slope.
30.60	Small depression, drains southerly; gradual ascent of 10 ft. to ¼ sec. cor., over NW. slope.
35.64	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 5x4x3 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼ S30
S31
1934

U. S. GOVERNMENT PRINTING OFFICE 1941 9—6155

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Continue gradual ascent of 50 ft., over NW. slope to
75.64	The cor. of secs. 29, 30, 31, and 32.
	Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.
	Soil, a light red sand and a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush, greasewood, and mountain rush.
	Grazing, a fair growth of bunch and sand grass and weeds.
	N.0°03'W., bet. secs. 29 and 30.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with a sandstone, 8x6x3 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S30 | S29 1934
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with a sandstone, 11x6x2 ins., mkd. X, deposited at base, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.
	T26S | R12E S19 | S20 S30 | S29 1934
	Land, nearly level and gently rolling, with sand dunes on portions of mile; general exposure to the SW.
	Soil, a light red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush, yellow top, mountain rush, and black brush.
	Grazing, a fair growth of bunch and sand grass and weeds.
	East, on random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line; 9 lks. N. of the cor. of secs. 20, 21, 28, and 29.
	Thence,
	N.89°56'W., on a true line bet. secs. 20 and 29.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—6155

SUBDIVISION OF T. 25 S., R. 12 E.

Chains	
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 5 ft., over gradual NW. slope.
0.30	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drai southwesterly; asc. gradually 5 ft.
1.00	Top of ascent, bears N. and S.; desc. gradually 20 ft., over W. slope.
8.00	Draw, heads NE. about 5 chs. dist., drains southwesterly asc. gradually 20 ft., over SE. slope.
16.00	Spur, projects southwesterly; desc. gradually 35 ft., o NW. slope.
32.00	Draw, drains southwesterly; asc. gradually 10 ft., over SE. slope to
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. i the ground, with a sandstone, 6x3x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd. $\frac{\frac{1}{4}\ S20}{S29}$ 1934
49.50	Knoll, 10 ft. above ¼ sec. cor., bears NE. about 8 chs. dist., and SW. about 8 chs. dist.; desc. gradually 80 ft to sec. cor., over W. slope.
79.98	The cor. of secs. 19, 20, 29, and 30.
	Land, nearly level and gently rolling, with sand dunes o portions of mile; general drainage to the SW.
	Soil, a light red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, black brush and mountain rush.
	Grazing, a fair growth of bunch and sand grass and weeds.
	N.89°57'W., on random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
75.43	Intersect the W. bdy. of the Tp., 7 lks. N. of the cor. o secs. 19, 24, 25, and 30, hereinbefore described.
	Thence,
	East, on a true line bet. secs. 19 and 30.
	Over nearly level and gently rolling desert, through scattering undergrowth.
23.70	Old wagon road, bears northerly and southerly.
35.43	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with sandstone, 6x4x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd. $\frac{\frac{1}{4}\ S19}{S30}$ 1934

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	Asc. gradually 10 ft., over NW. slope.
45.20	Spur, projects northeasterly; desc. gradually 30 ft., over SE. slope.
67.40	Swale, drains southerly; asc. gradually 10 ft. to
75.43	The cor. of secs. 19, 20, 29, and 30.

Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.

Soil, a light red sand and sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, black brush and mountain rush.

Grazing, a fair growth of bunch and sand grass and weeds.

N.0°03'W., bet. secs. 19 and 20.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 8x6x4 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S19 | S20
1934

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 8x6x2 ins., mkd. X, deposited at base, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

T26S | R12E
S18 | S17
S19 | S20
1934

Land, nearly level and gently rolling, with a southwesterly exposure.

Soil, a sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and rabbit brush.

Grazing, a fair growth of sand and bunch grass and weeds.

S.89°56'E., on random line bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, at the cor. of secs. 16, 17, 20, and 21.

U. S. GOVERNMENT PRINTING OFFICE: 1951 O—8155

Chains	
	Thence,
	N.89°56'W., on a true line bet. secs. 17 and 20.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 40 ft., over a general SW. slope to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S17 / S20 1934
	Continue descent of 30 ft. to
79.96	The cor. of secs. 17, 18, 19, and 20.
	Land, nearly level and gently rolling, with a southwesterly exposure.
	Soil, a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and rabbit brush.
	Grazing, a fair growth of sand and bunch grass and weeds
	West, on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
75.34	Intersect the W. bdy. of the Tp., at the cor. of secs. 13, 18, 19, and 24, hereinbefore described.
	Thence,
	East, on a true line bet. secs. 18 and 19.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; desc. 25 ft., over general SE. slope.
10.90	Draw, drains southwesterly; asc. 20 ft.
15.50	Spur, projects southwesterly; desc. 50 ft.
24.90	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. gradually 30 ft., over NW. slope.
30.40	Top of ascent, bears northeasterly and southwesterly; desc. gradually 10 ft., over SE. slope to
35.34	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S18 / S19 1934
	This cor. stands in bottom of swale, draining SW.
38.60	Old wagon road, bears N. and S.

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
56.70	Spur, 50 ft. above ¼ sec. cor., projects southwesterly; desc. gradually 30 ft., over SE. slope.
65.60	Draw, drains southwesterly; asc. gradually 25 ft., over SW. slope to
75.34	The cor. of secs. 17, 18, 19, and 20.

Land, nearly level and gently rolling, with sand dunes on portions of mile; general drainage to the SW.

Soil, a light red sand and sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

Grazing, a fair growth of sand and bunch grass and weeds.

N.0°03'W., bet. secs. 17 and 18.

Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. 60 ft. to ¼ sec. cor., over general SW. slope.

22.00	Slope changes from SW. to SE.
35.00	Slope changes from SE. to E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.

S18 | S17

1934

Continue gradual ascent of 70 ft. to

80.00	On top of spur which forks, one projecting southeasterly, and one projecting southwesterly,

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with broken glass deposited at base, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.

T26S | R12E	
S7	S8
S18	S17

1934

Land, nearly level and gently rolling, with a general exposure to the SW., SE., and E.

Soil, a light colored sand and sandy clay loam, 2nd. rate.

Timber, none.

Undergrowth, mountain rush and sagebrush.

Grazing, a fair growth of sand and gramma grass and weeds.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8166

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
	S.89°56'E., on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16, and 17.
	Thence,
	N.89°57'W., on a true line bet. secs. 8 and 17.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S8 / S17 / 1934
71.94	Begin gradual ascent of 10 ft., over NE. slope to
79.94	The cor. of secs. 7, 8, 17, and 18.
	Land, nearly level and gently rolling, with general exposure to the S., except W. 8.00 chs., which is exposed to the NE.
	Soil, a light colored red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and rabbit brush.
	Grazing, a fair growth of sand and bunch grass and weeds
	West, on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
75.20	Intersect the W. bdy. of the Tp., 2 lks. N. of the cor. of secs. 7, 12, 13, and 18, hereinbefore described.
	Thence,
	N.89°59'E., on a true line bet. secs. 7 and 18.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
10.20	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
35.20	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S7 / S18 / 1934
45.90	Old wagon road, bears northerly and southerly.
65.70	Begin gradual ascent of 25 ft., over SW. slope to

SUBDIVISION OF T. 26 S., R. 12 E.

Chains	
75.20	The cor. of secs. 7, 8, 17, and 18.
	Land, nearly level and gently rolling, with general exposure and drainage to the SW.
	Soil, a light red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush and mountain rush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°03'W., bet. secs. 7 and 8.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 6x5x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

¼
S7 | S8
1934

	Begin gradual ascent of 10 ft.
44.20	Spur, projects southwesterly; desc. 40 ft.
57.50	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drains southwesterly; asc. 45 ft.
67.80	Spur, projects southwesterly; desc. gradually 20 ft., over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 4x4x4 ins., mkd. X, deposited at base, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T26S | R12E
S6 | S5
S7 | S8
1934

	Land, nearly level, gently rolling, and rolling, with a southwesterly drainage.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush, rabbit brush, and sagebrush.
	Grazing; a fair growth of sand and bunch grass and weeds.
	S.89°57'E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.

U. S. GOVERNMENT PRINTING OFFICE: 1991 6—8155

Chains	
79.93	Intersect N. and S. line, at the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N.89°57'W., on a true line bet. secs. 5 and 8.
	Over gently rolling and rolling desert, through scatter to a medium dense undergrowth; desc. gradually 110 ft. t ¼ sec. cor.
35.90	Descent becomes more abrupt.
39.965	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. i the ground, with a sandstone, 4x4x1 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.
	¼ S5 / S8 1934
	Continue descent of 60 ft., over NW. slope.
56.70	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, drai southwesterly; gradual ascent of 40 ft., over SE. slope
64.20	Spur, projects southwesterly; desc. gradually 40 ft., over NW. slope to
79.93	The cor. of secs. 5, 6, 7, and 8.
	Land, gently rolling and rolling, with a southwesterly drainage.
	Soil, a red sandy clay loam, several ft. deep, lying on bedrock, 2nd. to 3rd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds
	S.89°59'W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
75.12	Intersect the W. bdy. of the Tp., 2 lks. S. of the cor. secs. 1, 6, 7, and 12, hereinbefore described.
	Thence,
	East, on a true line bet. secs. 6 and 7.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth; asc. gradually 10 ft., over SW. slope.
5.20	Top of ascent, bears northwesterly and southerly; desc. gradually 30 ft. to ¼ sec. cor., over E. slope.
35.12	In bottom of draw, draining southwesterly,
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 5x3x2 ins., mkd. X, deposited at base, for ¼ sec. cor., with brass cap mkd.

Chains	
	$\frac{1}{4}$ S6 / S7 1934
	Begin gradual ascent of 65 ft., over NW. slope to sec. cor.
67.10	Old wagon road, bears N. about 10 chs. dist., thence NE., and southerly.
75.12	The cor. of secs. 5, 6, 7, and 8.
	Land, nearly level and gently rolling, with a southwesterly drainage.
	Soil, a red sand and sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and sagebrush.
	Grazing, a fair growth of sand and bunch grass and weeds.
	N.0°03'W., on a true line bet. secs. 5 and 6.
	Over nearly level and gently rolling desert, through scattering to a medium dense undergrowth.
18.10	Old wagon road, bears northeasterly and southwesterly.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 5x4x2 ins., mkd. X, deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S6 | S5 1934
56.00	Wash, 10 lks. wide, 2 ft. deep, drains southwesterly.
84.20	Intersect the 5th. Standard Parallel South.
	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a sandstone, 5x4x2 ins., mkd. X, deposited at base, for closing cor. of secs. 5 and 6, with brass cap mkd.
	T25SR12E S31 / S6 | S5 / T26S | R12E CC 1934
	From point on intersection, the standard cor. of Tps. 25 S., Rs. 11 and 12 E., bears West, 12.67 chs. dist., which is an iron post, 3 ins. in diam., firmly set marked and witnessed as described in the field notes of the survey of the 5th. Standard Parallel South, through R. 11 E., Group 213, Utah.
	Land, nearly level and gently rolling, with a general drainage to the SW.

Chains	
	Soil, a red sand and a sandy clay loam, 2nd. rate.
	Timber, none.
	Undergrowth, mountain rush and rabbit brush.
	Grazing, a fair growth of sand and bunch grass and weed
	ESTABLISHMENT OF THE ¼ SEC. CORS. BET. CLOSING CORS. ON THE NORTH BDY. OR THE 5TH. STANDARD PARALLEL SOUTH.
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 35, T. 25 S., R. 12 E., which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record, thence
	East.
12.455	Mid-point bet. the closing cor. of secs. 1 and 2, herein before described, and the closing cor. of Tps. 26 S., R. 12 and 13 E., which is an iron post, 3 ins. in diam., firmly set, marked and witnessed as described in the official record.
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a quart of charcoal, deposited at base for ¼ sec. cor. of sec. 1 only, with brass cap mkd.
	¼ S1 1934
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 34, which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record thence
	East.
12.655	Mid-point bet. the closing cors. of secs. 1 and 2, and 2 and 3, hereinbefore described.
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor. of sec. 2 only, with brass cap mkd.
	¼ S2 1934
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 33, which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record thence
	East.
12.65	Mid-point bet. the closing cors. of secs. 2 and 3, and 3 and 4, hereinbefore described.

ESTABLISHMENT OF THE ¼ SEC. CORS. BET. CLOSING CORS. ON THE NORTH BDY. OR THE 5TH. STANDARD PARALLEL SOUTH.

Chains	
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor. of sec. 3 only, with brass cap mkd. ¼ S3 1934
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 32, which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record, thence East.
12.585	Mid-point bet. the closing cors. of secs. 3 and 4, and 4 and 5, hereinbefore described. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with broken glass deposited at base, for ¼ sec. cor. of sec. 4 only, with brass cap mkd. ¼ S4 1934
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 31, which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record, thence East.
12.61	Mid-point bet. the closing cors. of secs. 4 and 5, and 12 E., and the closing cor. of secs. 5 and 6, hereinbefore described. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 5x5x2 ins., mkd. X, deposited at base, for ¼ sec. cor. of sec. 5 only, with brass cap mkd. ¼ S5 1934
	From the Standard ¼ sec. cor. along the S. bdy. of sec. 36, T. 25 S., R. 11 E., which is an iron post, 1 in. in diam., firmly set, marked and witnessed as described in the official record, thence East.
12.67	Mid-point bet. the closing cor. of Tps. 26 S., Rs. 11 and 12 E., and the closing cor. of secs. 5 and 6, hereinbefore described. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a sandstone, 4x4x4 ins., mkd. X, deposited at base, for ¼ sec. cor. of sec. 6 only, with brass cap mkd.

ESTABLISHMENT OF THE ¼ SEC. CORS. BET. CLOSING CORS. ON THE NORTH BDY. OF THE 5TH. STANDARD PARALLEL SOUTH.

Chains

¼ S6
1934

GENERAL DESCRIPTION

Note: As there is no timber in the township, and no rocks available on the greater portion of nearly all of the sections, and pits being impracticable, most of the corners are witnessed by depositing a marked stone or a broken glass bottle or a quart of charcoal and coal at the base of iron post.

This township is located in an area of Utah, known as the Big Desert, and may be classed as nearly level, gent rolling, and rolling land, withsand dunes on the greatei portions of nearly all of the sections. Large long sand drifts are found throughout the greater portion of the township.

The approximate elevation above sea level is about 450 feet.

There is one prominent butte in the township, which is known as the South Gilson Butte, and is located in the central western portion of section four and central eastern portion of section five. This butte is from three hundred to five hundred feet above the surrounding land, and can be seen from many miles around. The butte is rimmed with nearly perpendicular ledges about two hundre feet high. The general formation of the butte is of a dark red sandstone.

The general exposure and drainage of the township is i a southwesterly direction towards the Muddy river.

A light red sandstone is the principal formation, bein exposed mainly in the eastern and central portions of th township. In the northwestern portion a dark red sandstone is exposed. Outcroppings, broken, and perpendicular ledges, and surface rock of sandstone formation are exposed on the rolling land. Also, small flint rocks ar strewn over nearly all of the surface.

The soil on the nearly level, and gently rolling, and rolling land is light red or yellow sand and sandy clay loam, varying in depth from surface rock to several feet lying on sandstone bedrock, first to second rate.

Mountain rush, mint brush, yellow top, shadscale, blac brush, greasewood, rabbit brush, service berry bushes, and oose is the principal undergrowth, varying from a scattering to medium dense; the sand dunes are covered with patches of dense scrubby oak brush.

There is no timber throughout the township.

There are no springs, seeps, or running water in the township.

There are no settlers nor any ground under cultivation in the township. Nearly all of the land could be farmed but as irrigation is necessary, it would be impracticabl only to dry farm during wet seasons.

The surface of the township is only fit for grazing, being more suitable for cattle than for sheep, owing to the scarcity of water and very little snow in the winter season. An abundant growth of sand grass, weeds, and re top grass covers the greater part of all the sections The red top grass and mint brush serves as an excellent feed during wet weather. Whenever there is snow several bands of sheep range in this township and in the ones adjoining, but generally this locality is used for the grazing of the cattle throughout the year; and at present about twelve hundred cattle range in this township and vicinity. Several hundred trail to water tanks, and a

great many to Sweetwater spring located approximately in section twenty-eight, in unsurveyed township twenty-six south, range fourteen east, and to Dougout Spring in township twenty-five south, range fourteen east and D. B. Mecham's well in township twenty-six south, range thirteen east. There are approximately five hundred head of cattle that water at Mecham's well during fall, winter and spring. Several herds of antelope and approximately four thousand wild horses graze in this township and the adjoining townships the year around.

A main highway from Greenriver to Hanksville, Utah, crosses the north boundary of the township approximately three chains west of the standard corner for the quarter section corner of section two, and bears in a southwesterly direction through sections two, eleven, southeast corner of section two, fifteen, twenty-two, northwest corner of section twenty-seven, twenty-eight, and leaving the township about twenty chains east of the corner of sections four, five, thirty-two and thirty-three. There are other roads of less importance throughout the township that are recorded in the field note record.

There are no seams nor veins of coal nor any indication of mineral or oil shale noted in this township.

The mean magnetic declination is 16°30'E.

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Page

4-680
(August, 1928)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Allen Fuller	Principal Assistant
Kelly Ryan	Principal Assistant
Kelvin Winwood	Principal Assistant
Guy Smith	Chainman
Martin Smith	Chainman
Rudolph Olsen	Chainman
Elmer Taylor	Chainman
Harold Winn	Chainman
Clark Griffiths	Axman
Homer Harris	Axman
Joseph Briggs	Flagman
Glenn Willison	Axman
Clark Goodwin	Axman
Harold Johansen	Axman
Grant G. Brown	Axman
Ottis Jones	Axman
Floyd Huntsman	Axman
Raymond S. Jackson	Axman
Clayton Worthen	Axman
Evans Morgan	Axman

CERTIFICATE OF UNITED STATES SURVEYOR

I, Edgar Hayes, Transitman, (temporary) C. W. A.
Claude Beebe, Transitman, (temporary) C. W. A.
Philander Maxwell, Transitman, (temporary) C. W. A.
hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 11th day of January, 1934, We have well, faithfully, and truly surveyed, in our 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 subdivisions of T. 26 S. R. 12 E.

of the Salt Lake Meridian, in the State of Utah, which are represented by the foregoing field notes as having been executed by us, and under our 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 Greenriver, Utah Feb. 10, 1934

Philander Maxwell Transitman
(temporary) C. W. A.

Edgar Hayes Transitman
(temporary) C. W. A.

Claude Beebe Transitman
(temporary) C. W. A.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

....., 19....

The foregoing field notes of the survey of .....

executed by .....

under his special instructions dated ....., 19....., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey 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.

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Ethen Torgerson	Principal Assistant
Charles W. Brewer	Chainman
Woodrow Anderson	Flagman
Clark Green	Cornerman
Stanley Young	Axman
John D. Chamberlin	Axman

6—8412

CERTIFICATE OF UNITED STATES SURVEYER

I, Charles F. Moore, U. S. Surveyor, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 11th. day of January, 1934, received from the district cadastral engineer for Utah, District No. 6, with assignm instructions dated January 12, 1934, I have ~~xxxxxx~~ made an Independent Resurv of the Henry Mountain Guide Meridian, Through T. 26 S., Between Rs. and 12 E., and establishment of the ¼ sec. cors. bet. closing cors. on the N. bdy. or 5th. Standard Parallel South.

of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been executed by me and under my direction; and that survey has been made in strict conformity with said instructions, the Manual of Instructions for the Surv of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Certified to at Salt Lake City, Utah, March 15, 1935.

Chas. F. Moore
U. S. Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, JUN 14 1935, 19

The foregoing field notes of the survey of Subdivisional Lines and Independent of T. 26 S., R. 1 Resurvey of the Henry Mountain Guide Meridian, Through T. 26 S., Rs. and 12 E., and establishment of the ¼ sec. cors. bet. closing cors. on the N. bdy. or 5th. Standard Parallel South.

executed by Charles F. Moore, U. S. Surveyor, Claude Beebe, Edgar Hayes, and Philander Maxwell, U. S. Transitmen, (temporary) C. W. A.

under special instructions dated January 11, 1934, and assignme instructions dated January 12, 1934, having been critically examined, a the necessary corrections made prior to their certification by the engineer, the said field notes, and the surv therein described, are hereby approved.

U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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4-679

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FIELD NOTES

OF THE ~~SURVEY OF THE~~

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN THROUGH TOWNSHIP 27 SOUTH, BETWEEN RANGES 11 AND 12 EAST, AND THE SURVEY OF THE NORTH BOUNDARY AND SUBDIVISION OF TOWNSHIP 27 SOUTH, RANGE 12 EAST.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Charles F. Moore, U. S. Surveyor, Edgar Hayes, Claude Beebe and Philander Maxwell U. S. Transitmen, (temporary) C. W. A.

~~*In the capacity of U. S. Surveyor*~~, *under Special Instructions dated* January 11, 1934, *issued by the District Cadastral Engineer to govern surveys included in Group No.* 256, *which were approved by the Commissioner of the General Land Office,* February 2, 1934, *and Assignment Instructions dated* January 12, 1934

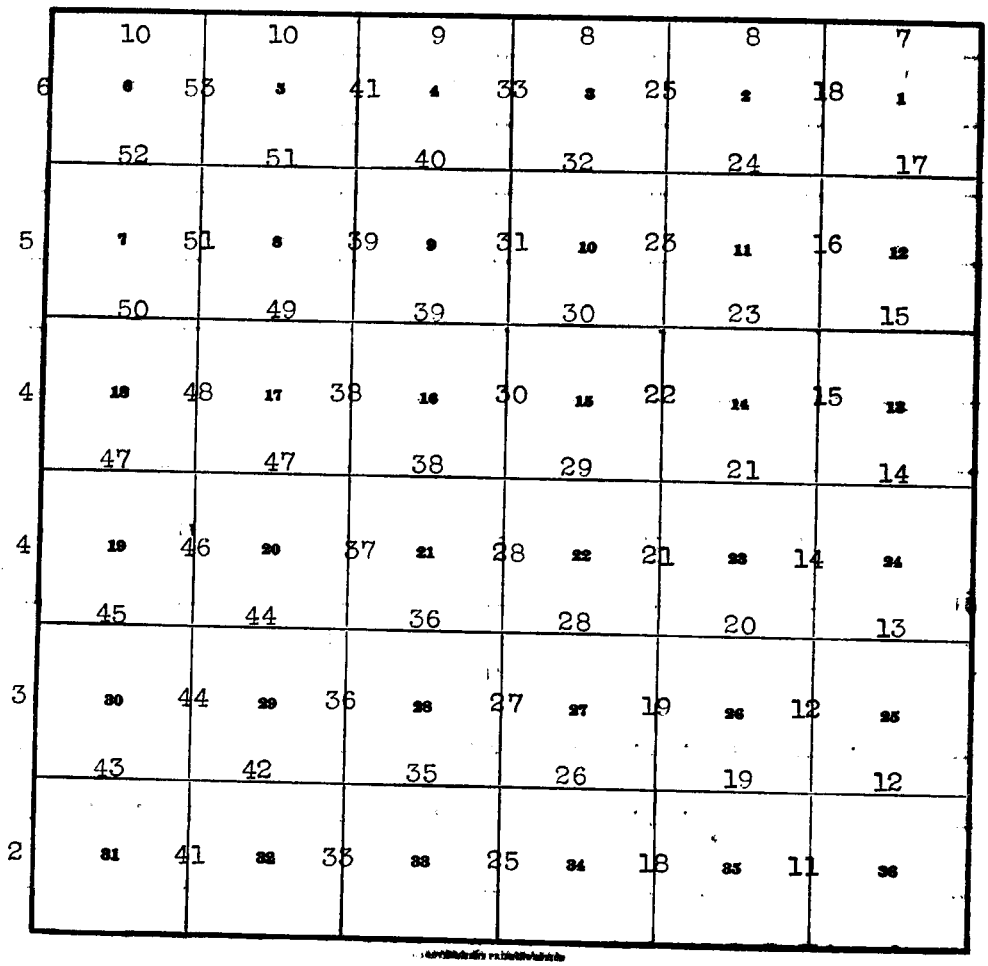
Survey commenced February 2, 1934

Survey completed February 19, 1934

6-181

INDEX DIAGRAM.

Township 27 SOUTH, *Range* 12 EAST



T. 27 S., R. 12 E.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

All lines in black were surveyed by Charles F. Moore, U.S. Surveyor.

All lines in green were surveyed by Philander Maxwell, Transitman Temporary C.W.A.

All lines in deep violet blue were surveyed by Claude Beebe, Transitman Temporary C.W.A.

All lines in red were surveyed by Edgar Hayes, Transitman Temporary C.W.A.

U. S. GOVERNMENT PRINTING OFFICE: 1934 0—S155

DESCRIPTION AND TEST OF INSTRUMENTS

Survey commenced February 2, 1934; and was executed with a Buff and Buff light mountain transit No. 9210, used by Chas. F. Moore, U. S. Surveyor, and with Buff and Buff light mountain transit No. 9983 and Young and Sons light mountain transits Nos. 8498 and 8395, used by Edgar Hayes, Philander Maxwell, and Claude Beebe, temporary U. S. Transitmen, C. W. A., respectively. Each instrument is equipped with Smith Solar attachment and full vertical circle. The horizontal limb of each transit is 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 circles. These instruments were approved by the district cadastral engineer for Utah, conditional upon satisfactory field tests as stated in assignment instructions dated January 12, 1934.

The instruments were in good condition and adjustment at the time of this survey. The country over which the lines were extended being all open desert, the solar attachments were not used, and all azimuths in this record are referred to true meridians determined by observations made upon Polaris during the progress of the survey, by the method of deflection angles and calculated courses and the lines were carried forward by double fore and backsights.

The data furnished with the special instructions gives the approximate geographic position of the southeast corner of T. 27 S., R. 12 E., as follows:
Approximate latitude 38°25' N., and longitude 110°35' W.

February 2, 1934, at the cor. of Tps. 27 and 28 S., Rs. 11 and 12 E., approximate latitude 38°25' N. and longitude 110°41½' W., at 10h 44.1 m p.m. l. m.t., using instrument No. 9210, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tack in a stake driven firmly in the ground, 10 chains N., in the direction, west to Polaris.

Azimuth of Polaris at western elongation	1° 20' W.
Mean deflection angle.....	1° 20'
True bearing of mark	North

In order to verify the latitude of the above station I make a meridian altitude observation of the sun for latitude observing the altitude of the sun's lower limb with the telescope in direct position, reversing the transit and observing the sun's upper limb.

Mean observed altitude.....	34°46'00"
Reduced latitude.....	38°25'00" N.

