Volume

#

R0550

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

A 5550

Of the ..... *Meridian,*

In the State of .....

EXECUTED BY

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.....

.....

Under special instructions dated ....., *19*....., *which provided for the surveys included under Group No.* ....., *approved* ..... *and assignment instructions dated* ....., *19*.....

Survey commenced ....., *19*.....

Survey completed ....., *19*.....

INDEX DIAGRAM

Township 37 SOUTH, *Range* 7 EAST

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

GPO 866119

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Township 37 SOUTH, *Range* 7 EAST

6	5	4 37	3 39	2 38 38	1
7	8	9 36	10	11	12
18	17 40	41 16 36 40	15	14	13
19	20	21 35	22	23	24
30	29	28 34	27	26	25 33
31 42	43 32 41	33 34	34	35 33	36

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INDEX DIAGRAM

Township 38 SOUTH, *Range* 7 EAST

6	5	4 63	3 66	2 64 65	1 58
7	8	9 62 67	10	11	12 57
18	17 67	16 62 66	15	14	13 56
19	20	21 61	22	23	24 56
30	29 69	28 60	27	26	25 55 59
31 69	32 68	33 60	34	35 58	36 55

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Township 38 SOUTH, *Range* 8 EAST

6	5 91	4	3 94	2 95 94	1 85
7	8 91	9 97	10	11	12 84
18	17 90	16 96 96	15	14	13 83
19	20 89	21	22	23	24 82
30	29 88 99	28	27	26	25 81 87
31 98	32 88	33	34	35 86	36 81

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INDEX DIAGRAM

Township 38 SOUTH, *Range* 9 EAST

6	5 117	4	3 119	2 120 120	1 111
7	8 117	9 122	10	11	12 110
18	17 116	16 121 122	15	14	13 110
19	20 115	21	22	23	24 109
30	29 115 124	28	27	26	25 108 113
31 123	32 114	33	34	35 112	36 108

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Township 38 SOUTH, Range 10 EAST

136 6	5	131 4	130 3	2	1
136 7	8	9	10	11	12
135 18	17	16	15	14	13
134 19	20	21	22	23	24
133 30	29	28	27	26	25
133 31 137 132	138 32 132	137 33 131	34	35	36

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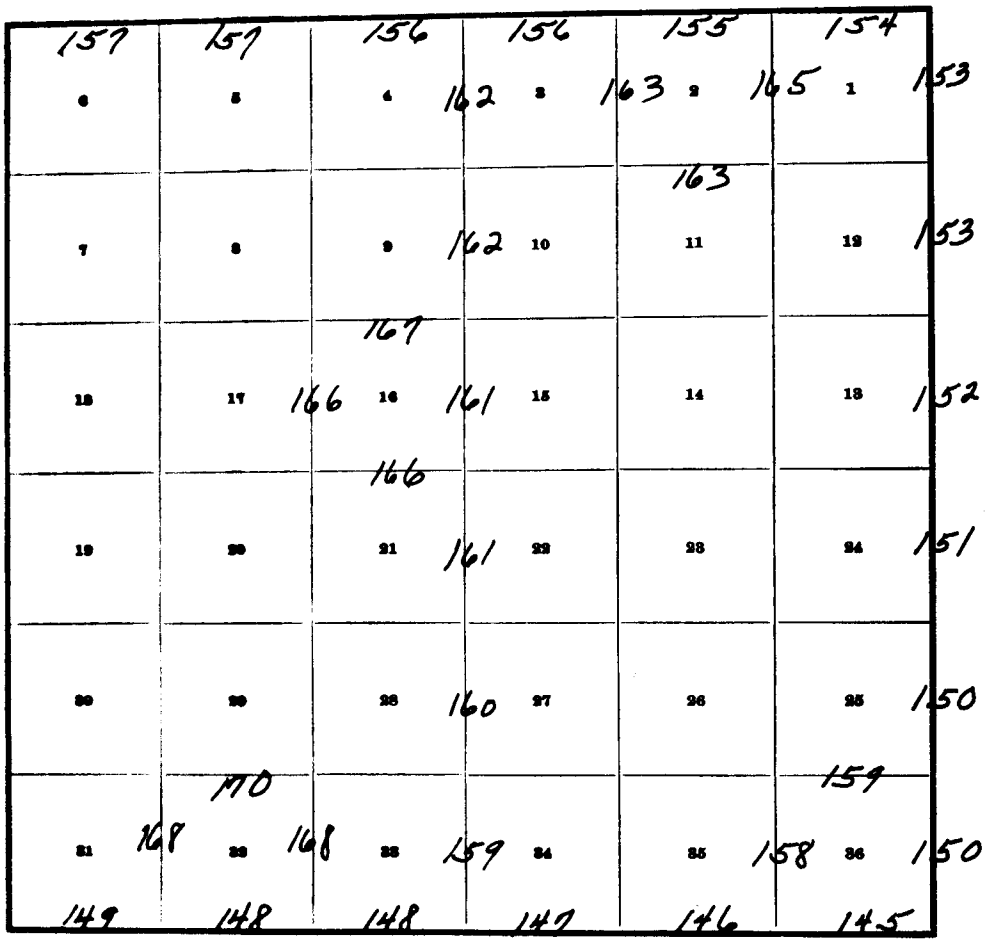
INDEX DIAGRAM

Township 38 SOUTH, Range 11 EAST



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Township 38 SOUTH, Range 12 EAST

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7	8	9 191	187 10	11	12
18	17 191	16 190	186 15	14	13
19	20	21	185 22	23	24
30	29 193	28	185 27	26	25 184
31 192	32 192	33	184 34	35	183 36

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Township 38 SOUTH, Range 13 EAST

210	209	208	207	207	206
6	5	4 214	3 215	2 216 215	1 205
7	8	9 214	10	11	12 204
18	17 217	218 16 216	213 15	14	13 204
19	20	21	212 22	23	24 203
30	29 217	28	212 27	26	25 211 202
31 219	32 218	33	211 34	35 210	36 202

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Township 38 SOUTH, Range 14 EAST

235	235	234	233	232	232
6	5	4 241	3 241	2 243 242	1
7	8	9 240	10	11	12
18	17 244	245 16 239 244	15	14	13
19	20	21 239	22	23	24
30	29	28 238	27	26	25 237
31 246	247 32 246	33 237	34	35 236	36

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Township 38½ SOUTH, *Range* 10 EAST

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

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262 260

258 261 260 259 256

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Township 38½ SOUTH, *Range* 11 EAST

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

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274 273 272 270

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Township 39 SOUTH, *Range* 7 EAST

292 6	291 5	290 4 296	290 3 298	289 2 297 298	288 1 288
7	8	9 295	10	11	12 287
18	17 299	300 16 295	15	14	13 286
19	20	299 21 294	22	23	24 286
30	29	28 294	27	26	25 285
31 301	302 32 300	33 293	34	35 292	293 36 284

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Township 39 SOUTH, *Range* 8 EAST

320 6	319 5	318 4 325	318 3 326	317 2 327 327	316 1 315
7	8	9 325	10	11	12 314
18	17 329	330 16 324	15	14	13 313
19	20	328 21 323	22	23	24 312
30	29	28 323	27	26	25 311
31 331	32 330 332	33 322	34	35 321	36 311 321

GPO 866719

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INDEX DIAGRAM

Township 39 SOUTH, *Range* 9 EAST

351	350	349	349	348	347
6	5	4 357	3 357	2 359 358	1 346
7	8	9 356 361	10	11	12 345
18	17 360	16 355 359	15	14	13 345
19	20	21 355	22	23	24 344
30	29 363	28 354	27	26	25 343 352
31 362	32 361	33 353	34	35 352	36 343

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INDEX DIAGRAM

Township 39 SOUTH, *Range* 9½ EAST

374 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
31 373	32	33	34	35	36

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Township 40 SOUTH, Range 7 EAST

393	392	391	391	390	389
6	5	4 398	3 398	2 399 400	1 389
7	8	9 397 402	10	11	12 388
18	17 401	16 397 400	15	14	13 387
19	20	21 396	22	23	24 386
30	29 404	28 395	27	26	25 386 394
31 402 380	32 403 381	33 395 382	34 383	35 393 384	36 385 384

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INDEX DIAGRAM

Township 40 SOUTH, *Range* 8 EAST

428	427	426	426	425	424
6	5	4 433	3 433	2 435 434	1 424
7	8	9 432	10	11	12 423
18	17 436	16 431 435 437	15	14	13 422
19	20	21 431	22	23	24 421
30	29 439	28 430	27	26	25 421 429
31 438 416	32 437 416	33 429 417	34 418	35 428 419	36 420 419

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INDEX DIAGRAM

Township 40 SOUTH, Range 9 EAST

466	465	464	464	463	462
6	5	4 472	3 473	2 473 473	1 461
7	8	9 471 476	10	11	12 460
18	17 475	16 470 474	15	14	13 459
19	20	21 469	22	23	24 459
30	29 478	28 469	27	26	25 458 467
31 477 451	32 476 451	33 468 452	34 453	35 466 453	36 457 454

T. 40S
R. 9½E

455

GPO 866119

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Survey of the East Boundary

of

Township 37 South, Range 7 East

Of the Salt Lake *Meridian,*

the State of Utah

EXECUTED BY

Woodrow H. Sylvester, Cadastral Surveyor

nder special instructions dated May 13, *19* 56, *which provided*

r the surveys included under Group No. 401, *approved* July 5, 1956

d assignment instructions dated September 14, *19* 56

Survey commenced October 23, *19* 56

Survey completed October 26, *19* 56

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 37 South, *Range* 7 East

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

16—56770-1

2221

Chains

The south boundary of this township was surveyed by Robert C. Yundt in 1923, the west boundary by Fred R. Chappell and Woodrow H. Sylvester in 1954, and the north boundary by Woodrow H. Sylvester in 1956 under this same group.

The following field notes are those of the survey of the east boundary of T. 37 S., R. 7 E. The topography covering the distances between triangulation points has been scaled from U. S. Geological Survey preliminary topographic sheets.

The survey was executed with a Gurley solar transit No. 41442, property of the Bureau of Land Management and constructed in accordance with their standard specifications. The instrument has a full vertical circle and improved solar attachment. The horizontal plate is provided with two double verniers placed opposite to each other and the vertical circles have one double vernier. The vertical vernier is graduated to single minutes, and the horizontal verniers to 30 seconds of arc. Since the solar attachment was not used, no description of it will be included here. The instrument was in good adjustment and prior to the beginning of the field work was examined and all errors eliminated. It was maintained in proper adjustment throughout the survey.

The measurements were made with steel ribbon tapes, 8 chains in length. These tapes were graduated every link for the first chain and thereafter at intervals of 10 links. The tapes were tested by comparison to a Lufkin standard steel tape 1 chain in length and found to be correct. The measurements were made on the slopes and the vertical angle of each interval determined by the use of clinometers and the slope distance properly reduced to horizontal equivalents which appear in these notes. In most cases the measurements were determined by chaining but in some instances they were obtained by triangulation or traverse. The details of the latter were verified and the true line distances only were recorded in these field notes.

The directions of the lines of the survey were determined by reference to true meridians established on line by direct observation on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

The geographic position of the southeast corner of the township is latitude 37° 32' 23.1" N., longitude 111° 04' 52.2" W., as determined by section line ties from U.S.G.S. triangulation station "Mesa", located in T. 34 S., R. 7 E. The magnetic declination is 15° 10' E.

East Boundary of T. 37 S., R. 7 E.

Beginning at the cor. of Ts. 37 and 38 S., Rs. 7 and 8 E., mkd. with a 3 in. iron post, set, mkd. and witnessed as described in the official record.

Thence

N. 0° 04' E., bet. secs. 31 and 36.

4.50 Desc. 50 ft. over sandy N. slope.

14.37 Begin triangulation; thence desc. 380 ft. over ledges and outcroppings on NE. slope.

Chains	
26.80	Along steep E. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36, fall on inaccessible slickrock.
40.70	Point selected for the witness ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 16 ins. long, 1 in. diam., 8 ins. in drilled hole, with brass cap mkd.
	T37S R7E R8E ¼ S 36 ↑ S 31 W C 1956
	Asc. 440 ft. over slickrock and sandstone outcroppings, on SE. slope.
75.02	End of one triangulation and beginning of another; thence desc. 90 ft. over NE. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, and in a mound of stone to top, with brass cap mkd.
	T37S R7E R8E S25 | S30 S36 | S31 1956
	Land, slickrock outcroppings and ledges. Soil, sand for first 11 chains. Vegetation, bunch grass, sagebrush, pinon, and juniper on sand.
	N. 0° 04' E., bet. secs. 25 and 30.
	Over slickrock.
1.25	Desc. 200 ft. over vertical ledge; thence desc. 60 ft. over NE. slope.
5.00	Escalante River, drains S. 45° E. from N. 20° W.; thence along river bottom.
14.00	Asc. 200 ft. over nearly vertical ledge, on SW. slope.
16.00	Spur, projects W.; thence desc. 200 ft. over N. slope.
23.00	Across East Moody Canyon, which drains S. 45° W., 5.00 chs. into Escalante River.
24.00	Asc. 200 ft. over vertical ledge on SE. slope; thence asc. 80 ft. over slickrock on SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 16 ins. long, 1 in. diam., 8 ins. in a drilled hole, with brass cap mkd.

East Boundary of T. 37 S., R. 7 E.

Chains	
	T37S R7E R8E ¼ S 25 | S 30 1956
	Over slickrock.
41.57	Triangulation point.
43.60	Desc. 200 ft. over vertical ledge, on NE. slope; thence along W. edge of East Moody Canyon.
53.60	Asc. 200 ft. over vertical ledge, on SE. slope; thence asc. 200 ft. over slickrock, on S. slope.
70.67	End of triangulation on spur, projecting S. 30° W.; thence desc. 90 ft. over slickrock on NW. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 16 ins. long, 1 in. diam., 8 ins. in drilled hole, with brass cap mkd.
	T37S R7E R8E S24 | S19 S25 | S30 1956
	Land, slickrock, canyons, and outcroppings. Soil, none. Vegetation, none.
	N. 0° 04' E., bet. secs. 19 and 24.
	Over slickrock and outcroppings along SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 16 ins. long, 1 in. diam., 8 ins. in drilled hole, with brass cap mkd.
	T37S R7E R8E ¼ S 24 | S 19 1956
	Over slickrock, on W. slope.
56.00	Beginning of triangulation, E. rim of Moody Canyon, bears N. 30° E. and S. 30° W.; thence desc. 220 ft. over nearly vertical ledge.
60.00	Over broken sandstone, on W. slope.
64.00	Asc. 280 ft. over ledges on SW. slope.
80.00	Point for the cor. of secs. 13, 18, 19 and 24, falls on inaccessible ledge; thence asc. 30 ft. over ledge.
	Land, ledges and slickrock. Soil, none. Vegetation, none.

Chains	
	N. 0° 04' E., bet. secs. 13 and 18.
3.10	Point selected for the witness cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 16 ins. long, 1 in. diam., 8 ins. in drilled hole, with brass cap mkd.

T37S
R7E R8E
S13 | S18
S24 | S19
W C
1956

	Desc. 200 ft. over vertical ledge; thence desc. 90 ft. over sandstone boulders on NW. slope.
17.00	Bottom of Moody Canyon, drains S. 5° W.; thence along wash.
28.00	Leave wash, drains from NE.; asc. 120 ft. over SE. slope.
33.07	End of triangulation; spur projects E.; thence desc. 110 ft. on NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18, falls in center of Moody Canyon, which drains S. 45° E.; thence asc. 20 ft.
41.30	Point selected for the ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T37S
R7E R8E
¼
S 13 | S 18
W C
1956

	Asc. 200 ft. over SW. slope.
48.00	Spur, projects W.; thence desc. 200 ft. over rough outcroppings, on NW. slope.
55.50	Dry wash in Moody Canyon, drains S. 20° W.; thence along W. bank.
66.00	Dry wash in Moody Canyon, drains S. 45° E.; thence over sand on E. bank of wash.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T37S
R7E R8E
S12 | S7
S13 | S18
1956

Land, ledges, canyons, and canyon bottoms.
Soil, sand in bottoms.
Vegetation, bunch grass and salt brush in canyon bottoms.