MEASUREMENTS

The measurements were made with Lallie steel ribbon tapes, 5 and 8 chains in length; each tape is graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape and found to be correct. The measurements were made on the slope; the vertical angle of each interval determined by clinometers, kept in good adjustment; and the slope distance properly reduced to true horizontal distances, which are recorded in the field notes.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN THROUGH

T. 27 S., BETWEEN RS. 11 AND 12 E.

Chains

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN THROUGH TOWNSHIP 27 SOUTH, RANGES 11 AND 12 EAST, INDEPENDENT RESURVEY SUPERSEDING THE SURVEY EXECUTED BY F. DICKERT IN 1878 AND RESURVEY EXECUTED BY A. D. FERRON IN 1881.

From the cor. Tps. 27 and 28 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., firmly set, properly marked, and witnessed as described in the official record.

North, bet. secs. 31 and 36 with the establishment of the Henry Mountain Guide Meridian, through T. 27 S., bet. Rs. 11 and 12 E.

Over broken desert mesa, through scattering undergrowth; desc. 200 ft. over a N. slope to bottom of wide draw.

[illegible].80 Draw, drains W.

12.95 Draw, drains W.

20.80 Deep wide draw, drains W., asc. 30 ft. over a S. slope.

22.80 Small spur, projects W.; continue ascent of 80 ft. over broken desert.

32.40 Spur, projects W.; desc. 50 ft. along a NW. slope.

36.20 Draw, drains SW.; asc. 70 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground over X on solid rock, and in mound of stone to the top, for the ¼ sec. cor., with brass cap marked.

¼

S36 | S31

1934

From this ¼ sec. cor. the ¼ sec. cor. bears N. 10°45' W. 80 lks. dist., which is a white sandstone 18x8x6 ins., mkd. ¼ on one face; unwitnessed. I destroy all evidence of this cor. monument.

Continue over broken desert.

42.50 Wash, drains SW.; asc. 50 ft. along a SE. slope.

47.80 Ridge, bears NW. and SE.; desc. 90 ft. to bottom of canyon.

53.05 SE. rim of canyon, bears NE. and SW.

54.15 Canyon, drains SW.; asc. abruptly 160 ft. to the sec. [illegible]

67.85 Rim of canyon, bears SW. and NE.; thence over rolling desert.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 10x10x2 ins., mkd. X, deposited alongside, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked.

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN THROUGH T. 27 S., BETWEEN RS. 11 AND 12 E.

Chains	
	T27S R11E | R12E S25 | S30 S36 | S31 1934
	No evidence of sec. cor. found.
	Land, very broken desert; drainage W.for the S. 40 chs; and SW. for the N. 40 chs.
	Soil, loose sandy loam; 3rd rate.
	Timber, none.
	Undergrowth, black brush, mountain rush, and bunch grass.
	Poor grazing land.
	North, bet. secs. 25 and 30
	Over rolling desert, through scattering undergrowth; asc. 30 ft. to the ¼ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 7x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked ¼ S25 | S30 1934
	No evidence of ¼ sec. cor. found.
	Continue ascent of 70 ft. along a SE. slope to
68.80	Ridge, bears NE. and SW.; desc. along a gradual NW. slope. to
76.80	Wide draw, drains SW.; asc. gradually to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 6x4x2 ins., mkd. X, deposited alongside, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked. T27S R11E | R12E S24 | S19 S25 | S30 1934
	raise a mound of stone 3½ ft. base, 2½ ft. high, W. of the cor.
	From this sec. cor. the cor. of secs. 19, 24, 25 and 30, bears N. 14° 10' W., 1.92 chs. dist., which is a sandstone 14x8x6 ins., mkd. with 2 notches on the S. edge and 4 notches on the N. edge; unwitnessed. I destroy all evidence of this cor. monument.
	Land, rolling broken desert; drainage SW.
	Soil, loose sandy loam, 3rd rate.

U. S. GOVERNMENT PRINTING OFFICE: 1933 6—8155

INDEPENDENT RESURVEY OF THE HENRY MOUNTAIN GUIDE MERIDIAN

T. 27 S., BETWEEN RS. 11 AND 12 E.

Chains	
	No timber.
	Undergrowth, black brush, mountain rush, and bunch gr
	Fair grazing land.
	North, bet. secs. 19 and 24
	Over broken desert, through scattering undergrowth; asc. 120 ft. to
13.60	Ridge, bears NW. and SE.; desc. 30 ft. to the ¼ sec. c
24.20	Ungraded road, bears NE. to Greenriver, Utah, and SW. to Hanksville, Utah.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, with a sandstone 8x4x2 ins , mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked

S24 | S19

1934

	No evidence of ¼ sec. cor. found.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in t ground, with a sandstone 7x5x2 ins., mkd. X, deposited alongside, for the cor. of secs. 13, 18, 19, and 24, wit brass cap marked.

T27S

R11E | R12E

S13 | S18

S24 | S19

1934

	From this sec. cor. the cor. of secs. 13, 18, 19, and 24, bears N. 15°30' W. 2.77 chs. dist., which is a white sand stone 16x9x5 ins., mkd. with 3 notches on the N. edge and 3 notches on the S. edge. I destroy all evidence of this cor. monument.
	Land, broken desert S. 40 chs.; rolling desert N. 40 chs. drainage W.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, mountain rush, bunch grass, black brush, and yellow top.
	Good grazing land.
	North, bet. secs. 13 and 18
	Over rolling desert, through scattering undergrowth; dec gradually to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, with a sandstone 10x7x3 ins., mkd. X, deposited

chains.

alongside, for the ¼ sec. cor., with brass cap marked.

¼
S13 | S18
1934

No trace of the ¼ sec. cor. can be found.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with broken glass deposited alongside, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked.

T27S
R11E | R12E
S12 | S7
S13 | S18
1934

No trace of the cor. of secs. 7, 12, 13 and 18 can be found.

Land, rolling desert; drainage W.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, curly grass, bunch grass, and yellow top.

Good grazing land.

North, bet. secs. 7 and 12

Over rolling desert, through scattering undergrowth; desc. 20 ft. to

23.00 Wide draw, drains NW.; asc. 30 ft. to the ¼ sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 11x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼
S12 | S7
1934

No trace of the ¼ sec. cor. can be found.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 10x8x4 ins., mkd. X, deposited alongside, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked.

T27S
R11E | R12E
S1 | S6
S12 | S7
1934

No trace of the old cor. of secs. 1, 6, 7 and 12 can be found.

Chains

Land, rolling desert; drainage W.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, black brush, curly grass, bunch grass, and yellow top.

Good grazing land.

INDEPENDENT RESURVEY SUPERSEDING THE SURVEY EXECUTED BY A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1881.

North, bet. secs. 1 and 6

Over rolling desert, through scattering undergrowth; asc. gradually over a S. slope to

5.80 Spur, projects W.; desc. gradually over a N. slope to

8.40 Wide draw, drains SW.; asc. along a SE. slope 30 ft. to

32.00 Wide spur, projects W.; desc. 20 ft. over a N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a sandstone 6x4x2 ins., mkd. X, deposited alongside, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S1 | S6
1934

No trace of the old $\frac{1}{4}$ sec. cor. can be found.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with a sandstone 12x10x5 ins., mkd. X, deposited alongside, for the cor. of Tps. 26 and 27 S., Rs. 11 and 12 E., with brass cap marked

T26S
R11E | R12E
S36 | S31
S1 | S6
T27S
1934

No trace of the old cor. of Tps. 26 and 27 S., Rs. 11 and 12 E. can be found.

Land, rolling desert; drainage W.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, curly grass, bunch grass, and black brush.

Good grazing land.

Chains

February 6, 1934 at the cor. of Tps. 26 and 27 S., Rs. 12 and 13 E., approximate latitude 38°30' N. and longitude 110°35' W., at 10h 28.3m a.m. l.m.t., using instrument No. 9210, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tack in a stake driven firmly in the ground, 10 chs. N., in the direction, west to Polaris. After sunrise I lay off the azimuth of Polaris 1°20' and make a meridian mark on a second stake to the east of the first.

Azimuth of Polaris at western elongation... 1°20'
Mean deflection angle..... 1°20'
True bearing of mark..... North

From the meridian established by Polaris observation, I deflect an angle of 90°00' to the left, 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. ¼ sec. and sec. cors. along the line bet. Tps. 26 and 27 S., R. 12 E. At 475.65 chs., the parallel intersects a N. and S. line, 28 lks N. of the cor. of Tps. 26 and 27 S., Rs. 11 and 12 E., hereinbefore described. The correction is 4.7 lks. N. per mile, counting from the point of beginning.

From the cor., Tps. 26 and 27 S., Rs. 12 and 13 E., which is an iron post, 3 ins. diam., firmly set, properly marked, and witnessed as described in the official record.

S. 89° 58' W., bet. secs. 1 and 36.

Over rolling desert through scattering undergrowth; asc. 50 ft. to the ¼ sec. cor.

11.00 Stock trail, bears N. and S.

40.00 Top of ascent, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼ S36
S1
1934

Descend 70 ft. over rolling desert to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with broken white glass deposited alongside, for the cor. of secs. 1,2,35 and 36, with brass cap marked.

T26S | R12E
S35 | S36
S2 | S1
T27S
1934

Land, rolling desert; drainage W.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, black brush, and bunch grass.

Good grazing land.

Chains	
	S. 89°58' W., bet. secs. 2 and 35
	Over rolling desert, through scattering undergrowth; desc. 30 ft. to the ¼ sec. cor.
36.70	Ungraded road, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 8x6x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S35 / S2 1934
	Descend gradually over rolling desert to
67.60	Draw, drains NW.; asc. gradually over rolling desert to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 8x5x3 ins., mkd. X, deposited alongside, for the cor. of secs. 2, 3, 34, and 35, with brass cap marked. T26S | R12E S34 | S35 S3 | S2 T27S 1934
	Land, rolling desert; drainage W.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, black brush, oak brush, yellow top, and bunch grass.
	Good grazing land.

	S. 89°58' W., bet. secs. 3 and 34
	Over broken desert land; desc. 140 ft. to the ¼ sec. cor.
17.60	Break in a mesa, bears NE. and SW.
28.70	Large wash, drains SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded with mound of stone to the top, with a sandstone 14x8x2 ins., mkd X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S34 / S3 1934
	Thence over rolling desert land,
42.80	Small draw, drains W.; thence along draw
45.80	Ungraded road, bears NE. to the Tasker Oil Well, and SW. to the junction with the Greenriver-Hanksville, Utah road; also draw drains SW.; asc. 40 ft. over SE. slope to
76.40	Spur projects SW.; desc. 20 ft. over a NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the

chains	
	ground, with a sandstone 8x6x1 ins., mkd. X, deposited alongside, for the cor. of secs. 3, 4, 33, and 34, with brass cap marked.
	T26S R12E S33 | S34 S4 | S3 T27S 1934
	Land, rolling and broken desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, oak brush, mountain rush, bunch grass, and yellow top.
	Good grazing land.
	S. 89°58' W., bet. secs. 4 and 33
	Over rolling desert, through scattering undergrowth; desc. along a NW. slope
8.00	Wide draw, drains SW.; asc. 135 ft. along a SE. slope to the ¼ sec. cor.
28.80	Break in mesa, bears NE. and SW.; continue over broken desert to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 10x8x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	S33 ¼ S4 1934
	Descend 130 ft. over a NW. slope to the sec. cor.
64.00	Break in mesa, bears NE. and SW.; continue descent.
71.25	Ungraded road, bears NE. to Greenriver, and SW. to Hanksville, Utah.
80.00	Set an iron post, 3 ft. long, 2 ins., diam., 30 ins. in the ground, with a sandstone 4x3x1 ins., mkd. X, deposited alongside, for the cor. of secs. 4,5, 32 and 33, with brass cap marked
	T26S R12E S32 | S33 S5 | S4 T27S 1934
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.

U. S. GOVERNMENT PRINTING OFFICE: 1934 0—8155

Chains	
	Undergrowth, mountain rush, black brush, yellow top, curly grass, and bunch grass.
	Good grazing land.

S. 89°58' W., bet. secs. 5 and 32

Over broken desert land, through scattering undergrowth; descend 30 ft. over a NW. slope to

6.80	Wide draw, drains SW.; asc. 25 ft. along a SE. slope to
18.70	Long narrow sand spur, projects SW.; desc. 90 ft. over a NW. slope.
33.00	Wide draw, drains SW.; asc. 25 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 12x6x1 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

$$\frac{\frac{1}{4}\ \ S32}{S5}$$
1934

Continue descent 60 ft. over rolling desert to

61.10	Wide draw, drains S.; asc. 20 ft. to
67.30	Ridge, bears NE. and SW.; desc. 40 ft. over a NW. slope.
72.85	Wide draw, drains SW.; asc. a SE. slope 70 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins., diam., 30 ins. in the ground, with a sandstone 10x9x3 ins., mkd. X, deposited alongside, for the cor. of secs. 5,6, 31 and 32, with brass cap marked.

T26S R12E	
S31	S32
S6	S5

T27S
1934

Land, rolling and broken desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, yellow top, curly grass, and bunch grass.

Good grazing land.

S. 89°58' W., bet. secs. 6 and 31

Over rolling desert land, through a scattering undergrowth asc. gradually

Chains	
1.00	Sand spur, projects SW; descend NW. slope 190 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a white glass bottle deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼ S31
S6
1934

Continue descent of 90 ft. over rolling desert to

75.65	The cor. of Tps. 26 and 27 S., Rs. 11 and 12 E., heretofore described.

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, curly grass, and yellow top.

Good grazing land.

SUBDIVISION OF T. 27 S., R. 12 E.

February 5, 1934, at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record, approximate latitude 38°25' N. and longitude 110°36' W., at 10h 32.3m a.m. l. m. t. I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tack in a stake driven firmly in the ground 10 chains N., in the direction, west to Polaris.

Azimuth of Polaris at western elongation	1° 20' W.
Mean deflection angle	1° 20'
True bearing of mark	North

From the meridian established by the Polaris observation, I deflect an angle of 0°01' to the left

Thence

N. 0° 01' W., bet. secs. 35 and 36

Over rolling desert, through a scattering undergrowth; asc. 15 ft. over S. slope.

8.00	Top of ascent, bears E. and W.; desc. 20 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x4x3 ins., mkd. X, deposited at the base, for the ¼ sec. cor., with brass cap marked.

¼
S35 | S36
1934

80.00	Set an iron post 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a limestone 6x4x1½ ins., mkd. X, deposited

U. S. GOVERNMENT PRINTING OFFICE: 1961 6—8155

Chains	
	alongside, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked.
	T27S R12E S26 | S25 S35 | S36 1934
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse black brush, oose, sage, bunch grass, and sand grass.
	Fair grazing land.
	East, on a random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the E. bdy. of the Tp., 7 lks. S. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins diam., firmly set, properly marked, and witnessed as described in the official record.
	Thence
	S. 89° 57' W., on true line bet. secs. 25 and 36
	Over rolling desert, through a scattering undergrowth; desc. 25 ft. to
39.97	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a pint of charred wood, deposited at the base for the ¼ sec. cor., with brass cap marked.
	¼ S25 S36 1934
79.94	The cor. of secs. 25, 26, 35, and 36.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, mountain rush, and oose.
	Good grazing land.
	N. 0°01' W., bet. secs. 25 and 26.
	Over rolling desert, through a scattering undergrowth; asc. 15 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 4x3x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

Chains	
	$\frac{1}{4}$ S26 | S25 1934
	Continue ascent of 20 ft. to the sec. cor., over rolling desert.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quart of charred wood deposited alongside, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked. T27S R12E S23 | S24 S26 | S25 1934
	Land, rolling desert; drainage and exposure SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, mountain rush, oose, and bunch and sand grass.
	Fair grazing land.
	N. 89°57' E., on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect the E. bdy. of the Tp., 5 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record.
	Thence
	S. 89° 55' W., on true line bet. secs. 24 and 25
	Over rolling desert, through a scattering undergrowth;
39.94	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with broken glass deposited alongside, for the $\frac{1}{4}$ sec. cor., with brass cap marked. $\frac{1}{4}$ S24 S25 1934
79.88	The cor. of secs. 23, 24, 25, and 26.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, and oose, with a fair stand of grass, sparse rabbit brush.
	Fair grazing land.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

N. 0° 01' W., bet. secs. 23 and 24.

Over rolling desert, through a scattering undergrowth; gradually to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 4x3x2 ins., mkd. X, deposited at the base, for the ¼ sec. cor. with brass cap marked.

¼
S23 | S24
1934

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone 10x5x5 ins., mkd. X, deposited alongside, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked.

T27S R12E
S14 | S13
S23 | S24
1934

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, sparse ooze, mountain rush, and bunch and sand grass.

Good grazing land.

N. 89°55' E., on a random line bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

79.82 Intersect the E. bdy. of the Tp., at the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record.

Thence

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

Over rolling desert, through a scattering undergrowth; descending 15 ft. to

39.91 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 4x3x2 ins., mkd. X, deposited at the base, for the ¼ sec. cor., with brass cap marked.

¼ S13
S24
1934

79.82 The cor. of secs. 13, 14, 23, and 24.

Land, rolling desert; drainage SW.

Chains	
	Soil, loose sandy loam; 2nd rate. No timber. Undergrowth, sparse oose and mountain rush, oak brush, and sand and bunch grass. Good grazing land.
	N.0°01' W., bet. secs. 13 and 14. Over rolling desert, through a scattering undergrowth; asc. 25 ft. over a S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x5x4 ins., mkd. X, deposited at the base, for the ¼ sec. cor., with brass cap marked. ¼ S14 | S13 1934
56.00	Small sand spur, projects SW.; desc. a gradual NW. slope to
64.00	Swale, drains SW.; asc. a gradual SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with one quart of charred wood deposited alongside, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked. T27S | R12E S11 | S12 S14 | S13 1934
	Corner stands on low sandy spur, projecting SW. Land, rolling desert; drainage SW. Soil, loose sandy loam; 2nd rate. No timber. Undergrowth, sparse mountain rush, oose, bunch and sand grass. Good grazing land.
	N. 89°55' E., on a random line bet. secs. 12 and 13
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the E. bdy. of the Tp., at the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record. Thence

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

Chains	
	S.89°55'W., on true line bet. secs. 12 and 13.
	Over rolling desert, through a scattering undergrowth;
	gradually to
23.80	Swale, drains S.; asc. 15 ft. to
39.90	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with one quart of charred wood deposited at the base, for the ¼ sec. cor., with brass cap marked.

¼ S12
S13
1934

	Continue ascent 25 ft. over a SE. slope to
65.80	Small ridge, bears NE. and SW; desc. 30 ft. over a NW. slope to
79.80	The cor. of secs. 11, 12, 13, and 14.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush and ooze, oak brush, and bunch grass.
	Good grazing land.

	N.0°01' W., bet. secs. 11 and 12.
	Over rolling desert, through a very sparse undergrowth.
16.00	Small swale, drains SW.; asc. gradually to
24.00	Small spur, projects SW.; desc. gradually to
32.00	Swale, drains SW.; asc. gradually to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with broken glass deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼
S11 | S12
1934

	Desc. along a gradual NW. slope.
46.60	Stock trail, bears NE. and SW.; also swale, drains SW.; asc. SE. slope 45 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with one quart of charred wood deposited at the base, for the cor. of secs. 1, 2, 11, and 12 with brass cap marked.

T27S | R12E
S2 | S1
S11 | S12
1934

from which

Chains	
	the N. extreme edge of the Little Flat Top Mesa, bears N. 42°09' E.
	The E. end of the same mesa, bears N. 45° 54' E.
	The extreme S. end of the Big Flat Top Mesa, bears N. 78° 00' E.
	The N. peak on Temple Mt., bears N. 23°32' W.
	Mt. Ellen Peak of the Henry Mountains, bears S. 28°29' W.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, oose, sand and bunch grass.
	Good grazing land.

	N.89°55' E. on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the E. bdy. of the Tp. at the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record.
	Thence
	S. 89°55' W., on true line bet. secs. 1 and 12.
	Over rolling desert, through a scattering undergrowth; desc. 35 ft. to
39.90	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with one quart of charred wood deposited at the base, for the ¼ sec. cor., with brass cap marked.
	¼ S1 / S12 / 1934
	Desc. 35 ft. over rolling desert to the bottom of swale.
57.00	Stock trail, bears NE. and SW.
68.90	Swale, drains S.; asc., 30 ft. to
79.80	The cor. of secs. 1, 2, 11, and 12.
	Land, rolling desert; drainage S. and SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, oose, sage, bunch, and sand grass.
	Good grazing land.

U.S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

Chains	
	N. 0°01' W., on a random line bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
80.03	Intersect the N. bdy. of the Tp. 26 lks. E. of the cor. of secs. 1, 2, 35, and 36, hereinbefore described.
	Thence
	S. 0°12' E., on true line bet. secs. 1 and 2.
	Over rolling desert, through a scattering undergrowth.
28.70	Spur, projects SW. 5 chs. dist.; desc. gradually
40.03	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x5x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S2 | S1 1934
80.03	The cor. of secs. 1, 2, 11, and 12.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, oose, sand grass, and bunch grass.
	Good grazing land.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record, I sight E. along the S. bdy. of the Tp. as surveyed under Group 61, Utah, in 1922, and deflect an angle of 90°01' to the left.

Thence

N. 0°01' W., bet. secs. 34 and 35.

Over rolling desert, through a scattering undergrowth; asc gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with a washed sandstone 9x6x5 ins., mkd. X, deposed alongside, for the ¼ sec. cor., with brass cap marked.

¼
S34 \| S35
1934

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, with a sandstone 6x4x3 ins., mkd. X, deposited alongside, for the cor. of secs. 26, 27, 34, and 35, with

Chains	
	brass cap marked. T27S | R12E S27 | S26 S34 | S35 1934
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, scrubby oak brush, sage brush, mountain rush, sand grass, and bunch grass.
	Fair grazing land.

	East, on a random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line 7 lks. S. of the cor. of secs. 25, 26, 35, and 36. From point of intersection, I deflect an angle of 90°02' to the left from my random line to the line bet. secs. 35 and 36, which bears S. 0°01' E.
	Thence
	S. 89°57' W., on true line bet. secs. 26 and 35.
	Over rolling desert, through a very sparse undergrowth;
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone 8x5x3 ins., marked X, deposited alongside, for ¼ sec. cor., with brass cap marked S26 S35 1934
80.02	The cor. of secs. 26, 27, 34, and 35.
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, very sparse sagebrush, mountain rush, bunch grass, and sand grass.
	Poor grazing land.

	N. 0°01' W., bet. secs. 26 and 27.
	Over rolling desert, through a very sparse undergrowth; asc. 30 ft. over S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 6x4x4 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

Chains	
	¼ S27 | S26 1934
	Continue ascent 20 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, with a sandstone 6x4x3 ins., mkd. X, deposited alongside, for the cor. of secs. 22, 23, 26, and 27, wit brass cap marked. T27S | R12E S22 | S23 S27 | S26 1934
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse sagebrush, mountain rush, rabbit bru sand grass, and bunch grass.
	Fair grazing land.
	N. 89°57' E., on a random line bet. secs. 23 and 26
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line 2 lks. N. of the cor. of secs. 23 24, 25, and 26.
	Thence
	S.89°58' W., on true line bet. secs. 23 and 26.
	Over rolling desert, through a very sparse undergrowth; along a S. slope to
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 6x3x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S23 S26 1934
80.02	The cor. of secs. 22, 23, 26, and 27.
	Land, rolling desert; drainage S.
	Soil, loose sandy loam, 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, sagebrush, rabbit br sand grass, and bunch grass.
	Fair grazing land.

Chains	
	N. 0°01' W., bet. secs. 22 and 23.
	Over rolling desert, through a very sparse undergrowth; asc. 15 ft. over S. slope to the ¼ sec. cor.
15.70	Stock trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 8x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S22 | S23 1934
	Continue ascent 30 ft. to
59.40	Sand swell, bears NE. and SW.; desc. gradually.
67.40	Head of swale, drains SW.; asc. gradually to the sec.cor.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a washed sandstone 10x6x4 ins., mkd. X, deposited alongside, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked. T27S | R12E S15 | S14 S22 | S23 1934
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sparse mountain rush, sagebrush--partially dead--rabbit brush, sand grass, and bunch grass.
	Fair grazing land.
	N. 89°58' E., on a random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line 2 lks. N. of the cor. of secs.13, 14, 23, and 24.
	Thence
	S. 89°59' W., on true line bet. secs. 14 and 23.
	Over rolling desert, through a scattering undergrowth; desc. gradually to
20.40	Shallow draw, drains S. about 35 chs. dist.; asc. 35 ft. along a S. slope to the ¼ sec. cor.
22.80	Stock trail, bears NE. and SW.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with white broken glass deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S14 / S23 1934
	Thence over rolling desert land.
64.00	Sand swell, bears NE. and SW.; desc. along a rolling SW. slope 25 ft. to
80.00	The cor. of secs. 14, 15, 22, and 23.
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, mountain rush, sagebrush, scrubby oak, rabbit brush, sand grass, and bunch grass.
	Fair grazing land.

	N. 0°01' W., bet. secs. 14 and 15.
	Over rolling desert, through a sparse undergrowth; asc. 40 ft. along a SW. slope to the ¼ sec. cor.
28.20	Ungraded road, bears N. 9°E. to the junction with the Greenriver-Hanksville, Utah, road, and S. 5° W. to the N. rim of the Fremont River Canyon.
28.40	Stock trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 6x3x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S15 | S14 1934
	Continue ascent 25 ft. along a SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a washed sandstone 10x4x4 ins., mkd. X, deposited alongside, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked. T27S | R12E S10 | S11 S15 | S14 1934
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
	Undergrowth, sparse mountain rush, rabbit brush, sagebrush, sand grass, and bunch grass.
	Fair grazing land.
	N.89°59' E., on a random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line 2 lks. S. of the cor. of secs.11, 12, 13, and 14.
	Thence
	S. 89°58' W., on true line bet. secs. 11 and 14.
	Over rolling desert, through a sparse undergrowth; desc. 20 ft. to
8.00	Draw, drains S.; asc. 20 ft. to the ¼ sec. cor.
35.10	Stock trail, bears NE. and SW.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone 4x3x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S11 / S14 1934
	Thence over nearly level desert to the sec. cor.
65.10	Ungraded road, bears N. to the junction with the Greenriver-Hanksville, Utah, road, and S. 9°W. to the N. rim of the Fremont River Canyon.
79.98	The cor. of secs. 10, 11, 14, and 15.
	Land, rolling desert; drainage S.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, mountain rush, match weed, sand grass, and bunch grass.
	Fair grazing land.
	N. 0°01' W., bet. secs. 10 and 11.
	Over rolling desert, through a sparse undergrowth; asc. 15 ft. to the ¼ sec. cor.
6.40	Stock trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 6x3x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$

S10 | S11

1934

Continue ascent of 20 ft. over a SW. slope to

60.40 Sand swell, bears NE. and SW.; desc. 15 ft. over a NW. slop to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with a washed sandstone 8x5x2 ins., mkd. X, deposited alongside, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked.

T27S | R12E
S3 | S2
S10 | S11
1934

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, mountain rush, sagebrush, yellow top, match weed, sand grass, and bunch grass.

Fair grazing land.

N. 89° 58' E., on a random line, bet. secs. 2 and 11.

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

79.98 Intersect N. and S. line at the cor. of secs. 1, 2, 11, and 12.

Thence

S. 89° 58' W., on true line bet. secs. 2 and 11.

Over rolling desert, through a sparse undergrowth; desc. 25 ft. over a SW. slope to

39.99 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone 6x4x2 ins., mkd. X, deposited alongside, for the $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S2
S11
1934

Asc. gradually over a S. slope to

57.70 Sand swell, bears NE. and SW.: Ungraded road, bears N. to the junction with the Greenriver-Hanksville, Utah, road, and S. to the N. rim of the Fremont River Canyon; desc. 25 ft. over a general SW. slope to

79.98 The cor. of secs. 2, 3, 10, and 11.

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, sparse mountain rush, sagebrush, match weed, sand grass, and bunch grass.

Fair grazing land.

N. 0°12' W., on a random line bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect the N. bdy. of the Tp. 7 lks. E. of the cor. of secs. 2, 3, 34, and 35, heretofore described.

Thence

S. 0°15' E., on true line bet. secs. 2 and 3.

Over rolling desert, through a sparse undergrowth; asc. a general W. slope 15 ft. to

35.20 Sand swell, bears NE. and SW.; desc. gradually along a SW. slope to

40.02 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with a washed sandstone 4x3x3 ins., mkd. X, deposited alongside for the ¼ sec. cor., with brass cap marked.

¼

S3 | S2

1934

Desc. 20 ft. over a general SW. slope to

77.30 Head of shallow draw, drains SW.; asc. gradually to

80.02 The cor. of secs. 2, 3, 10, and 11.

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, sparse mountain rush, sagebrush, match weeds, sand grass and bunch grass.

Fair grazing land.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the official record, I sight E. along the S. bdy. of the tp. as surveyed under Group 61, Utah, 1922, and deflect an angle of 90° 02' to the left.

Thence

N. 0° 02' W., bet. secs. 33, and 34.

Chains

Over rolling desert, through a scattering undergrowth

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a sandstone 4x3xl½ ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼
S33 | S34
1934

70.00 Ungraded road, bears N. to the junction with the Greenriver, Hanksville, Utah, road, and SW. to the N. rim of the Fremont River Canyon.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 6x3xl½ ins., mkd. X, deposited alongside, for the cor. of secs. 27, 28, 33, and 34, with brass cap marked.

T27S | R12E
S28 | S27
S33 | S34
1934

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, sagebrush, shadscale, oose, gypsum weed, bunch grass, and sand grass.

Poor grazing land

East, on a random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. and S. line 5 lks. S. of the cor. of secs. 26, 27, 34, and 35. At point of intersection, I deflect an angle of 90°02' to the left from my random line to the line bet. secs. 34 and 35, which bears S. 0° 01' E.

Thence

S. 89°58' W., on true line bet. secs. 27 and 34.

Over nearly level desert, through scattering undergrowth.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x4xl ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼ S27
S34
1934

72.20 Ungraded road, bears NE. to the junction with the Greenriver-Hanksville, Utah, road, and SW. to the N. rim of the Fremont River Canyon.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

Chains	
80.08	The cor. of secs. 27, 28, 33, and 34.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, gypsum weed, and bunch grass.
	Poor grazing land.
	N. 0°02' W., bet. secs. 27 and 28.
	Over rolling desert, through scattering undergrowth.
8.50	Stock trail, bears NE. and SW.
26.00	Break in mesa, bears NE. and SW.; desc. a gradual NW. slope to
29.60	Wash, drains NW.; asc. gradually over a NW. slope to
32.80	Spur, projects W.; desc. 20 ft. over a N. slope to
35.50	Wash, drains W.; asc. 20 ft. over a S. slope to
37.20	Spur, projects SW.; desc. 15 ft. over a NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 10x2x1 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼

S28 | S27

1934

	Asc. gradually over a NW. slope to
47.00	Sandstone outcrop, bears E. and W.; desc. 35 ft. over a broken N. slope to the sec. cor.
61.80	Low sandstone spur, projects W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a limestone 6x3x2 ins., mkd.X, deposited alongside, for the cor. of secs. 21, 22, 27, and 28, with brass cap marked.

T27S R12E

S21 | S22

S28 | S27

1934

	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

Chains	
	N. 89°58' E., on a random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 22, 23, 26, and 27.
	Thence
	S. 89°57' W., on true line bet. secs. 22 and 27.
	Over nearly level desert, through a scattering undergrowth
17.05	Stock trail, bears NE. and SW.
26.35	Ungraded road, bears N. 5° E. to the junction with the Greenriver-Hanksville, Utah, road, and S. 5° W. to the N. rim of the Fremont River Canyon.
32.45	Stock trail, bears NE. and SW.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a limestone 5x5x½ ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	$\frac{\frac{1}{4}}{\frac{S22}{S27}}$ 1934
65.15	Break in mesa, bears N. and S.; desc. over a W. slope 90ft to
80.06	The cor. of secs. 21, 22, 27, and 28.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, greasewood, bunch gras and gypsum weed.
	Poor grazing land.

	N. 0°02' W., bet. secs. 21 and 22.
	Over rolling desert; through a scattering undergrowth.
24.50	Stock trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x5x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	$\frac{\frac{1}{4}}{S21 \mid S22}$ 1934
53.80	Small wash, drains SW.; asc. 55 ft. over a SE. slope to top of spur.
71.70	Stock trail, bears NE. and SW.

Chains	
77.80	Spur, projects SW.; desc. gradually over a NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over X on solid rock in a mound of stone to the top, for the cor. of secs. 15, 16, 21, and 22, with brass cap marked.

T27S | R12E
S16 | S15
S21 | S22
1934

Land, rolling desert; drainage SW.

Soil, loose sandy loam; 2nd rate.

No timber.

Undergrowth, sage, shadscale, oose, greasewood, gypsum weed, and bunch grass.

Poor grazing land.

N.89°57' E., on a random line bet. secs. 15 and 22.

40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line 5 lks. S. of the cor. of secs.14, 15, 22, and 23, heretofore described.

Thence

S. 89° 55' W., on true line bet. secs. 15 and 22.

Over rolling desert, through a scattering undergrowth; asc. 20 ft. over a SE. slope to top of sand swell.

6.00	Ungraded road, bears N. to the junction with the Green-river-Hanksville, Utah, road, and S. to the N. rim of the Fremont River Canyon.
15.10	Low wide sand swell, bears NE. 35 chs. dist., and SW. 35 chs. dist.; desc. 20 ft. over rolling desert to the ¼ sec. cor.
24.10	Stock trail, bears NE. and SW.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 4x3x1½ ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼
S15
S22
1934

Thence over nearly level desert to

55.10	Break in mesa bears N. and S.; desc. over a W. slope 115ft. to the sec. cor.
74.90	Stock trail, bears NE. and SW.
80.10	The cor. of secs. 15, 16, 21, and 22.

Land, rolling desert; drainage SW.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

Chains	
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.
	N.0°02' W., bet. secs. 15 and 16.
	Over rolling desert, through scattering undergrowth; asc. 15 ft. over a gradual SE. slope to the top of spur.
.50	Small wash, drains SW.
10.00	Spur, projects SW.; desc. 25 ft. along a NW. slope to
30.00	Wide draw, drains SW.; asc. 30 ft. along a SE. slope to
37.00	Sand swell, bears NE. to the junction with the break in the mesa, and SW.; continue over sand swell to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a sandstone 3x3x1 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S16 | S15 1934
	Descend 40 ft. over a NW. slope to
60.40	Main wash, drains SW.; asc. 50 ft. over a SE. slope to
68.90	Solid sandstone spur projects SW.; thence over rolling desert to the sec. cor.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground with a sandstone 5x4x3 ins., mkd. X, deposited alongside, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked. T27S R12E S9 | S10 S16 | S15 1934
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.
	N. 89°55' E., on a random line bet. secs. 10 and 15.

Chains	
40.00	Set temp. ¼ sec. cor.
80.12	Intersect N. and S. line at the cor. of secs. 10, 11, 14, and 15.
	Thence
	S. 89°55' W. on true line bet. secs. 10 and 15.
	Over rolling desert, through a scattering undergrowth; desc. 15 ft. to the ¼ sec. cor.
5.30	Stock trail, bears NE. and SW.
35.10	Low sand swell, bears NE. and SW.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a broken brown bottle deposited alongside for the ¼ sec. cor., with brass cap marked.

S10
S15
1934

	Desc. gradually over a NW. slope to
53.70	Break in mesa bears NE. and SW.; desc. abruptly 110 ft. over a NW. slope.
66.10	Main wash, drains SW.; asc. 30 ft. over a SE. slope to
72.70	Spur projects SW.; desc. gradually over a NW. slope to
80.12	The cor. of secs. 9, 10, 15, and 16.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shad scale, ooze, greasewood, and bunch grass.
	Poor grazing land.

	N. 0°02' W., bet. secs. 9 and 10.
	Over rolling desert, through scattering undergrowth; asc. 35 ft. over a SE. slope to
15.00	Sandstone spur, projects SW.; desc. gradually over a NW. slope to
20.00	Draw, drains SW.; asc. 80 ft. over a SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 8x8x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼
S9 | S10
1934

	Asc. gradually over a SE. slope to

U. S. GOVERNMENT PRINTING OFFICE, 1951 0—8165

Chains	
45.00	Ridge, bears NE. and SW.; also break in mesa bears NE. and SW.; desc. a NW. slope 30 ft. to
56.50	Draw, drains W.; asc. 30 ft. over a SE. slope to
62.30	Spur, projects W.; also desc. 45 ft. over a N. slope to the sec. cor.
73.70	Low sand swell, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a flint rock 6x5x3 ins., mkd. X, deposited alongside, for the cor. of secs. 3, 4, 9, and 10, with brass cap marked. T27S | R12E S4 | S3 S9 | S10 1934
	Land, rolling desert; drainage SW. on the S. 40 chs., and W. on the N. 40 chs.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.

	N. 89°55' E., on a random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line 5 lks. S. of the cor. of secs. 2 3, 10, and 11.
	Thence S. 89°53' W., on true line bet. secs. 3 and 10.
	Over rolling desert, through a scattering undergrowth.
4.15	Draw, drains SW.; asc. gradually along a SE. slope to
7.65	Sand swell, bears NE. and SW., extending 15 chs. dist. in either direction; desc. 20 ft. over a NW. slope to
20.15	Base of descent; continue over nearly level land.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 5x3x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S3 S10 1934
62.85	Break in mesa, bears NE. and SW; desc. abrupt NW. slope 70 ft. to
80.14	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling desert; drainage SW.

Chains	
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, shadscale, oose, gypsum weed, greasewood, and bunch grass.
	Poor grazing land.
	N.0°16' W., on a random line bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
80.13	Intersect the N. bdy. of the Tp. 9 lks. W. of the cor. of secs. 3, 4, 33, and 34, heretofore described.
	Thence
	S. 0°12' E., on true line bet. secs. 3 and 4.
	Over rolling desert, through a scattering undergrowth.
1.60	Spur, projects W.; desc. 50 ft. over a SE. slope to
15.15	Bottom of depression, drains SW.; asc. 40 ft. over broken desert land to the ¼ sec. cor.
19.00	Ungraded road, bears NE. to Tasker Oil Well and SW.
27.40	Small wash, drains W
40.13	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a sandstone 5x5x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S4 | S3 1934
	Asc. gradually over a NW. slope to
44.10	Sandstone spur, projects SW.; desc. a SE. slope 75 ft. to
62.95	Wash, drains SW.; about 30 chs. to junction with main wash; asc. a NW. slope 65 ft. to
80.13	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, greasewood, oose, gypsum weed, and bunch grass.
	Poor grazing land.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., firmly set, properly marked, and witnessed as described in the offi-

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

Chains	
	cial record, I sight E. along the S. bdy. of the Tp., as surveyed under Group 61, Utah, in 1922, and deflect an angle of 90°03' to the left.
	Thence
	N. 0°03' W. bet. secs. 32 and 33.
	Over very broken desert, through a very sparse undergrowth desc. 55 ft. to
5.10	Gulch 1.40 chs. wide, 50 ft. deep, drains SW; asc. 80 ft. over a general SW. slope to
12.00	Spur, projects SW.; desc. 40 ft. to the bottom of ravine.
15.50	Wash, 1.00 ch. wide, 25 ft. deep, drains SW.
20.20	Gulch, 1.20 chs. wide, 20 ft. deep, drains SW.
23.40	Gulch, 2.00 chs. wide, 30 ft. deep, drains SW.
29.10	Ravine, 40 ft. deep, drains SW.; asc. 110 ft. over broken desert to.
35.10	West rim of the Fremont River Basin, bears N. and SE.; thence over broken desert to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a sandstone 6x4x3 ins., mkd. X, deposited alongside, and surrounded with a mound of stone to the top for the ¼ sec. cor., with brass cap marked.

$\frac{1}{4}$

S32 | S33

1934

	Asc. 135 ft. over a very broken SW. slope to the NE. rim of the Fremont River Basin.
41.50	Gulch, 40 lks. wide, 50 ft. deep, drains SW.
51.80	Gulch, 75 lks. wide, 40 ft. deep, drains SW.
56.25	Main Gulch, 3.00 chains wide, 75 ft. deep, drains SW.
73.80	NE. rim of Fremont River Basin, bears NW. and SE.; also spur, projects SW. about 2 chs. dist., and extending NE. to the junction with the main mesa; desc. 20 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with a sandstone 6x6x2 ins., mkd. X, deposited alongside, for the cor. of secs. 28, 29, 32, and 33, with brass cap marked.

T27S | R12E

S29 | S28

S32 | S33

1934

raise a mound of stone 4 ft. base, 3½ ft. high, W. of the cor.

Land, very broken desert; general drainage SW.

Soil, gypsum and sand conglomerate; 4th rate.

Chains	
	No timber.
	Undergrowth, very sparse shadscale, rabbit brush, and very little or no grass.
	Extremely poor grazing land.
	East, on a random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line 14 lks. S. of the cor. of secs. 27, 28, 33, and 34. From point on intersection I deflect an angle of 90°03' to the left from random line to the line between secs. 33 and 34, which bears S.0°02'E.
	Thence
	S.89°54'W., on true line bet. secs. 28 and 33.
	Over rolling desert, through a scattering undergrowth; desc. gradually over a S. slope to draw.
6.40	Stock trail, bears NE. and SW.
30.50	Draw, drains SW.; asc. 10 ft. to the ¼ sec. cor., over a broken S. slope.
37.40	Wash, drains SW.; continue ascent.
39.90	Stock trail, bears N. and S.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a washed sandstone, 5x3x3 ins., mkd. S, deposited alongside, for the ¼ sec. cor., with brass cap mkd. ¼ S28 / S33 1934
	Corner stands on top of small spur projecting SW.; desc. 15 ft., over NW. slope to
48.90	Arroyo, drains SW.; asc. a SE. slope 30 ft. to
53.50	Small spur, projects SW.; desc. 25 ft., over a NW. slope.
55.60	Arroyo, drains SW.; asc. 20 ft. over a SE. slope to
57.60	Small spur, projects S.; desc. 15 ft. over a W. slope to
60.50	Arroyo, drains S.; asc. 30 ft. along a SE. slope to
74.80	Spur, projects SW.; desc. 35 ft. over a NW. slope to
80.02	The cor. of secs. 28, 29, 32, and 33.
	Land, rolling and broken desert; drainage SW. from N.
	Soil, a coarse sand, clay, and gypsum; 4th. rate.
	No timber.
	Undergrowth, sparse shadscale and rabbit brush, very little grass.
	Very poor grazing land.

CONDITIONS OF T. [illegible] S., R. [illegible] E.

Thence [illegible]., bet. secs. [illegible] and [illegible].

Over rolling and broken desert, through very sparse undergrowth; desc. 13 ft. over a broken [illegible] slope to

[illegible] Small spur, projects W. about 10 chs. dist. from the junction with a [illegible], bearing easterly; desc. a [illegible] slope [illegible] ft. to the ¼ sec. cor.

[illegible] Wash, drains [illegible].

[illegible] Set an iron post, 3 ft. long, 1 in. diam., [illegible] ins. in the ground, with a sandstone [illegible] ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

[illegible]
[illegible] | [illegible]
1934

Desc. [illegible] ft. over a [illegible] slope to

[illegible] Side draw, drains [illegible], asc. gradually along a [illegible] slope to the sec. cor.

[illegible] Stock trail, bears [illegible] and [illegible].

[illegible] Begin ascent over a [illegible] slope to

[illegible] Set an iron post, 3 ft. long, 2 ins. diam., [illegible] ins. in the ground, with a sandstone [illegible] ins., mkd. X, deposited alongside, for the cor. of secs. 20, 21, [illegible], and [illegible], with brass cap marked.

[illegible] | [illegible]
[illegible] | [illegible]
[illegible] | [illegible]
1934

Land, rolling and broken desert, drainage W.

Soil, sparse sandy loam, 3rd. rate.

No timber.

Undergrowth, very sparse mountain rush, [illegible], shadscale, rabbit brush, sand grass, and bunch grass.

Moderately fair grazing land.

[illegible]., on a random line bet. secs. 21 and [illegible].

[illegible] Set temp. ¼ sec. cor.

[illegible] Intersect [illegible] and [illegible] line at the cor. of secs. 21, [illegible], [illegible], and [illegible].

Thence

[illegible]., on true line bet. secs. 21 and [illegible].

Over rolling desert, through a sparse undergrowth; desc. over a W. slope [illegible] ft. to the ¼ sec. cor.

[illegible] Stock trail, bears [illegible] and [illegible].

[illegible] Set an iron post, 3 ft. long, 1 in. diam., [illegible] ins. in the ground, with a limestone [illegible] ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

Chains	
	S21 / S28 / 1934
	Continue descent of 30 ft. over a W. slope to the sec. cor.
68.85	Stock trail, bears NE. and SW.
80.04	The cor. of secs. 20, 21, 28, and 29.
	Land, rolling and broken desert; drainage W.
	Soil, loose sandy loam; 2nd. rate.
	No timber.
	Undergrowth, mountain rush, rabbit brush, sage, sand grass, and bunch grass.
	Fair grazing land.
	N. 0°03' W., bet. secs. 20 and 21.
	Over rolling desert, through sparse undergrowth; asc. 25 ft. over a S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone 6x4x2 ins., mkd. X, deposited alongside for the ¼ sec. cor., with brass cap marked.
	¼ / S20 | S21 / 1934
	Cor. stands on top of sand swell, bears NE. and SW.; desc. 25 ft. to the bottom of canyon.
63.30	SE. rim of canyon bears NE. and SW.
65.00	Canyon, sandstone walls 25 ft. high, drains SW.; asc. 25 ft. over broken desert to
66.10	Solid sandstone spur, bet. canyons, projects SW.; desc. 25 ft. over broken desert to
76.10	Canyon, sandstone walls 20 ft. high, 1.50 chs. wide, drains S.5°W.; asc. 25 ft. over broken desert to
80.00	Set an iron post, 3 ft. long, 2 in. diam., over X on solid sandstone, and surrounded by a mound of stone to the top, for the cor. of secs. 16, 17, 20, and 21, with brass cap marked.
	T27S R12E / S17 | S16 / S20 | S21 / 1934
	Land, rolling and broken desert; drainage SW. from N.
	Soil, coarse sandy loam; 4th. rate.
	No timber.
	Undergrowth, sparse mountain rush, rabbit brush, and very sparse sand and bunch grass.
	Poor grazing land.

Chains	
	N.89°54'E., on a random line bet. secs. 16 and 21
40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line 5 lks. N. of the cor. of secs. 15, 16, 21, and 22.
	Thence
	S.89°56'W., on true line bet. secs. 16 and 21.
	Over rolling desert, through a sparse undergrowth; desc. 70 ft. over a SW. slope to the ¼ sec. cor.
1.10	Wash, drains SW.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken glass deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S16 / S21 1934
	Desc. 35 ft., over a NW. slope to
55.50	Draw, drains SW.; asc. gradually to
64.10	Small spur, projects SW.; desc. gradually over a general SW. slope.
77.20	Wash, drains SW.
80.10	The cor. of secs. 16, 17, 20, and 21.
	Land, rolling desert; drainage SW.
	Soil, loose shallow sand; 3rd. rate.
	No timber.
	Undergrowth, sparse mountain rush, sage, rabbit brush, sand grass, and bunch grass.
	Fair grazing land.

	N.0°03'W., bet. secs. 16 and 17.
	Over rolling and broken desert, through a sparse undergrowth; asc. 135 ft. along a S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a wahsed sandstone 6x6x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S17 | S16 1934
	Continue gradual ascent over a S. slope.
49.90	Slope changes; begin ascent over E. slope.
61.90	Ridge, 25 ft. above ¼ sec. cor., bears NE. and SW.; desc. 135 ft., over a general broken SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over X on solid rock, and surrounded by a mound of stone to the top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
	T27S | R12E S8 | S9 S17 | S16 1934
	Land, rolling and broken desert; drainage S.
	Soil, loose sandy loam; 3rd. rate.
	No timber.
	Undergrowth, sparse mountain rush, sage, and sand grass.
	Poor grazing land.
	N.89°56'E., on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line 2 lks. N. of the cor. of secs. 9, 10, 15, and 16.
	Thence
	S.89°57'W., on true line bet. secs. 9 and 16.
	Over rolling and broken desert, through a very sparse undergrowth; desc. gradually to
8.80	Draw, drains S., for a dist. of 7 chs., thence SW.; asc. 65 ft. over an E. slope to
38.75	Sand swell, bears N. and S.; desc. gradually to
40.07	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with one quart of charred wood deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S9 S16 1934
	Continue descent of 35 ft., over a W. slope to
62.70	S wale, drains S.; asc. 25 ft. over rolling desert to
70.00	Ridge, bears NE. and SW.; desc. 130 ft. over a general broken SW. slope to
80.14	The cor. of secs. 8, 9, 16, and 17.
	Land, rolling and broken desert; drainage SW.
	Soil, coarse sand; 3rd. rate.
	No timber.
	Undergrowth, very sparse mountain rush, rabbit brush, sage, and sand and bunch grass.
	Poor grazing land.
	N. 0°03' W., bet. secs. 8 and 9.
	Over broken desert, through a sparse undergrowth; desc. 60 ft. over a SW. slope to
25.75	Gulch, drains SW.; asc. 60 ft. to the ¼ sec. cor.
36.30	Ungraded road, bears NE. to Tasker Oil Well and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam.; 27 ins. in the ground, with a sandstone 6x4x3 ins., mkd. X, deposited

Chains	
	alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S8 | S9 1934
	Asc. 120 ft. over a SE. slope to
68.20	Ridge, bears NE. and SW.; desc. gradually along a NW. slope to
76.20	Swale, drains SW.; asc. gradually over a SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, with a rectangular firebrick 10x5x2½ ins., marke X, deposited alongside, for the cor. of secs. 4, 5, 8, a 9, with brass cap marked T27S | R12E S5 | S4 S8 | S9 1934 from which the casing in an old oil well, bears N.62°18'E., 7.18 ch dist.
	No other accessories available.
	Land, rolling and broken desert; drainage SW.
	Soil, coarse sandy loam; 3rd. rate.
	No timber.
	Undergrowth, very sparse rabbit brush, sage, sand grass, and bunch grass.
	Poor grazing land.
	N.89°57'E., on a random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect N. and S. line 2 lks. N. of the cor. of secs. 3 4, 9, and 10.
	Thence
	S.89°58'W., on true line bet. secs. 4 and 9.
	Over broken desert, through a scattering undergrowth; des a NW. slope 130 ft. to
32.40	Main wash, drains SW.; asc. 35 ft. over a SE. slope to th ¼ sec. cor.
39.40	Small wash, drains S.
40.09	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x4x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked. ¼ S4 S9 1934
	Continue ascent of 115 ft. over a SE. slope to the top of ridge.
44.20	Ungraded road, bears NE. to Tasker Oil Well, and SW.
47.50	Sandstone outcropping, bears NE. and SW.
73.20	Main ridge, bears NE. and SW.; desc. a NW. slope 15 ft. to
80.18	The cor. of secs. 4, 5, 8, and 9. Land, rolling, desert; drainage SW. Soil, loose sandy loam; 4th. rate. No timber.

Chains	
	Undergrowth, sage, greasewood, oose, gypsum weed, and bunch grass.
	Poor grazing land.

	N. 0°13' W., on a random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.24	Intersect the N. bdy. of the Tp. 19 lks. W. of the cor. of secs. 4, 5, 32, and 33, heretofore described.
	Thence
	S. 0°05' E., on true line bet. secs. 4 and 5.
	Over rolling desert, through a scattering undergrowth; asc. 35 ft. along a W. slope to spur.
9.30	Ungraded road, bears NE. to Greenriver,Utah, and SW. to Hanksville, Utah.
20.75	Spur, projects SW.; desc. 50 ft. over a S. slope to
40.24	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken white glass deposited alongside, for the ¼ sec. cor., with brass cap marked.
	¼ S5 | S4 1934
	Continue descent of 15 ft. to
53.60	Wide flat draw, drains SW.; asc. 50 ft. over a NW. slope to
69.60	Spur, projects SW. from junction with the mesa to the NE.; desc. along a general SW. slope 55 ft. to
80.24	The cor. of secs. 4, 5, 8, and 9.
	Land, broken and rolling desert; drainage SW.
	Soil, coarse sand; 3rd rate.
	No timber.
	Undergrowth, sparse sage, mountain rush, rabbit brush,and sand grass.
	Poor grazing land.