Chains	
	N. 0° 04' E., bet. secs. 7 and 12.
	Along E. bank of wash.
12.50	Wash in Moody Canyon, drains S. 15° W.; thence along W. edge of canyon.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T37S R7E R8E ¼ S 12 | S 7 1956
	Raise a mound of stone to West.
	In bottom and along W. edge of Moody Canyon.
57.20	Dry wash in Moody Canyon, drains S. 45° E.; thence asc. 230 ft. over rocky SW. slope.
66.00	Desc. 80 ft. on NW. slope.
70.00	Over outcroppings of W. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T37S R7E R8E S1 | S6 S12 | S7 1956
	Land, canyon bottom and large boulder slopes. Soil, boulders and sand. Vegetation, bunch grass and salt brush.
	N. 0° 04' E., bet. secs. 1 and 6.
	Over outcroppings, on W. slope.
10.00	Desc. 75 ft. over boulders on NW. slope.
12.00	Dry wash, drains W.; thence over little flat.
14.00	Dry wash, drains S. 45° W.; thence asc. 380 ft. over rough boulders on SE. slope.
32.10	Spur, projects S. 40° W.; thence desc. 300 ft. over large boulders, on NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, and in a mound of stone to top, with brass cap mkd.

Chains	
	T37S R7E R8E S 1 | S 6 1956
	Desc. 120 ft. over large boulders, on NW. slope.
64.25	Bottom of Moody Canyon; thence over sand along E. bank.
80.02	The cor. of Ts. 36 and 37 S., Rs. 7 and 8 E.
	Land, rough sandstone slopes and canyon bottom. Soil, sand in bottom and gravel and boulders on side hills. Vegetation, scattered bunch grass and salt brush.

GENERAL DESCRIPTION

The elevation of the township ranges from about 4200 feet to 5500 feet above sea level. The township in general is rough sandstone outcroppings with some rolling sand country, cut by deep canyons, and washes. The main canyon and river is the Escalante, which enters the northwest corner and leaves the southeast corner of the township. The Moody Canyon drains south into the Escalante River along the east boundary of the township. The twenty-five mile canyon enters near the southeast corner of section 30 and drains N. 60° E. into Escalante River. The soil found on the rolling hills is sandy, this type of land being mostly on the east side of the river, with the remainder of the township being slickrock.

Vegetation consists principally of scattered bunch grass, salt brush, sagebrush, juniper, and pinon.

Grazing is fair on the upper hill country, especially on the west side of the river and in the bottom of the larger canyons.

There is no cultivated land. The only development work is some surface prospecting for uranium in Moody Canyon.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
John R. Koger	Note-keeper
La Maun Sorensen	Note-keeper
Max Ricketts	Chainman
Bill Savage	Chainman
Wayne De Lange	Flagman
Howard Christensen	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I Woodrow H. Sylvester, HEREBY CERTIFY upon honor that in pursuance of special instructions bearing date of the 13th day of May, I have surveyed the east boundary of Township 37 South, Range 7 East

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.

Salt Lake City, Utah
April 8, 1957

Woodrow H. Sylvester
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 9 1957, 19

The foregoing field notes of the survey of the east boundary of T. 37 S., R. 7 E., Salt Lake Meridian, Utah

executed by Woodrow H. Sylvester

having been critically examined and found correct, are hereby approved.

Acting Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described survey is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 37 SOUTH, RANGE 7 EAST

Of the Salt Lake *Meridian,*

n the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)
Fred R. Chappell - Cadastral Surveyor
Boyd S. Owens - Cadastral Surveyor
Lacel E. Bland - Cartographic Survey Aid

Inder special instructions dated May 13, *19*56, *which provided*

or the surveys included under Group No. 401, *approved* July 5, 1956

nd assignment instructions dated May 7, *19*58

Survey commenced September 4, *19*58

Survey completed October 15, *19*58

U. S. GOVERNMENT PRINTING OFFICE 16-84710-1

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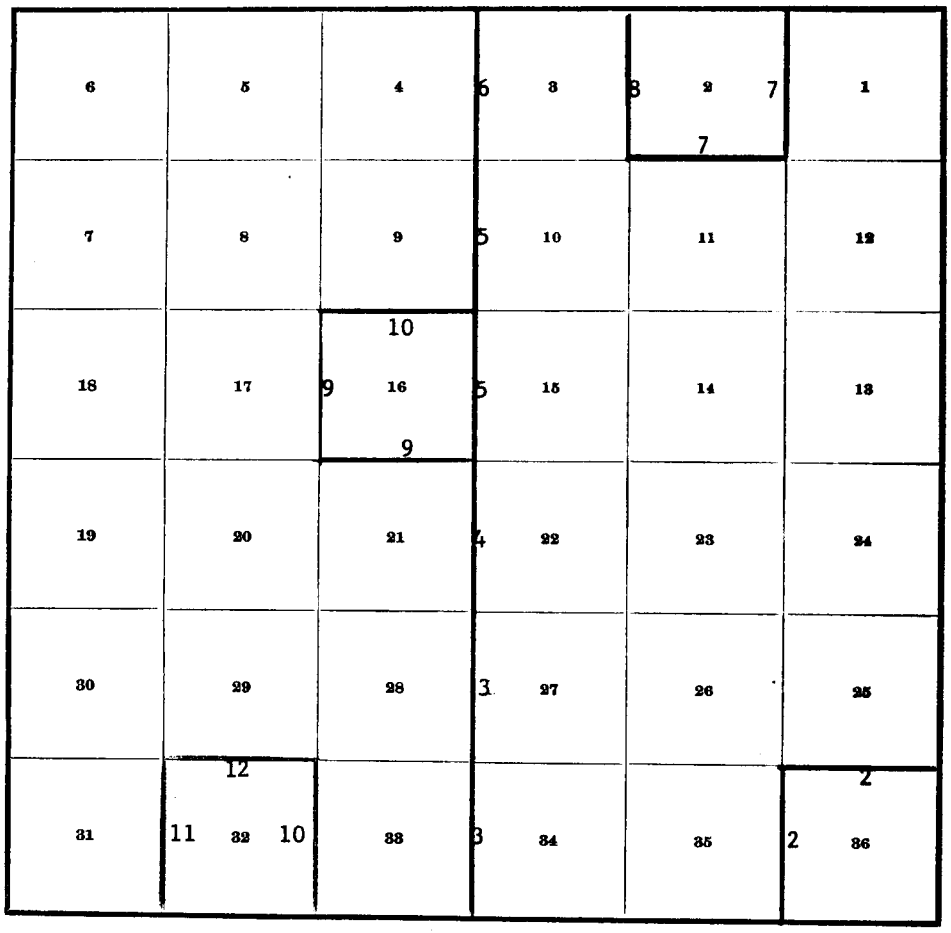
INDEX DIAGRAM

Township 37 South, *Range* 7 East



16—56770-1

Fred R. Chappell _____

Boyd S. Owens _____

Lacel E. Bland _____

2229

Township 37 South, Range 7 East

Chains

The north and east boundaries were surveyed under Group 401 in 1956 by Woodrow H. Sylvester. The notes thereof are included in the field notes of T. 37 S., R. 7 E. The west boundary was surveyed under Group 390 in 1954 by Fred R. Chappell and Woodrow H. Sylvester. The notes thereof are included in the field notes of T. 37 S., R. 6 E. The south boundary was surveyed under Group 131 in 1923 by R. C. Yundt.

The following field notes are those of the survey of a portion of the subdivision of T. 37 S., R. 7 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541327, 541326 and 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated tobs at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverses or triangulation methods. Distances to topography on lines run by traverse or triangulation are approx. as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 32' 24.6" N. and longitude 111° 04' 53.0" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

The original ¼-sec. cor. of secs. 1 and 36, the ¼-sec. cor. of secs. 2 and 35, the ¼-sec. cor. of secs. 3 and 34, the ¼-sec. cor. of secs. 4 and 33, and the cor. of secs. 2, 3, 34, and 35 on the south boundary have been altered to refer to T. 37 S. only. The remaining corners along this boundary established in 1923 are marked for Ts. 37 and 38 S. but function only for T. 37 S.

Chains	
	Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, an iron post, 2 ins. diam., set, mkd, and witnessed as described in the official record, which I remark to refer to T. 37 S. only.
	N. 0° 03' E., bet. secs. 35 and 36.
	Over rolling sandstone and sand dunes, through scattered juniper.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36 falls on steep W. slope of sandstone, where cor. cannot be perpetuated.
40.50	Point selected for the witness ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T37S R7E ¼ S35 | S36 W C 1958
	Continue over rolling land draining SW.
63.90	Base of sandstone dome; asc. 140 ft. over SW. slope.
68.70	Top of ascent; sandstone dome sloping SE.; desc. 110 ft. over NE. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins.diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R7E S26 | S25 S35 | S36 1958
	Land, rolling and steep slopes. Soil, sandstone and sandy silt. Timber, scattered juniper; undergrowth, white sage, mountain rush and bunch grass.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, a 2 in. iron post, firmly set, mkd, and witnessed as described in the official record.
	N. 89° 57' W., bet. secs. 25 and 36.
	Over steep NE. slope and broken ledges of the W. rim of the Escalante River.
	Asc. 430 ft.
19.80	Top of ascent; sandstone hill sloping S.; desc. 160 ft. over W. slope.
27.50	Base of descent at base of sandstone hill; asc. 190 ft. over E. slope through scattered juniper.
40.03	Point for the ¼ sec. cor. of secs. 25 and 36.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T37S R7E ¼ S25 / S36 1958
	Asc. 50 ft. over E. slope.
51.60	Top of ascent; desc. 30 ft. over rolling W. slope.
64.10	Base of descent; asc. 60 ft. over E. slope.
80.06	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling, steep slopes and ledges. Soil, sandstone and sandy silt. Timber, scattered juniper; undergrowth, white sage, mountain rush. and
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township, mkd. by an iron post, 2 ins. diam., conforming to the record, which I remark to refer to T. 37 S. only.
	N. 0° 02' E., bet. secs. 33 and 34.
	Over rolling desert land, through scattered timber and scant undergrowth; asc. 60 ft. over S. slope.
25.50	Sandstone spur, projects NE.; desc. 70 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam.,24 ins. in the ground, with brass cap mkd. T37S R7E ¼ S33|S34 1958
	Deposit charcoal at base of iron post.
	Land, rolling desert. Soil, sandy, with exposed sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant sagebrush, mountain rush, grass and widely scattered patches of scrub oak.
	N. 0° 02' E., bet. secs. 27 and 28.
	Over rolling desert land, through scattered timber and scant undergrowth; desc. 90 ft. over N. slope.
32.60	Head of draw, drains NW.; asc. 10 ft. over SW. slope.
34.70	Sandstone spur, projects W.; desc. 35 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 37 S., R. 7 E.

Chains	
	T37S R7E ¼ S28 | S27 1958
	Desc. 70 ft. over N. slope.
53.60	Draw, drains SW.; asc. 70 ft. over S. slope.
70.50	Spur, projects NW.; desc. 75 ft. over NE. slope.
74.00	Point selected for the witness cor. of secs. 21, 22, 27 and 28.
	At the base of a sandstone pinnacle,
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R7E S21 | S22 S28 | S27 W C 1958
	Asc. 140 ft. over series of sandstone pinnacles, knobs and crevices.
80.00	True point for the cor. of secs. 21, 22, 27 and 28 falls on the steep slope of a sandstone knob, where the cor. cannot be perpetuated.
	Land, rolling and broken desert. Soil, sandy, with exposed sandstone, Timber, widely scattered dwarf juniper. Undergrowth, scant sagebrush, blackbrush, mountain rush and grass.
	N. 0° 02' E., bet. secs. 21 and 22.
	Over broken desert land, through scattered timber and scant undergrowth; desc. 220 ft. over broken NW. slope.
28.00	Spur, projects N. 10° E.; desc. 90 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T37S R7E ¼ S21 | S22 1958
	Desc. 130 ft. over N. slope of sandstone slickrock.
49.00	Twenty-five Mile Wash, drains irregularly NE.; asc. 800 ft. over ledgy SE. slope.
62.10	Sandstone spur, projects N. 80° E.; desc. 840 ft. over ledgy N. slope.
76.00	Escalante River, 6 ins. deep, 1 ch. wide, flows SE.; asc. 100 ft. over ledgy S. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 15 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, with brass cap mkd.

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Chains	
	T37S R7E S16 | S15 S21 | S22 1958 Land, broken desert. Soil, sandy, with broken and eroded sandstone. Timber, scattered dwarf juniper. Undergrowth, scant blackbrush, wild apple and grass.
	N. 0° 02' E., bet. secs. 15 and 16. Over broken desert land, through scattered timber and scant undergrowth; asc. 340 ft. over S. sandstone slope.
18.90	Spur, projects SE.; desc. 90 ft. over E. changing to N. slope.
35.60	Draw, drains NE.; asc. 10 ft. over S. slope.
36.90	Short spur, projects E.; desc. 20 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, with brass cap mkd. T37S R7E ¼ S16 | S15 1958
	Asc. 225 ft. along SE. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T37S R7E S 9 | S10 S16 | S15
	Cor. is set on a flat topped spur projecting S. 20° W. Land, broken and rolling desert. Soil, sandy, with broken and eroded sandstone. Timber, scattered juniper. Undergrowth, scattered sagebrush, greasewood, bitter brush and grass.
	N. 0° 02' E., bet. secs. 9 and 10. Over rolling desert land, through scattered timber and medium undergrowth; desc. 65 ft. over NW. slope.
24.00	Draw, drains SW.; asc. 125 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T37S R7E ¼ S 9|S10 1958
	Asc. 15 ft. over SE. slope.
41.70	Spur, projects SW.; desc. 65 ft. over NW. slope.
51.70	Draw, drains SW.; asc. 35 ft. over SE. slope.
64.60	Spur, projects SW.; desc. 230 ft. over NW. slope.
78.00	Draw, drains SW.; asc. 20 ft. over SE. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R7E S 4|S 3 S 9|S10 1958
	Land, broken and rolling desert. Soil, sandy clay, with broken and eroded sandstone. Timber, scattered juniper and pinon. Undergrowth, medium sagebrush, apple brush, silverleaf, bitter brush and grass.
	N. 0° 08' E., bet. secs. 3 and 4.
	Over broken desert land, through scattered to medium timber and undergrowth; asc. 185 ft. over SE. slope.
18.00	Spur, projects S. 20° W.; desc. 25 ft. along W. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R7E ¼ S 4|S 3 1958
	Desc. 45 ft. along W. slope.
42.10	Draw, drains S. 10° W.; asc. 200 ft. over SE. slope.
68.30	Ridge, bears NE. and SW.; desc. 30 ft. over NW. slope.
80.14	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township, mkd. by an iron post, 2½ ins. diam., conforming to the record.
	Land, broken to rolling desert. Soil, sandy clay with broken and eroded sandstone. Timber, scattered to medium juniper and pinon. Undergrowth, scattered sagebrush, blackbrush, bitter brush and grass.

Partition of the Subdivision, T. 37 S., R. 7 E.

Chains	
	From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township, mkd. by an iron post, 1 in. diam., conforming to the record.
	S. 0° 03' W., bet. secs. 1 and 2.
	Over broken desert land, through scattered timber and scant undergrowth; asc. 40 ft. over NW. sandstone slope.
10.70	Sandstone spur, projects SW.; desc. 240 ft. over S. sandstone slope.
28.60	Draw, drains E.; asc. 90 ft. over series of sandstone knobs and ribs.
40.05	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 15 ins. long, 1 in. diam., drilled 7 ins. in solid sandstone, with brass cap mkd.
	T37S R7E ¼ S 2 | S 1 1958
	Asc. 40 ft. over N. slope.
45.00	Spur, projects E.; desc. 100 ft. over S. slope.
60.50	Draw, drains W.; asc. 40 ft. over NW. slope.
65.80	Spur, projects SW.; desc. 165 ft. over S. sandstone slope.
80.05	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 14 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T37S R7E S 2 | S 1 S11 | S12 1958
	Cor. is located on S. slope of sandstone draw.
	Land, broken desert. Soil, broken and eroded sandstone and sandy clay. Timber, widely scattered juniper and pinon. Undergrowth, scant sagebrush, blackbrush, cacti and grass.
	West, bet. secs. 2 and 11.
	Over broken desert land, through scattered timber and scant undergrowth; asc. 125 ft. over SE. slope.
22.90	Spur, projects SW.; desc. 170 ft. over NW. slope.
35.80	Draw, drains SW.; asc. 50 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 14 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T37S R7E ¼ S 2 / S11 1958

Portion of the Subdivision, T. 37 S., R. 7 E.

Chains	
	Asc. 30 ft. over SE. slope.
43.00	Sandstone spur, projects SW.; desc. 65 ft. over NW. slope.
50.20	Draw, drains SW.; asc. 40 ft. over SE. slope.
57.00	Spur, projects SW.; desc. 140 ft. over NW. slope of sandstone slickrock.
67.50	Draw, drains SW.; asc. 70 ft. over SE. sandstone slope.
77.40	Sandstone spur, projects S. 50° W.; desc. 40 ft. over NW. sandstone slope.
80.00	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 14 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, with brass cap mkd.

T37S R7E
S 3 | S 2
S10 | S11
1958

Land, broken desert.
Soil, sandstone, with sandy loam in the draws.
Timber, widely scattered pinon and juniper.
Undergrowth, scant sagebrush, bitter brush, silverleaf and grass.