	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., firmly set properly marked, and witnessed as described in the official record, I sight W. along the S. bdy. of the Tp. as surveyed under Group 61 - Utah - in 1922, and deflect an angle of 89°57' to the right.
	Thence

U. S. GOVERNMENT PRINTING OFFICE 1951 6—8155

Chains	
	N. 0°03' W., bet. secs. 31 and 32.
	Over broken desert, through a very sparse undergrowth along E. side of gulch.
2.00	Gulch, drains S.20° W.; asc. 130 ft. over very broken de ert to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in t ground, with a sandstone 7x6x1 ins., mkd. X, deposited a the base, for the ¼ sec. cor., with brass cap marked. ¼ S31 | S32 1934
	Continue ascent of 85 ft. over very broken desert to the sec. cor.
45.90	Stock trail, bears NW. and SE.
62.10	Stock trail, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, with a sandstone 10x4x3 ins., mkd. X, deposited alongside, for the cor. of secs. 29, 30, 31, and 32, with brass cap marked. T27S | R12E S30 | S29 S31 | S32 1934
	Land, very broken desert; drainage S.
	Soil, coarse sandy loam with a gypsum subsoil; 4th rate.
	No timber.
	Undergrowth, sparse sage and mountain rush.
	Very poor grazing land.
	East, on a random line, bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line 5 lks. N. of the cor. of secs. 28, 29, 32, and 33, From point of intersection, I defle an angle of 90°04' to the left from my random line, to th line bet. secs. 32 and 33, which bears S. 0° 03' E.
	Thence
	N. 89°58' W., on true line bet. secs. 29 and 32.
	Over broken desert, through a very sparse undergrowth; desc. 125 ft. to the E. bank of gulch.
2.70	Break in mesa, bears NW. and SE.; desc. SW. slope.
36.50	East bank of gulch, bears N. and S.; desc. abruptly 80 f over a W. slope to

Chains

37.50 Gulch, drains S.; asc. abruptly 75 ft. over an E. slope to

38.00 West bank of gulch, bears N. and S.; continue over broken desert to

39.98 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 5x4x1 ins., mkd. X, deposited alongside, for the ¼ sec. cor. with brass cap marked.

¼ S29 / S32
1934

Continue descent of 70 ft. over broken desert to the sec. cor.

41.80 Stock trail, bears NE. and SW.

57.40 Stock trail, bears NE. and SW.

79.96 The cor. of secs. 29, 30, 31, and 32.

Land, broken desert; drainage SW.

Soil, coarse sand with a gypsum subsoil; 4th rate.

No timber.

Undergrowth, very sparse mountain rush, oose, and oak brush.

Very poor grazing land.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. ¼ sec. cor.

76.47 Intersect the W. bdy. of the Tp. 7 lks. E. of the cor. of secs. 25, 30, 31, and 36, heretofore described. From point of intersection, I deflect an angle of 89°59' to the left from my random line to line bet. secs. 25 and 30, on W.bdy. of the Tp. which bears N.

Thence

N. 89°57' E. on true line bet. secs. 30 and 31.

Over broken desert, through a sparse undergrowth; desc. gradually over a SE. slope to

5.70 Rim of gulch, bears NE. and SW.; desc. abruptly 110 ft. over a SE. slope to

13.50 Gulch, drains SW.; asc. abruptly 95 ft. over a NW. slope to

23.80 Rim of gulch, bears NE. and SW.; continue over rolling desert to

36.47 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 7x6x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked.

¼ S30 / S31
1934

U. S. GOVERNMENT PRINTING OFFICE, 1934 6—8155

Chains	
	Asc. a broken NW. slope 130 ft. to
76.47	The cor. of secs. 29, 30, 31, and 32.
	Land, very broken desert; drainage SW.
	Soil, coarse sand with a gypsum subsoil; 3rd and 4th ra
	No timber.
	Undergrowth, very sparse mountain rush, yellow top, and sage.
	Poor grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Over broken desert, through a sparse undergrowth; asc.alo a general SW. slope 55 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, with a sandstone 6x4x3 ins., mkd. X, deposited a the base, for the ¼ sec. cor., with brass cap marked.

¼

S30 S29

1934

42.50 Rim of gulch, bears NE. and SW.; desc. 85 ft. over a NW. slope to

49.40 Gulch, drains SW.; asc. 50 ft. over a SE. slope to

55.80 Break in mesa, bears E. and W.; desc. 35 ft. over rolling N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, with a limestone 7x4x2 ins., mkd. X, deposited alongside, for the cor. of secs. 19, 20, 29, and 30, with brass cap marked.

T27S R12E
S19 S20
S30 S29
1934

Land, very broken desert S. 55 chs.; rolling desert N. 25 chs. drainage SW.

Soil, coarse sand; 3rd rate.

No timber.

Undergrowth, sparse mountain rush, oose, yellow top, and sage, fair growth of sand and bunch grass.

Fair grazing land.

S. 89°58' E., on a random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
80.00	Intersect N. and S. line 7 links S. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	S.89°59'W., on true line bet. secs. 20 and 29.
	Over broken desert, through a scattering undergrowth; ascend 15 ft. over a SE. slope to
16.00	Ridge, bears NE. and SW.; descend 70 ft. over a NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a limestone 6x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap mkd S 20 / ¼ S 29 1934
	Continue descent of 50 ft. over a NW. slope to
80.00	The cor. of secs. 19, 20, 29, and 30.
	Land, broken desert; drainage SW.
	Soil, coarse sand, 4th rate.
	No timber.
	Undergrowth, sage, oose, gypsum weed, greasewood, and bunch grass.
	Fair grazing land.
	S.89° 57'W., on a random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
76.29	Intersect the W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, heretofore described.
	Thence
	N.89°58'E., on true line bet. secs. 19 and 30.
	Over rolling desert, through a sparse undergrowth; desc. 45 ft. to the ¼ sec. cor.
36.15	Ungraded road, bears NE. and SW.
36.29	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 5x4x1 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked S 19 / ¼ S 30 1934
	Thence
	Over broken desert; desc. 115 ft. over an E. slope to
51.90	Wash, drains S.; asc. abruptly 135 ft. over W. slope to the sec. cor.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

60.80 Break in mesa, steeply sloping, all solid sandstone, bears N. and S.; thence over rolling desert.

76.29 The cor. of secs. 19, 20, 29, and 30.

Land, rolling desert W. 36 chs., broken desert E. 40 ch drainage SW.

Soil, sandy loam, and coarse sand; 2nd and 4th rate.

No timber.

Undergrowth, very sparse mountain rush, ooze, yellow to sage, and sand and bunch grass.

Poor grazing land.

N.0°03'W., bet. secs. 19 and 20.

Over rolling desert, through a scattering undergrowth.

11.00 Break in mesa bears NE. and SW.; desc. 95 ft. over a NW slope to

21.70 Wash, drains SW.; asc. 125 ft. over a SE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground with a limestone 5x3x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked

¼
S19 | S20
1934

Continue ascent of 25 ft. to

53.00 Ridge, bears NE. and SW.; descend 80 ft. over a NW. slop to

69.10 Bottom of depression, drains W.; asc. gradually over a SW. slope to

70.00 Sandstone spur, projects NW.; desc. 20 ft. over a NE. slope to

71.80 Wash, drains W. about 15 chs. to junction with wash drai ing SW.; asc. over a SW. slope gradually to

75.00 Small spur, projects SW.; desc. gradually over a NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a limestone 8x3x3 ins., mkd. X, deposited alongside, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked

T27S | R12E
S18 | S17

S19 | S20
1934

Land, rolling and broken desert; drainage SW.

Soil, coarse sand and sandy loam; 4th rate.

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
	No timber.
	Undergrowth, sage, cose, gypsum weed, bunch grass, and greasewood.
	Poor grazing land.
	N.89°59'E., on a random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line at the cor. of secs. 16, 17, 20, and 21.
	Thence
	S.89°59'W., on true line bet. secs. 17 and 20.
	Over broken desert, through a scattering undergrowth.
7.50	Wash, drains SW.; asc. 20 ft. over a SE. slope to
25.90	Ridge, bears NE. and SW.; desc. 30 ft. over a NW. slope to
35.00	Wash, drains SW.; asc. 20 ft. over a SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with a sandstone 10x6x2 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked ¼ S 17 / S 20 1934
45.80	Ridge, bears NE. and SW.; desc. 35 ft. over a NW. slope to
56.10	Wash, drains S.85°W.; asc. gradually along S. slope to
58.60	Spur, projects S.85°W.; desc. 115 ft. over a NW. slope to
80.00	The cor. of secs. 17, 18, 19 and 20.
	Land, broken desert; drainage SW.
	Soil, coarse sand and sandy loam; 4th rate.
	No timber.
	Undergrowth, sage, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.
	S.89°58'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
76.18	Intersect the W. bdy. of the Tp. 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, heretofore described.
	Thence

Chains	
	East, on true line bet. secs. 18 and 19.
	Over rolling desert, through a scattering undergrowth; desc. 35 ft. over an E. slope to the ¼ sec. cor.
0.68	Ungraded road, bears N. to Greenriver, Utah, and S. to Hanksville, Utah.
36.18	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, with a granite rock 3x3x3 ins., mkd. X, deposit alongside, for the ¼ sec. cor., with brass cap marked S 18 ¼ S 19 1934
40.41	Ungraded road, bears NE. to Tasker Oil Well, and SW.
45.20	Draw, drains S.; asc. 25 ft. over a W. slope to
53.30	Sand spur, projects SW.; desc. 60 ft. over a SE. slope t
73.00	Wash, drains SW.; asc. gradually to
76.18	The cor. of secs. 17, 18, 19, and 20.
	Land, rolling and broken desert; drainage SW.
	Soil, coarse sand and sandy loam; 4th rate.
	No timber.
	Undergrowth, sage, oose, greasewood, gypsum weed, and bunch grass.
	Poor grazing land.

	N.0°03'W., bet. secs. 17 and 18.
	Over broken desert, through a scattering undergrowth; desc. gradually over a NW. slope to
5.00	Wash, drains SW.; asc. 65 ft. over a SE. slope to
13.00	Spur, projects SW.; continue ascent 25 ft. over rolling desert along a SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, with a sandstone 8x5x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked ¼ S18 | S17 1934
	Continue ascent 45 ft. to the top of spur.
41.60	Ungraded road, bears NE. to Tasker Oil Well, and SW.
43.90	Spur, projects SW.; desc. 20 ft. over a NW. slope to
51.00	Small draw, drains SW.; asc. 65 ft. over a SE. slope to

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
67.90	Sand swell, bears NE. and SW. about 40 chs. dist.; twin buttes on swell bears about 3 chs. NE.; asc. gradually to
76.00	Spur, projects SW.; desc. gradually to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a limestone 4x3x2 ins., mkd. X, deposited alongside, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked T27S | R12E S 7 | S 8 S18 | S17 1934 Land, broken desert; drainage SW. Soil, coarse sand and sandy loam; 4th rate. No timber. Undergrowth, sage, greasewood, oose, and bunch grass. Poor grazing land.
	N.89°59'E., on a random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect N. and S. line 7 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence
	N.89°58'W., on true line bet. secs. 8 and 17.
	Over broken desert, through scattering undergrowth; desc. 95 ft. over a NW. slope to the bottom of wash.
17.30	Rim of wash, bears NE. and SW.; desc. abruptly.
25.30	Wash, drains SW.; asc. abruptly 85 ft. over a SE. slope to the ¼ sec. cor.
26.30	Rim of wash, bears NE. and SW.; thence over rolling desert.
35.10	Ungraded road, bears NE. to Tasker Oil Well road, and SW.; continue ascent.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a limestone 5x4x3 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked ¼ S 8 / S 17 1934 Thence Over rolling desert; asc. 15 ft. over a SE. slope to
52.30	Ridge, bears NE. and SW.; desc. 20 ft. over a NW. slope to the sec. cor.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

Chains	
68.30	Low sand swell, bears NE. and SW.
80.08	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and broken desert; drainage SW.
	Soil, coarse sand and sandy loam; 4th rate.
	No timber.
	Undergrowth, sage, yellow top, and bunch grass.
	Poor grazing land.

	West, on a random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
76.00	Intersect the W. bdy. of the Tp. 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, heretofore described.
	Thence
	S.89°55'E., on true line bet. secs. 7 and 18.
	Over rolling desert, through a scattering undergrowth; ascend 35 ft. over a NW. slope to
11.00	Low ridge, bears NE. and SW.; continue over rolling deser to
21.00	Depression, drainage SW.
36.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a limestone 6x6x4 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked S 7 ¼ S 18 1934
	Asc. gradually over a NW. slope to
54.90	Ridge, bears NE. and SW.; desc. 25 ft. over a SE. slope to
61.60	Draw, drains SW.; asc. 25 ft. over a gradual NW. slope to the sec. cor.
64.90	Ungraded road, bears NE. to Greenriver, Utah, and SW. to Hanksville, Utah.
76.00	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling desert; drainage SW.
	Soil, coarse sand, and sandy loam; 4th rate.
	No timber.
	Undergrowth, sage, gypsum weed, greasewood, and bunch grass.
	Poor grazing land.

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
	N.0°03'W., bet. secs. 7 and 8.
	Over rolling desert, through a scattering undergrowth; desc. 15 ft. over a NW. slope to
7.00	Small draw, drains W. about 15 chs. to junction with draw; drainage SW; asc. 15 ft. over a SE. slope to
16.50	Sand swell, bears NE. and SW. about 20 chs. dist.; desc. gradually over a NW. slope to the bottom of wash.
17.00	Ungraded road, bears NE. to Greenriver, Utah, and SW. to Hanksville, Utah.
22.30	Wash, drains SW.; asc. 30 ft. over a SE. slope to
36.00	Sand ridge, bears NE. and SW.; continue over nearly level desert to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with broken glass deposited alongside, for the ¼ sec. cor., with brass cap marked

¼

S. 7 | S. 8

1934

	Desc. 20 ft. over a NW. slope to
45.70	Draw, drains SW.; asc. 100 ft. over a SE. slope to
74.40	Ridge, bears NE. and SW.; continue over nearly level ground to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a sandstone 8x7x3 ins., mkd. X, deposited alongside, for the cor. of secs. 5, 6, 7 and 8, with brass cap marked

T27S | R12E
S 6 | S 5

S 7 | S 8
1934

Land, rolling desert; drainage SW.

Soil, coarse sand and sandy loam; 4th rate.

No timber.

Undergrowth, sage, greasewood, oose, and bunch grass.

Poor grazing land.

	S.89°58'E., on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line 9 lks. S. of the cor. of secs. 4 5, 8 and 9.
	Thence
	S.89°58'W., on true line bet. secs. 5 and 8.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
	Over rolling desert, through a scattering undergrowth; asc. 25 ft. over a SE. slope to
8.00	Spur, projects SW.; desc. 105 ft. along a general SW. slope to
30.00	Draw, drains SW.; asc. 30 ft. over a SE. slope to
39.60	Sand swell, bears NE. and SW.; desc. gradually to
40.07	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken white glass, deposited alongside, for the ¼ sec. cor., with brass cap marked S 5 ¼ S 8 1934
	Continue descent of 65 ft. over a SW. slope to the bottom of draw.
42.50	Ungraded road, bears NE. to Greenriver, Utah, and SW. to Hanksville, Utah.
56.00	Draw, drains SW.; asc. 55 ft. along a S. slope to
77.00	Ridge, bears NE. and SW.; desc. gradually to
80.14	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 3rd rate.
	No timber.
	Undergrowth, sparse sage, rabbit brush, mountain rush, and a medium dense growth of sand and bunch grass.
	Fair grazing land.

	N.89°55'W., on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
75.79	Intersect the W. bdy. of the Tp. 9 lks. S. of the cor. of secs. 1, 6, 7, and 12, heretofore described.
	Thence
	S.89°51'E., on true line bet. secs. 6 and 7.
	Over rolling desert, through a scattering undergrowth; ascend 85 ft. over a NW. slope to
35.79	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a quart of charred wood deposited alongside, for the ¼ sec. cor., with brass cap marked S 6 ¼ S 7 1934
	Continue ascent of 45 ft. to

SUBDIVISION OF T. 27 S., R. 12 E.

Chains	
42.40	Sand swell, bears NE. and SW.; desc. gradually to
46.40	Base of descent, bears NE. and SW.; asc. gradually to
49.40	Sand swell, bears NE. 40 chs. dist., and SW. 40 chs. dist.; desc. 15 ft. over a SE. slope to
56.50	Draw, drains SW.; asc. 70 ft. over a gradual NW. slope to
75.79	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling desert; drainage SW.
	Soil, loose sandy loam; 2nd rate.
	No timber.
	Undergrowth, sage, oose, mountain rush, sand grass, and bunch grass.
	Poor grazing land.

	N.0°05'W., on a random line bet. secs. 5 and 6.
40.00	Set a temp. ¼ sec. cor,
80.23	Intersect the N. bdy. of the Tp. 16 lks. W. of the cor. of secs. 5, 6, 31 and 32, heretofore described.
	Thence
	S.0°02'W., on true line bet. secs. 5 and 6.
	Over rolling desert, through a scattering undergrowth; asc. gradually to
9.65	Sand swell, bears NE. and SW.; desc. 15 ft. over a SE. slope to
14.65	Draw, drains SW.; asc. gradually over a NW. slope to
20.95	Sand swell, bears NE. 5 chs. dist., and SW. 5 chs. dist.; desc. 20 ft. over a SE. slope to
27.24	Depression, drains SW.; asc. gradually to
40.23	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 6x4x4 ins., mkd. X, deposited alongside, for the ¼ sec. cor., with brass cap marked

¼

S 6 | S 5

1934

	Asc. 35 ft. over a NW. slope to
56.45	Sand swell, bears NE. and SW.; desc. gradually over a SE. slope to
58.30	Depression, drains SW.; asc. 60 ft. over a NW. slope to
80.23	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling desert; drainage SW.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

Soil, coarse sand and sandy loam; 4th rate.

No timber.

Undergrowth, sage, oose, greasewood, and gypsum weed.

Poor grazing land.

GENERAL DESCRIPTION

The land within this township is rolling and broken desert mesa, ranging in elevation about 4500 ft. above sea level. A mesa break extending through the central part of the township, divides the eastern portion into rolling desert land with very little drainage, and the western portion into broken desert land with general drainage toward the southwest into the Fremont River. The northwest rim of the Fremont River Basin extends through secs. 29, 30, 31, 32 and 33, forming a precipitous slope into that basin.

There is no timber on the land embraced in this township and only a medium dense growth of sage, blackbrush, oose oak brush, sand grass, and bunch grass. With this vegetation, fair grazing conditions are naturally supplied during the winter months when water is available; transient herds of sheep graze over the land at this period of the year. Stock raising is the only industry.

Tests from oil drilling operations indicated that water wells can be drilled with water available at a depth between 100 and 600 feet. A well, approximately 160 ft. deep, located in the northeast quarter of section 16, T.25 S., R. 12 E., supplies water for cattle that graze in this vicinity throughout the year. Water for culinary purposes was being hauled at the time of this survey by truck from natural reservoirs located ten miles northwest from this township. Because the water supply is limited, the land is not suitable for farming, and there are no settlers in the township.

The main road from Greenriver, Utah, extends through the northwestern portion of the township, and there are several secondary roads that can be travelled by automobile in the winter months when the sand is wet.

The soil found in this township is, in general, a loose sandy loam, appearing consistently throughout the eastern portion of the township; in the northwestern portion the soil is a coarse sand with some solid sandstone appearing on the surface area; the eroded southwestern portion consists of coarse sand, gypsum, and clay with much solid sandstone appearing on the surface area. Throughout the entire township there are intermittent outcroppings of solid sandstone and limestone. Sand dunes are evident within the township, varying in size from less than one to forty chains in length, and from less than one to ten chs. in width. These dunes are not stationary but bear evidence of shifting about with the winds.

Several unsuccessful attempts to locate oil in this area have been made in the past. An abandoned oil well was noted in SW¼ SW¼ of sec. 4. No surface indication of coal, oil, oil shale, or valuable minerals was found.

U. S. GOVERNMENT PRINTING OFFICE: 1955 6—8155

GENERAL DESCRIPTION

[redacted], Utah, situate approximately forty-five miles [redacted], is the nearest railroad point. Hanksville, [redacted], situate approximately fifteen miles southwest is the nearest post-office.

The magnetic declination at the southeast corner of the township is 16°30'E.

Volume

# #

R0517

U. S. GOVERNMENT PRINTING OFFICE: 1961 6—8155

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Fuller, Allen	Principal Assistant
Ryan, Kelly	" "
Winwood, Kelvin	" "
Smith, Guy	Chainman
Smith, Martin	"
Rudolph Olsen	"
Taylor, Elmer	"
Winn, Harold	"
Griffiths, Clark	Axman
Harris, Homer	Axman
Briggs, Joseph	Flagman
Willison, Glenn	Axman
Goodwin, Clark	Axman
Johansen, Harold	Axman
Brown, Grant G.	Axman
Jones, Ottis	Axman
Huntsman, Floyd	Axman
Jackson, Raymond S.	Axman
Worthen, Clayton	Axman
Morgan, Evans	Axman

9—2704

CERTIFICATE OF UNITED STATES SURVEYOR

I, Edgar Hayes, Transitman, (temporary) C. W. A.,
~~Claude Beebe, Transitman, (temporary)~~ C. W. A., and
Philander Maxwell, Transitman, (temporary) C. W. A.,
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 11th day of January, 1934, ~~I~~ We have well, faithfully, and truly in ~~my~~ our 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 subdivisions of T. 27 S.R. 12 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~~ us 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 Greenriver, Utah Feb. 18, 1934.

Philander Maxwell Transitman,
(temporary) C. W. A.

C Claude Beebe Transitman,
(temporary) C. W. A.

Edgar Hayes Transitman,
(temporary) C. W. A.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

....., 19....

The foregoing field notes of the survey of .....

executed by .....

under his special instructions dated ....., 19....., 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.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—2764

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Ethen Torgerson	Principal Assistant
Charles W. Brewer	Chainman
Woodrow Anderson	Flagman
Clark Green	Cornerman
Stanley Young	Axman
John D. Chamberlin	Axman

6—8412

CERTIFICATE OF UNITED STATES SURVEYER

I, Charles F. Moore, U. S. Surveyor, HEREBY CERTIFY upon honor that pursuance of special instructions bearing date of the 11th. day of January, 1934, received from the district cadastral engineer for Utah, District No. 6, with assignment instructions dated January 12, 1934, I have surveyed the N. Bdy. of T. 27 S., R. 12 E., and made an Independent Resurvey of the Henry Mountain Guide Meridian, Through T. 27 S., Between Rs. 11 and 12 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 said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Certified to at Salt Lake City,
Utah, March 15, 1935

Chas. F. Moore
U. S. Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,
Denver, Colorado, JUN 14 1935, 19

The foregoing field notes of the survey of Subdivisional Lines and N. bdy. of T. 27 S., R. 12 E., and the Independent Resurvey of the Henry Mountain Guide Meridian, Through T. 27 S., Rs. 11 and 12 E.

executed by Charles F. Moore, U. S. Surveyor, Claude Beebe, Edgar Hayes, and Philander Maxwell U. S. Transitmen, (temporary) C. W. A.

under special instructions dated January 11, 1934, and assignment instructions dated January 12, 1934, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

[signature]
U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in ....., is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

U. S. GOVERNMENT PRINTING OFFICE 1934 6—6612

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d—079
(April 1933)

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Public Survey Office
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

D

FIELD NOTES

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY,

SURVEY OF THE NORTH AND WEST BOUNDARIES,

AND THE SUBDIVISIONS OF T. 27 S., R. 11 E.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Elliot Bird, Surveyor and Cadastral Engineer,

Chas. F. Moore, Surveyor,

Alvyn C. Alberga, Public Land Surveyor,

Philander Maxwell, Transitman, (Temp. C.W.A.)

Under special instructions dated August 31, *1928*, and supplemental special instructions dated March 5, 1934 *for the surveys included under Group No.s* 214 & 256, *bearing the approval of the Commissioner of the General Land Office under date of* September 13, 1928, and April 19, 1934,

and assignment instructions dated October 25, 1929, and supplemental assignment instructions dated January 12, 1934, and September 12, 1939

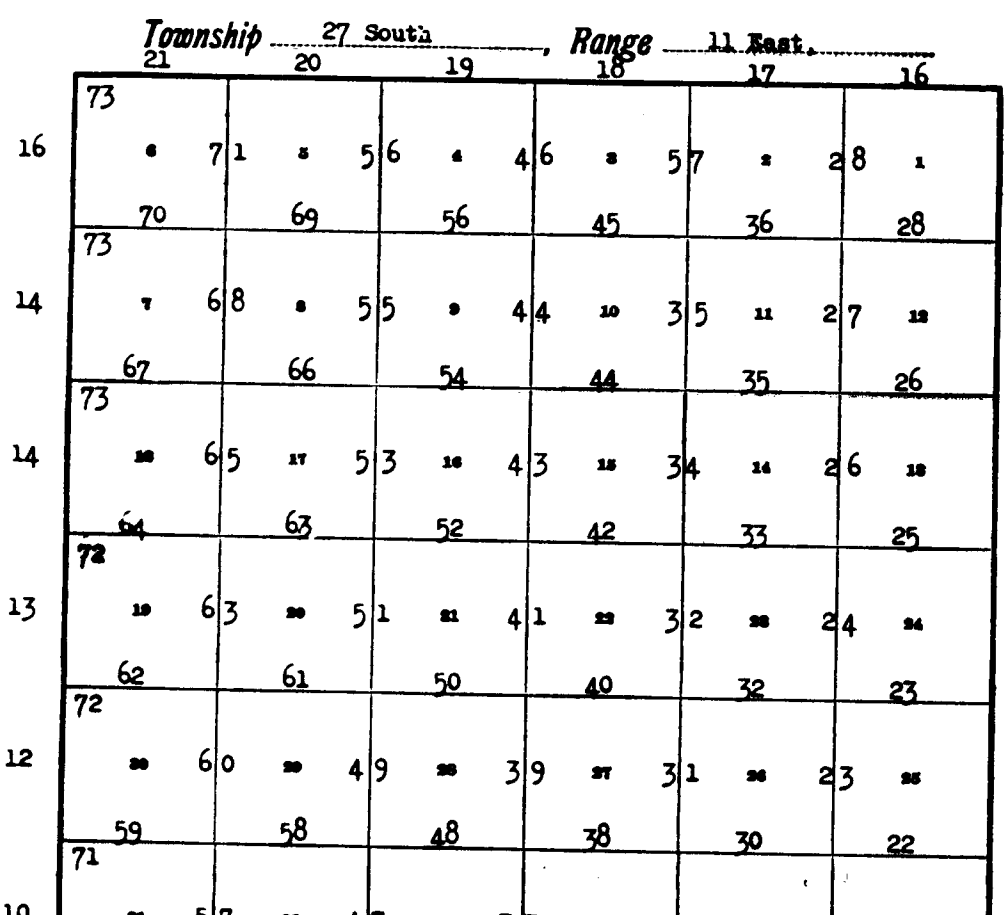
Survey commenced November 21, *19* 29

Survey completed September 30, *19* 39

U. S. GOVERNMENT PRINTING OFFICE 6—151

INDEX DIAGRAM.

Township 27 South, *Range* 11 East.



T. 27 S., R. 11 E.

The survey of T. 27 S., R. 11 E., Salt Lake Meridian, Utah, was commenced November 21, 1929, by Elliot Bird, Surveyor, and during this year the south three miles of the west boundary were surveyed under special instructions for Group No. 214, Utah. Work was discontinued on the township November 22, 1929, and again resumed on March 7, 1934, under the Civil Works Program, under special instructions for Group No.256, Utah. The surveys during this year were executed by Chas. F. Moore, Surveyor, and Philander Maxwell, Transitman, C.W.A. Work was again discontinued on the township March 24, 1934, and resumed by Elliot Bird, Cadastral Engineer, and Alvyn C. Alberga, Public Land Surveyor, on September 8, 1939.

The survey of the township was executed with Buff and Buff transits Nos 18003, 9210, 9983, and 16725, used by Elliot Bird, Chas. F. Moore, Philander Maxwell, and Alvyn C. Alberga, respectively. The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each transit are 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 circles.

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 October 25, 1929, issued to Elliot Bird, Surveyor, supplemental assignment instructions dated January 12, 1934, issued to Chas. F. Moore, Surveyor, and Philander Maxwell, Transitman, C. W. A., and supplemental assignment instructions dated September 12, 1939, issued to Elliot Bird, Cadastral Engineer, and Alvyn C. Alberga, Public Land Surveyor.

All of the instruments were in good adjustment and condition at the time of the survey. The country over which the lines of the survey were projected was open and not timbered, therefore, the solar attachments were not used. All azimuths referred to in this record are deflected by repetition of angles from true meridians determined by hour angle observations made upon Polaris during the progress of the survey, and the lines were carried forward by using double fore and back sights.

The supplemental special instructions for the survey of this township gives the approximate geographic position of the corner of Ts. 27 and 28 S., Rs. 11 and 12 E. as being in latitude 38°25'N., and the longitude 110°41'W.

All measurements were made with Lallie steel ribbon tapes, 5 and 8 chains in length, compared with a Lufkin standard steel tape, 1 chain in length, and found correct. The measurements were made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances which only appear in this record.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 27 S., R. 11 E.

Reestablishment of surveys executed by

A. D. Ferron, Deputy Surveyor,

in 1881.

March 7, 1934: Stationed at the corner of Ts. 27 and 28 S., Rs. 11 and 12 E., in approximate latitude 38°25'N., longitude 110°41'W., with instrument No. 9210, at 8h 39.4 m, a.m., local mean time, I make an hour angle observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag about 20 chains north of my station, in a clockwise direction to the star.

Chains	
	Watch time of observation (correct 105th Meridian Standard time) ..... 9h 02.7m a.m. Mean horizontal deflection angle flag to star ..... 1°20' Azimuth of Polaris..... 1°20'E. True bearing to flag..... North
	The corner of Ts 27 and 28 S., Rs. 11 and 12 E. is an iron post, 3 ins diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 12 E. of this group.
	Thence, from the above corner, I deflect an angle of 90° 45' in a counter clockwise direction from the true meridian, and run:
	S.89°15'W., along the S. bdy. of sec. 36, T. 27 S., R. 11 E.
	Over broken mesa land, through scattered short undergrowth.
15.60	Top of E.rim of canyon, bears N. and S.; descend abrupt broken W. slope.
18.60	Bottom of canyon, 190 ft. below township corner, drains S.; ascend abruptly over broken E. slope.
37.10	Top of ridge, 170 ft. above canyon, bears N. and S.; thence over rolling and broken mesa land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec 36, with brass cap marked ¼ S36 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
40.48	Proportionate point; find no trace of the original ¼ sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored ¼ sec. cor. of sec 1, with brass cap marked ¼ S1 1934 deposit a sandstone, 4x3x1 ins., at base of post, marked X.
	Continue over rolling and broken mesa land.
80.00	On sandstone surface rock, 180 ft. below the ¼ sec. cor. of sec. 1, mark a cross (X), over which
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. of secs. 35 and 36, with brass cap marked T27S | R11E S35 | S36 T28S | R11E S1 1934
80.96	Proportionate point; find no trace of the original sec. cor.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 27 S., R. 11 E.

Chains	
	Set an iron post, 3 ft. long, 3 ins. diam., 30 ins in the ground, for the restored cor. of secs., 1 and 2, with brass cap marked T27S R11E S35 S2 | S1 T28S | R11E 1934 raise a mound of stone, 3 ft. base, 2 ft. high, S of cor.
	Land, rolling and broken with a general southwesterly exposure and drainage. Sandstone and blue shale formation.
	Soil, shallow and deep sand, and blue clay; 3rd. rate
	Undergrowth, scattered black brush, mountain rush, weeds and grass.
	No timber.
	Poor grazing land.
	S.89°15'W., along the N. bdy. of sec. 2.
	Descend abrupt NW. slope of broken and rolling mesa land, through scattered undergrowth.
.60	Gulch, 20 ft. below corner, drains SW.; ascend gradual SE. slope.
16.60	Ridge, 140 ft. above gulch, bears N. and S.; descend gradual NW. slope.
26.80	Bottom of large draw, 140 ft. below ridge, drains SW.; ascend gradually.
29.60	Wide spur, 30 ft. above draw, projects S.; descend gradually.
31.00	Draw, 30 ft. below spur, drains S.; ascend gradually.
39.04	Point which is a westing of 40.00 chs. from the cor. of secs 35 and 36; on rolling land, 70 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 35, with brass cap marked ¼ S35 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
40.48	Proportionate point; no trace of the original ¼ sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored ¼ sec. cor. of sec 2, with brass cap marked ¼ S2 1934 raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
45.60	Small draw, 10 ft. deep, drains SW.; thence over rolling land.

Chains	
63.80	Gulch, 50 ft. deep, drains SE.; continue over rolling land.
72.90	Spur, 10 ft. high, projects S.; descend gradually.
76.30	Draw, 50 ft. below spur, drains SE.; continue gradual descent.
79.04	Point which is a westing of 40.00 chs. from the ¼ sec. cor. of sec. 35,
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 34 and 35, with brass cap marked T27S R11E S34 | S35 T28S R11E S2 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
80.96	The cor. originally for secs. 2, 3, 34, and 35, which is a sandstone, 10x10x8 ins., loosely set, marked 2 notches on E. edge, and 4 notches on W. edge. Cor. has no accessories.
	At the cor. point.
	Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 2 and 3, with brass cap marked T27S R11E S34 S3 | S2 T28S R11E 1934. raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Land, rolling and broken, with a general southerly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep sand and blue clay, mixed with shale; 3rd. rate.
	Undergrowth, black brush and mountain rush.
	No timber.
	Poor grazing land.
	N.87°26'W., along the N. bdy. of sec 3.
	Descend gradually over broken land through scattered undergrowth.
10.00	Draw, 100 ft. below cor., drains S.; thence over rolling land.
16.80	Road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
34.00	Shallow draw, drains S..
38.12	Point which is a westing of 40.00 chs. from the cor.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 27 S., R. 11 E.

Chains	
	of secs. 34 and 35.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 34, with brass cap marked ¼ S34 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
40.32	Point which is S.87°26'E., 31.00 chs. (record distance) from the witness cor. to the ¼ sec. cor. of secs. 3 and 34.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a large mound of stone to top, for the restored ¼ sec. cor of sec. 3, with brass cap marked ¼ S3 1934 deposit a sandstone, 7x7x3 ins., at base of post, marked X.
42.30	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
46.00	Wide draw, 90 ft. below the ¼ sec. cor. of sec. 3, drains S.; continue gradual descent.
47.80	Small spur, 50 ft. below draw, projects S.; descend gradually.
51.40	Draw, 50 ft. below spur, drains SE.; ascend gradually.
56.80	Top of large spur, 10 ft. above draw, projects S.; descend gradually.
61.20	Draw, 30 ft. below spur, drains SE.; ascend gradually.
70.30	Rim of mesa, 50 ft. high, 90 ft. above draw, bears N. and S.; descend abruptly.
71.32	The witness cor. to the ¼ sec. cor. originally for secs. 3 and 34, which is a sandstone, 12x7x5 ins., loosely set, marked WC ¼ on N. face. Cor. has no accessories.
	I change this cor. to an angle point by marking same "AP" on the N. face of stone.
	Thence
	N.89°43'W., with continuous measurement.
72.30	Small draw, drains S.
78.15	Point which is a westing of 40.00 chs. from the ¼ sec. cor. of sec. 34.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 33 and 34, with brass cap marked T27S R11E S33 | S34 T28S R11E S3 1934

Chains	
	deposit a sandstone, 8x6x4 ins., at base of post, marked X.
80.36	The cor. originally for secs. 3, 4, 33, and 34, which is a sandstone, 12x7x2 ins., loosely set, marked 3 notches on E. and W. edges. Cor. has no accessories.
	At the cor. point
	Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original stone deposited at the base for cor. of secs. 3 and 4, with brass cap marked
	T27S R11E S33 S4 | S3 T28S | R11E 1934
	No other accessories available.
	Land, broken and rolling mesa and bench land, with a general southerly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep sand, clay, and shale; 3rd rate.
	Undergrowth, black brush and mountain rush.
	No timber.
	Poor grazing land.
	N.89°49'W., along the N. bdy. of sec. 4.
	Descend gradually over series of small draws and spurs, through scattered undergrowth.
7.60	Small draw, drains SW.
21.90	Small draw, drains S.
24.10	Small spur, projects S.
26.00	Small draw, drains S.
29.30	Small spur, projects S.
30.10	Small draw, drains S.
33.80	Small spur, projects S.
37.79	Point which is a westing of 40.00 chs. from the cor. of secs. 33 and 34.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 33, with brass cap marked
	¼ S33 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
38.90	Rim of canyon, bears N. and S.; continue descent.
40.22	Proportionate point, 250 ft. below the cor. of secs. 3 and 4.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 4, with brass cap marked ¼ S4 1934 raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
43.70	Low spur, projects S.; ascend gradual E. slope.
59.60	Rim of mesa, bears N. and S.; thence over top of mesa.
61.60	Ridge, 100 ft. above spur, bears N. and S.; descend gradually.
66.70	Rim of mesa, bears N. and S.; descend gradual W. slope, to the Muddy River.
77.79	Point which is a westing of 40.00 chs. from the ¼ sec. cor. of sec. 33. Set iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 32 and 33, with brass cap marked T27S | R11E S32 | S33 T28S R11E S4 1934 deposit a sandstone, 6x4x2 ins., at base of post, marked X.
77.86	Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for witness cor. to the cor. of secs. 4 and 5, with brass cap marked T27S R11E WC S32 S5 | S4 T28S R11E 1934 deposit a sandstone, 8x6x5 ins., at base of post, marked X.
78.60	The left bank of the Muddy River, bears NE. and SW.; thence across channel of river, which at this point, is a small stream of muddy water, 12 lks. wide, 6 ins. deep, flowing SE.
80.44	Proportionate point and true point for the cor. of secs. 4 and 5, falls in bottom of channel of the Muddy River, where it is impracticable to set a cor. Land, rolling and broken, with a general southerly exposure and drainage. Sandstone and shale formation. Soil, deep and shallow sand, clay, and shale; 3rd. rate. Undergrowth, black brush, greasewood, mountain rush, weeds and grass. No timber. Fair grazing land.

Chains

From the true point for the cor. of secs. 4 and 5, which is N.89°49'W., 2.58 chs. from the witness cor. to the cor. of said secs.

N.89°49'W., along the N. bdy. of sec. 5.

Across the channel of the Muddy River.

2.60 Right bank of the Muddy River, bears N. and S.; thence ascend gradual SE. slope of broken land, through scattered undergrowth.

8.20 Spur, 110 ft. above river, projects S.; descend gradually.

28.50 Top of elongated sandy knoll, bears N. and S.

29.90 Small wash, in draw, 30 ft. below spur, drains SE.; ascend gradually.

35.50 Spur, 50 ft. above draw, projects S.; descend gradually.

37.35 Point which is a westing of 40.00 chs. from the cor. of secs. 32 and 33.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. cor. of sec. 32, with brass cap marked

¼ S32

1934

deposit a sandstone, 7x5x3 ins., at base of post, marked X.

40.22 Point which is S.89°49'E., 8.53 chs. (record distance) from the witness cor. to the ¼ sec. cor. originally for secs. 5 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 5, with brass cap marked

¼ S5

1934

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

46.90 Spur, 200 ft. above the ¼ sec. cor. of sec. 5, projects SE. descend abrupt SW. slope.

48.75 The witness cor. to the ¼ sec. cor. originally for secs. 5 and 32, which is a sandstone, 18x10x5 ins., firmly set, marked WC ¼ on N. face. Cor. has no accessories. As this cor. becomes an angle point, I mark same "AP" on its N. face.

Thence

N.89°50'W., with continuous measurement.

50.00 Descent becomes gradual, bears NW. and SE.

77.35 Point which is a westing of 40.00 chs. from the ¼ sec. cor. of sec. 32, and true point for the cor. of secs. 31 and 32. True point for cor. falls on loose shale slope where it is impracticable to set a permanent cor., therefore, at a point N.0°03'W., 80 lks. dist. from the true point for cor., which point is on the true line bet. secs 31 and 32.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone to top, for witness cor. to the cor. of secs. 31 and 32, with brass cap marked T27S | R11E S31 | S32 T28S R11E S5 WC 1934 deposit a sandstone, 12x10x8 ins., at base of post, marked X.
78.70	Low spur, projects S.
80.31	Point which is S.89°50'E., 13.00 chs. (record distance) from the witness cor. to the cor. originally set for secs. 5, 6, 31, and 32. Set an iron post, 3 ft. long, 3 ins diam., 30 ins. in the ground, for cor. of secs. 5 and 6, with brass cap marked T27S R11E S31 S6 | S5 T28S | R11E 1934 raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Land, broken, with a general southerly and southeasterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep sand, clay, and shale; 3rd. rate.
	Undergrowth, black brush, mountain rush, weeds, and grass.
	No timber.
	Fair grazing land.
	N.89°50'W., along the N. bdy. of sec. 6.
	Over broken mesa land, through scattered undergrowth.
0.50	Bottom of rocky draw, 20 ft. below corner, drains S.; ascend gradually.
13.00	On top of ridge, 200 ft. above draw, bears N. and W.; the witness cor. to the cor. originally for secs. 5, 6, 31 and 32, which is a sandstone, 24x10x8 ins., firmly set, marked 5 notches on E. edge, and 1 notch on W. edge, and WC on N. face. Cor. has no accessories. As this cor. becomes an angle point, I mark same "AP" on its N. face.
	Thence
	N.89°49'W., with continuous measurement.
36.50	Large rocky draw, 260 ft. below ridge, drains SE.; thence over rolling land.
37.04	Point which is a westing of 40.00 chs. from the true point for the cor. of secs. 31 and 32.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 27 S., R. 11 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 31, with brass cap marked ¼ S31 1934 deposit a sandstone, 8x7x6 ins., at base of post, marked X.
41.44	Point which is S.89°49'E., 16.00 chs. (record distance) from the witness cor. to the ¼ sec. cor. originally for secs. 6 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. cor. of sec. 6, with brass cap marked ¼ S6 1934 deposit a sandstone, 8x6x3 ins., at base of post, marked X.
43.20	Rim of rocky draw, bears NE . and SW.; ascend gradually.
57.44	On top of ridge, 150 ft. above the ¼ sec. cor. of sec. 6, bears N. and S.; the witness cor. to the ¼ sec. corner, originally for secs. 6 and 31, which is a sandstone, 14x6x5 ins., firmly set, marked WC ¼ on N. face. Cor. has no accessories. As this cor. now becomes an angle point, I mark same "AP" on its N. face. Thence N.89°07'W., with continuous measurement
80.77	The cor. of Ts. 27 and 28 S., Rs. 10 and 11 E., hereinafter described, 75 ft. below ridge. Note: In the resurvey of this boundary, no trace of any of the corners reported set by A. D. Ferron, U. S. Deputy Surveyor, in his resurvey of the N. boundary of sec. 5, in 1883, could be found. Land, broken, with a general southeasterly exposure and drainage, Sandstone and shale formation. Soil, shallow and deep blue clay and sand; 3rd. rate. Undergrowth, black brush, mountain rush, weeds, and grass. No timber. Poor grazing land.

WEST BOUNDARY, T. 27 S., R. 11 E.

Note: The south three miles of this boundary were surveyed by Elliot Bird, Surveyor, under Group No. 214, Utah, in, 1929, and the north three miles were surveyed by Chas. F. Moore, Surveyor, under Group No. 256, Utah, in 1934.

The cor. of Ts. 27 and 28 S., Rs. 10 and 11 E., is a sandstone, 20x12x10 ins., loosely set in a mound of stone, upon which I find dim traces of notches on all four edges. Cor. has no accessories.

At the cor. point.

[illegible] T. R. 11 E.

Chains	
	Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground to solid rock; and in a large mound of stone to top, with the original cor. stone deposited at the base, for cor. of Ts. 27 and 28 S., Rs. 10 and 11 E., with brass cap marked T27S R10E | R11E S36 | S31 S1 | S6 T28S 1929 deposit a sandstone, 48x24x12 ins., at base of post, marked X.
	November 21, 1929: Stationed at the above corner, in approximate latitude 38°25'N., longitude 110°48'W., with instrument No. 18003, at 4h 25.3m p.m., local mean time, I make an hour angle observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag about ½ mile to the west, in a clockwise direction to the star.
	Watch time of observation (correct 105th Meridian Standard time..... 4h 48.5m p.m. Mean horizontal deflection angle flag to star..... 91° 21' Azimuth of Polaris..... 1° 21'E. True bearing to flag..... West.
	Thence from the above flag, I deflect an angle of 90°00' in a clockwise direction to the true meridian, and run
	North, bet. secs. 31 and 36.
	Over rolling and broken mesa land, through scattered short undergrowth.
2.60	Sandstone spur, 40 ft. high, projects SW.
8.30	Sandstone draw, 20 ft. deep, drains SW.
11.50	Spur, 35 ft. high, projects SW.
17.50	Sandstone draw, 40 ft. deep, drains SW.
40.00	In bottom of wide shallow draw, 20 ft. deep, drains S.30°W.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S36 | S31 1929 deposit a sandstone, 14x10x10 ins., at base of post, marked X.
46.00	Spur, 30 ft. high, projects SW.
47.80	Small draw, drains SW.
68.80	Base of abrupt ascent over S. slope of ridge, bears E. and W.
71.70	Ridge, 130 ft. high, bears N.70°E. and S.70°W.; descend gradual [illegible]

Chains

80.00 On gradual N. slope, 20 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 25, 30, 31, and 36, with brass cap marked

T27S
R10E | R11E
S25 | S30
S36 | S31
1929

deposit a sandstone, 14x10x8 ins., at base of post, marked X.

Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone and blue shale formation.

Soil, shallow blue clay and sand; 4th. rate.

Undergrowth, short black brush, mountain rush, weeds, and grass.

No timber.

Fair winter grazing land.

North, bet. secs. 25 and 30.

Descend gradual N. slope of rolling and broken mesa land, through scattered short undergrowth.

18.50 Descent becomes more abrupt, bears NW. and E.

40.00 On broken N. slope, 150 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S25 | S30
1929

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

43.40 Draw, 10 ft. below the ¼ sec. cor., drains N.60°W.; thence over rolling land.

61.00 Low spur, 30 ft. high, projects W.; thence over broken land.

64.20 Draw, 20 ft. deep, drains S.70°W.

70.00 Small spur, 20 ft. high, projects W.

75.60 Top of S. rim of gulch, bears NE. and SW.; descend abrupt NW. slope.

78.75 Near bottom of gulch, 120 ft. below top of S. rim.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for witness cor. to the cor. of secs. 19, 24, 25, and 30, with brass cap marked

WC
T27S
R10E | R11E

WEST BOUNDARY, T. 27 S., R. 11 E.

Chains	
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.
80.00	True point for corner falls in bottom of gulch, draining NE. from the N., where it is impracticable to set a corner.
	Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.
	Soil, shallow blue clay, and sand with a rocky surface; 4th rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.

From the true point for the corner of sections 19, 24, 25, and 30, which is North 1.25 chains distant from the witness corner to the corner of said sections.

North, between secs. 19 and 24.

Along bottom of gulch, draining S.

7.80 Leave bottom of gulch, drains S. from SW.; ascend abruptly over broken ledges, through scattered undergrowth.

11.80 Top of N. rim of gulch, 120 ft. above bottom, bears NE. and SW.; thence over broken bench land.

40.00 On sandstone surface rock, mark a cross (X), over which

Set an iron post, 3 ft. long, 1 in. diameter, in a large mound of stone to top, for ¼ section corner, with brass cap marked

¼
S24 | S19
1929

48.00 Begin gradual descent over NE. slope, bears NW. and SE.

52.80 Draw, 40 ft. deep, drains E.; ascend abruptly over white and red clay breaks.

57.00 Top of red and white clay breaks, 30 ft. high, bears N.30°W. and S.30°E.

80.00 On sandy S. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for corner of sections 13, 18, 19 and 24, with brass cap marked

T27S
R10E | R11E
S13 | S18
S24 | S19
1929

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

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WEST BOUNDARY, T. 27 S., R. 11 E.

Chains	
	Land, broken and rolling, with a general southwesterly exposure and drainage. Sandstone, shale and volcanic formation.
	Soil, shallow sand and clay, with a rocky surface; 4th rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	North, between sections 13 and 18.
	Ascend gradual S. slope of broken land, through scattered short undergrowth.
6.20	Spur, 10 ft. above corner, projects W.; continue gradual ascent.
28.80	Rocky spur, 110 ft. above corner, projects E.; descend gradually.
40.00	On rolling ground.
	Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S13 | S18 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of corner.
45.40	Top of SE. rim of gulch, bears NE. and SW.
47.70	Bottom of gulch, 40 ft. deep, drains NE., and heads SW., 2.00 chains distant.
50.00	Top of NW. rim of gulch, bears NE. and SW.; thence over broken mesa land.
56.90	Top of rim of mesa, and SW. breaks of the Muddy River, bears N.60°W. and S.60°E.; descend abruptly over breaks of river.
60.50	The SW. edge of the channel of the Muddy River, 260 ft. below top of SW. breaks, bears SE. and NW.; thence across channel of the Muddy River.
71.40	Stream of muddy water, 12 links wide, 4 ins. deep, flows SE.
73.40	The NE. edge of the channel of the Muddy River, bears S.25°E. and N.25°W.; ascend abruptly over broken SW. slope of ridge.
80.00	On top of ridge, 140 ft. above the Muddy River, bears NW. and SE.
	Set an iron post, 3 ft. long, 2 ins. diameter, 16 ins. in the ground to solid rock, and in a large mound of stone to top, for corner of secs. 7, 12, 13, and 18, with brass cap marked T27S R10E | R11E S12 | S7 S13 | S18 1934

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	deposit a sandstone, 10x8x6 ins., at base of post, marked X.
	Land, broken, with a general southeasterly exposure and drainage; sandstone, shale, and volcanic formation.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	North, bet. secs. 7 and 12.
	Over rolling bench land, through scattered short undergrowth.
26.00	The SE. rim of canyon, bears NE. and SW.; descend gradually.
40.00	On gradual NW. slope, 70 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S12 | S7 1934 deposit a sandstone, 10x8x6 ins., at base of post, marked X.
47.20	Bottom of canyon, 40 ft. below the ¼ sec. cor., drains S.30°W., to the Muddy River; ascend gradually.
80.00	On broken land, 180 ft. above canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 1, 6, 7, and 12, with brass cap marked T27S R10E | R11E S1 | S6 S12 | S7 1934 deposit a sandstone, 10x5x5 ins., at base of post, marked X.
	Land, broken and rolling, with a general southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.
	Soil, shallow sand, clay and rock; 4th. rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass
	No timber.
	Fair winter grazing land.
	North, bet. secs. 1 and 6.
	Over rolling bench land, through scattered short under-

Chains

growth.

40.00 On rolling land, 20 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked

¼
S1 | S6
1934

deposit a sandstone, 4x4x4 ins., at base of post, marked X.

Continue over rolling bench land.

73.60 Low ridge, 90 ft. above the ¼ sec. corner bears NE. and SW.

80.00 On rolling NW. slope, 20 ft. below top of ridge.

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground to solid rock, and in a large mound of stone, to top, for cor. to Ts. 26 and 27 S., Rs. 10 and 11 E., with brass cap marked

T26S
R10E | R11E
S36 | S31
S1 | S6
T27S
1934

deposit a sandstone, 6x5x5 ins., at base of post, marked X.

Land, rolling, with a general southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th. rate.

Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.

No timber.

Fair winter grazing land.

NORTH BOUNDARY, T. 27 S., R. 11 E.

From the cor. of Ts. 26 and 27 S., Rs. 11 and 12 E., hereinafter described.

West, along the N. bdy. of T. 27 S., R. 11 E., for alinement only, and fall 1.54 chs. S. of the cor. of Ts. 26 and 27 S., Rs. 10 and 11 E. heretofore described. The bearing of this boundary, therefore, is N.89°49'W.

Thence

From the cor. of Ts. 26 and 27 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 12 E., of this group.

N.89°49'W., on true line, bet secs. 1 and 36.

Over rolling land, through scattered short undergrowth.

26.10 Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S 36 / S 1 / 1934 deposit a sandstone, 4x3x3 ins., at base of post, marked X. No other accessories available.
50.40	Low ridge, 35 ft. high, bears NE. and SW.; descend gradually.
65.30	Base of descent from ridge, bears NE. and SW.; thence over rolling land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap marked T26S R11E / S35 S36 / S2 S1 / T27S / 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling, with a general southerly exposure and drainage. Sandstone formation. Soil, deep loose sand; 3rd. rate. Undergrowth, short black brush, mountain rush, yellow top, weeds and grass. No timber. Fair winter grazing land.

N.89°49'W., bet. secs. 2 and 35.

Ascend gradually over rolling and broken land, through scattered short undergrowth.

1.70	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
3.20	Wash, 30 lks. wide, 2 ft. deep, drains S.
23.60	Low ridge, 30 ft. high, bears NE. and SW.
31.60	Small draw, drains S.
37.00	Top of a low sand knoll.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 35 / S 2 / 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Chains	
48.60	Top of low ridge, bears NE. and SW.
67.80	Bottom of wide draw, 90 ft. below ridge, drains S.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, with brass cap marked T26S R11E S34 | S35 S3 | S2 T27S 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling, with a general southerly exposure and drainage. Sandstone formation.
	Soil, shallow and deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, yellow top, weeds and grass.
	No timber.
	Fair winter grazing land.

N.89°49'W., bet. secs. 3 and 34.

Over rolling and broken land, through scattered short undergrowth.