	N. 0° 05' W., bet. secs. 2 and 3.
	Over broken desert land, through scattered timber and scant undergrowth; desc. 40 ft. over NW. sandstone slope.
6.60	Draw, drains S. 20° W.; asc. 250 ft. over SE. slope.
39.50	Base of ledges; asc. 60 ft.
39.90	Top of ledges.
40.00	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R7E
¼
S 3 | S 2.
1958

	Asc. 230 ft. over SE. slope.
61.00	Top of small mesa; desc. 340 ft. over NE. slope.
80.09	The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township, mkd by an iron post, 2½ ins. diam., conforming to the record.

Land, broken desert.
Soil, sandy clay, with broken and eroded sandstone.
Timber, scattered juniper and pinon.
Undergrowth, medium to scattered sagebrush, bitter brush, silverleaf, and grass.

Portion of the Subdivision T. 37 S., R. 7 E.

Chains	
	From the cor. of secs. 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
	Over broken desert land, through scattered timber and scant undergrowth; desc. 60 ft. along S. sandstone slope.
10.00	The Escalante River, 6 ins. deep, 1.00 ch. wide, course S. 80° E.; thence along river bottom.
20.00	Recross river, course NE., about 5.00 chs., thence S. 80° E.; asc. 120 ft. over sandstone slickrock.
31.00	Spur, projects SW.; desc. 120 ft. over W. slope.
37.50	Recross river, course S. 20° W., about 8.00 chs., thence NE.; asc. 50 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T37S R7E ¼ S16/S21 1958
	Asc. 355 ft. over E. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T37S R7E S17 | S16 S20 | S21 1958
	Land, broken desert. Soil, sandy with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, medium sagebrush, greasewood and grass.
	N. 0° 01' E., bet. secs. 16 and 17.
	Over broken desert land, through scattered timber and medium undergrowth; asc. 15 ft. over SE. slope.
7.40	Spur, projects E.; desc. 200 ft. over N. slope.
24.00	Rim of ledges, 80 ft. high, bears E. and W.; desc. 80 ft.
28.00	The Escalante River, 6 ins. deep, 1 ch. wide, course E.; asc. 50 ft. over ledgy S. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 15 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, with brass cap mkd.

Portion of the Subdivision, T. 37 S., R. 7 E.

Chains	
	T37S R7E ¼ S17 | S16 1958
	Asc. 115 ft. over S. slope.
67.00	Spur, projects W.; desc. 60 ft. over N. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R7E S 8 | S 9 S17 | S16 1958
	Land, broken desert. Soil, sandy clay, with broken and eroded sandstone. Timber, scattered juniper and pinon. Undergrowth, scant sagebrush, bitter brush and grass.
	From the cor. of secs. 9, 10, 15 and 16.
	West, bet. secs. 9 and 16.
	Over broken desert land, through scattered timber and scant undergrowth; desc. 190 ft. over NW. slope.
30.00	Draw, drains SW.; asc. 40 ft. over SE. slope.
40.02	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R7E ¼ S 9 S16 1958
	Asc. 90 ft. over SE. slope.
42.20	Spur, projects SW.; desc. 170 ft. over NW. slope.
51.00	Draw, drains SW.; asc. 120 ft. over SE. slope.
60.30	Spur, projects S.; desc. 385 ft. over W. slope.
80.04	The cor. of secs. 8, 9, 16 and 17.
	Land, broken desert. Soil, sandy clay, with sandstone outcroppings. Timber, scattered juniper and pinon. Undergrowth, medium sagebrush, bitter brush and grass.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. I alter the cor. markings to refer to T. 37 S. only.

Chains	
	N. 0° 01' E., bet. secs. 32 and 33.
	Over rolling land; desc. 110 ft. over rolling NW. slope.
33.90	Slope and drainage change to SW.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 24 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T37S R7E ¼ S32 | S33 1958
	Asc. 20 ft.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T37S R7E S29 | S28 S32 | S33 1958
	Land, rolling, slightly broken. Soil, exposed sandstone and shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, scattered grass, blackbrush, yellow brush, buckbrush, Brigham tea and cacti.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. I alter the cor. markings to refer to T. 37 S. only.
	N. 0° 01' E., bet. secs. 31 and 32.
	Over rolling sandstone, through scattered scrub juniper and pinon; desc. 140 ft. over rolling NW. slope.
25.10	Narrow sandstone gulch, about 25 ft. deep, drains NE.; asc. 80 ft. over slight broken SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole, in solid sandstone, and in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T37S R7E ¼ S31 | S32 1958
41.00	Top of ascent; desc. 60 ft. over rolling sandstone knobs and ribs.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	T37S R7E S30 | S29 S31 | S32 1958 Land, rolling, slightly broken. Soil, mostly exposed sandstone. Timber, scattered scrub juniper and pinon. Undergrowth, scattered grass, yellow brush and Brigham tea.
	From the cor. of secs. 28, 29, 32 and 33.
	S. 89° 59' W., bet. secs. 29 and 32.
	Over rolling and broken land; desc. 90 ft. over broken SW. slope.
19.50	Small wash, drains SW. from N.; asc. 30 ft. over SE. slope.
22.80	Slope changes to SW.; desc. 30 ft.
30.60	Slope changes to W.; desc. 40 ft.
40.00	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T37S R7E ¼ S29 S32 1958 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	By triangulation, topography as taken from U.S.G.S. topographic map, desc. about 160 ft. over W. slope.
51.00	E. rim of gulch, bears N. and S.; desc. about 200 ft. over nearly vertical wall facing W.
52.50	Wash in bottom of gulch, drains N.; asc. about 200 ft. over steep sloping sandstone facing E.
55.00	W. rim of gulch, bears N. and S.; asc. about 200 ft. over E. slope.
64.90	Top of ascent; end of triangulation; desc. 30 ft. over rolling sandstone.
80.00	The cor. of secs. 29, 30, 31 and 32. Land, rolling and broken. Soil, exposed sandstone and shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, scattered grass, blackbrush, yellow brush, Brigahm tea, cacti and buckbrush.

GENERAL DESCRIPTION

The land in the township varies from broken desert land in the center east and north portions to rolling in the south and southwest portions. The township is cut by numerous steep sided and box canyons. The drainage is all into the Escalante River, which enters the township in sec. 6 and flows southeast leaving the township in sec. 25.

Township 37 South, Range 7 East

Chains

The soil is principally a sandy clay, with a considerable amount of exposed, broken and eroded sandstone. There is a scattered growth of juniper and pinon over most of the township. The undergrowth is mainly sagebrush, with lesser amounts of blackbrush, bitter brush, cacti, mountain rush, silverleaf, grass and weeds. There are no permanent habitants in the township. Some prospecting for fissionable minerals has been carried on in the area. This township is not accessible by motor vehicle.

Access to the survey lines was provided by helicopters.

4-660
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
Max L. Sevy	Chainman
Gerald O. Barney	Flagman
Clement J. Davis	Cornerman
David Jensen	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1956, I have surveyed a portion of the subdivision of Township 37 South, Range 7 East

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.

June 5, 1959

Salt Lake City, Utah

Fred R. Chappell

Fred R. Chappell, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., 19....

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max R. Porter	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1959, I have surveyed a portion of the subdivision of Township 37 South, Range 7 East

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.

June 5, 1959

Salt Lake City, Utah

Boyd S. Owens

Boyd S. Owens, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Note keeper
Parley Pratt	Chainman
Wallace R. Ott	Axeman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 19[illegible], I have surveyed a portion of the subdivision of Township 37 South, Range 7 East

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.

June 5, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland, Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, 19____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1956, I have ~~surveyed~~ supervisied the survey of a portion of the subdivision of Township 37 South, Range 7 East

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.

June 5, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 8 1959, *19*

The foregoing field notes of the survey of a portion of the subdivision of Township 37 South, Range 7 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell, Boyd S. Owens and Lacel E. Bland, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Donald B. Clement

Cadastral Engineering Staff Officer.

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.

~~Cadastral Engineering Staff Officer.~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 7 EAST

Of the Salt Lake *Meridian,*

n the State of Utah

EXECUTED BY

Vern E Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Lacel E. Bland - Cadastral Surveyor

Dell Cazier - Cadastral Surveyor

Inder special instructions dated September 17, *1957, which provided*

or the surveys included under Group No. 410, *approved* October 2, 1957

nd assignment instructions dated May 7, *1958*

Survey commenced August 12, *1958*

Survey completed September 4, *1958*

U. S. GOVERNMENT PRINTING OFFICE 16—50770-1

2234

INDEX DIAGRAM

Township 38 South , *Range* 7 East

Fred R. Chappell _____

Lacel E. Bland _____

Dell Cazier _____

2234

Chains

The north boundary was surveyed by R. C. Yundt in 1923. The notes thereof are included in the field notes of T. 37 S., R. 7 E. The north 2 miles of the west boundary were surveyed concurrently under Group 410 by Boyd S. Owens. The balance of the west boundary was surveyed concurrently under Group 410 by Fred R. Chappell. The notes of the west boundary are included in the field notes of T. 38 S., R. 6 E. The south boundary was surveyed concurrently under this same group by Dell Cazier.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 38 S., R. 7 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541327 and 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topograghy on lines run by traverse or triangulation are approx. as scaled from U. S. G.S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 27' 24.1" N. and longitude 111° 05' 18.7" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

Chains	
	Beginning at the cor. of Tps. 38 and 39 S., Rs. 7 and 8 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 6 E.
	North, bet. secs. 31 and 36.
	Over gently rolling W. slope of bench, through scattered juniper; asc. 120 ft.
31.20	Top of ascent; W. top of bench bears N. 20° E. and S. 20° W.; desc. 25 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R7E R8E ¼ S36|S31 1958
	Deposit charcoal at base of iron post.
	Desc. 20 ft. over NW. slope.
57.50	Base of descent; asc. 160 ft. over sandstone S. slope.
74.10	Top of sandstone hill; desc. 200 ft. over N. slope of sandstone.
80.00	True point for the cor. of secs. 25, 30, 31 and 36 falls on steep N. slope of sandstone where the cor. cannot be perpetuated.
	Land, gently rolling to rolling. Soil, sandy silt and sandstone. Timber, scattered juniper. Undergrowth, white sage, mountain rush and blackbrush.
	North, bet. secs. 25 and 30.
	Desc. 200 ft. over N. slope of sandstone.
0.86	Point selected for the witness cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X), and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E R8E S25|S30 S36|S31 W C 1958
5.50	Base of sandstone hill; continue over rolling sandstone and sand dunes.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	On NE. slope of sandstone
	Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.
	T38S R7E R8E ¼ S25|S30 1958

Chains	
	Continue over distorted sandstone.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground to sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E R8E S24 | S19 S25 | S30 1958 Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper. Undergrowth, white sage, mountain rush and blackbrush.
	North, bet. secs. 19 and 24. Over distorted sandstone, through scattered juniper.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to sandstone, with rock collar to top, with brass cap mkd. T38S R7E R8E ¼ S24 | S19 1958 Continue over distorted sandstone.
80.00	Point for the cor. of secs. 13, 18, 19 and 24. Set an iron post, 1 in. diam., drilled 12 ins. in sandstone, with brass cap mkd. T38S R7E. R8E S13 | S18 S24 | S19 1958 Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper. Undergrowth, blackbrush and white sage.
	North, bet. secs. 13 and 18. Over rolling land, through scattered juniper; asc. 120 ft. over S. slope.
39.00	Top of ascent; sandstone ridge slopes SW.; desc. 10 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18. Set an iron post, 1 in. diam., drilled 12 ins. in sandstone, with brass cap mkd.

Chains	
	T38S R7E R8E S13|S18 1958
	Continue over rolling W. slope.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R7E R8E S12|S 7 S13|S18 1958
	Deposit charcoal at base of iron post.
	Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper. Undergrowth, blackbrush and white sage.
	North, bet. secs. 7 and 12.
	Over rolling land, through scattered juniper.
22.10	S. rim of Scorpion Gulch, bears N. 70° E. and S. 80° W.; by triangulation desc. approx. 325 ft. over sandstone ledge.
27.00	Wash, 80 lks. wide, 3 ft. deep, drains N. 80° E.; asc. approx. 340 ft.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12 falls on an inaccessible SE. slope of canyon wall.
44.70	N. rim of canyon, Scorpion Gulch, bears N. 60° E. and S. 70° W.
44.80	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 1 in. diam., drilled 10 ins. in sandstone, with brass cap mkd.
	T38S R7E R8E ¼ S12|S 7 W.C. 1958
	Continue over rolling land.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R7E R8E S 1|S 6 S12|S 7 1958

Chains	
	Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper. Undergrowth, white sage, blackbrush and mountain rush.
	North, bet. secs. 1 and 6. Asc. 90 ft. over rolling S. slope.
33.40	Top of ascent; low ridge sloping W.; desc. 10 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S T7E R8E ¼ S 1 | S 6 1958
	Desc. 50 ft. over N. slope.
60.97	Intersect the N. bdy. of T. 38 S., R. 7 E. of the point for the closing cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T37S R7E S36 S 1 | S 6 C C T38S R7E R8E 1958
	From the closing cor., the ¼ sec. cor. of sec. 36, an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, bears W., 8.62 chs. dist. Land, rolling. Soil, distorted sandstone and sandy silt. Timber, scattered pinon and juniper. Undergrowth, blackbrush, white sage and mountain rush.
	Portion of the Subdivision, T. 38 S., R. 7 E.
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey. N. 0° 01' W., bet. secs. 35 and 36. Over rolling sandstone and sandy pockets.
24.20	Wash, 20 lks. wide, 2 ft. deep, drains SW.
39.00	Point selected for the witness ¼ sec. cor. of secs. 35 and 36.

Portion of the Subdivision, T. 38 S., R. 7 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R7E ¼ W C S35 ↑ S36 1958
	Deposit charcoal at base of iron post.
40.00	True point for the ¼ sec. cor. of secs. 35 and 36 falls on W. slope of sandstone where cor. cannot be perpetuated.
	Continue over rolling land.
79.70	Point selected for the witness cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E W C S26 ↑ S25 S35 | S36 1958
80.00	True point for the cor. of secs. 25, 26, 35 and 36 falls on steep NW. slope of sandstone where cor. cannot be perpetuated.
	Land, rolling. Soil, distorted sandstone and sandy silt. Timber, scattered juniper. Undergrowth, blackbrush and mountain rush.
	From the true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township. S. 89° 56' W., bet. secs. 25 and 36.
	Over distorted sandstone and sand dunes.
39.96	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S25 S36 1958
	Continue over rolling land.
79.92	The true point for the cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, distorted sandstone and sand dunes. Timber, scattered juniper. Undergrowth, blackbrush.

Portion of the Subdivision, T. 38 S., R. 7 E.

Chains	
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling desert land, through widely scattered timber and scant undergrowth; desc. 35 ft. over N. sandstone slope.
12.70	Draw, drains W.; asc. 65 ft. over S. slope.
23.50	W. slope of sandstone knob; desc. 20 ft. along W. sandstone slope.
36.10	Sandstone draw, drains SW.; asc. 10 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S33 | S34 1958
	Asc. 90 ft. over S. slope.
46.50	Sandstone knob; desc. 20 ft. over N. slope.
52.50	Head of draw, drains S. 20° E.; asc. 65 ft. along SW. slope.
58.00	Sandstone spur, projects W.; desc. 110 ft. over N. slope.
73.40	W. end of basin, drains SW.; asc. 35 ft. over S. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R7E S28 | S27 S33 | S34 1958
	Land, rolling desert. Soil, sand and sandstone. Timber, widely scattered dwarf juniper. Undergrowth, sagebrush, blackbrush and grass.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling desert land, through widely scattered timber and scant undergrowth; asc. 210 ft. over gentle S. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S28 | S27 1958
	Asc. 80 ft. over S. sandstone slope.

Chains	
53.90	Sandstone spur, projects W.; desc. 120 ft. over N. slope.
69.80	Draw, drains SW.; asc. 25 ft. over SE. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T38S R7E
S21 | S22
S28 | S27
1958

Land, rolling desert.
Soil, sand and sandstone.
Timber, widely scattered dwarf juniper.
Undergrowth, scant bitter brush, blackbrush and grass.

N. 0° 02' W., bet. secs. 21 and 22.

Over rolling desert land, through widely scattered timber and scant undergrowth; asc. 15 ft. over S. slope.

3.30	Spur, projects W.; desc. 50 ft. over NW. slope.
15.60	Draw, drains SW.; asc. 85 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T38S R7E
¼
S21 | S22
1958

Asc. 65 ft. over SE. slope.