4.50	Sandstone rim, faces E. and bears N. and S.
12.40	Low spur, projects SE.
22.10	Ridge, 150 ft. above sec. corner, bears NE. and SW.; descend gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to solid rock, and in a large mound of stone, to top, for ¼ sec. corner, with brass cap marked ¼ S 34 S 3 1934 deposit a sandstone, 8x7x2 ins., at base of post, marked X.
68.70	Draw, 160 ft. below ridge, drains NW.; ascend gradually.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 3, 4, 33, and 34, with brass cap marked T26S R11E S33 | S34 S4 | S3 T27S 1934 deposit a sandstone, 8x5x4 ins., at base of post, marked X.
	Land, rolling, with a general southeasterly and northwesterly exposure and drainage. Sandstone, volcanic and shale formation.

Chains	
	Soil, shallow and deep, sand, clay, and rock; 4th rate.
	Undergrowth, short black brush, shadscale, mountain rush, yellow top, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.89°49'W., bet. secs. 4 and 33.
	Over rolling and broken bench land, through scattered short undergrowth.
20.50	Draw, 40 ft. below corner, drains NE.; ascend gradual SE. slope.
21.40	Sandstone rim, faces SE., and bears NE. and SW.
40.00	On rolling land, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 33 / S4 1934 deposit a sandstone, 5x4x2 ins., at base of post, marked X.
41.60	Low ridge, 30 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradually.
58.20	Wash, 30 lks. wide, 3 ft. deep, drains SW.
66.90	Small draw, drains SW.; continue gradual descent.
80.00	On rolling land, 200 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with brass cap marked T26S | R11E S32 | S33 S5 | S4 T27S 1934 deposit a sandstone, 4x4x2 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, rolling and broken, with a general northeasterly and southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.
	Soil, shallow and deep sand, clay, and rock; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, yellow top and weeds.
	No timber.
	Fair winter grazing land.

Chains

N.89°49'W., bet. secs. 5 and 32.

Descend gradually over rolling and broken bench land, through scattered short undergrowth.

8.40 Draw, 90 ft. below corner, drains SW.; ascend broken SE. slope.

12.20 Low spur, projects S.

23.10 Low spur, projects S.

32.30 Sandstone rim, faces E. and bears N. and S.

40.00 On broken land, 250 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked

¼ S 32 / S 5
1934

deposit a sandstone, 6x5x4 ins., at base of post, marked X.

Thence ascend gradually over broken E. slope.

53.20 Ridge, 50 ft. above the ¼ sec. corner, bears N. and S.; descend gradual W. slope.

80.00 On gradual W. slope, 50 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T26S | R11E
S31 | S32
S6 | S5
T27S
1934

deposit a sandstone, 4x4x4 ins., at base of post, marked X.

Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

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

Undergrowth, black brush, shadscale, mountain rush, weeds and grass.

No timber.

Fair winter grazing land.

N.89°49'W., bet. secs. 6 and 31.

Over broken bench land, through scattered short undergrowth.

1.10 Rim of deep draw, bears N.30°E. and S.30°W.

11.90 Bottom of draw, 140 ft. deep, drains S.30°W.

18.60 Top of W. rim of draw, bears N.30°E. and S.30°W.

NORTH BOUNDARY, T. 27 S., R. 11 E.

Chains	
23.30	Ridge, 100 ft. above draw, bears N. and S.; descend gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 31 / S 6 / 1934 deposit a sandstone, 6x4x4 ins., at base of post, marked X.
	Continue gradual descent over SW. slope.
83.19	The cor. of Ts. 26 and 27 S., Rs. 10 and 11 E., heretofore described, 70 ft. below ridge.
	Land, broken with a general southwesterly exposure and drainage.
	Soil, shallow clay, sand, and rock; 3rd rate.
	Undergrowth, shadscale, black brush, mountain rush, weeds, yellow top and grass.
	No timber.
	Fair winter grazing land.

SUBDIVISION OF T. 27 S., R. 11 E.

From the corner of secs. 25, 30, 31, and 36, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 12 E., of this group.

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

40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. for secs. 25, 26, 35, and 36.
	From the temp. cor. of secs. 25, 26, 35, and 36.
	S.0°01'E., on random line, bet. secs. 35 and 36.
40.00	Set temp. ¼ sec. cor.
81.19	Fall 3 lks. W. of the cor. of secs. 35 and 36, on the S. bdy. of the township, heretofore described.
	Thence
	From the corner of sections 35 and 36.
	N.0°01'W., on true line, bet. secs. 35 and 36.
	Over rolling land through scattered undergrowth.
0.30	Small gulch, drains SW.
41.19	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S35 | S36 1934

Chains	
	deposit a sandstone, 6x6x3 ins., at base of post, marked X.
	No other suitable accessories available.
55.00	Low ridge, bears NE. and SW.
62.10	Small draw, 30 ft. below the ¼ sec. corner, drains SW.; ascend gradually.
81.19	On rolling land, 70 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins diam., 30 ins. in the ground, for cor. of secs 25, 26, 35, and 36, with brass cap marked T27S | R11E S26 | S25 S35 | S36 1934
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, black brush, mountain rush, weeds, and grass.
	No timber.
	Fair winter grazing land.
	From the corner of sections 25, 30, 31, and 36, on the E. bdy. of the township.
	West, on a sectional correction line, bet. secs. 25 and 36.
	Over rolling bench land, through scattered short undergrowth.
38.70	Bottom of wide shallow draw, drains SW.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 25 S 36 1934 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
79.97	The cor. of secs. 25, 26, 35, and 36, 30 ft. below the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short shadscale, black brush, yellow top, weeds and grass.
	No timber.
	Fair winter grazing land.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	N.0°01'W., bet. secs. 25 and 26.
	Ascend gradually over broken S. slope of bench land, through scattered short undergrowth.
30.20	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
40.00	On broken land, 40 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S26 | S25 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Continue gradual ascent over broken S. slope.
47.90	Slope changes from a gradual S. slope to a gradual SW. slope.
50.70	Road, bears E. to Green River, Utah, and W. to Hanksville, Utah.
80.00	On broken land, 70 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. to secs. 23, 24, 25, and 26, with brass cap marked T27S | R11E S23 | S24 S26 | S25 1934 deposit a gray chert rock, 8x6x6 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, broken with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, course gravel and sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, weeds, and grass.
	No timber.
	Poor grazing land.

	East, on random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.99	Intersect the E. bdy. of the township, 3 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 12 E. of this group.
	Thence
	S.89°59'W., on true line, bet. secs. 24 and 25.
	Over broken S. slope of mesa land, through scattered

Chains

short undergrowth.

17.50 Spur, 80 ft. above cor., projects S.; descend gradual SW. slope.

23.80 Road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.

25.00 Draw, 40 ft. below spur, drains S.; ascend gradually.

39.99 On gradual S. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked

¼ S 24 / S 25 / 1934

deposit a sandstone, 6x4x2 ins., at base of post, marked X

43.70 Low spur, projects S.; descend gradually.

79.99 The cor. of secs. 23, 24, 25, and 26, 80 ft. above spur.

Land, broken, with a general southerly exposure and drainage. Sandstone formation.

Soil, loose gravel and sand; 3rd rate.

Undergrowth, black brush, mountain rush, weeds, and grass.

No timber.

Poor grazing land.

N.0°01'W., bet. secs. 23 and 24.

Ascend gradual SW. slope of broken mesa land, through scattered undergrowth.

40.00 On top of S. rim of gulch, 90 ft. above sec. corner, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked.

¼ / S23 | S24 / 1934

deposit a volcanic stone, 5x5x2 ins., at base of post, marked X.

44.20 Bottom of gulch, 60 ft. deep, drains W.; ascend abruptly.

47.10 Top of N. rim of gulch, bears E. and W.; thence ascend gradually.

59.40 Ridge, 80 ft. above gulch, bears NE. and SW.; descend gradually.

67.30 Sandstone rim, faces NW. and bears NE. and SW.; descend abrupt NW. slope.

80.00 On NW. slope, 850 ft. below ridge.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked T27S | R11E S14 | S13 S23 | S24 1934 deposit a sandstone, 6x3x2 ins., at base of post, marked X. No other suitable accessories available. Land, broken, with a general southwesterly exposure and drainage. Sandstone formation. Soil, loose gravel and sand, with outcroppings of sandstone; 3rd rate. Undergrowth, short mountain rush, black brush, weeds and grass. No timber. Poor grazing land.
	N.89°59'E., on random line, bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor
79.98	Intersect the E. bdy. of the township, 3 lks. S. of the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 12 E., of this group. Thence S.89°58'W., on true line, bet. secs. 13 and 24. Ascend gradual NE. slope of rolling and broken land, through scattered short undergrowth.
39.99	On rolling land, 50 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 13 S 24 1934 deposit a sandstone, 6x6x2 ins., at base of post, marked X.
48.30	Low ridge, 30 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradual NW. slope.
63.80	Sandstone rim, faces NW. and bears NE. and SW.
79.98	The cor. of secs. 13, 14, 23, and 24, 200 ft. below ridge. Land, rolling and broken, with a general northeasterly and northwesterly exposure and drainage. Sandstone and volcanic formation. Soil, loose gravel and sand; 3rd rate.

Chains	
	Undergrowth, short black brush, mountain rush, weeds and grass.
	No timber.
	Poor grazing land.
	N.0°01'W., bet. secs. 13 and 14.
	Over rolling bench land, through scattered short undergrowth.
32.60	Old road, bears N.30°E. to Green River, Utah, and S.30°W. to Hanksville, Utah.
40.00	On rolling land, 20 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S14 | S13 1934 deposit a sandstone, 5x5x4 ins., at base of post, marked X.
	No other suitable accessories available.
52.80	Top of low wide spur, projects W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap marked T27S | R11E S11 | S12 S14 | S13 1934 deposit 1 quart of charcoal at base of post.
	No other suitable accessories available.
	Land, rolling, with a general westerly exposure and drainage. Sandstone and shale formation.
	Soil, sand and gravel; 3rd rate.
	Undergrowth, short black brush, mountain rush, weeds and grass
	No timber.
	Fair winter grazing land.
	N.89°58'E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.99	Intersect the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 12 E., of this Group. Thence

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	S.89°58'W., on true line, bet. secs. 12 and 13.
	Over rolling land, through scattered short undergrowth.
20.60	Low ridge, bears N. and S.
39.99	On rolling land, 50 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 12 / S 13 1934 deposit 1 quart of charcoal at base of post.
	No other suitable accessories available.
70.50	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
79.99	The cor. of secs. 11, 12, 13, and 14, 70 ft. below the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°01'W., bet. secs. 11 and 12.
	Ascend gradually over rolling land, through scattered short undergrowth.
40.00	On rolling land, 20 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S11 | S12 1934 deposit 1 quart of charcoal, at base of post.
	No other suitable accessoris available.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap marked T27S | R11E S2 | S1 S11 | S12 1934 deposit 1 quart of charcoal, at base of post.
	No other suitable accessories available.

Chains	
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.89°58'E., on random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the E. bdy. of the township, 5 lks. S. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 12 E. of this group.
	Thence
	S.89°56'W., on true line, bet. secs. 1 and 12.
	Over rolling land, through scattered short undergrowth.
39.98	On rolling land, 50 ft. below the sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 1 / S 12 / 1934 deposit 1 quart of charcoal at base of post.
	No other suitable accessories available.
50.00	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
79.96	The cor. of secs. 1, 2, 11, and 12, 30 ft. below the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°01'W., on random line, bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. bdy. of the township, 5 lks. E. of the cor. of secs. 1, 2, 35, and 36, heretofore described.
	Thence

Chains	
	S.0°03'E., on true line, bet. secs. 1 and 2.
	Ascend gradually over rolling land, through scattered short undergrowth.
40.00	On sandstone rim, faces NW. and bears NE. and SW., 60 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S2 | S1 1934 deposit 1 quart of charcoal at base of post.
	No other accessories available.
80.00	The cor. of secs. 1, 2, 11, and 12, 20 ft. below the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short shadscale, black brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 25, 26, 35, and 36, heretofore described.
	West, on random line, bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. of secs. 26, 27, 34, and 35.
	From the temp. cor. of secs. 26, 27, 34, and 35.
	S.0°01'E., on random line, bet. secs. 34 and 35.
40.00	Set temp. ¼ sec. cor.
82.27	Fall 5 lks. W. of the cor. of secs. 34 and 35, on the S. bdy. of the township, heretofore described.
	Thence
	From the cor. of secs. 34 and 35.
	N.0°01'W., on true line, bet. secs. 34 and 35.
	Over rolling land, through scattered short undergrowth.
3.20	Small draw, drains SE.
34.10	Road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
42.27	On rolling land, 40 ft. above the sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in

U. S. GOVERNMENT PRINTING OFFICE 0—6155

Chains	
	the ground, for ¼ sec. corner, with brass cap marked ¼ S34 | S35 1934 deposit the glass of a broken bottle at base of post.
	No other suitable accessories available.
69.00	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
82.27	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, with brass cap marked T27S R11E S27 | S26 S34 | S35 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling, with a general southwesterly exposure and drainage. Formation, sandstone.
	Soil, deep loose sand, 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 25, 26, 35, and 36.
	West, on a sectional correction line, bet. secs. 26 and 35.
	Over rolling land, through scattered short undergrowth.
3.90	Small draw, 10 ft. deep, drains SW.
9.50	Low spur, 10 ft. high, projects S.
28.40	Small draw, drains SW.
32.10	Small spur, projects SW.
33.20	Small draw, drains SW.
39.97	On rolling land, 60 ft. below the sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 26 S 35 1934 deposit a sandstone, 5x4x3 ins., at base of post, marked X.
	No other suitable accessories available.
46.70	Road, bears N. to Green River, Utah, and S. to Hanksville, Utah.

Chains	
65.80	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
79.95	The cor. of secs. 26, 27, 34, and 35, 10 ft. below the ¼ sec. cor.
	Land, rolling, with a general southerly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Poor grazing land.

N.0°01'W., bet. secs. 26 and 27.

Ascend gradual SW. slope of rolling land, through scattered short undergrowth.

13.70	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
40.00	On rolling land, 40 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked

¼

S27 | S26

1934

deposit a volcanic stone, 4x3x3 ins., at base of post, marked X.

No other suitable accessories available.

74.90	The S. base of ledgy point of mesa, about 140 ft. high, bears E. and W., over which I am unable to chain, to pass point I offset as follows,

West, 3.88 chs., N.0°01'W. 3.88 chs., East, 3.88 chs. to

78.78	Point on true line, at N. base of ledgy point, bears NE. and SW.; thence on true line.
80.00	In cove at base of rim of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T27S | R11E

S22 | S23

S27 | S26

1934

deposit a sandstone, 6x5x4 ins., at base of post, marked X.

Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone formation.

Soil, gravel and sand; 3rd rate.

Undergrowth, short black brush, mountain rush, shadscale,

Chains	
	weeds and grass.
	No timber.
	Fair grazing land.
	East, on random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
79.95	Intersect the cor. of secs. 23, 24, 25, and 26.
	Thence
	West, on true line, bet. secs. 23 and 26.
	Descend gradual SW. slope of rolling and broken land, through scattered short undergrowth.
39.97	On rolling land, 25 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 23 / S 26 1934 deposit a sandstone, 8x2x2 ins., at base of post, marked X.
	No other suitable accessories available.
51.40	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
53.70	Small draw, drains SW.
64.70	Top of SE. rim of mesa, 150 ft. high, bears NE. and SW.; thence over top of mesa.
75.20	Top of rim of mesa, 150 ft. high, bears N. and S.; descend abruptly.
79.95	The cor. of secs. 22, 23, 26, and 27, 170 ft. below top of mesa.
	Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, loose gravel and sand, with outcroppings of sandstone; 3rd rate.
	Undergrowth, black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°01'W., bet. secs. 22 and 23.
	Ascend abrupt SW. slope of rim of mesa, through scattered short undergrowth.
3.90	Top of S. rim of mesa, 145 ft. above corner, bears E. and SW.; thence over ledgy top of mesa.

Chains	
40.00	On sandstone surface rock, mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S22 | S23 1934
56.90	Top of N. rim of mesa, bears NW. and SE.; descend abrupt NE. slope.
74.70	Small draw, drains NE.
80.00	On broken land, 130 ft. below rim of mesa. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 14, 15, 22, and 23, with brass cap marked T27S | R11E S15 | S14 S22 | S23 1934 deposit a sandstone, 8x7x6 ins., at base of post, marked X. Land, broken, with a general southwesterly and northeasterly exposure and drainage. Soil, shallow sand and clay, with exposed surface rock; 3rd rate. Undergrowth, short black brush, mountain rush, weeds and grass. No timber. Fair winter grazing land.
	East, on random line, bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.97	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 13, 14, 23, and 24. Thence S.89°59'W., on true line, bet. secs. 14 and 23. Descend gradual NW. slope of rolling land, through scattered short undergrowth.
20.00	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
28.10	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
39.98	On rolling land, 80 ft. below the sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 14 S 23 1934

U. S. GOVERNMENT PRINTING OFFICE 8—9105

Chains	
	deposit a sandstone, 6x4x4 ins., at base of post, marked X.
	No other suitable accessories available.
64.60	Small wash, drains NW.
76.90	Small wash, drains N.
79.97	The cor. of secs. 14, 15, 22, and 23, 90 ft. below the ¼ sec. cor.
	Land, rolling, with a general northwesterly exposure and drainage. Sandstone formation.
	Soil, shallow loose sand; 3rd rate.
	Undergrowth, black brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°01'W., bet. secs. 14 and 15.
	Over rolling land, through scattered short undergrowth.
23.50	Small wash, drains NW.
33.30	Small wash, drains W. to junction with last wash.
38.10	Top of sandstone knoll, 20 ft. high.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S15 | S14 1934 deposit a sandstone, 6x5x5 ins., at base of post, marked X.
40.20	Sandstone rim, faces NW. and bears NE. and SW.
80.00	On rolling land, 80 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap marked T27S | R11E S10 | S11 S15 | S14 1934 deposit 1 quart of charcoal at base of post.
	No other suitable accessories available.
	Land, rolling and broken, with a general northwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	Fair winter grazing land.
	N.89°59'E., on random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor
79.99	Intersect the cor. of secs. 11, 12, 13, and 14.
	Thence
	S.89°59'W., on true line, bet. secs. 11 and 14.
	Over rolling land, through scattered short undergrowth.
36.80	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
39.99	On rolling land, 120 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 11 / S 14 1934 deposit 1 quart of charcoal at base of post.
	No other suitable accessories available.
79.99	The cor. of secs. 10, 11, 14, and 15, 40 ft. below the ¼ sec. cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep and shallow sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°01'W., bet. secs. 10 and 11.
	Over broken bench land, through scattered short undergrowth.
6.80	Small wash, drains SW.
12.00	Old road, bears NE. and SW.
20.70	Small wash, drains S.30°W.
40.00	On broken land, 20 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S10 | S11 1934 deposit a

Chains	
	sandstone, 7x3x2 ins., at base of post, marked X.
60.00	Small draw, drains SW.
80.00	On broken land, 40 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked T27S | R11E S3 | S2 S10 | S11 1934 deposit a sandstone, 4x4x2 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.89°59'E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 1, 2, 11, and 12.
	Thence
	S.89°58'W., on true line, bet. secs. 2 and 11.
	Over rolling and broken land, through scattered short undergrowth.
3.00	Low ridge, bears NE. and SW.; descend gradual NW. slope.
32.20	Draw, 70 ft. below ridge, drains SW.; ascend gradually.
39.70	Old road, bears N. to Green River, Utah, and S. to Hanksville, Utah.
39.99	On broken land, 70 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 2 / S 11 1934 deposit a sandstone, 6x5x5 ins., at base of post, marked X.
41.90	Top of low ridge, 20 ft. above the ¼ sec. cor., bears N. and S.; descend gradually.
55.20	Draw, 50 ft. below ridge, drains S.; ascend gradually.

Chains	
79.98	The cor. of secs. 2, 3, 10, and 11, 30 ft. above draw,
	Land, rolling and broken; with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep and shallow loose sand; 3rd rate.
	Undergrowth, black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°03'W., on random line, bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
80.33	Intersect the N. bdy of the township, 3 lks. E. of the cor. of secs. 2, 3, 34, and 35, heretofore described.
	Thence
	S.0°04'E., on true line, bet. secs. 2 and 3.
	Descend gradually over rolling land, through short undergrowth.
40.33	On rolling land, 40 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S3 | S2 1934 deposit a sandstone, 5x4x3 ins., at base of post, marked X.
	No other suitable accessories available.
74.60	Small wash, drains SE., about 5.00 chs. dist., thence NE.
80.33	The cor. of secs. 2, 3, 10, and 11, 30 ft. below the ¼ sec. cor.
	Land, rolling, with a general southeasterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 26, 27, 34, and 35, heretofore described.
	West, on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. of secs. 27, 28, 33, and 34.

Chains	
	From the temp. cor. of secs. 27, 28, 33, and 34.
	S.0°02'E., on random line, bet. secs. 33 and 34.
40.00	Set temp. ¼ sec. cor.
79.16	Intersect the S. bdy. of the township, 1 lk. W. of the cor. of secs. 33, and 34, heretofore described.
	Thence
	From the cor. of secs. 33 and 34.
	N.0°02'W., on true line, bet. secs. 33 and 34.
	Over rolling land, through scattered short undergrowth.
39.16	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S33 | S34 1934 deposit a sandstone, 7x7x3 ins., at base of post, marked X.
	No other suitable accessories available.
77.00	Small wash, drains SW.
79.16	On rolling land, 120 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, with brass cap marked T27S | R11E S28 | S27 S33 | S34 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Land, rolling, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair grazing land.
	From the cor. of secs. 26, 27, 34, and 35.
	West, on a sectional correction line, bet secs. 27 and 34.
	Over rolling land, through scattered short undergrowth.
7.00	Old road, bears NE. to Green River, Utah, and SW. to Hanksville, Utah.
39.99	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in

Chains	
	the ground, for ¼ sec. corner, with brass cap marked.
	¼ S 27 / S 34 / 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
54.70	Sandstone rim, faces NW., and bears NE. and SW.
58.80	Draw, 40 ft. below the ¼ sec. corner, drains SW.; ascend gradually.
63.70	Spur, 40 ft. above draw, projects SW.; descend gradually.
76.60	Small draw, drains SW.
79.99	The cor. of secs. 27, 28, 33, and 34, 150 ft. below spur.
	Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, shallow and deep loose sand; 3rd rate.
	Undergrowth, scattered short black brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°02'W., bet. secs. 27 and 28.
	Ascend SE. slope of broken land, through scattered short undergrowth.
13.60	Top of sandstone rim, 155 ft. above corner, faces SE., and bears NE. and SW.; thence over rolling land.
37.20	Small wash, drains W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked
	¼ S28 | S27 / 1934
	deposit a sandstone, 10x6x2 ins., at base of post, marked X.
45.90	Small wash, drains W.
57.50	Small wash, drains W.
62.60	Small wash, drains W.
80.00	On broken land, 40 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock, and in a large mound of stone to top, for corner of secs. 21, 22, 27, and 28, with brass cap marked,
	T27S | R11E / S21 | S22 / S28 | S27 / 1934

Chains	
	deposit a sandstone, 10x8x2 ins., at base of post, marked X.
	Land, broken, with a general northwesterly exposure and drainage. Sandstone formation.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, black and rabbit brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	East, on random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the cor. of secs. 22, 23, 26, and 27.
	Thence
	West, on true line, bet. secs. 22 and 27;
	Ascend abruptly over broken SE. rim of mesa, through scattered short undergrowth.
9.00	Top of SE. rim of mesa, 175 ft. above corner, bears NE. and SW.; thence over broken top of mesa land.
30.10	Low spur, projects SW.; descend gradually.
40.00	On sandstone surface rock, 50 ft. below spur, mark a cross (X), over which
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S 22 S 27 1934
	Continue gradual deseent over broken mesa land.
53.10	Old road, bears NW. and S.
61.40	Recross road, bears NE. and SW.
77.80	Recross road, bears NW. and SE.
80.00	The cor. of secs. 21, 22, 27, and 28, 70 ft. below the ¼ sec. cor.
	Land, broken, with a general northwesterly exposure and drainage. Sandstone formation.
	Soil, shallow sand, clay and rock; 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, yellow top, weeds and grass.
	No timber.
	Fair winter grazing land.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	N.0°02'W., bet. secs. 21 and 22.
	Descend gradually over broken NW. slope of mesa land, through scattered short undergrowth.
1.00	Old road, bears E. and W.
8.00	Draw, 20 ft. below corner, drains W.; ascend gradually.
18.70	Spur, 40 ft. above draw, projects W.; descend gradually.
27.80	Top of S. rim of gulch, bears E. and W.
28.20	Bottom of gulch, 50 ft. deep, drains W.
28.90	Top of N. rim of gulch, bears E. and W.
33.00	Spur, 70 ft. above gulch, projects NW.; descend gradual NE. slope.
38.90	Gulch, 70 ft. below spur, drains NW.; ascend broken SW. slope.
40.00	On broken SW. slope, 30 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S21 | S22 1934 deposit a sandstone, 10x8x2 ins., at base of post, marked X.
44.40	Small wash, drains NE.
51.80	Recross wash, drains NW.
54.60	Spur, 30 ft. above the ¼ sec. corner, projects NW. descend gradually.
58.10	Top of S. rim of canyon, bears NE. and SW.
69.00	Bottom of canyon, 110 ft. below spur, drains SW.; ascend abrupt broken S. slope.
78.00	Top of spur at top of N. breaks of canyon, 110 ft. above bottom, slopes SE.; descend gradually.
80.00	On broken land, 25 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked T27S | R11E S16 | S15 S21 | S22 1934 deposit a sandstone, 8x3x2 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, broken, with a general northwesterly exposure and drainage. Sandstone formation.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	Soil, shallow sand, clay, shale and rock; 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	East, on random line, bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 14, 15, 22, 23.
	Thence
	S.89°59'W., on true line, bet. secs. 15 and 22.
	Ascend steep E. slope of broken land, through scattered short undergrowth.
4.10	Top of E. rim of mesa, 110 ft. above corner, thence over broken top of mesa.
40.01	On broken top of mesa.
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 15 / S 22 1934 deposit a sandstone, 7x6x5 ins., at base of post, marked X.
52.30	Top of E. rim of cove at head of gulch, bears NE. and SW.
55.90	Bottom of cove at head of gulch, 80 ft. deep, drains N.
61.20	Narrow sandstone spur, 60 ft. above head of gulch, projects NE.; descend abruptly.
67.60	Bottom of canyon, 40 ft. below spur, drains SW.; ascend NW. breaks of canyon.
69.00	Top of NW. breaks of canyon, 95 ft. above bottom, bears NE. and SW.; thence over broken land.
80.02	The cor. of secs. 15, 16, 21, and 22.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone formation.
	Soil, shallow sand, clay, shale and rock; 4th rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	September 27, 1939: Stationed at the corner of secs. 15, 16, 21, and 22, in approximate latitude 38°28'N., longitude 110°44'W., with instrument No. 16725, at 8h 31.8m a.m., local mean time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag about 20 chains North, in a counter clockwise direction to the star.
	Watch time of observation (correct 105th Meridian Standard time..... 8h 54.7m a.m. Mean horizontal deflection angle flag to star..... 1° 14' Azimuth of Polaris..... 1° 14'W. True bearing to flag..... North
	I deflect an angle of 0°02' to the W. of the true meridian, and run
	N.0°02'W., bet. secs. 15 and 16.
	Ascend gradual SE. slope of broken land, through scattered short undergrowth.
5.00	Top of ascent, 50 ft. above corner, bears NW. and SE.; thence over rolling land.
39.40	Small wash, drains S.60°W.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S16 | S15 1939 deposit a limestone, 10x9x9, at base of post, marked X.
80.00	On rolling land, 140 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap marked T27S | R11E S9 | S10 S16 | S15 1939 deposit the glass of a pint bottle at the base of the post.
	Land, rolling and broken, with a general southwesterly exposure and drainage. Sandstone and gypsum formation.
	Soil, shallow sand, clay and shale; 4th rate.
	Undergrowth, black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.

Chains	
	N.89°59'E., on random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 10, 11, 14, and 15.
	Thence
	West, on true line, bet. secs. 10 and 15.
	Ascend gradually over rolling SE. slope, through scattered short undergrowth.
6.50	Wash, 40 lks. wide, 3 ft. deep, drains SW.
12.60	Top of rocky rim, 70 ft. above corner, bears N. and S.; descend abrupt W. slope of rim.
24.70	Rocky draw, 60 ft. below rim, drains SE.; ascend gradual SE. slope.
30.00	Top of ascent, 80 ft. above draw, bears N. and S.; thence over broken land.
40.02	On broken land, 30 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 10 / S 15 ·1939 deposit the glass of a pint bottle at the base of the post.
	Thence ascend gradual E. slope.
59.30	Spur, 130 ft. above the ¼ sec. corner, projects S.; descend broken NW. slope.
62.80	Wash, in draw, 60 ft. below spur, drains SW.; ascend gradually.
66.90	Spur, 50 ft. above draw, projects SW.; descend generally over broken W. slope.
70.40	Wash, in draw, 90 ft. below spur, drains S.; ascend broken SE. slope.
80.04	The cor. of secs. 9, 10, 15, and 16, 110 ft. above draw.
	Land, broken, with a general southeasterly and southwesterly exposure and drainage.
	Soil, shallow sand and clay; 4th rate.
	Undergrowth, blackbrush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°02'W., bet. secs. 9 and 10.
	Ascend abrupt broken SE. slope, through scattered short undergrowth.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
12.90	Top of sandstone rim, 180 ft. above corner, bears W. 3.00 chs. dist., thence S. and E. 5.00 chs. dist., thence N.; descend gradually over general broken NW. slope.
32.50	Wash, in draw, 90 ft. below rim, drains SW.; ascend abrupt, broken SE. slope.
40.00	On top of spur, 120 ft. above draw, projects W. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S9 | S10 1939 deposit a sandstone, 9x9x5 ins., at base of post, marked X. Thence descend abrupt broken NW. slope.
45.70	Draw, 160 ft. below the ¼ sec. corner, drains W.; ascend broken SE. slope.
48.90	Spur, 40 ft. above draw, projects S.60°W.; descend broken NW. slope.
52.90	Draw, 60 ft. below spur, drains W.; ascend gradually.
55.90	Spur, 60 ft. above draw, projects W.; descend broken NW. slope.
69.50	Draw, 90 ft. below spur, drains S.60°W.; ascend broken S. slope.
78.30	Spur, 50 ft. above draw, projects S.70°W.; descend broken NW. slope.
80.00	On broken NW. slope, 20 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a large mound of stone, for cor. of secs. 3, 4, 9, and 10, with brass cap marked T27S R11E S4 | S3 S9 | S10 1939 deposit a sandstone, 9x9x8 ins., at base of post, marked X. Land, broken, with a general westerly exposure and drainage. Soil, shallow blue clay, sand and shale; 4th rate. Undergrowth, black brush, mountain rush, shadscale, weeds and grass. No timber. Fair winter grazing land.
	East, on random line, bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.

SUBDIVISIONS OF T. 27 S., R. 11 E.

Chains	
80.10	Intersect the N. and S. line, 25 lks. S. of the cor. of secs. 2, 3, 10, and 11.
	Thence
	S.89°50'W., on true line, bet. secs. 3 and 10.
	Over rolling bench land, through scattered short undergrowth.
19.20	Sandstone rim, 50 ft. high, bears N. and S.; thence over sandstone outcroppings.
29.00	Sandstone gulch, 30 ft. below rim, drains S.; ascend abrupt E. slope.
30.50	Shale spur, 50 ft. above gulch, projects S.; descend gradual W. slope.
38.90	Draw, 40 ft. below spur, drains S.20°E.; ascend gradually.
40.05	On broken SE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 3 / S 10 / 1939 deposit a sandstone, 18x10x10 ins., at base of post, marked X.
46.00	Base of abrupt ascent over steep SE. face of breaks, bears NE. and SW.
55.00	Top of breaks, 210 ft. above the ¼ sec. corner, bears N.20°E. and S.20°W.; descend gradual W. slope.
70.00	Small draw, drains SW.
75.00	Low spur, projects SW.
80.10	The cor. of secs. 3, 4, 9, and 10, 60 ft. below top of breaks.
	Land, broken, with a general southeasterly and westerly exposure and drainage. Sandstone and shale formation.
	Soil, shallow sand, clay and rocky; 4th rate.
	Undergrowth, blackbrush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°05'W., on random line, bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
81.22	Intersect the N. bdy. of the township, 5 lks. W. of the cor. of secs. 3, 4, 33, and 34, heretofore described.
	Thence
	S.0°03'E., on true line, bet. secs. 3 and 4.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	Over rolling and broken shale and blue clay hills, through scattered short undergrowth.
9.50	Shallow draw, drains S.70°W.
22.40	Shallow draw, drains SW.
34.40	Top of sharp shale spur, 110 ft. above corner, projects SW.; descend abrupt SE. slope.
41.22	On broken SW. slope, 70 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S4 | S3 1939 deposit a sandstone, 10x10x6 ins., at base of post, marked X.
45.10	Shallow draw, drains SW.
56.10	Shallow draw, drains W.
81.22	The cor. of secs. 3, 4, 9, and 10.
	Land, broken and rolling, with a general southwesterly exposure and drainage.
	Soil, shallow blue clay and shale; 4th rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.

	From the cor. of secs. 27, 28, 33, and 34, heretofore described.
	West, on random line, bet. secs. 28 and 33.
40.33	Set temp. witness cor. to the ¼ sec. cor. of secs. 28 and 33.
80.00	Set temp. cor. of secs. 28, 29, 32, and 33.
	From the temp. cor. of secs. 28, 29, 32, and 33.
	S.0°03'E., on random line, bet. secs. 32 and 33.
40.00	Set temp. ¼ sec. cor.
78.95	Intersect the S. bdy. of the township, 4 lks. W. of the cor. of secs. 32 and 33, heretofore described.
	Thence
	From the cor. of secs. 32 and 33.
	N.0°03'W., on true line, bet. secs. 32 and 33.
	Over bottom lands of the Muddy River, through scattered short undergrowth.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
0.30	Left bank of the Muddy River, bears NE. and SW.; thence across channel of the river, which at this point is a stream of muddy water, 12 lks. wide, 6 ins. deep, flows SW.
11.50	Right bank of the Muddy River, bears NE. and SW.; ascend NW. breaks of river.
19.30	Top of NW. breaks of river, bears NE. and SW.; thence ascend gradually.
23.70	Small draw, drains NE.
30.30	Spur, 160 ft. above river, projects E.; descend gradually.
34.50	Small draw, 40 ft. below spur, drains SE.; ascend gradually.
38.95	On broken land, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S32 | S33 1934 deposit a sandstone, 5x4x4 ins., at base of post, marked X.
78.95	On broken land, 30 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked T27S | R11E S29 | S28 S32 | S33 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, broken, with a general southerly and southeasterly exposure and drainage. Sandstone and shale formation.
	Soil, sand, clay, shale and rock; 4th rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.

From the cor. of secs. 27, 28, 33, and 34.

West, on a sectional correction line, bet. secs. 28 and 33.

Ascend gradually over broken land, through scattered short undergrowth.

28.70	Spur, 140 ft. above corner, projects S. 60° W.; descend abruptly.

Chains	
33.80	Gulch, 120 ft. below spur, drains SW. and heads N. 3.00 chs. dist.; ascend abruptly.
38.90	Sandstone spur, 70 ft. above gulch, projects S.; descend abruptly.
39.98	True point for the ¼ sec. cor. falls on sloping surface rock, where it is impracticable to set a corner.
40.33	On broken land, 90 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone to top, for witness cor. to the ¼ sec. cor. of secs. 28 and 33, with brass cap marked ¼ S 28 / S 33 1934 WC deposit a sandstone, 6x5x4 ins,, at base of post, marked X.
44.90	Left bank of the Muddy River, 130 ft. below the witness cor. to the ¼ sec. corner, bears NE. and SW.; thence across channel of river, which at this point contains a stream of muddy water, 12 lks. wide, 6 ins. deep, flowing SW.
61.00	Right bank of the Muddy River, bears N. and S.; ascend abrupt W. rim of river.
65.10	Top of W. rim of river, 300 ft. above bottom, bears N. and S.; ascend gradually.
68.70	Ridge, 30 ft. above rim of river, bears N. and S.; descend gradually.
79.96	The cor. of secs. 28, 29, 32, and 33, 20 ft. below ridge.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep sand, clay, and shale; 4th rate.
	Undergrowth, short rabbit and black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°03'W., bet. secs. 28 and 29.
	Over broken land, through scattered short undergrowth.
0.60	Low spur, slopes E.; descend abruptly to the Muddy River.
3.80	Top of S. rim of the Muddy River, bears E. and W.
10.90	Bottom of the Muddy River, stream of muddy water, 12 lks. wide, 6 ins. deep, 160 ft. below spur, flows E. through a wide, irregular channel. Thence along the bottom lands of river.
26.70	Top of the E. rim of river, bears East, 1.00 chs. dist.
27.30	Recross river, flows SW.

Chains	
40.00	True point for the ¼ sec. cor. falls on ground subject to overflow, where it is impracticable to set a permanent corner.
44.70	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor. of secs. 28 and 29, with brass cap marked ¼ S29 | S28 WC 1934 deposit a sandstone, 6x3x2 ins., at base of post, marked X. No other suitable accessories available.
47.90	Recross river, flows SE.; continue across bottom lands of river.
60.70	Trail, bears NE. and SW.
67.30	Leave bottom lands of river and ascend gradually along top of spur bearing N.
73.50	Leave top of spur, projects S. and bears NE.; continue gradual ascent.
77.50	Small wash, drains SW.
80.00	On broken land, 60 ft. above river. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap marked T27S R11E S20 | S21 S29 | S28 1934 deposit a sandstone, 6x3x2 ins., at base of post, marked X. Land, broken with a general southerly exposure and drainage. Sandstone formation. Soil, deep sand; 3rd rate. Undergrowth, black and rabbit brush, mountain rush, weeds and grass. No timber. Fair winter grazing land.
	East, on random line, bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.97	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 21, 22, 27, 28.
	Thence
	S. 89°59' W., on true line, bet. secs. 21 and 28.
	Over broken land, through scattered short undergrowth.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
16.00	Small wash, drains NW.
24.00	Begin gradual descent over NW. slope.
33.20	Trail, bears NW. and SE.
39.98	On broken land, 40 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 21 / S 28 / 1934 deposit a sandstone, 8x6x2 ins., at base of post, marked X.
61.80	Same trail, bears NE. and SW.
65.80	Small wash, drains S.
67.40	Small spur, projects S.
72.90	Small wash, drains S.
75.00	Spur, slopes SW.
78.60	Small wash, drains SW.
79.97	The cor. of secs. 20, 21, 28, and 29, 60 ft. below the ¼ sec. cor.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow clay, sand, and rock; 3rd rate.
	Undergrowth, short black brush, weeds and grass.
	No timber.
	Fair winter grazing land.

N.0°03'W., bet. secs. 20 and 21.

Over SW. slope of broken land, through scattered short undergrowth.

13.40	Wash, 30 lks. wide, 2 ft. deep, drains W.
20.30	Low spur, slopes W.; descend steep N. slope.
28.20	Large draw, 60 ft. below spur, drains SW.; ascend gradual S. slope.
34.10	Small wash, drains SW.
40.00	On broken S. slope, 40 ft. above large draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S20 | S21 1934 deposit a

Chains	
	sandstone, 6x4x4 ins., at base of post, marked X.
	No other suitable accessories available.
48.70	Spur, 100 ft. above the ¼ sec. corner, projects SW.; descend abrupt N. slope.
55.30	Draw, 80 ft. below spur, drains SW.; ascend abrupt S. slope.
71.50	Spur, 155 ft. above draw, projects SW.; descend abrupt N. slope.
80.00	On abrupt N. slope, 70 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T27S | R11E
S17 | S16
S20 | S21
1934

	deposit a sandstone, 8x8x4 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow clay, shale, and sand; 4th rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.89°59'E., on random line, bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 15, 16, 21, and 22.
	Thence
	N.89°58'W., on true line, bet secs. 16 and 21.
	Over broken land, through scattered short undergrowth.
0.70	Top of narrow spur, 20 ft. above corner, projects S.; descend abruptly.
2.20	Draw, near head, 55 ft. below spur, drains S.; ascend abruptly.
6.80	Spur, 75 ft. above draw, projects S.; descend abruptly.
12.30	Gulch, 120 ft. below spur, drains S.; ascend abruptly.
17.10	Top of W. rim of gulch, 120 ft. above bottom, bears N. and S.; thence over rolling land.
32.50	Small wash, drains S.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
39.99	On rolling land, 40 ft. below rim of gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 16 / S 21 1934 deposit a sandstone, 10x6x3 ins., at base of post, marked X.
	No other suitable accessories available.
42.90	Small wash, drains SW.; ascend gradually.
60.00	Ridge, 100 ft. above wash, bears NE. and SW.; descend gradually.
67.20	Small wash, drains W. from N.80°E.; thence along bottom of wash.
69.20	Leave wash, drains N.80°W. from E.
79.98	The cor. of secs. 16, 17, 20, and 21, 70 ft. below ridge.
	Land, broken, with a general southerly exposure and drainage. Sandstone and shale formation.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°03'W., bet. secs. 16 and 17.
	Descend abrupt NW. slope of broken land, through scattered short undergrowth.
5.00	Draw, 60 ft. below corner, drains SW.; ascend abrupt SW. slope.
16.00	Top of sandstone rim, 200 ft. above draw, bears NE. and SW.; descend gradual NW. slope.
23.00	Small draw, 50 ft. below top of rim, drains W.; ascend broken S. slope.
39.60	Spur, 60 ft. above draw, projects SW.; descend NW. slope.
40.00	On broken NW. slope, 10 ft. below top of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S17 | S16 1939 deposit a sandstone, 10x10x6 ins., at base of post, marked X.
42.30	Top of SE. rim of draw, bears NE. and SW.

Chains	
46.00	Bottom of draw, 110 ft. below the ¼ sec. corner, drains SW.; ascend abrupt S. slope.
54.00	Top of NW. rim of draw, 80 ft. above bottom, bears NE. and SW.; thence over broken land.
74.50	Top of S. rim of draw, bears E. and W.; descend abrupt N. slope.
80.00	On broken N. slope, 90 ft. below rim.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for corner of secs. 8, 9, 16, and 17, with brass cap marked T27S R11E S8 | S9 S17 | S16 1939 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shaleeformation.
	Soil, shallow sand, clay, and shale; 4th rate.
	Undergrowth, black brush, shadscale, mountain rush, weeds and frass.
	No timber
	Fair winter grazing land.
	S.89°58'E., on random line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 9, 10, 15, and 16.
	Thence
	N.89°51'W., on true line, bet. secs. 9 and 16.
	Ascend abrupt SE. slope of broken land, through scattered short undergrowth.
3.30	Top of W. rim of draw, 180 ft. above corner, bears N. and SW.; descend gradual NW. slope.
24.50	Wash, in draw, 40 ft. below rim, drains SW.; thence over broken land.
40.01	On broken land.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S 9 S 16 1939 deposit a sandstone, 10x10x9 ins., at base of post, marked X.
53.60	Top of SE. rim of draw, bears NE. and SW.; descend abrupt

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	NW. slope.
80.02	The cor. of secs. 8, 9, 16, and 17, 120 ft. below rim.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow blue clay and shale; 4th rate.
	Undergrowth, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	N.0°03'W., bet. secs. 8 and 9.
	Descend abruptly over broken NW. and N. slopes of mesa land, through scattered short undergrowth.
7.10	Draw, 30 ft. below corner, drains SW.; ascend abrupt SE. slope.
22.50	Flat top of spur, 70 ft. above draw, projects W.; ascend gradually over broken W. slope.
37.10	Top of ascent, 20 ft. above spur, bears NE. and slopes SW.; descend abrupt NW. slope.
40.00	On abrupt NW. slope, 60 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S8 | S9 1939 deposit a sandstone, 12x10x10 ins., at base of post, marked X.
49.30	Draw, 60 ft. below the ¼ sec. corner; drains SW.; ascend broken S. slope.
63.10	Spur, 100 ft. above draw, projects SW.; descend broken NW. slope.
80.00	On broken NW. slope, 110 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for cor. of secs. 4, 5, 8, and 9, with, brass cap marked T27S R11E S5 | S4 S8 | S9 1939 deposit a sandstone, 10x10x6 ins., at base of post, marked X.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Undergrowth, shadscale, mountain rush, weeds and grass.
	No timber
	Fair winter grazing land.

Chains	
	S.89°51'E., on random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 21 lks. S. of the cor. of secs. 3, 4, 9, and 10.
	Thence
	West, on true line, bet. secs. 4 and 9.
	Over rolling blue clay hills, through scattered short undergrowth.
23.00	Wash, 30 lks. wide, 3 ft. deep, drains SW.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 4 / S 9 1939 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
44.30	Spur, 50 ft. above sec. corner, projects SW.; descend broken NW. slope.
76.50	Draw, 140 ft. below spur, drains SW.
76.90	Recross draw, drains N.30°W.; ascend gradual NE. slope.
78.80	Spur, 40 ft. above draw, projects N.30°W; descend W. slope.
80.00	The cor. of secs. 4, 5, 8, and 9, 20 ft. below spur,
	Land, broken, with a general southwesterly exposure and drainage. Shale and sandstone formation.
	Soil, shallow blue clay and shale; 4th rate.
	Undergrowth, shadscale, weeds and grass.
	No timber.
	Poor grazing land.

	N.0°04'W., on random line, bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
81.55	Intersect the N. bdy. of the township, 3 lks. W. of the cor. of secs 4, 5, 32, and 33, heretofore described.
	Thence
	S.0°03'E., on true line, bet. secs. 4 and 5.
	Over broken shale hills, through scattered short undergrowth.
1.80	Sharp bend in draw, 40 ft. below corner, drains S.80°W. from N.80°W.
16.00	Draw, drains NW. from the NE,

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
19.80	Bend in same draw, drains W. from N.30°W.; ascend abrupt N. slope.
31.90	Spur, 100 ft. above bend in draw, projects S.70°W. descend broken SW. slope.
41.55	On broken SW. slope, 130 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S5 | S4 1939 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
54.50	Draw, 50 ft. below the ¼ sec. corner, drains SW. 2.50 chs. dist. to junction with the last draw draining SW.; ascend gradually along general NW. slope.
74.00	Spur, 110 ft. above draw, slopes SW.; descend abrupt S. slope.
77.60	Draw, 80 ft. below spur, drains NW., 3.50 chs. dist., thence S.; ascend broken N. slope.
79.60	Small spur, 50 ft. above draw, projects NW., 3.00 chs. dist. to end; descend gradually.
81.55	The cor. of secs. 4, 5, 8, and 9, 30 ft. below spur.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Undergrowth, short shadscale, black brush, weeds and grass.
	No timber.
	Fair winter grazing land.

From the cor. of secs. 28, 29, 32, and 33, heretofore described.

West, on random line, bet. secs. 29 and 32.

40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. of secs. 29, 30, 31, and 32.

From the temp. cor. of secs. 29, 30, 31, and 32.

S.0°03'E., on random line, bet. secs. 31 and 32.

40.00	Set temp. ¼ sec. cor.
78.03	Intersect the witness cor. to the cor. of secs. 31 and 32, heretofore described.
78.83	Intersect the true point for the cor. of secs. 31 and 32, on the S. bdy of the township.

Thence

From the true point for the cor. of secs. 31 and 32.

Chains	
	N.0°03'W., on true line, bet. secs. 31 and 32.
	Over broken sandstone ledges, through scattered short undergrowth.
0.80	The witness cor. to the cor. of secs. 31 and 32, heretofore described.
18.40	Gulch, 30 ft. below corner, drains SE., and heads NW., about 5.00 chs. dist.
20.20	Top of N. rim of gulch, 30 ft. above bottom, bears NW. and SE.; ascend gradually over rolling land.
38.83	On surface rock, 60 ft. above gulch, mark a cross (X) over which
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S31 | S32 1934
48.20	Small wash, drains SW.
56.60	Spur, 50 ft. above the ¼ sec. corner, projects SW.; descend gradually.
59.80	Draw, 70 ft. below spur, drains W.; ascend gradually.
78.83	On broken land, 40 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, with brass cap marked T27S | R11E S30 | S29 S31 | S32 1934
	deposit a sandstone, 5x3x2 ins., at base of post, marked X.
	No other suitable accessories available.
	Land, broken, with a general southeasterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 28, 29, 32, and 33.
	West, on a sectional correction line, bet. secs. 29 and 32.
	Descend gradually over broken land, through scattered short undergrowth.
4.70	Small draw, drains N.30°E.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
13.80	Recross draw, drains SE.
40.00	In bottom of same draw, drains NE., 170 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 29 / S 32 1934 deposit a sandstone, 8x6x5 ins., at base of post, marked X.
46.00	Low ridge, 60 ft. above the ¼ sec. corner, bears N. and S. descend gradually.
59.50	Draw, 50 ft. below ridge, drains SW.; ascend gradually.
80.00	The cor. of secs. 29, 30, 31, and 32, 110 ft. above draw. Land, broken, with a general northeasterly and southeasterly exposure and drainage. Sandstone and shale formation. Soil, shallow, sand, clay and rock; 3rd rate. Undergrowth, short black brush, mountain rush, yellow top, weeds and grass. No timber. Fair winter grazing land.

	West, on a sectional correction line, bet. secs. 30 and 31. Descend gradually over broken land, through scattered short undergrowth.
24.00	Draw, 30 ft. below corner, drains S.; ascend gradually.
38.70	Ridge, 130 ft. above draw, bears N.30°E. and S.30°W.; descend gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to solid rock, and in a large mound of stone, to top, for ¼ sec. corner, with brass cap marked ¼ S 30 / S 31 1934 deposit a sandstone, 6x6x6 ins., at base of post, marked X.
49.40	Draw, 110 ft. below ridge, drains SW.; ascend gradually.
60.70	Spur, 80 ft. above draw, projects S.30°W.; descend gradually.
83.70	Intersect the W. bdy. of the township. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing corner of secs. 30 and 31, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	T27S | R11E S30 R10E ——— C S31 S36 | R11E 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. From this cor. the cor. set for secs. 25, 30, 31, 36, heretofore described, bears North, 1.72 chs. dist. As this cor. will function for the cor. of secs. 25 and 36 only, I efface the marks on the cor. that pertain to secs. 30 and 31. Land, broken, with a general southeasterly exposure and drainage. Sandstone and shale formation. Soil, shallow sand, clay and rock; 4th rate. Undergrowth, short black brush, mountain rush, weeds and grass. No timber. Fair winter grazing land.
	From the cor. of secs 29, 30, 31, and 32. N.0°03'W., bet. secs. 29 and 30. Ascend gradual SE. slope of rolling land, through scattered short undergrowth.
14.10	Low ridge, 20 ft. above corner, bears NE. and SW.; descend broken NW. slope.
36.30	Rim of short draw, bears N.30°E. and S.30°W.
40.00	True point for the ¼ sec. cor. falls on steep ledgy slope, where it is impracticable to set a cor.
40.30	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor of secs. 29 and 30, with brass cap marked ¼ S30 | S29 WC 1934 deposit a sandstone, 8x4x2 ins., at base of post, marked X. No other suitable accessories available.
40.80	Bottom of short draw, 150 ft. below ridge, drains NE.
43.20	Top of N. rim of draw, 40 ft. above bottom, bears NE. and SW.
60.00	Small spur, projects W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. to secs. 19, 20, 29, and 30, with brass cap marked T27S | R11E S19 | S20 S30 | S29 1934

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling and broken, with a general easterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow loose sand and clay; 3rd rate.
	Undergrowth, short black brush, shadscale, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	East, on random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the cor. of secs. 20, 21, 28, and 29.
	Thence
	West, on true line, bet. secs. 20 and 29.
	Descend gradually over broken land, through scattered short undergrowth.
17.30	Enter irregular channel of the Muddy River, 70 ft. below corner, bears N. and S.; thence across channel of river, which contains a small stream of muddy water, 12 lks. wide, 6 ins. deep, flowing southerly.
40.03	True point for the ¼ sec. cor. falls in river bed, where it is impossible to set a permanent corner.
42.36	Set at iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor. of secs. 20 and 29, with brass cap marked ¼ S 20 / S 29 / 1934 WC deposit a sandstone, 5x4x4 ins., at base of post, marked X.
	No other suitable accessories available.
50.00	Right bank of the channel of the Muddy River, bears NE. and SW.; ascend gradually.
53.90	Top of W. rim of river, bears N. and S.; continue gradual ascent.
64.20	Ridge, 280 ft. above river, bears N. and S.; descend gradually.
80.06	The cor. of secs. 19, 20, 29, and 30, 30 ft. below ridge,
	Land, broken, with a general southwesterly and southeasterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep, loose sand; 3rd rate.
	Undergrowth, short black brush, mountain rush, shadscale, weeds and grass.
	No timber.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	Fair winter grazing land.
	West, on true line, bet. secs. 19 and 30.
	Ascend gradually over rolling and broken land, through scattered short undergrowth.
23.30	Low ridge, 50 ft. above corner, bears N. and S.; descend gradually.
34.90	Wide draw, 50 ft. below ridge, drains NE.; ascend gradually.
40.00	On broken land, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 19 / S 30 1934 deposit a sandstone, 6x5x4 ins., at base of post, marked X.
45.40	Low spur, 20 ft. above the ¼ sec. corner, projects N.; descend gradually.
66.90	Wide draw, drains NW.; continue descent.
81.50	Rim of canyon, bears NE. and SW.; descend over breaks of canyon.
83.61	Intersect the W. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing corner of secs. 19 and 30, with brass cap marked T27S R10E | T27S S19 / S30 R11E; C C S25 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
	From this corner the witness corner to the corner of secs. 19, 24, 25, and 30, heretofore described, which is South 1.25 chs. dist., from the true point for said corner, bears North 43 lks. dist.
	As this corner now pertains to the witness corner to the corner of secs. 24 and 25 only, I efface the marks on corner that pertain to secs. 19 and 30.
	Closing corner is set on broken NW. slope, 200 ft. below ridge.
	Land, broken, with a general northeasterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow sand and clay; 3rd rate.
	Undergrowth, short black brush, mountain rush, weeds and grass.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	No timber.
	Fair winter grazing land.
	From the corner of secs. 19, 20, 29, and 30.
	N.0°03'W., bet. secs. 19 and 20.
	Over broken land, through scattered short undergrowth.
31.50	Low ridge, bears E. and W.
34.00	Rim of short draw, bears NE. and SW.
36.30	Bottom of draw, 200 ft. below sec. cor., drains E.; ascend abruptly.
38.80	Top of N. rim of draw, bears E. and W.; continue ascent.
40.00	On broken land, 130 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S19 | S20 1934 deposit a sandstone, 5x4x4 ins., at base of post, marked X.
56.70	Top of W. rim of the Muddy River, bears NW. and SE.; descend abruptly.
69.10	Enter irregular channel of the Muddy River, 130 ft. below the ¼ sec. cor., bears NW. and SE.; thence across channel of river.
80.00	In irregular channel of the Muddy River.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap marked T27S | R11E S18 | S17 S19 | S20 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, broken, with a general easterly exposure and drainage. Sandstone and shale formation.
	Soil, shallow and deep sand, clay, shale and rock; 3rd rate.
	Undergrowth, short black brush, shadscale, rabbit brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	East, on random line, bet. secs. 17 and 20.