49.20	Sandstone spur, projects E.; desc. 50 ft. over NE. slope.
57.20	Draw, drains SE.; asc. 95 ft. over S. slope.
75.10	Sandstone knob; desc. 45 ft. over NE. sandstone slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38S R7E
S16 | S15
S21 | S22
1958

Land, rolling desert.
Soil, sand and sandstone.
Timber, widely scattered dwarf juniper.
Undergrowth, scant blackbrush, sagebrush, yellow brush and grass.

Portion of the Subdivision, T. 38 S., R. 7 E.

Chains	
	N. 0° 02' W., bet. secs. 15 and 16.
	Over rolling desert land, through widely scattered timber and scant undergrowth; desc. 45 ft. over NE. sandstone slope.
15.90	Sandstone draw; drains E.; asc. 75 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16 falls on a steep S. slope of sandstone slickrock where the cor. cannot be perpetuated.
41.50	Point selected for the witness ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S16 | S15 W C 1958
	Asc. 110 ft. over sandstone SE. slope.
47.30	E. slope of sandstone knob; desc. 120 ft. over sandstone N. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E S 9 | S10 S16 | S15 1958
	Land, rolling desert. Soil, sand and sandstone slickrock. Timber, widely scattered dwarf juniper. Undergrowth, scant blackbrush, bitter brush, sagebrush and grass.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling desert land, through widely scattered timber and scant undergrowth; desc. 15 ft. over N. sandstone slope.
4.00	Sandstone wash, drains SE.; asc. 35 ft. over gentle S. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S 9 | S10 1958
	Asc. 65 ft. over S. sandstone slope.
78.50	Sandstone knob; desc. 15 ft. over N. sandstone slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T38S R7E S 4 | S 3 S 9 | S10 1958 Deposit charcoal at the base of iron post. Land, rolling desert. Soil, sand and sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant scrub oak, sagebrush and grass.
	N. 0° 02' W., bet. secs. 3 and 4. Over rolling desert land, through scattered timber and scant undergrowth; asc. 80 ft. over gentle S. slope.
24.30	Spur, projects SW.; desc. 20 ft. over gentle N. slope.
30.00	Swale; asc. 20 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., over a c oss (X) mkd on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E ¼ S 4 | S 3 1958 Asc. 25 ft. over S. sandstone slope.
51.20	Sandstone rib, bears E. and W.; desc. 45 ft. over N. slope.
61.13	Intersect the N. bdy. of the township at the point for the closing cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R7E S33 S 4 | S 3 C C T38S R7E 1958 From this closing cor., the original ¼ sec. cor. of secs. 4 and 33, Tps. 37 and 38 S., R. 7 E., an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, bears W., 8.96 chs. dist. I alter the cor. markings to function for T. 37 S. only. Land, rolling desert. Soil, sand and sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant blackbrush, bitter brush, sagebrush and grass.

Portion of the Subdivision, T. 38 S., R. 7 E.

Chains

The point for the cor. of secs. 1 and 2 is on the N. bdy. of the township and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a collar of stone to top, with brass cap mkd.

T37S R7E
S35
S 2 | S 1
T38S R7E
1958

From this cor., the original ¼ sec. cor. of secs. 2 and 35 bears W., 8.73 chs. dist., an iron post, 1 in. diam., conforming to the official record. I alter the cor. markings to function for T. 37 S. only.

The point for the cor. of secs. 2 and 3 is on the N. bdy. of the township and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T37S R7E
S34
S 3 | S 2
T38S R7E
1958

From this cor., the original ¼ sec. cor. of secs. 3 and 34 bears W., 8.84 chs. dist., an iron post, 1 in. diam., conforming to the official record. I alter the cor. markings to function for T. 37 S. only.

The point for the N. ¼ sec. cor. of sec. 2 is at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

¼ S 2
1958

From this ¼ sec. cor., the original cor. of secs. 2, 3, 34 and 35, Tps. 37 and 38 S., R. 7 E. bears W., 8.78 chs. dist., an iron post, 1 in. diam., conforming to the official record. I alter the cor. markings to function for T. 37 S. only.

From the cor. of secs. 1 and 2 on the N. bdy. of the township.

S. 0° 01' E., bet. secs. 1 and 2.

Over rolling land, through scattered juniper.

21.02 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4½ ft. base to top, with brass cap mkd.

T38S R7E
¼
S 2 | S 1
1958

Desc. 40 ft. over S. slope.

Chains	
29.50	Wash, 40 lks. wide, 1 ft. deep, drains S. 80° W.; desc. 210 ft. over rolling SW. slope.
61.02	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E S 2 | S 1 S11 | S12 1958 Land, rolling, draining S. to SW. Soil, sandstone knobs and sand dunes. Timber, scattered juniper and pinon. Undergrowth, white sage, mountain rush, oak brush and bunch grass.
	S. 89° 58' W., bet. secs. 2 and 11 on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10 as specified in the special instructions. Over rolling land, through scattered juniper. Desc. 40 ft. over SW. slope.
13.40	Base of descent; wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 120 ft. over E. slope.
34.10	Top of ascent; small mesa; desc. 10 ft. over W. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R7E ¼ S 2. S11 1958 Desc. 120 ft. over W. slope.
74.00	Base of descent, swale; asc. 20 ft. over E. slope.
80.00	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E S 3 | S 2 S10 | S11 1958 Land, rolling. Soil, sandstone and sandy silt. Timber, scattered juniper. Undergrowth, white sage, mountain rush and bunch grass.

Chains	
	N. 0° 05' W., bet. secs. 2 and 3.
	Over rolling land, through scattered juniper; asc. 80 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R7E ¼ S 3 | S 2 1958
	Continue over rolling land.
61.29	The cor. of secs. 2 and 3, on the N. bdy. of the township.
	Land, rolling. Soil, sandstone and sandy silt. Timber, scattered juniper. Undergrowth, white sage, mountain rush, oak brush and bunch grass.
	From the cor. of secs. 15, 16, 21 and 22.
	S. 89° 56' W., bet. secs. 16 and 21.
	Over rolling desert land, through scattered timber and scant undergrowth; asc. 80 ft. over a series of sandstone ribs and knobs putting to the N.
22.30	Sandstone spur, projects SW.; desc. 165 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R7E ¼ S16 / S21 1958
	Deposit charcoal at the base of the post.
	Desc. 10 ft. over W. slope.
48.00	Draw, drains SW.; asc. 10 ft. over gentle E. slope.
51.80	Sandstone spur, projects SW.; desc. 50 ft. over W. slope.
65.60	Wash, 25 lks. wide, 1 ft. deep, drains S.; asc. 40 ft. along SE. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R7E S17 | S16 S20 | S21 1958

Chains	
	Land, rolling desert. Soil, sand and sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant sagebrush, blackbrush, bitter brush and grass.
	N. 0° 03' W., bet. secs. 16 and 17. Over rolling desert land, through scattered timber and scant undergrowth; asc. 110 ft. over S. slope.
21.00	Sandstone spur, projects SW.; desc. 20 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E ¼ S17 | S16 1958 Desc. 35 ft. over N. slope.
42.00	Small basin; asc. 125 ft. over S. slope.
43.40	Sandstone knoll; desc. 30 ft. over N. slope.
75.20	Draw, drains S. 20° W.; asc. 120 ft. over S. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E S 8 | S 9 S17 | S16 1958 Land, rolling desert. Soil, sand and sandstone. Timber, widely scattered dwarf juniper and pinon. Undergrowth, scant sagebrush, blackbrush, bitter brush and grass.
	From the cor. of secs. 9, 10, 15 and 16. S. 89° 59' W., bet. secs. 9 and 16. Over rolling desert land, through scattered timber and scant undergrowth; asc. 140 ft. over NE. changing to E. slope.
40.02	Point for the ¼ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E ¼ S 9 S16 1958

Chains	
	Asc. 65 ft. over S. slope.
47.00	Saddle in spur, projecting S.; desc. 15 ft. along SW. slope.
55.00	Sandstone swale, drains S.; asc. 100 ft. along SE. slope.
72.40	Sandstone spur, projects S.; desc. 50 ft. over W. slope.
80.04	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling desert. Soil, sand and sandstone. Timber, scattered juniper and pinon. Undergrowth, medium blackbrush, scant sagebrush, bitter brush and grass.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 7 E.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over nearly level stream valley.
5.20	Wash in bottom of Coyote Gulch, 2.20 chs. wide, 3 ft. deep, drains SE.
14.50	Wash, 1.50 chs. wide, 3 ft. deep, drains SW.
16.00	Leave stream valley; asc. 200 ft. over SW. sloping slickrock.
33.30	Top of steep ascent; thence asc. 40 ft. along SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E ¼ S32 | S33 1958
	Thence over sandstone spurs and knobs.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E S29 | S28 S32 | S33 1958
	Land, rolling and broken. Soil, sandy silt. Timber, scattered juniper. Undergrowth, blackbrush, greasewood.

Portion of the Subdivision, T. 38 S., R. 7 E.

Chains	
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 7 E.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over sandstone knobs and spurs; desc. 40 ft. over N. sloping slickrock.
4.80	Base of steep descent, thence over sandstone knobs.
26.70	Begin steep descent over N. slope; desc. 60 ft.
28.30	Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 100 ft. over steep S. sloping slickrock.
32.00	Top of steep ascent, thence over sandstone knobs.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E ¼ S31 | S32 1958
	Continue over sandstone knobs and spurs.
59.90	Begin descent over N. sloping slickrock, desc. 100 ft.
62.20	Wash, 1.00 ch. wide, 2 ft. deep, drains E.; asc. 80 ft. over S. sloping slickrock.
66.70	Top of steep ascent, thence along ledgy E. slope.
78.90	Point selected for the witness cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E W C S30 ↑ S29 S31 | S32 1958
80.00	True point for the cor. of secs. 29, 30, 31 and 32 falls on steep E. sloping slickrock where it is impractical to set the monument.
	Land, sandstone knobs and spurs. Soil, sandy silt. Timber, scattered juniper. Undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 28, 29, 32 and 33. West, bet. secs. 29 and 32.
	Over sandstone knobs and spurs.
25.47	Begin ascent over steep E. slope, asc. 70 ft.
31.25	Spur, sloping SW.; desc. 60 ft. over steep N. slope.

Chains	
39.96	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R7E ¼ S29/S32 1958 By triangulation desc. approx. 40 ft. over steep W. slope.
46.00	E. rim of gorge with ledge 120 ft. high, bears N. and S.
49.00	W. rim of gorge, bears N. and S.; asc. over E. slope.
60.30	Top of spur, projects SW.; end of triangulation; desc. 70 ft. over steep W. sloping slickrock.
78.90	Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 40 ft. over steep E. sloping slickrock.
79.92	True point for the cor. of secs. 29, 30, 31 and 32, from which its witness cor. bears S. 0° 03' E., 1.10 chs. dist., mkd. by an iron post, 2½ ins. diam., previously described. Land, broken. Soil, sandy silt. Timber, scattered juniper. Undergrowth, blackbrush and mountain rush.

GENERAL DESCRIPTION

The land within this township is broken distorted sandstone. The elevation varies from 5,500 ft. on the high knobs to 3,700 ft. in the Escalante River Canyon. The area is drained southeasterly by the Escalante River from it's tributaries of Scorpion Gulch and Coyote Gulch.

The soil is composed of distorted sandstone and sand of a few inches on the small mesas to several feet in the canyons. Timber consists of scattered scrub juniper and pinon, with scattered cottonwood in the canyons.

Principal users of the area are cattlemen, and access into the township is provided by stock trails.

No mineral formations of consequence were noted during the survey.

Access to the survey lines was provided by helicopters.

The original ¼ sec. cor. of secs. 2 and 35, the ¼ sec. cor. of secs. 3 and 34, the ¼ sec. cor. of secs. 4 and 33, and the cor. of secs. 2, 3, 34 and 35 on the north boundary of the township have been altered to function for T. 37 S. only. The remaining corners on the north boundary established in 1923 are marked for maximum control but function for T. 37 S. only.

(Oct. 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
Max L. Sevy	Chainman
Gerald O. Barney	Flagman
Clement J. Davis	Cornerman
David Jensen	Axeman

16—58565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have surveyed a portion of the subdivision of Township 38 South, Range 7 East

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.

March 3, 1959

Salt Lake City, Utah

Fred R. Chappell

Fred R. Chappell, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Note keeper
Parley Pratt	Chainman
Wallace R. Ott	Axeman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have surveyed a portion of the east boundary and a portion of the subdivision of Township 38 South, Range 7 East

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.

March 3, 1959 — Lacel E. Bland

Salt Lake City, Utah — Lacel E. Bland, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., *19*....

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—63364-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel E. Bland	Principal Assistant
James R. Munson	Chainman
Parley Pratt	Flagman
Wallace R. Ott	Cornerman
Robert A. Pratt	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have surveyed a portion of the east boundary and a portion of the subdivision of Township 38 South, Range 7 East

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.

March 3, 1959

Salt Lake City, Utah

Dell Cazier

Dell Cazier, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53865-3

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 7 East

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.

March 3, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 7 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell, Lacel E. Bland & Dell Cazier, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Donald R. Clement

Acting *Cadastral Engineering Staff Officer.*

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.

_____

~~Cadastral Engineering Staff Officer.~~

U. S. GOVERNMENT PRINTING OFFICE 16—53505-8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 8 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Lacel E. Bland - Cartographic Survey Aid

Under special instructions dated September 17, *19*57, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *19*58

Survey commenced August 13, *19*58

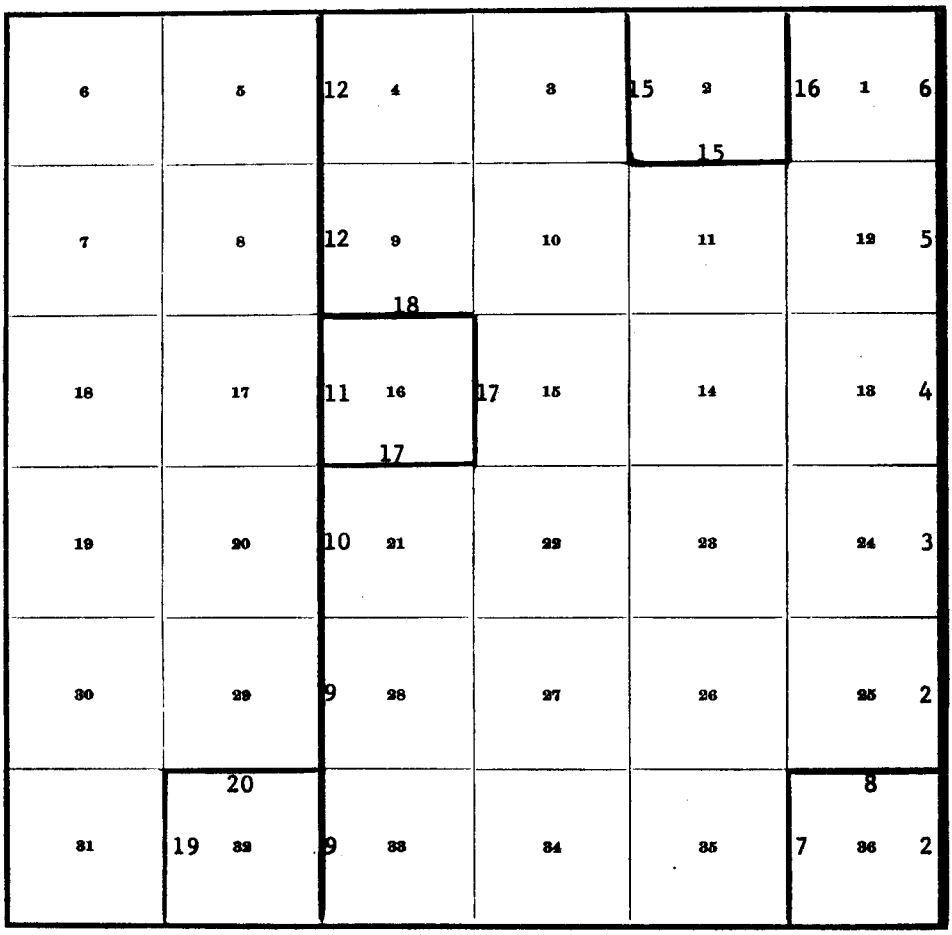
Survey completed October 15, *19*58

U. S. GOVERNMENT PRINTING OFFICE 16 86770 1

2235

INDEX DIAGRAM

Township 38 South, *Range* 8 East



16—56770-1

Craig P. Sylvester _____

Lacel E. Bland _____

2235

Township 38 South, Range 8 East

Chains

The west 2½ miles of the north boundary were surveyed in 1923 by R. C. Yundt and the east 3½ miles were surveyed in 1957 by Alburn D. Griffin. The notes thereof are included in the field notes of T. 37 S., R. 8 E. The north 5 miles of the west boundary were surveyed concurrently by Lacel E. Bland, and the south 1 mile by Dell Cazier. The notes thereof are included in the field notes of T. 38 S., R. 7 E. The south boundary was surveyed concurrently by Craig P. Sylvester. The notes thereof are included in the field notes of T. 39 S., R. 8 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 38 S., R. 8 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541326 and 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approx. as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 27' 24.1" N. and longitude 110° 58' 47.1" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

East Boundary of T. 38 S., R. 8 E.