Chains	
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the cor. of secs. 16, 17, 20, and 21.
	Thence
	West, on true line, bet. secs. 17 and 20.
	Descend gradually over broken land, through scattered short undergrowth.
4.30	Shallow draw, drains SW.
11.00	Recross draw, drains NW.
20.00	Recross draw, 120 ft. below corner, drains S.30°W.; ascend gradually.
32.00	Spur, 80 ft. above draw, projects SW.; descend abruptly.
34.00	Draw, 50 ft. below spur, drains SW.; ascend gradually.
36.00	Low spur, projects S.
40.05	On broken land, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S 17 / S 20 / 1934 deposit a sandstone, 6x5x4 ins., at base of post, marked X.
43.40	Low ridge, 80 ft. above the ¼ sec. corner, bears N. and S.; descend abruptly.
47.00	Left bank of the Muddy River, 160 ft. below ridge, bears N. and S. Thence across the irregular channel of the Muddy River, which at this point is dry.
80.10	The cor. of secs. 17, 18, 19, and 20.
	Land, rolling and broken, with a general southerly exposure and drainage. Sandstone and shale formation.
	Soil, deep loose sand, clay and rock; 3rd rate.
	Undergrowth, black brush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	West, on true line, bet. secs. 18 and 19.
	Over irregular channel of the Muddy River, through scattered short undergrowth.
12.00	Right bank of the Muddy River, bears NW. and SE.; ascend abruptly over broken shale breaks and sandstone ledges, which form the SW. breaks of the river.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
30.90	Top of SW. breaks of the Muddy River, 270 ft. above cor., bears NW. and SE.; ascend gradual NE. slope of wide spur.
33.40	Top of wide spur, 10 ft. above breaks of river, projects S.; descend gradual W. slope.
40.00	On gradual W. slope, 40 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 18 / S 19 1934 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
43.30	Top of W. rim of spur, bears N. and S.; descend broken NW. slope.
53.70	Top of E. rim of draw, bears N. and S.
56.80	Bottom of draw, 70 ft. below the ¼ sec. corner, drains S.; ascend gradually.
83.50	Intersect the W. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing corner of secs. 18 and 19, with brass cap marked T27S | T27S S18 R10E | C C S19 S24 | R11E 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
	From this cor. the cor. set for secs. 13, 18, 19, and 24, heretofore described, bears North 1.90 chs. dist.
	As this corner now functions for the cor. of secs. 13 and 24 only, I efface the marks on the corner that pertain to ~~the closing corner of~~ secs. 18 and 19.
	Closing corner set on SE. slope, 90 ft. above draw.
	Land, broken, with a general southwesterly exposure and drainage. Sandstone and shale formation.
	Soil, deep and shallow clay and sand, with a rocky surface; 3rd and 4th rates.
	Undergrowth, blackbrush, mountain rush, shadscale, weeds and grass.
	No timber.
	Fair winter grazing land.
	From the cor. of secs. 17, 18, 19, and 20.
	N.0°03'W., bet. secs. 17 and 18.
	Over irregular channel of the Muddy River, through scattered short undergrowth.

U. S. GOVERNMENT PRINTING OFFICE 0—8155

Chains	
21.60	The Muddy River, stream of muddy water, 2.00 chs. wide, 8 ins. deep, flows S.80°E.; continue across irregular channel of the river.
23.80	Top of N. bank of river channel, 5 ft. high, bears N.60°W. and S.60°E.; thence over broken clay hills.
30.00	Shallow draw, drains SW., 5.00 chs. dist., to its junction with the Muddy River.
39.50	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor. of secs. 17 and 18, with brass cap marked W C ¼ S18 | S17 1939 deposit a sandstone, 10x10x6 ins., at base of post, marked X.
40.00	True point for the ¼ sec. corner, falls in bottom of draw, drains SW., where it is impracticable to set a corner. Thence ascend gradually along broken E. slope of sandstone breaks to the west.
60.80	Top of blue shale spur, 100 ft. high, projects E., 50 lks. dist. to end; descend abruptly.
64.60	Head of draw in cove of breaks, 100 ft. below spur, drains SE.; ascend abrupt S. slope of sandstone breaks.
65.50	Top of sandstone breaks, 100 ft. above head of draw, bears N.70°E. and S.70°W. 3.00 chs. dist. to head of cove; thence over broken top of bench land.
80.00	On sandstone surface rock, mark a cross (X), over which Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 7, 8, 17, and 18, with brass cap marked T27S | R11E S7 | S8 S18 | S17 1939 Land, broken sandstone breaks and shale hills, with a general southeasterly exposure and drainage. Soil, deep and shallow blue clay and sand; 4th rate. Undergrowth, shadscale, black brush, mountain rush, weeds and grass. No timber. Fair winter grazing land.

	East, on random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 8, 9, 16, and 17. Thence

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	S.89°56'W., on true line, bet. secs. 8 and 17.
	Descend gradually along steep N. slope of broken sandstone and shale breaks, through scattered undergrowth.
11.00	Bend, in draw, 90 ft. below corner, drains NW, from the NE.; ascend abruptly.
19.00	Top of S. rim of draw, 110 ft. above bottom, bears NW. and SE.; thence over broken top of bench land.
24.00	Top of same rim, bears NE. and SW.; descend abrupt NW. slope.
26.00	Draw, 120 ft. below rim, drains S.60°W.; thence across rolling bottom lands of draw.
40.03	On rolling bottom lands of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 8 / S 17 / 1939 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
41.00	Base of abrupt ascent over broken N. breaks of draw, bears NE. and SW.
42.50	Top of N. breaks of draw, 140 ft. above bottom, bears NE. and SW.; thence over broken top of bench land.
50.00	Top of SE. breaks of draw, bears N.30°W. and S.30°E.; descend abruptly, over broken NW. slope.
55.00	Draw, 130 ft. below top of breaks, drains S.30°W.; ascend abrupt broken NW. breaks of draw.
65.00	Top of NW. breaks of draw, 120 ft. above bottom, bears N.30°W. and S.30°E.; thence ascend gradually over broken top of bench land.
80.06	The cor. of secs. 7, 8, 17, and 18, 30 ft. above top of breaks.
	Land, broken, with a general southwesterly exposure and drainage.
	Soil, shallow blue clay, shale and rock; 4th rate.
	Undergrowth, shadscale, black brush, mountain rush, weeds and grass.
	No timber.
	Fair grazing land.
	West, on true line, bet. secs. 7 and 18.
	Over broken top of bench land, through scattered short undergrowth.
23.70	Top of elongated butte, 130 ft. high, bears NE. and SW.; descend abruptly over broken NW. slope.
33.50	Base of descent from butte, 110 ft. below top,

Chains	
	bears NE. and SW.; thence over broken bench land.
40.00	On broken bench land. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 7 / S 18 1939 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
58.90	Top of breaks of cove of the Muddy River, bears NW. and SE.; descend abruptly.
60.00	Bottom of cove, and mouth of rocky gulch, from the NE., 130 ft. below top of breaks; ascend abrupt NW. breaks. of river and cove.
68.40	Top of NW. breaks of the Muddy River and cove, 150 ft. above bottom, bears NE. and SW., 2.00 chs. dist., thence W.; thence over broken land near top of breaks.
74.30	Top of NE. breaks of the Muddy River, bears N.80°W. and S.80°E. As the line to the W. of this point follows along the nearly vertical S. face of breaks, I offset as follows: North, 1.96 chs., thence West on offset line.
83.38	On offset line. Intersect the W. bdy of the township, at the cor. set for secs. 7, 12, 13, and 18, heretofore described. As the true point for the closing cor. of secs. 7 and 18, which is South 1.96 chs. dist. from this corner, falls on the inaccessible S. breaks of the Muddy River, where it is impossible to reach the corner point, and the corner set for secs. 7, 12, 13, and 18, is on the S. edge of the top rim of breaks, where it is impossible to set a witness corner to the S. of it, I mark the corner CC and WC on the E. half of the brass cap, making it the corner of secs. 12 and 13, T. 27 S., R. 10 E., and also the witness corner to the closing corner of secs. 7 and 18, T. 27 S., R. 11 E. Land, broken, with a general southwesterly exposure and drainage. Sandstone and blue shale formation. Undergrowth, shadscale, black brush, mountain rush, weeds and grass. No timber. Fair winter grazing land.

	From the cor. of secs. 7, 8, 17, and 18. N.0°03'W., bet. secs. 7 and 8. Over broken top of bench land, through scattered short undergrowth.
40.00	On sandstone surface rock, mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., in a large

Chains	
	mound of stone to top, for ¼ sec. corner, with brass cap marked ¼ S7 | S8 1939
63.90	Low saddle in top of elongated sandstone knoll, 60 ft. high, bears E. and W.
77.00	Shallow sandstone draw, drains SW.
80.00	On broken bench land.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap marked T27S | R11E S6 | S5 S7 | S8 1939 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling and broken, with a general southerly exposure and drainage.
	Soil, shallow loose sand and rock; 4th rate.
	Undergrowth, shadscale, black brush, mountain rush, weeds and grass.
	No timber
	Fair grazing land.
	N.89°56'E., on random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the N. and S. Line, at the cor. of secs. 4, 5, 8, and 9.
	Thence
	S.89°56'W., on true line, bet secs. 5 and 8.
	Descend abrupt W. slope of broken land, through scattered short undergrowth.
2.30	Draw, 20 ft. below corner, drains S. 3.00 chs. dist., thence over broken blue clay and shale hills.
21.20	Bottom of large main draw, drains SW.; ascend gradually over broken SE. slope.
40.04	On broken SE. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 5 S 8 1939 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
48.60	Top of W. rim of draw, 120 ft. above the ¼ sec. cor.,

Chains	
	bears S. and N. 3.00 chs. dist., thence NE. thence over broken bench land.
75.00	Head of shallow draw, drains SW.
80.08	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling and broken, with a general southwesterly and southerly exposure and drainage.
	Soil, shallow sand, clay and rock; 4th rate.
	Undergrowth, shadscale, black brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	West, on true line, bet secs. 6 and 7.
	Over broken bench land, through scattered short undergrowth.
40.00	On broken bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. corner, with brass cap marked ¼ S 6 / S 7 1939 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
68.60	Sandstone gulch, 60 ft. deep, drains SW.
83.31	Intersect the W. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, and in a large mound of stone to top, for closing cor. of secs. 6 and 7, with brass cap marked T27S | T27S R10E | S6 C / S7 C S12 | R11E 1939 deposit a sandstone, 14x13x8 ins., at base of post, marked X.
	From this cor. the cor. set for secs. 1, 6, 7, and 12, heretofore described, bears North 1.94 chs. dist.
	As this cor. now functions for the cor. of secs. 1 and 12 only, I efface the marks on the cor. that pertain to ~~the closing cor. of~~ secs. 6 and 7.
	Land, broken, and rolling, with a general southwesterly exposure and drainage.
	Soil, shallow loose sand, clay and rock; 4th rate.
	Undergrowth, black brush, shadscale, mountain rush, weeds and grass.
	No timber.

SUBDIVISION OF T. 27 S., R. 11 E.

Chains	
	Fair winter grazing land.
	From the cor. of secs. 5, 6, 7, and 8.
	N.0°03'W., on random line, bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
81.49	Intersect the N. bdy. of the township, 16 lks. W. of the cor. of secs. 5, 6, 31, and 32, heretofore described.
	Thence
	S.0°04'W., on true line, bet. secs. 5 and 6.
	Ascend steep rocky N. slope of broken land, through scattered undergrowth.
1.00	Sandstone rim, 50 ft. above corner, bears E. and S.80°W.; thence over rolling bench land.
41.49	On sandstone surface rock, mark a cross (X), over which
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. corner, with brass cap marked ¼ S6 | S5 1939
81.49	The cor. of secs. 5, 6, 7, and 8, 20 ft. below the ¼ sec. cor.
	Land, rolling and broken, with a general southerly exposure and drainage. Sandstone and shale formation.
	Soil, shallow loose sand, clay and rock; 4th rate.
	Undergrowth, shadscale, black brush, mountain rush, weeds and grass.
	No timber.
	Fair winter grazing land.
	ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS, ON WEST BOUNDARY, FOR T. 27 S., R. 11 E.
	From the cor. of Ts. 27 and 28 S., Rs. 10 and 11 E., heretofore described.
	North, along the E. bdy. of sec. 36, T. 27 S., R. 10 E.
38.28	Point which is South, 40.00 chs. dist. from the closing cor. of secs. 30 and 31, T. 27 S., R. 11 E.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. cor. of sec. 31, with brass cap marked ¼ S 31 1934 deposit a sandstone, 6x6x5 ins., at base of post, marked X.
40.00	The ¼ sec. cor. set for secs. 31 and 36, heretofore described.

U. S. GOVERNMENT PRINTING OFFICE 0—6155

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS, ON WEST BOUNDARY, FOR T. 27 S., R. 11 E.

Chains	
	As this corner now will only function for the ¼ sec. cor. of sec. 36, I efface the marks on the corner monument that pertain to sec. 31.
78.28	The closing cor. of secs. 30 and 31, T. 27 S., R. 11 E., heretofore described.
80.00	The cor. of secs. 25 and 36, T. 27 S., R. 10 E., heretofore described.
	North, along the E. bdy. of sec. 25, T. 27 S., R. 10 E.
38.30	Point midway bet. the closing cors. of secs. 19 and 30, and secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 30, with brass cap marked ¼ S 30 1934 deposit a sandstone, 10x6x4 ins., at base of post, marked X.
	No other suitable accessories available.
40.00	The ¼ sec. cor. set for secs. 25 and 30, heretofore described.
	As this cor. now will only function for the ¼ sec. cor. of sec. 25, I efface the marks on the cor. monument that pertain to sec. 30.
78.32	The closing cor. of secs. 19 and 30, T. 27 S., R. 11 E., heretofore described.
78.75	The witness cor. to the cor. of secs. 24 and 25, T. 27 S., R. 10 E., heretofore described.
80.00	The true point for the cor. of secs. 24 and 25.
	From the true point for the cor. of secs. 24 and 25.
	North, along the E. bdy. of sec. 24, T. 27 S., R. 10 E.
38.21	Point midway bet. the closing cors. of secs. 18 and 19, and secs. 19 and 30.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 19, with brass cap marked ¼ S 19 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
40.00	The ¼ sec. cor. set for secs. 19 and 24, heretofore described.
	As this cor. now will only function for the ¼ sec. cor. of sec. 24, I efface the marks on the cor. monument that pertain to sec. 19.
78.10	The closing cor. of secs. 18 and 19, T. 27 S., R. 11 E., heretofore described.
80.00	The cor. of secs. 13 and 24, T. 27 S., R. 10 E., heretofore described.

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS, ON WEST BOUNDARY, FOR T. 27 S., R. 11 E.

Chains	
	North, along the E. bdy. of sec. 13, T. 27 S., R. 10 E.
38.07	Point midway bet. the closing cor. of secs. 18 and 19, and the true point for the closing cor. of secs. 7 and 18.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 18, with brass cap marked | ¼ S 13 1939 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
40.00	The ¼ sec. cor. set for secs. 13 and 18, heretofore described.
	As this cor. will now only function for the ¼ sec. cor. of sec. 13, I efface the marks on the cor. monument that pertain to sec. 18.
78.04	The true point for the closing cor. of secs. 7 and 18, T. 27 S., R. 11 E.
80.00	The cor. of secs. 12 and 13, T. 27 S., R. 10 E., and which is also the witness cor. to the closing cor. of secs. 7 and 18, T. 27 S., R. 11 E., heretofore described.
	North, along the E. bdy. of sec. 12, T. 27 S., R. 10 E.
38.05	Point which is midway bet. the closing cor. of secs. 6 and 7, and the true point for the closing cor. of secs. 7 and 18.
	Set an iron post, 3 ft. long, 1 in. diam., over a cross (X), marked on the surface rock, and in a large mound of stone, for ¼ sec. cor. of sec. 7, with brass cap marked | ¼ S 7 1939
40.00	The ¼ sec. cor. set for secs. 7 and 12, heretofore described.
	As this cor. now will function only for the ¼ sec. cor. of sec. 12, I efface the marks on the cor. monument that pertain to sec. 7.
78.06	The closing cor. of secs. 6 and 7, T. 27 S., R. 11 E., heretofore described.
80.00	The cor. of secs. 1 and 12, T. 27 S., R. 10 E., heretofore described.
	North, along the E. bdy. of sec. 1, T. 27 S., R. 10 E.
38.06	Point which is North 40.00 chs. dist. from the closing cor. of secs. 6 and 7, T. 27 S., R. 11 E.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone, for ¼ sec. cor. of sec. 6, with brass cap marked | ¼ S 6 1939 deposit a

Chains	
	sandstone, 12x12x10 ins., at base of post, marked X.
40.00	The ¼ sec. cor. set for secs. 1 and 6, heretofore described. As this cor. will now only funtion for sec. 1, I efface the marks on the cor. monument that pertain to sec. 6.
81.94	The cor. of Ts. 26 and 27 S., Rs. 10 and 11 E., heretofore described.

GENERAL DESCRIPTION

The land within the boundaries of T. 27 S., R. 11 E., consists of broken benches and low mesas, and has a general southerly exposure and drainage. It is of a sandstone, gypsum, shale and volcanic formation, and is cut by numerous draws draining to the Muddy River, which are rimmed with vertical shale and sandstone ledges.

The soil throughout the east portion of the township consists mostly of a deep loose sand, underlaid with sandstone, while that in the west portion consists of a shallow loose clay, sand and rock, with numerous shale and sandstone outcroppings. Along the channel and bottom lands of the Muddy River is found a deep alluvial sand. The soil may be classified as third and fourth rates.

The township is covered in all parts by a scattered short undergrowth of black brush, mountain rush, yellow top, weeds and grass, which affords fair grazing for stock during the winter months. The entire township is barren of timber, and contains no improvements or settlers.

The abandoned road from Hanksville, Utah, to Green River, Utah, bears in a northeasterly direction to Green River, through the southeast portion of the township.

The Muddy River enters the township on the west boundary of section 18, and flows in a southeasterly direction, leaving the township near the southeast corner of section 32. The channel of this river is from about 10.00 chains to one-half mile wide, but at the time of the survey it only contained a small intermittent stream of water about 12 links wide, and 6 inches deep. This was the only water found in the township. During the flood seasons of the year this channel is full of water, as nearly all the drainage for about sixty miles to the northwest drains into this river.

No portion of the township is suitable for farming, and it is suitable only for a grazing range for stock during the winter months of the year, and being used for this purpose. No indications of mineral coal, oil or oil shale were found in the township.

Most portions of the eastpart of the township can be reached by automobile over the roads that lead from Hanksville to Green River. These roads are unimproved, and are very sandy and difficult to travel due to the deep sand.

The nearest town to the township is Hanksville, Utah, which is located in the central portion of T. 28 S., R. 11 E.

The mean magnetic declination at the corner of Ts. 27 and 28 S., Rs. 10 and 11 E. was found to be 16°45' E.

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Olie V. Anderson, Jr.	Chainman
David Newman	Chainman
Robert Pringhurst	Chainman
Max Muir	Chainman
Edwin Loeffler	Chainman
Burt Moore	Chainman
Wallace S. Odd	Chainman
Daine Marshall	Flagman
Bernard R. Logan	Flagman
Billy Brooke	Axman
Robert L. Connelly	Axman
Quentin Rust	Axman
Jack Buttrey	Cornerman
Lewis Forest Adams	Cornerman
Bryce Hinckley	Cornerman

6—8412

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

Elliot Bird, Cadastral Engineer, and
~~I,~~ We, Alvyn C. Alberga, Public Land Surveyor, HEREBY CERTIFY upon honor that, in
supplemental
pursuance of special instructions bearing date of the 5th day of March 193[illegible]
received from the district cadastral engineer for Utah, supplemental with assignment
instructions dated September 12, 1939 We have surveyed a portion of the west
boundary and a portion of the subdivision, T. 27 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~~ us and under ~~my~~ our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah.

January 3, 1940

Elliot Bird
Cadastral Engineer

Alvyn C. Alberga
Public Land Surveyor.

~~CERTIFICATE OF APPROVAL~~

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado 19

The foregoing field notes of the survey of a portion of the west boundary and a portion of the subdivision, T. 27 S., R. 11 E.

executed by Elliot Bird, Cadastral Engineer, and Alvyn C. Alberga, Public Land Surveyor
supplemental
under special instructions dated March 5, 1934, and assignment
supplemental
instructions dated September 12, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

~~U.S.~~ *Supervisor of Surveys.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~

~~, is a true copy of the original field notes on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Kelvin Winwood	Principal Assistant
Allen Fuller	Principal Assistant
Wilson McConkie	Principal Assistant
Robert Bywater	Principal Assistant
Philander Maxwell	Principal Assistant
Chas. W. Brewer	Chainman
Edgar Hayes	Chainman
Edward Eliason	Chainman
Clem Johnson	Chainman
Guy Smith	Chainman
Allen Fuller	Chainman
Joe Briggs	Flagman
John D. Chamberlin	Flagman
Clarence Hall	Flagman
Woodrow Anderson	Cornerman
Orson Brotherson	Cornerman
Stanley Young	Axman
Rudolph Cook	Axman
Kirtley Tucker	Axman

6—8412

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, We, Chas. F. Moore, and Elliot Bird, Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 31st day of August, 1928, and supplemental special instructions dated March 5, 1934 received from the district cadastral engineer for Utah with assignment and supplemental assignment instructions dated January 12, 1934, instructions dated October 25, 1929, I/We have surveyed the north and west boundaries and dependent resurvey of the south boundary, of T. 27 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~~ us and under ~~my~~ our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah. March 13, 1935. Chas. F. Moore Surveyor

Salt Lake City, Utah. Jan. 31, 1938. Elliot Bird Surveyor

~~CERTIFICATE OF APPROVAL~~

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,
Denver, Colorado., 19

The foregoing field notes of the survey of the north and west boundaries and dependent resurvey of the south boundary, of T. 27 S., R. 11 E., Salt Lake Meridian, Utah

executed by Chas. F. Moore, and Elliot Bird, Surveyors special instructions dated March 5, 1934 under special instructions dated August 31, 1928, and supplemental / assignment instructions dated January 12, 1934 and assignment instructions dated October 25, 1929, and supplemental, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

~~U.S.~~ *Supervisor of Surveys.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys is~~ ~~, is a true copy of the original field notes on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

1—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Kelvin Winwood	Principal Assistant.
Allen Fuller	Principal Assitant.
Guy Smith	Chainman
Rudolph Cook	Cornerman

6—2764

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Philander Maxwell Transitman, hereby certify upon honor that, in pursuance of Supplemental special instructions received from the District Cadastral Engineer for Utah Group 256 bearing date of the 5th day of March, 1934, I have well, faithfully, and [illegible] 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 subdivisions of T. 27 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 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 Green River Utah March 31, 1934.

Philander Maxwell Transitman

APPROVAL

OFFICE OF ~~U. S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado., 19....

The foregoing field notes of the survey of the subdivision of T. 27 S., R. 11 E. Salt Lake Meridian, Utah

executed by Philander Maxwell, Transitman under his Supplemental special instructions dated March 5, 1934, 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 [illegible], has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys.~~

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY

6—8412

CERTIFICATE OF SURVEYOR

I, ..., HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the ..... day of ....., received from the district cadastral engineer for ....., with assignment instructions dated ....., I have surveyed .....

.....

.....

.....

of the ..... Meridian, in the State of ....., which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

.....

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, December 30, 1940.

The foregoing field notes of the ~~xxxxxxx~~ dependent resurvey of the South Boundary, survey of the North and West Boundaries and the Subdivisions of Township 27 South, Range 11 East, Salt Lake Meridian, Utah,

executed by Elliot Bird, Surveyor and Cadastral Engineer, Chas. F. Moore, Surveyor, Alvyn C. Alberga, Public Land Surveyor, and Philander Maxwell, Transitman, under special instructions dated August 31, 1928, and supplemental special instructions dated March 5, 1934, and assignment instructions dated October 25, 1929, and supplemental assignment instructions dated January 12, 1934, and September 12, 193[illegible], having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Frank A. Simson
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in ..... is a true copy of the original field notes on file in the public survey office.

.....
Supervisor of Surveys.

U. S. GOVERNMENT PRINTING OFFICE 4—6419