Chains	
	Beginning at the cor. of Tps. 38 and 39 S., Rs. 8 and 9 E., an iron post, 2½ ins. diam., conforming to the field notes of T. 39 S., R. 8 E.
	North, bet. secs. 31 and 36.
	Over broken land, through scattered pinon and juniper.
	Desc. 20 ft. over broken N. slope.
3.50	S. rim of canyon, bears NE. and SW.; by triangulation desc. approx. 560 ft. over ledges facing NW.
16.00	Wash in canyon, drains SW.; asc. approx. 480 ft. over ledges facing SE.
40.00	True point for the ¼ sec. cor. of secs. 31 and 36 falls on inaccessible ledge facing S. and cannot be perpetuated.
	Asc. approx. 320 ft. over ledges facing S.
49.00	N. rim of canyon, bears W. and NE.
49.79	End of triangulation.
	Point selected for the witness ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R8E R9E ¼ S36 | S31 W C 1958
	Asc. 30 ft. over broken S. slope.
52.00	Point, projects E.; desc. 40 ft. over broken and irregular exposed sandstone.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R8E R9E S25 | S30 S36 | S31 1958
	Land, badly broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 25 and 30.
	Over broken and irregular sandstone, through scattered juniper and pinon.
12.30	Rim, bears E. and curves SW.; by triangulation desc. approx. 480 ft. over ledges facing N.

East Boundary of T. 38 S., R. 8 E.

Chains	
26.00	Wash in ravine, drains SW. approx. 8.50 chs. to main wash; asc. about 200 ft. over ledges facing SE.
28.00	End of triangulation; point projects SW. approx. 6.00 chs.
28.80	Point selected for the witness ¼ sec. cor. of secs. 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R8E R9E ¼ W C S25 | S30 1958 By triangulation desc. approx. 480 ft. over ledges facing NE., into canyon.
38.00	Wash in canyon, drains SW.; asc. approx. 80 ft. over ledges facing SE.
40.00	True point for the ¼ sec. cor. of secs. 25 and 30 falls on an inaccessible ledge and cannot be perpetuated. Asc. approx. 800 ft. over ledges facing S.
62.00	Top of ascent on SE. slope; desc. approx. 440 ft. over ledges facing NE.
79.55	End of triangulation. Point selected for the witness cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E R9E W C S24 | S19 S25 | S30 1958 By triangulation desc. approx. 40 ft. over ledges facing E.
80.00	True point for the cor. of secs. 19, 24, 25 and 30 falls on an inaccessible ledge facing E., and cannot be perpetuated. Land, badly broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 19 and 24.
	Over badly broken land, through scattered juniper and pinon; desc. approx. 40 ft. over broken E. slope.
1.20	Wash, 30 lks. wide, 4 ft. deep, drains SE.; asc. approx. 240 ft. over ledges facing SW.
11.00	Top of ascent on W. slope; desc. approx. 240 ft. over ledges facing NW.

Chains	
18.00	Same wash, drains SW.; asc. approx. 360 ft. over ledges facing S.
26.00	Rim bears irregularly E. and W.; asc. approx. 160 ft. over broken S. slope.
40.00	End of triangulation.
	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R8E R9E ¼ S24 | S19 1958
41.00	Top of sandstone ridge, bears SW. and NE.; desc. 40 ft. over N. slope.
43.00	Rim, bears NE. and SW.; by triangulation desc. approx. 480 ft. over ledges facing NW.
64.00	Wash in canyon, drains SW.; asc. approx. 120 ft. over ledges facing SE.
74.00	Top of ascent on E. slope; desc. approx. 40 ft. over NE. slope.
80.00	True point for the cor. of secs. 13, 18, 19 and 24 falls on inaccessible NE. slope and cannot be perpetuated.
	Land, broken. Soil, sandystone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 13 and 18.
	Over broken land, through scattered juniper and pinon; desc. approx. 40 ft. over NE. slope.
2.00	Wash in side canyon, drains S. 30° E.; asc. approx. 200 ft. over ledges facing SW.
15.24	End of triangulation.
	Point selected for the witness cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. in sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E R9E S13 | S18 S24 | S19 W C 1958
17.00	Top of ascent on W. slope; by triangulation along broken W. slope.
28.00	Same wash, drains SW.; asc. approx. 240 ft. over ledges facing SE
32.00	Rim, bears SW. and curves SE.; asc. approx. 100 ft. over broken S. slope.
40.00	End of triangulation.

Chains	
	Point for the ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R8E R9E ¼ S13 | S18 1958
	Asc. 100 ft. over broken S. slope.
46.90	Top of highest sandstone point in vicinity; by triangulation desc. approx. 480 ft. over ledges into canyon.
56.00	Base of ledgy N. slope, bears NE. and SW.; desc. approx. 80 ft. over sandy N. slope.
68.00	Wash in canyon bottom, drains SW.; asc. approx. 80 ft. over SE. slope.
80.00	End of triangulation.
	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E R9E S12 | S 7 S13 | S18 1958
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered pinon and juniper. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 7 and 12.
	Over broken land, through scattered juniper and pinon.
3.60	Point, projects E.; by triangulation desc. approx. 80 ft. over NE. slope.
11.00	Wash, drains SE.; asc. approx. 120 ft. over SW. slope.
18.00	Point, projects W.; desc. approx. 80 ft. over NW. slope.
22.00	Same wash, drains SW.; asc. approx. 280 ft. over ledgy SE. slope.
31.00	Rim, bears E. and W.; asc. approx. 80 ft. over broken S. slope.
40.00	End of triangulation.
	Point for the ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in sandstone, with brass cap mkd.
	T38S R8E R9E ¼ S12 | S 7 1958

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East Boundary of T. 38 S., R. 8 E.

Chains	
	Asc. 150 ft. over broken S. slope.
63.40	Ridge top, bears SW. and NE.; desc. 110 ft. over broken N. slope.
72.50	Point selected for the witness cor. of secs. 1, 6, 7 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E R9E W C S 1 | S 6 S12 | S 7 1958
74.50	Rim, bears SW. and NE.; by triangulation desc. approx. 280 ft. over ledges and steep NW. slope.
80.00	True point for the cor. of secs. 1, 6, 7 and 12 falls on inaccessible NW. slope and cannot be perpetuated. Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered pinon and juniper. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 1 and 6. Over broken land, through scattered juniper and pinon; desc. approx. 400 ft. over ledges facing N.
12.00	Wash in canyon, drains W.; asc. approx. 120 ft. over SW. slope.
18.00	Point projects SW.; desc. approx. 80 ft. over NW. slope.
25.00	Wash, drains SW.; asc. approx. 120 ft. over broken S. slope.
35.00	Broken point, projects SW.; asc. approx. 40 ft. over broken SW. slope.
40.00	True point for the ¼ sec. cor. of secs. 1 and 6 falls on an inaccessible ledge facing W. and cannot be perpetuated. Asc. approx. 40 ft. over broken W. slope.
44.30	End of triangulation. Point selected for the witness ¼ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E R9E S 1 | S 6 W C 1958 Asc. 170 ft. over broken SW. slope.
62.48	Intersect S. bdy. of T. 37 S., R. 8 E. at the point for the closing cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

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Chains	
	T37S R8E S33 S 1 | S 6 C C T39S R8E R9E 1958
	From this cor., the true point for the ¼ sec. cor. of sec. 36, T. 37 S., R. 8 E. bears S. 89° 45' W., 8.68 chs. dist., from which its witness cor. bears S. 89° 45' W., 3.50 chs. dist., a 2½ in. iron post, set, mkd. and witnessed as described in the official record. I remove the marks S1 from the brass cap.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered pinon and juniper. Undergrowth, blackbrush and mountain rush.
	Portion of the Subdivision, T. 38 S., R. 8 E.
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, a 2½ in. iron post, set, mkd. and witnessed as described in the field notes of T. 39 S., R. 8 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over broken land; asc. 160 ft. along broken E. slope of Escalante River Canyon.
28.00	Point selected for the witness ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R8E ¼ W C S35 | S36 1958
28.10	Canyon rim, bears E. and NW. on bend; by triangulation, topography as taken from U.S.G.S. topographic map, desc. approx. 680 ft. over ledges and broken slope facing N.
36.00	Escalante River, course irregularly E. from NW.; asc. approx. 280 ft. over broken ledges facing S.
40.00	True point for the ¼ sec. cor. of secs. 35 and 36 falls on an inaccessible point projecting W. approx. 1.00 ch. to river; desc. approx. 280 ft. over broken ledges facing NW.
46.00	Escalante River, course SW.; asc. approx. 520 ft. over ledges facing SE.
54.00	Point, projects NE.; desc. approx. 520 ft. over ledges facing NW.
62.00	Escalante River, course N. 60° E.; asc. approx. 480 ft. over ledges facing SE.
70.00	Canyon rim, bears NE. and SW.; asc. approx. 160 ft. along broken SE. slope.

Chains	
80.00	Point for the cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E S26 | S25 S35 | S36 1958 Land, broken. Soil, broken exposed sandstone and sand. Timber, widely scattered scrub juniper. Undergrowth, scant blackbrush and mountain rush.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township. N. 89° 57' W., bet. secs. 25 and 36. Over broken land, by triangulation, topography as taken from U.S.G.S. topographic map.
7.30	Canyon rim, bears N. 15° E. and S. 15° W.; desc. approx. 680 ft. over broken ledges facing W.
27.00	Wash in canyon bottom, drains S. on bend to SW.; asc. approx. 480 ft. over broken ledges facing SE.
40.05	True point for the ¼ sec. cor. of secs. 25 and 36 falls on inaccessible sandstone ledge, where cor. cannot be perpetuated. Asc. approx. 160 ft.
50.93	Point selected for the witness ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E ¼ S25 → W S36 C 1958 The witness ¼ sec. cor. is located on a point projecting S. Continue by triangulation; desc. approx. 800 ft. over broken ledges facing SW.
67.80	Bottom of descent at bend of Escalante River, course SE. from SW.; asc. approx. 680 ft. over broken ledges facing E.
80.10	The cor. of secs. 25, 26, 35 and 36. Land, broken. Soil, broken sandstone and sandy. Timber, widely scattered scrub juniper. Undergrowth, scant blackbrush and mountain rush.

Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 1 in. diam., set, mkd. and witnessed as described in the concurrent field notes of T. 39 S., R. 8 E.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling land, through scattered juniper and pinon; asc. 10 ft. over SE. slope.
3.60	Top of ascent; desc. 170 ft. over rolling N. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 15 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T38S R8E ¼ S32 | S33 1958
	Asc. 30 ft. over steep S. slope.
41.70	Top of ascent; desc. 50 ft. over NE. slope.
44.60	Wash, 20 lks. wide, 2 ft. deep, drains N. 30° E.
50.70	Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 20 ft. over SE. slope.
60.30	Top of ascent; desc. 30 ft. over NE. slope.
66.70	Point selected for the witness cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R8E W C S29 | S28 S32 | S33 1958
66.80	S. rim of inaccessible canyon, bears E. and N. 80° W.; by triangulation desc. approx. 300 ft. over nearly vertical ledge facing N.
72.00	Wash, 50 lks. wide, 3 ft. deep, drains E.; asc. approx. 80 ft. over SW. slope.
78.00	Base of nearly vertical ledge, bears E. and N.; asc. approx. 120 ft.
80.00	Point for the cor. of secs. 28, 29, 32 and 33 falls on steep inaccessible sandstone slope, where cor. cannot be perpetuated.
	Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and white sage.
	N. 0° 03' W., bet. secs. 28 and 29.
	Over broken land, through scattered juniper and pinon; asc. approx. 100 ft. over ledge facing W.
19.20	End of triangulation; N. rim of canyon, bears S. and N. 80° W.; asc. 80 ft. over exposed sandstone sloping S.
38.30	Top of ascent; desc. 30 ft. over NW. slope.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 28 and 29. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E ¼ S29 | S28 1958 Desc. 50 ft. over NW. slope.
47.20	Wash, 30 lks. wide, 2 ft. deep, drains S. 70° W.; asc. 80 ft. over SE. slope.
80.00	Point for the cor. of secs. 20, 21, 28 and 29. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E S20 | S21 S29 | S28 1958 Land, broken and rolling. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.
	N. 0° 03' W., bet. secs. 20 and 21. Over broken land, through scattered juniper and pinon; asc. 70 ft. over SE. slope.
13.00	Top of ascent; desc. 110 ft. over NE. slope.
35.10	Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. 100 ft.
40.00	Sandstone spur, slopes S. 50° W.
	Point for the ¼ sec. cor. of secs. 20 and 21. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in sandstone, with brass cap mkd. T38S R8E ¼ S20 | S21 1958 No accessories available. Desc. 110 ft. over NW. slope.
51.00	Wash, 20 lks. wide, 3 ft. deep, drains S. 80° W.
58.70	Wash, 20 lks. wide, 3 ft. deep, drains S. 50° W.; asc. 260 ft. over steep S. slope.
69.00	S. rim of mesa, bears N. 80° E. and NW.
79.70	N. rim of mesa, bears SE. and N. 80° W.; desc. 10 ft.

Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E S17 | S16 S20 | S21 1958 Land, broken and rolling. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.
	N. 0° 03' W., bet. secs. 16 and 17. Over rolling land, through scattered juniper and pinon. Desc. 50 ft. over NE. slope.
7.00	Base of descent; asc. 50 ft. over SE. slope.
12.20	S. rim of mesa, bears E. and W.
15.80	N. rim of mesa, bears E. and W.; desc. 200 ft. over broken N. slope.
28.00	Point selected for the witness ¼ sec. cor. of secs. 16 and 17. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in sandstone, with brass cap mkd. T38S R8E ¼ W C S17 ↑ S16 1958
28.10	Rim, bears SE. and NW.; by triangulation desc. approx. 120 ft. over ledges facing N.
33.00	Wash, 20 lks. wide, 2 ft. deep, drains N. 70° E.; asc. approx. 80 ft. over SE. slope.
39.50	Spur, slopes NE.; desc. approx. 10 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17 falls on N. slope of inaccessible spur, where cor. cannot be perpetuated. Desc. approx. 200 ft. over broken ledges facing N.
46.50	Wash, 40 lks. wide, 3 ft. deep, drains N. 80° E.; asc. approx. 200 ft. over ledges facing SE.
53.00	Rim, bears NE. and SW.; asc. approx. 320 ft. over exposed sandstone sloping SE.
74.90	End of triangulation; top of ascent on E. slope; desc. 40 ft. over NE. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 15 ins. long, 1 in. diam., 9 ins. in drilled hole in solid sandstone, with brass cap mkd.

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Chains	
	T38S R8E S 8 | S 9 S17 | S16 1958 Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and white sage.
	N. 0° 03' W., bet. secs. 8 and 9. Over broken exposed sandstone, through scattered juniper and pinon; desc. 40 ft. over NE. slope.
6.00	Base of descent; asc. 110 ft. over SE. slope.
26.00	Sandstone spur, slopes N. 20° W.; desc. 90 ft. over NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 8 and 9. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E ¼ S 8 | S 9 1958 Asc. 30 ft. over steep SE. slope.
42.00	Sandstone spur, slopes S. 80° W.; desc. 40 ft. over NW. slope.
50.60	Rim, bears E. and S. 70° W.; desc. approx. 600 ft. over ledges facing NW., by triangulation.
80.00	End of triangulation. Point for the cor. of secs. 4, 5, 8 and 9. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd. T38S R8E S 5 | S 4 S 8 | S 9 1958 Land, broken and ledges. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, mountain rush, blackbrush and silverleaf.
	N. 0° 03' W., bet. secs. 4 and 5. Over broken land, through scattered juniper and pinon; thence by triangulation.
3.00	Rim of Escalante River, bears E. and S. 20° W.; desc. approx. 100 ft. over ledges facing NW.
6.00	Right bank of Escalante River, bears E. and W.; thence across river, course E.

Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
9.00	Left bank of the Escalante River, bears E. and W.; asc. approx. 320 ft. over ledges facing S.
17.50	End of triangulation; rim bears S. 80° W. and S. 80° E.; asc. 60 ft. over S. slope.
25.50	Spur, slopes W.; desc. 160 ft. over NW. slope.
32.50	Wash, 30 lks. wide, 4 ft. deep, drains S. 80° W.; asc. 100 ft. over SE. slope.
39.90	Wash, 20 lks. wide, 1 ft. deep, drains S. 10° E.
40.00	Point for the ¼ sec. cor. of secs. 4 and 5 falls in wash where cor. cannot be perpetuated.
40.75	Point selected for the witness ¼ sec. cor. of secs. 4 and 5.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E ¼ S 5 | S 4 W C 1958
	Asc. 180 ft. over S. rocky slope.
51.60	Spur, slopes S. 40° W.; thence along W. slope.
59.00	Desc. 50 ft. over ledges facing NW.
61.05	Intersect the S. bdy. of T. 37 S., R. 8 E. at the point for the closing cor. of secs. 4 and 5.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R8E S32 S 5 | S 4 C C T38S 1958
	From this closing cor., the original ¼ sec. cor. of secs. 5 and 32, a sandstone, 16x12x4 ins., in a mound of stone, mkd. ¼ on N. face, bears W., 8.23 chs. dist.
	At the cor. point
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in sandstone, and in a collar of stone, with brass cap mkd.
	T37S R8E ¼ S32 1958
	Bury the original cor. N. of the iron post.
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and white sage.

Chains

The point for the cor. of secs. 1 and 2 is on the S. bdy. of T. 37 S. R. 8 E., at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E
S35
S 2 | S 1
T38S
1958

From this cor., the true point for the original ¼ sec. cor. of secs. 2 and 35 bears S. 89° 45' W., 8.57 chs. dist., from which its witness cor. bears S. 89° 45' W., 1.40 chs. dist. As the witness cor. is in a precarious position, I move it S. 89° 45' W., 1.00 chs. from its original position and set the iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone 3½ ft. base to top. I remove the marks S 2 from the brass cap.

The true point for the cor. of secs. 2 and 3 is on the S. bdy. of T. 37 S., R. 8 E., at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5. It falls on inaccessible W. slope of wash and cannot be monumented.

The point selected for the witness cor. of secs. 2 and 3 bears S. 89° 45' W., 2.46 chs. dist. from the true point.

Set an iron post, 15 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.

T37S R8E
W S34
C. S 3 | S 2
T38S
1958

From this witness cor., the original ¼ sec. cor. of secs. 3 and 34, Tps. 37 and 38 S., R. 8 E., bears S. 89° 45' W., 6.00 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed conforming to the record. I remove the marks S 3 from the brass cap.

The point for the N. ¼ sec. cor. of sec. 2 is on the S. bdy. of T. 37 S., R. 8 E. and at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

¼ S 2
T38S R8E
1958

From this cor., the true point for the original cor. of secs. 2, 3, 34 and 35, Tps. 37 and 38 S., R. 8 E. bears S. 89° 45' W., 8.51 chs. dist., and is witnessed N. 89° 45' E., 0.20 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed conforming to the record. I remove the marks S3 from the brass cap.

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Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
	From the true point of secs. 2 and 3 on the N. bdy. of the township, previously described.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over broken land, through scattered juniper and pinon; desc. 160 ft. over S. sandstone slope.
13.00	Wash, 40 lks. wide, 5 ft. deep, drains S. 70° W.; asc. 200 ft. over N. sandstone slope.
21.70	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 15 ins. long, 1 in. diam., drilled 6 ins. in solid sandstone, and in a collar of stone, with brass cap mkd. T38S R8E ¼ S 3 | S 2 1958
	Asc. 240 ft. over N. slope.
38.00	Ridge, slopes S. 80° W.; desc. 210 ft. over broken SE. slope.
61.70	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E S 3 | S 2 S10 | S11 1958
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, white sage and mountain rush.
	From the cor. of secs. 2, 3, 10 and 11.
	S. 89° 58' E., bet. secs. 2 and 11 on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the closing cor. of secs. 4 and 5 as specified in the special instructions.
	Over broken land, through scattered juniper and pinon; desc. 120 ft. over SE. slope.
22.50	Wash, 40 lks. wide, 3 ft. deep, drains SW.
24.00	Same wash, drains NW.
29.00	Same wash, drains S. 80° W.; asc. 120 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 15 ins. long, 1 in. diam., 5 ins. in drilled hole in solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R8E ¼ S 2 / S11 1958

Chains	
	Asc. 190 ft. over NW. slope.
48.70	Top of ascent on N. slope; desc. 120 ft. over steep NE. slope.
56.00	Wash, 30 lks. wide, 3 ft. deep, drains N. 30° W.; asc. 200 ft. over steep broken NW. slope.
64.60	Spur, slopes N. 40° W.; thence along broken N. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T38S R8E S 2 | S 1 S11 | S12 1958
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrsuh, mountain rush, white sage and silverleaf.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 0° 12' E., bet. secs. 1 and 2.
	Over broken land, through scattered juniper and pinon.
7.80	Small spur, slopes N. 30° W.; desc. 80 ft. over N. slope.
24.30	Rim, bears E. and W.; desc. 90 ft. over broken N. slope.
28.80	Wash, 30 lks. wide, 2 ft. deep, drains W.; asc. 120 ft. over broken S. slope.
34.00	Spur, projects S. 80° W.; desc. 120 ft. over steep broken N. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E ¼ S 2 | S 1 1958
	Desc. 20 ft. over N. sandstone slope.
42.50	Wash, 30 lks. wide, 3 ft. deep, drains S. 60° W.; asc. 200 ft. over broken S. slope.
60.30	Top of ascent on E. slope; desc. 20 ft. over NE. slope.
62.26	The cor. of secs. 1 and 2 on the N. bdy. of the township.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.

Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
	From the cor. of secs. 16, 17, 20 and 21.
	East, bet. secs. 16 and 21.
	Over broken land, through scattered juniper and pinon; desc. by triangulation approx. 590 ft. over ledges and steep E. slopes.
40.00	End of triangulation.
	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in sandstone, and in a collar of stone, with brass cap mkd.
	T38S R8E ¼ S16 / S21 1958
	Asc. 20 ft. over NW. slope.
41.20	Sandstone spur, slopes NE.; desc. 40 ft. over SE. sandstone slope.
44.90	Wash, 20 lks. wide, 2 ft. deep, drains N. 70° E.; desc. 60 ft. over NE. slope.
50.70	Rim, bears N. 30° W. and S. 30° E.; desc. by triangulation approx. 280 ft. over ledges and NE. slope.
62.00	Right bank of Escalante River, bears N. 20° W. and S. 30° E.; thence across Escalante River, course S. 20° E.
64.00	Left bank of Escalante River, bears N. 20° W. and S. 30° E.
68.00	Left bank of Escalante River, bears NE. and SW.; thence across river, course N. 30° E.
72.00	Right bank of Escalante River, bears NE. and SW.; asc. approx. 140 ft. over steep NW. slope.
75.00	End of triangulation; rocky spur, slopes N. 30° E.; desc. 130 ft. over E. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R8E S16 | S15 S21 | S22 1958
	Land, ledges and broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken land, through scattered juniper and pinon; by triangulation.
4.00	Right bank of Escalante River, bears NW. and S. 20° E.; thence across river, course S. 20° E.
6.00	Left bank of Escalante River, bears NW. and S. 20° E.; asc. approx. 480 ft. over steep slopes and ledges facing S. 20° W.

Chains	
16.00	Rim, bears N. 80° W. and S. 70° E.; asc. approx. 200 ft. over ledges and steep S. 20° W. slope.
23.50	Rim, bears N. 80° W. and S. 80° E.; asc. approx. 320 ft. over steep slopes and ledges facing SE.
36.00	Sandstone spur, projects SW.; desc. approx. 200 ft. over ledges and steep NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E ¼ S16 | S15 1958
	Desc. 160 ft. over broken NW. slope.
48.00	Head of canyon, drains N. 70° W.; asc. approx. 200 ft. over broken ledges facing SW.
65.30	End of triangulation; spur slopes N. 30° W.; desc. 240 ft. over N. slope.
74.10	Point selected for the witness cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4½ ft. base to top, with brass cap mkd.
	T38S R8E W C S 9 ↑ S10 S16 | S15 1958
74.30	Rim, bears NE. and SW.; desc. 240 ft. over inaccessible ledges facing NW.
80.00	Point for the cor. of secs. 9, 10, 15 and 16 falls on steep inaccessible NW. slope, where cor. cannot be perpetuated.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	From the true point for the cor. of secs. 9, 10, 15 and 16.
	S. 89° 54' W., bet. secs. 9 and 16.
	Over broken land, through scattered juniper and pinon; by triangulation desc. approx. 320 ft. over broken ledges and W. slope.
36.00	Left bank of Escalante River, bears N. 10° W. and S. 20° E.; thence across river, course S. 20° E.
38.00	Right bank of Escalante River, bears N. 10° W. and S. 20° E.; asc. 90 ft. over talus E. slope.
39.99	Point for the ¼ sec. cor. of secs. 9 and 16.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4½ ft. base to top, with brass cap mkd. T38S R8E ¼ S 9 S16 1958
	Asc. 630 ft. over ledges and steep E. slope.
56.50	Top of ascent, sandstone dome; desc. 120 ft. over W. slope.
65.00	Base of descent; asc. 200 ft. over broken NE. sandstone slope.
79.98	The cor. of secs. 8, 9, 16 and 17.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 8 E.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over gently rolling bench land, through medium undergrowth; asc. 70 ft. over SW. slope.
6.30	Rim of bench, bears SE. and N. 80° W.; thence over nearly level bench top.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R8E ¼ S31 | S32 1958
	Continue over nearly level land.
72.20	Rim of bench, bears NW. and SE.; desc. 110 ft. over NE. sandstone slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd. T38S R8E S30 | S29 S31 | S32 1958
	Land, nearly level bench land. Soil, sandy and exposed sandstone on last half. Timber, none. Undergrowth, mountain rush and blackbrush.

Portion of the Subdivision, T. 38 S., R. 8 E.

Chains	
	From the true point for the cor. of secs. 28, 29, 32 and 33.
	West, bet. secs. 29 and 32.
	Over broken land, through scattered juniper and pinon; desc. 120 ft. over ledges and W. slope.
9.00	Wash, 40 lks. wide, 3 ft. deep, drains S. 30° E.; asc. 380 ft. over E. slope and ledges facing E.
13.00	Rim, bears N. 20° W. and S. 30° E.; asc. 80 ft. over rolling NE. slop
40.01	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T38S R8E ¼ S29 / S32 1958
	Asc. 220 ft. over NE. slope.
80.02	The cor. of secs. 29, 30, 31 and 32.
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.

GENERAL DESCRIPTION

The land within this township east of the Escalante River is rough and mountainous. The area west of the river is rolling and broken. The elevation varies from 5800 ft. above sea level on the benches to 4000 ft. in the canyons. The township is drained southeasterly by the Escalante River.

The soil varies from a few inches on the higher elevations to several feet in the canyons, composed of exposed distorted sandstone and sand. The timber is composed entirely of scrub juniper and pinon of no commercial value.

Principal users of the area are cattlemen, and access into the township is provided by stock trails.

Access to the survey lines was provided by helicopters.

No mineral formations of consequence were noted during the survey.

The original ¼ sec. cor. of secs. 5 and 32, the ¼ sec. cor. of secs. 3 and 34, the ¼ sec. cor. of secs. 2 and 35, the ¼ sec. cor. of secs. 1 and 36 and the cor. of secs. 2, 3, 34, and 35 on the north boundary of the township have been altered to function for T. 37 S. only. The remaining corners on the north boundary, established in 1923, are marked for maximum control but function for T. 37 S. only.

U. S. GOVERNMENT PRINTING OFFICE 16—28530-2 1-1

4-690
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Principal Assistant
Ferrel D. Reynolds	Chainman
Olaf M. Shakespeare	Flgaman & Chainman
Leland C. Allen	Cornermma
Leland A. Ricketts	Axeman

16—53565-2

101

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 195[illegible] I have surveyed the east boundary and a portion of the subdivision of Township 38 So[illegible] Range 8 East

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.

March 13, 1959

Salt Lake City, Utah

Craig P. Sylvester

Craig P. Sylvester, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53665-8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman
Wallace R. Ott	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed a portion of the subdivision of Township 38 South, Range 8 East

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.

March 13, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland, Cartographic Survey A

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957 I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 8 East

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.

March 13, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 8 East, Salt Lake Meridian, Utah

executed by Lacel E. Bland and Craig P. Sylvester, under the supervision of Vern E. L having been critically examined and found correct, are hereby approved.

Donald D. Clement

Acting *Cadastral Engineering Staff Officer.*

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 9 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Lacel E. Bland - Cadastral Surveyor

Under special instructions dated September 17 *, 19* 57 *, which provided for the surveys included under Group No.* 410 *, approved* October 2, 1957 *and assignment instructions dated* May 7 *, 19*58

Survey commenced September 23 *, 19* 58

Survey completed October 6 *, 19* 58

INDEX DIAGRAM

Township 38 South, *Range* 9 East

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16—56770-1

2234

Chains

The west 3½ miles of the north boundary were surveyed in 1957 by Alburn D. Griffin and the east 2½ miles were surveyed in 1923 by R. C. Yundt. The notes thereof are included in the field notes of Tp. 37 S., R. 9 E.

The west boundary was surveyed concurrently by Craig P. Sylvester. The notes thereof are included in the field notes of Tp. 38 S., R. 8 E. The south boundary was surveyed concurrently by Boyd S. Owens. The notes thereof are included in the field notes of Tp. 39 S., R. 9 E.

The following notes are those of the survey of the east boundary and a portion of the subdivision of Tp. 38 S., R. 9 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approx. as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 27' 23.9" N. and longitude 110° 52' 15.1" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

The original ¼ sec. cor. of secs. 1 and 36, the ¼ sec. cor. of secs. 2 and 35, the ¼ sec. cor. of secs. 3 and 34, the ¼ sec. cor. of secs. 5 and 32, and the cor. of secs. 2, 3, 34, and 35 on the north boundary of the township have been altered to function for T. 37 S. only. The remaining corners on the north boundary, established in 1923 and 1957, are marked for maximum control but function for T. 37 S. only.

East Boundary of Tp. T38 S., R. 9 E.

Chains	
	Beginning at the cor. of Tps. 38 and 39 S., Rs. 9 and 9½ E., an iron post, 1 in. diam., set, mkd. and witnessed as described in the concurrent survey of Tp. 39 S., R. 9 E.
	North, bet. secs. 31 and 36.
	Over rolling exposed sandstone, through scattered juniper and pinon; asc. 95 ft. over S. slope.
12.00	Sandstone ridge, bears N. 60° E. and S. 60° W.; desc. 120 ft. over NW. slope.
28.10	Wash, 30 lks. wide, 2 ft. deep, drains S. 80° W.; asc. 125 ft. over S. slope.
37.60	Spur, sloping SW.; desc. 5 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R9E R9½E ¼ S36 | S31 1958
	Desc. 120 ft. over NW. slope.
55.00	Wash in Cow Canyon, 30 lks. wide, 3 ft. deep, drains S. 70° W.; asc. 170 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone and in a collar of stone, with brass cap mkd. T38S R9E R9½E S25 | S30 S36 | S31 1958
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, scattered blackbrush, mountain rush and white sage.
	North, bet. secs. 25 and 30.
	Over rolling exposed sandstone, through scattered juniper and pinon; asc. 45 ft. over S. slope.
7.10	Spur, sloping S. 60° W.; desc. 110 ft. over NW. slope.
26.90	Wash, 30 lks. wide, 2 ft. deep, drains S. 80° W.; asc. 115 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 10 ins. in solid sandstone, and in a collar of stone, with brass cap mkd.

East Boundary of Tp. 38 S., R. 9 E.

Chains	
	T38S R9E R9½E ¼ S25 | S30 1958
41.00	Top of ascent; desc. 20 ft. over N. slope.
53.00	Wash, 30 lks. wide, 3 ft. deep, drains W.; asc. 30 ft. over S. slope.
57.30	Sandstone spur, slopes S. 70° W.; continue asc. of 40 ft. over S. slope.
76.70	Top of ascent; desc. 25 ft. over N. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R9E R9½E S24 | S19 S25 | S30 1958
	Deposit sandstone, 4x4x2 ins., mkd. with a cross (X) at base of post.
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, scattered blackbrush, mountain rush and white sage.
	North, bet. secs. 19 and 24.
	Over rolling sandstone, through scattered juniper and pinon; desc. 10 ft. over N. slope.
0.70	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 140 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, and in a collar of stone, with brass cap mkd.
	T38S R9E R9½E ¼ S24 | S19 1958
	Asc. 50 ft. over S. slope.
49.30	Top of ridge, bears S. 80° E. and N. 70° W.; desc. 50 ft. over rolling sandstone.
80.00	Point for the cor. of secs. 13, 18, 19 and 24, on slight SE. sandstone slope.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, in collar of stone, with brass cap mkd.
	T38S R9E R9½E S13 | S18 S24 | S19 1958

Chains	
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	North, bet. secs. 13 and 18.
	Over rolling land, through scattered juniper and pinon; desc. 90 ft. over NE. slope.
14.00	Base of descent; asc. 75 ft. over SE. slope.
23.20	Top of ascent; ridge sloping E.; desc. 55 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins., in sandstone in mound of stone, 3 ft. base to top, with brass cap mkd. T38S R9E R9½E ¼ S13 | S18 1958
	Desc. 85 ft. over N. slope.
49.20	Base of descent; asc. 55 ft. over SE. slope.
55.70	Top of sandstone spur, slopes N. 80° E.; desc. 120 ft. over N. slope.
63.20	Wash, 20 lks. wide, 1 ft. deep, drains N. 60° E.; continue descent of 10 ft. over rolling sandstone, sloping N. 65° E.
70.60	Spur, slopes N. 70° E.; desc. 190 ft. over NE. slope.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins., in sandstone in mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R9E R9½E S12 | S 7 S13 | S18 1958
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and service berry.
	North, bet. secs. 7 and 12.
	Over general NE. slope, through scattered juniper and pinon; desc. 25 ft. over N. slope.
2.70	Wash, 30 lks. wide, 3 ft. deep, drains N. 60° E.; continue along E. slope.
21.50	Wash, 30 lks. wide, 4 ft. deep, drains N. 50° E.; desc. 165 ft. over general NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12.

East Boundary of Tp. 38 S., R. 9 E.

Chains	
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins., in sandstone, in collar of stone, with brass cap mkd.
	T38S R9E R9½E ¼ S12 | S 7 1958
	Desc. 10 ft. over rolling exposed sandstone sloping E.
54.10	Sandstone spur, slopes E.; desc. 185 ft. over N. slope.
73.80	Wash, 40 lks. wide, 3 ft. deep, drains N. 80° E.; asc. 35 ft. over SE. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R9E R9½E S 1 | S 6 S12 | S 7 1958
	Land, rolling, general NE. slope. Soil, exposed sandstone and sandy silt in pockets. Timber, scattered juniper and pinon. Undergrowth, blackbrush, service berry and mountain rush.
	North, bet. secs. 1 and 6.
	Over rolling exposed sandstone draining E., through scattered juniper and pinon; asc. 15 ft. over SE. slope.
5.80	Sandstone spur, slopes irregularly NE.; desc. 120 ft. over N. slope.
13.90	Wash, 20 lks. wide, 1 ft. deep, drains E.; asc. 80 ft. over S. slope.
17.70	Top of ascent, sandstone knob; desc. 200 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6 falls on steep N. slope; unsafe for cor.
	Desc. 120 ft. over steep N. slope.
41.70	Point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R9E R9½E ¼ S 1 | S 6 W C 1958
	Desc. 10 ft. over N. slope.
42.00	Wash, 40 lks. wide, 3 ft. deep, drains E.; asc. 150 ft. over steep S. slope.
47.80	Sandstone spur, slopes N. 80° E.; desc. 55 ft. over NE. slope.

East Boundary of Tp. 38 S., R. 9 E.

Chains	
49.70	Wash, 20 lks. wide; 3 ft. deep, drains E.; asc. 90 ft. over S. slope.
52.30	Sandstone spur, slopes N. 80° E.; desc. 55 ft. over N. slope.
63.75	Intersect the S. bdy. of Tp. 37 S., R. 9 E. at the point for the closing cor. of Tps. 38 S., Rs. 9 and 9½ E.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 9½ ins. in sandstone, brass cap mkd.
	T37S R9E S36 S 1 | S 6 C C R9E R9½E T38S 1958
	From this cor., the original ¼ sec. cor. of secs. 1 and 36, Tps. 37 and 38 S., R. 9 E. bears W., 4.00 chs. dist., an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. I alter the markings to function for T. 37 S. only.
	Land, rolling exposed sandstone sloping E. Soil, sandstone and sandy silt in pockets. Timber, scattered pinon and juniper. Undergrowth, blackbrush and mountain rush.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of Tp. 39 S., R. 9 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over broken and rolling land, through scattered cottonwood along the bottom of the canyon.
	Desc. 10 ft. over N. slope.
0.90	Wash in Cow Canyon, 40 lks. wide, 3 ft. deep, drains W.; by triangulation asc. about 620 ft. over nearly vertical ledge.
7.80	End of triangulation; N. rim of Cow Canyon, bears S. 80° E. and irregularly W.; asc. 25 ft. over SW. slope.
14.20	Sandstone spur, slopes SW. about 4.00 chs.; desc. 20 ft. over NW. slope.
17.50	S. rim of canyon, bears N. 20° E. and S. 20° W.; desc. by triangulation about 500 ft. over nearly vertical ledge and talus slope.
31.00	Wash, 30 lks. wide, 3 ft. deep, drains S. 20° W.; asc. about 380 ft. over talus slopes and nearly vertical ledges.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36 falls on an inaccessible ledge where cor. cannot be perpetuated.
	Asc. about 200 ft. over nearly vertical ledges.
44.40	End of triangulation; N. rim of canyon, bears S. 25° W. and N. 60° E.
44.50	Point selected for the witness ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, brass cap mkd.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

Chains	
	T38S R9E ¼ S35 | S36 W C 1958
	Continue over rolling exposed sandstone.
	Asc. 190 ft. over general S. slope.
73.20	Top of ascent, sandstone knob; desc. 45 ft. over N. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam.; 10 ins. in the ground to solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R9E S26 | S25 S35 | S36 1958
	Land, rolling and broken. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon with cottonwood in the canyons. Undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.
	N. 89° 58' W., bet. secs. 25 and 36.
	Over rolling exposed sandstone, general drainage SW., through scattered juniper and pinon.
	Asc. 15 ft. over SE. slope.
5.70	Sandstone spur, slopes SW.; desc. 220 ft. over SW. slope.
35.80	Wash, 30 lks. wide, 3 ft. deep, drains S. 70° W.; asc. 35 ft. over E. slope.
39.94	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 20 ins. long, 1½ ins. diam., drilled 8 ins. in sandstone, in collar of stone, with brass cap mkd.
	T38S R9E S25 ¼ S36 1958
	Asc. 65 ft. over steep E. slope.
42.00	Sandstone spur, slopes S.; desc. 65 ft. over SW. slope.
48.00	Base of descent; asc. 35 ft. over E. slope.
64.80	Sandstone spur, slopes S. 30° W.; desc. 55 ft. over W. slope.
69.60	Wash, 30 lks. wide, 4 ft. deep, drains SW.; continue descent of 15 ft. over W. slope.
77.20	Wash, 20 lks. wide, 3 ft. deep, drains S. 10° E.; asc. 30 ft. over E. slope.

Chains	
79.88	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.

From the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, from which its witness cor. bears S. 89° 59' E., 1.70 chs. dist., an iron post, 1 in. diam., set, mkd. and witnessed as described in the concurrent survey of Tp. 39 S., R. 9 E.

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling exposed sandstone, through scattered juniper and pinon.

Asc. 255 ft. over S. slope.

31.20 Top of ascent; desc. 25 ft. over N. slope.

39.00 Point selected for the witness ¼ sec. cor. of secs. 32 and 33.

Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandston brass cap mkd.

T38S R9E
¼
W C
S32 | S33
1958

39.10 S. rim of Stevens Canyon, bears NE. and SW.; by triangulation desc. about 200 ft. over nearly vertical ledge.

40.00 True point for the ¼ sec. cor. of secs. 32 and 33 falls on an inaccessible N. slope of ledge where cor. cannot be perpetuated.

Desc. about 600 ft. over broken ledges sloping N.

48.30 Wash in Stevens Canyon, 40 lks. wide, 4 ft. deep, drains W.; asc. about 320 ft. over broken ledges sloping SE.

66.50 Top of ascent; desc. about 160 ft. over broken ledges sloping NE.

74.00 Wash, 30 lks. wide, 3 ft. deep, drains SE.; asc. about 120 ft. over broken ledges sloping SW.

80.00 End of triangulation.

Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38S R9E
S29 | S28
S32 | S33
1958

Land, rolling and broken.
Soil, sandstone and sandy silt.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush and mountain rush.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

Chains	
	N. 0° 03' W., bet. secs. 28 and 29.
	Over broken land, through scattered juniper and pinon; asc. 210 ft. over SW. slope.
11.20	Top of ascent on W. slope; desc. 160 ft. over NW. slope by triangulation.
21.50	Wash, 30 lks. wide, 3 ft. deep, drains S. 20° W.; asc. about 520 ft. over ledges facing SE.
40.00	Point for the ¼ sec. cor. of secs. 28 and 29 falls on inaccessible ledge where cor. cannot be perpetuated.
	Asc. about 160 ft. over ledges facing SE.
46.70	N. rim of Stevens Canyon, bears NE. and SW.
46.80	Point selected for the witness ¼ sec. cor. of secs. 28 and 29.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 6 ins. in sandstone, in mound of stone, 2½ ft. base to top, with brass cap mkd.
	T38S R9E ¼ S29 | S28 W C 1958
	Asc. 130 ft. over S. slope.
56.50	Sandstone spur, slopes S. 10° E.; desc. 50 ft. over NW. slope.
68.00	Wash, 1.50 chs. wide, 4 ft. deep, drains SE.
77.90	Wash, 20 lks. wide, 3 ft. deep, drains S. 50° W.; asc. 45 ft. over SE. slope.
80.00	Point for the cor. of secs. 20, 21, 28 and 29.
	Set an iron post, 36 ins. long, 1 in. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 5 ft. base to top, with brass cap mkd.
	T38S R9E S20 | S21 S29 | S28 1958
	Land, broken. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.
	N. 0° 03' W., bet. secs. 20 and 21.
	Over rolling exposed sandstone, through scattered juniper and pinon; asc. 100 ft. over S. slope.
10.40	Sandstone spur, slopes S. 30° E.; desc. 40 ft. over NW. slope.
19.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 10° W.; asc. 205 ft. over SW. slope.
38.00	S. side of rolling mesa, bears irregularly E. and W.
40.00	Point for the ¼ sec. cor. of secs. 20 and 21.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R9E ¼ S20 | S21 1958 Asc. 20 ft. over S. slope.
47.80	Mesa top, bears E. and W.; desc. 70 ft. over NW. slope.
54.00	Wash, 20 lks. wide, 2 ft. deep, drains S. 70° W.; asc. 35 ft. over S. slope.
65.00	Small ridge, slopes S. 80° W.; desc. 105 ft. over NW. slope.
75.40	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 30 ft. over S. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone in collar of stone, with brass cap mkd. T38S R9E S17 | S16 S20 | S21 1958 Land, rolling and broken. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush, service berry and silverleaf.
	N. 0° 03' W., bet. secs. 16 and 17. Over rolling exposed sandstone, through scattered juniper and pinon; asc. 275 ft. over S. slope.
27.80	Ridge, slopes S. 80° W.; desc. 70 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9E ¼ S17 | S16 1958
45.00	W. rim of Stevens Canyon, bears SE. and N. 10° W.; by triangulation desc. 140 ft. along W. rim of Stevens Canyon.
78.70	End of triangulation; sandstone spur projects SE.
78.80	Point selected for the witness cor. of secs. 8, 9, 16 and 17. Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone in collar of stone, with brass cap mkd. T38S R9E W C S 8 | S 9 S17 | S16 1958

Chains	
	Desc. about 170 ft. over ledges facing N.
80.00	Point for the cor. of secs. 8, 9, 16 and 17 falls on inaccessible ledge where cor. cannot be perpetuated.
	Land, rolling and broken. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and service berry.
	N. 0° 03' W., bet. secs. 8 and 9.
	Over broken land in Stevens Canyon, through scattered juniper and pinon; desc. about 420 ft. over ledges sloping NE.
34.50	Wash in Stevens Canyon, 40 lks. wide, 4 ft. deep, drains SE.; asc. 140 ft. over ledges facing SW.
40.00	End of triangulation.
	Point for the ¼ sec. cor. of secs. 8 and 9.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 7 ins. in sandstone, brass cap mkd. T38S R9E ¼ S 8 | S 9 1958
	Asc. 95 ft. along W. slope.
66.00	Top of ascent; desc. 115 ft. over NW. slope.
74.10	Wash, 50 lks. wide, 4 ft. deep, drains W.; asc. 140 ft. over SW. slope.
80.00	Point for the cor. of secs. 4, 5, 8 and 9.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, in mound of stone, 3 ft. base to top, with brass cap mkd. T38S R9E S 5 | S 4 S 8 | S 9 1958
	Land, broken. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and service berry.
	N. 0° 03' W., bet. secs. 4 and 5.
	Over broken land, along W. slope of canyon, through scattered juniper and pinon; asc. 30 ft. over SW. slope.
8.00	Top of ascent; desc. 115 ft. over NW. slope.
20.20	Wash, 30 lks. wide, 3 ft. deep, drains W.; asc. 105 ft. over SW. slope.
29.00	Sandstone spur, slopes W.; desc. 160 ft. over NW. slope.
33.00	Wash, 40 lks. wide, 4 ft. deep, drains S. 70° W.; asc. 80 ft. over S. slope.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 4 and 5 falls on inaccessible S. sandstone slope where cor. cannot be perpetuated.
	Asc. 50 ft. over S. slope.
41.60	Point selected for the witness ¼ sec. cor. of secs. 4 and 5.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandston brass cap mkd.

T38S R9E
¼
S 5 | S 4
W C
1958

Asc. 280 ft. over S. slope.

55.00	Spur, slopes S. 60° W.; desc. 145 ft. over NW. slope.
63.02	Intersect the S. bdy. of Tp. 37 S., R. 9 E. at the point for the closing cor. of secs. 4 and 5.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R9E
S32
S 5 | S 4
C C
T38S R9E
1958

From this closing cor., the true point for the ¼ sec. cor. of secs. 5 and 32, T. 37 S., R. 9 E., bears S. 89° 45' W., 3.73 chs. dist. from which its witness cor. bears N. 89° 45' E., 10.00 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. I alter the markings to function for Tp. 37 S. only.

Land, broken.
Soil, exposed sandstone and sandy silt.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush, mountain rush and service berry.

The point for the cor. of secs. 1 and 2 is on the S. bdy. of Tp. 37 S., R. 9 E., and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R9E
S35
S 2 | S 1
T38S
1958

From this cor., the original ¼ sec. cor. of secs. 2 and 35, Tps. 37 and 38 S., R. 9 E. bears W., 3.93 chs. dist., an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. I alter the markings to function for Tp. 37 S. only.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

Chains	
	The point for the cor. of secs. 2 and 3 is on the S. bdy. of Tp. 37 S., R. 9 E. and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R9E S34 S 3 | S 2 T38S R9E 1958 From this cor., the original ¼ sec. cor. of secs. 3 and 34, Tps. 37 and 38 S., R. 9 E., bears W., 3.86 chs. dist., an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. I alter the markings to function for Tp. 37 S. only.
	The point for the ¼ sec. cor. of sec. 2 is on the S. bdy. of Tp. 37 S., R. 9 E. and at midpoint on the N. bdy. of sec. 2. Set an iron post, 30 ins. long, 2½ ins.diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. ¼ S 2 T38S R9E 1958 From this ¼ sec. cor., the cor. of secs. 2, 3, 34 and 35, Tps. 37 and 38 S., R. 9 E., bears W., 3.89 chs. dist., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. I alter the markings to function for Tp. 37 S. only.
	From the cor. of secs. 2 and 3 on the N. bdy. of the township, previously described. S. 0° 01' E., bet. secs. 2 and 3. Over rolling sandstone and sand dunes, through scattered juniper and pinon; asc. 115 ft. over general N. slope.
23.73	Point for the ¼ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4½ ft. base to top, with brass cap mkd. T38S R9E ¼ S 3 | S 2 1958 Asc. 55 ft. over N. slope.
27.00	Ridge, slopes E. and W.; desc. 170 ft. over S. slope.
63.73	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T38S R9E S 3 | S 2 S10 | S11 1958 Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, bunch grass, blackbrush and mountain rush.
	East, bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 4, 5, 8 and 9 as specified in the special instructions. ~~Over gently rolling land, through scattered juniper and pinon.~~
18.80	Begin descent of 150 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 20 ins. long, 4 in. diam., drilled 8 ins., in sandstone in collar of stone, with brass cap mkd. T38S R9E ¼ S 2 S11 1958 Desc. 445 ft. over E. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 20 ins. long, 4 in. diam., drilled 8 ins., in sandstone brass cap mkd. T38S R9E S 2 | S 1 S11 | S12 1958 Land, rolling E. slope. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 1, 2, 11 and 12, previously described. N. 0° 06' W., bet. secs. 1 and 2. Over rolling land draining E., through scattered juniper and pinon; desc. 200 ft. over NE. slope.
15.10	Wash, 50 lks. wide, 4 ft. deep, drains N. 60° E.; asc. 100 ft. over S. slope.
22.60	Sandstone ridge, slopes irregularly NE.; desc. 75 ft. over N. slope.
30.00	Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 55 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2. Set an iron post, 20 ins. long, 4 in. diam., drilled 7 ins., in sandstone in collar of stone, with brass cap mkd.

Portion of the Subdivision, Tp. 38 S., R. 9 E.

Chains	
	T38S R9E S 2 | S 1 1958
	Asc. 15 ft. over S. slope.
42.10	Top of ascent; desc. 64 ft. over NW. slope.
44.50	Wash, 30 lks. wide, 4 ft. deep, drains S. 30° E.; asc. 205 ft. over SE. slope.
63.79	The cor. of secs. 1 and 2 on the N. bdy. of the township.
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 16, 17, 20 and 21.
	S. 89° 59' E., bet. secs. 16 and 21.
	Over rolling exposed sandstone, through scattered juniper and pinon; desc. 10 ft. over SE. slope.
1.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 60° W.; asc. 70 ft. over W. slope.
4.75	Top of sandstone knob; asc. 65 ft. over SW. slope.
13.40	Top of ascent; desc. 170 ft. over E. slope.
36.70	Point selected for the witness ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 1 in. diam., 15 ins. long, drilled 9 ins. in sandstone, and in a collar of stone, with brass cap mkd.
	T38S R9E W S16 ¼ C S21 1958
36.80	W. rim of Stevens Canyon, bears S. 60° E. and NW.; desc. about 200 ft. over nearly vertical ledge by triangulation.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21 falls on an inaccessible ledge where cor. cannot be perpetuated.
	Desc. about 350 ft. over broken ledges and NE. sloping sandstone.
80.00	End of triangulation.
	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R9E S16 | S15 S21 | S22 1958

Chains	
	Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and service berry.
	N. 0° 02' W., bet. secs. 15 and 16. Over broken exposed sandstone, through scattered juniper and pinon. By triangulation desc. about 160 ft. over broken ledges facing E.
5.20	Wash in Stevens Canyon, 60 lks. wide, 3 ft. deep, drains S. 70° E.; asc. about 280 ft. over SW. sloping broken ledges.
27.90	End of triangulation; top of ascent on W. slope; desc. 60 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9E ¼ S16 | S15 1958 By triangulation desc. about 80 ft. over NW. slope.
44.00	Wash, 30 lks. wide, 3 ft. deep, drains S. 20° W.; asc. about 440 ft. over S. slope and broken ledges.
71.00	Base of nearly vertical ledge; asc. about 240 ft.
73.40	End of triangulation; S. rim of canyon, bears N. 60° E. and S. 60° W. asc. 30 ft. over broken S. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9E S 9 | S10 S16 | S15 1958 Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	N. 89° 54' W., bet. secs. 9 and 16. Over broken exposed sandstone, through scattered juniper and pinon; asc. 20 ft. over SW. slope.
2.10	Top of ascent on S. slope; desc. 90 ft. over broken W. slope.
20.10	E. rim of canyon, bears irregularly N. and S.; by triangulation desc. about 540 ft. over ledges and rolling W. slope.

Chains	
39.94	End of triangulation.
	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R9E ¼ S 9 / S16 1958
	By triangulation desc. about 240 ft. over W. slope.
55.00	Wash in Stevens Canyon, 50 lks. wide, 3 ft. deep, drains S.; asc. about 560 ft. over broken ledges facing E.
79.88	The true point for the cor. of secs. 8, 9, 16 and 17.
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush and mountain rush.
	From the true point for the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, from which its witness cor. bears N. 89° 59' W., 7.90 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of Tp. 39 S., R. 9 E. N. 0° 03' W., bet. secs. 31 and 32. Over broken land, through scattered juniper and pinon; by triangulation asc. about 560 ft. over ledges facing SE
20.50	End of triangulation; N. rim of Stevens Canyon, bears NE. and SW.; asc. 50 ft. over rolling S. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R9E ¼ S31 | S32 1958
	Asc. 60 ft. over gradual S. slope.
62.30	Top of ascent; desc. 30 ft. over N. slope.
70.00	Point selected for the witness cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R9E W C S30 | S29 S31 | S32 1958
70.10	S. rim of canyon, bears NE. and SW.; desc. abruptly 400 ft. over ledges facing NW.

Chains	
80.00	True point for the cor. of secs. 29, 30, 31 and 32 falls on an inaccessible NW. slope where cor. cannot be perpetuated. Land, broken and rolling. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.
	From the cor. of secs. 28, 29, 32 and 33. N. 89° 54' W., bet. secs. 29 and 32. Over broken land, through scattered juniper and pinon; by triangulati desc. about 120 ft. over W. slope.
4.50	Wash, 40 lks. wide, 3 ft. deep, drains SE.; asc. about 480 ft. over ledges facing NE.
13.20	Narrow butte, extends SE. for 18.00 chs., thence NW. for 80 lks.; desc. abruptly about 240 ft. over W. slope.
24.00	Wash, 20 lks. wide, 2 ft. deep, drains S. 10° E.; asc. about 480 ft. over ledges facing E.
37.50	End of triangulation; W. rim of Stevens Canyon, bears NE. and SW.; asc. 40 ft. over SE. slope.
40.01	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R9E ¼ S29/S32 1958
48.80	Desc. 440 ft. over broken ledges facing NW.
80.02	The true point for the cor. of secs. 29, 30, 31 and 32. Land, broken. Soil, exposed sandstone and sandy. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and silverleaf.

GENERAL DESCRIPTION

The land within this township is badly broken. The elevation vari from 6100 ft. above sea level to 4100 ft. Stevens Canyon drains the township southwesterly into the Escalante River, with the exception of the northeast corner which drains easterly into Halls Creek, which drains southerly to the Colorado River. The soil is composed of distorted sandstone and sand of a few inches in depth. The timber is composed of scrub juniper, pinon and oak of no commercial value.

Principal users of the area are cattlemen and access into the township is provided by stock trails. No mineral formations of consequence were noted during the survey.

Access to the survey lines was provided by helicopters.

4-980
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman
Wallace R. Ott	Axeman

16—53365-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, i

pursuance of special instructions bearing date of the 17th day of September, 19

I have surveyed the east boundary and a portion of the subdivision of Township 38

South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which ar

represented in the foregoing field notes as having been executed by me and under my direction; and tha

said survey has been made in strict conformity with said instructions, the Manual of Instructions for th

Survey of the Public Lands of the United States, and in the specific manner described in the foregoin

field notes.

May 18, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland, Cartographic Survey A

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., 19....

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1959 I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 9 East

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.

May 18, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 38 South, Range 9 East, Salt Lake Meridian, Utah

executed by Lacel E. Bland, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Acting *Cadastral Engineering Staff Officer.*

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.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE DEPENDENT RESURVEY OF

PORTIONS OF THE NORTH AND WEST BOUNDARIES

AND

THE SURVEY OF

A PORTION OF THE SOUTH AND WEST BOUNDARIES

AND SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 10 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cartographic Survey Aid

Under special instructions dated September 17 *, 1957, which provided*

for the surveys included under Group No. 410 *, approved* October 2, 1957

and assignment instructions dated September 16 *, 1957*

Survey commenced September 19 *, 1957*

Survey completed October 4 *, 19 57*

U. S. GOVERNMENT PRINTING OFFICE 16—66770-1

2005

INDEX DIAGRAM

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16—56770-1

2205

Chains

The north and east boundaries and portions of the west and south boundaries, and the subdivision were originally surveyed by E. Bird and R. C. Yundt in 1923.

The following field notes are those of the resurvey of a portion of the north boundary, the survey of portions of the south and west boundaries and the subdivision, and establishment of new corners on a portion of the west boundary of T. 38 S., R. 10 E.

The survey was executed with a W. and L.E. Gurley transit, serial number 541325, equipped with improved telescopic solar attachment, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition prior to the survey and was maintained in proper adjustment throughout the survey.

The directions of all lines of the survey were determined by sustained angulation carried forward from observations upon the sun and Polaris.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true methods, but for simplification of the record, the random lines are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners established were calculated to be at the positions they would occupy if the entire township were subdivided. A diligent search was made for the original corners and the rules of proportionate measurement were applied in restoring a portion of the north boundary.

Measurements were made with a steel tape, 8 chs. in length, graduated every link for the first 100 lks. and thereafter at intervals of 10 links. The tapes were tested by comparison with a 1 ch. standard steel tape and found to be correct. Measurements were made on the slope, the vertical angle of each interval was ascertained by clinometers maintained in good adjustment; the horizontal equivalents only are entered in the field note record. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible to chaining were run by traverse or triangulation. The details of such traverses or triangulations have been thoroughly verified, and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The geographic position of the SE. cor. of the township is latitude 37° 27' 12.8" N. and longitude 110° 45' 13.6" W., as determined by traverse from U.S.G.S. triangulation station "Pine" and checked by closure against other triangulation stations within the area.

Mean magnetic declination within the township was found to be 15° 00' E.

Dependent Resurvey of a Portion of the N. Bdy., T. 38 S., R. 10 E.

Reestablishment of surveys executed by
E. Bird and R. C. Yundt in 1923

Note: The topography as given in the field notes of the original survey is correct, and is omitted from this record.

Beginning at the true point for the ¼ sec. cor. of secs. 3 and 34 on the N. bdy. of the township, from which its witness cor. bears N., 3.12 chs. dist., an iron post, 1 in. diam., conforming to the record of the 1923 survey.

N. 89° 58' W., bet. secs. 3 and 34.

Chains

39.32 Point selected for the witness cor. of secs. 3, 4, 33 and 34. A diligent search was made for original witness cor. at its record position. There is no remaining evidence of the original witness cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R10E
W S33 | S34
C S 4 | S 3
T38S
1957

40.16 True point for the cor. of secs. 3, 4, 33 and 34, at proportionate dist., falls in a wash, course S.

Land, broken.
Soil, shallow sand.
Timber, none.

N. 89° 58' W., bet. secs. 4 and 33.

40.16 The ¼ sec. cor. of secs. 4 and 33, an iron post, 1 in. diam., conforming to the record of the 1923 survey.

Survey of a Portion of the S. Bdy., T. 38 S., R. 10 E.

Note: The cors. along the S. bdy. of secs. 34, 35, and 36 are no longer corners of maximum control and markings have been changed to refer to cors. of T. 38 S., R. 10 E. only.

Beginning at the cor. originally set for secs. 3, 4, 33 and 34 on the S. bdy., now altered to refer to cors. of secs. 33 and 34 only.

West, on the S. bdy. of sec. 33.

Over rough, broken E. face of the Water Pocket Fold. Asc. about 700 ft. over steep sandstone surface.

39.69 Point selected for the witness ¼ sec. cor. of sec. 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38S R10E
W ¼ S33
C T38½S
1957

40.00 Point for the ¼ sec. cor. of sec. 33 falls in sandstone surface, where the cor. cannot be monumented.

Asc. 230 ft. over broken SE. slope.

80.00 Point for the cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Chains	
	T38S R10E S32 | S33 T38½S 1957 Land, broken E. slope of the Water Pocket Fold. Soil, shallow sand and sandstone surface. Timber, thinly scattered scrub juniper.
	West, on the S. bdy. of sec. 32. Over broken top of the Water Pocket Fold, through scattering timber; asc. 40 ft. over SE. slope.
3.00	Top of Water Pocket Fold, a ridge bearing N. 10° W. and S. 10° E.; desc. 160 ft. over W. slope.
40.00	Point for the ¼ sec. cor. of sec. 32. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E ¼ S32 T38½S 1957 Desc. 20 ft. over rolling W. slope.
80.00	Point for the cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E S31 | S32 T38½S 1957 Land, rolling. Soil, shallow sand and sandstone surface. Timber, thinly scattered scrub juniper.
	West, on the S. bdy. of sec. 31. Over rolling land, through thinly scattered timber; desc. 110 ft. over W. slope.
24.50	Navajo Creek in Long Canyon, course S. from NW.; asc. 90 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of sec. 31. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E ¼ S31 T38½S 1957 Asc. 60 ft. over SE. slope.

Survey of a Portion of the S. Bdy., T. 38 S., R. 10 E.

Chains	
53.50	Sandstone spur, slopes SW.; thence over rolling land.
78.28	Point for the cor. of Ts. 38 S., Rs. 9½ and 10 E., at a southing of 320.73 chs. from the cor. originally set to function as the cor. of secs. 7, 12, 13 and 18, T. 38 S., Rs. 9 and 10 E. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9½E R10E S36|S31 1957 Land, rolling. Soil, shallow sand and exposed sandstone. Timber, thinly scattered scrub juniper.

Survey of a Portion of the W. Bdy., T. 38 S., R. 10 E.

	Beginning at the cor. of Ts. 38 S., Rs. 9½ and 10 E. North, bet. secs. 31 and 36. Over rolling exposed sandstone, through thinly scattered timber.
39.70	Point selected for the witness ¼ sec. cor. of secs. 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9½E R10E ¼ W C S36↑S31 1957
40.00	Point for the ¼ sec. cor. of secs. 31 and 36 falls on steep S. sandstone face, where the cor. cannot be monumented. Asc. 90 ft. along SW. slope.
56.70	Top of ascent, bears E. and W.; thence over rolling land.
80.00	Point for the cor. of secs. 25, 30, 31 and 36 falls in wash, 20 lks. wide, 1 ft. deep, course SW., where the cor. cannot be perpetuated. Land, rolling. Soil, exposed sandstone, with shallow sand in holes. Timber, thinly scattered scrub juniper.
	North, bet. secs. 25 and 30. Over rolling land.
0.60	Point selected for the witness cor. of secs. 25, 30, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Survey of a Portion of the W. Bdy., T. 38 S., R. 10 E.

Chains	
	T38S R9½E R10E S25 | S30 S36 | S31 W C 1957
	Thence along W. slope.
29.00	Wash, the head of Cow Canyon, course SW.; asc. S. slope.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R9½E R10E ¼ S25 | S30 1957
	Continue ascent of S. slope.
43.90	Ridge, bears NE. and SW.; thence over broken sandstone surface, draining SW.
78.90	Wash, 20 lks. wide, 2 ft. deep, course SW.; asc. 10 ft.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R9½E R10E S24 | S19 S25 | S30 1957
	Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, scattering scrub juniper.
	North, bet. secs. 19 and 24.
	Over broken land, through scattered timber, asc. 160 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R9½E R10E ¼ S24 | S19 1957
	Asc. 10 ft. over S. slope.

Chains

41.90 Top of ascent on the Water Pocket Fold, bears NW. and SE.; desc. 190 ft. over broken sandstone surface.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38S
R9½E R10E
S13|S18
S24|S19
1957

Land, broken top of Water Pocket Fold.
Soil, shallow sand and exposed sandstone.
Timber, scattered scrub juniper.

North, bet. secs. 13 and 18.

Over broken top of the Water Pocket Fold; desc. 160 ft. over irregul sandstone surface.

40.00 Point for the ¼ sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38S
R9½E R10E
¼
S13|S18
1957

40.11 S. rim of a deep gulch, bears E. and W.; beginning of a series of triangulations. Topography approx. as scaled from U.S.G.S. topographical maps.

43.00 Gulch, drains steeply to E.; thence over rough sandstone formations on E. face of the Water Pocket Fold.

80.00 Point for the cor. of secs. 12 and 13, T. 38 S., R. 9½ E.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38S
R9½E R10E
S12|
S13|
1957

80.73 The cor. originally set for the cor. of secs. 7, 12, 13 and 18, an iron post, 1 in. diam., conforming to the record of the 1923 survey. I alter the marks on the iron post to conform with its function as the cor. of secs. 7 and 18, only.

Land, rough E. face of the Water Pocket Fold.
Soil, shallow sand and exposed sandstone.
Timber, a few scattered scrub juniper.

Dependent Resurvey of a Portion of the W. Bdy., T. 38 S., R. 10 E. with Establishment of new cors. pertaining to T. 38 S., R. 9½ E.

Chains	
	The topography as given in the field notes of the original survey is substantially correct, and is omitted from these field notes.
	From the cor. of secs. 7 and 18, T. 38 S., R. 10 E.
	North, on the W. bdy. of sec. 7.
39.27	Point for the ¼ sec. cor. of sec. 12, T. 38 S., R. 9½ E.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R9½E R10E ¼ S12 | 1957
40.00	The cor. originally set as the ¼ sec. cor. of secs. 7 and 12, an iron post, 1 in. diam., conforming to the record. As this cor. now functions as the ¼ sec. cor. of sec. 7, T. 38 S., R. 10 E., I alter the marks on the iron post to refer to sec. 7 only.
78.90	Point selected for the witness cor. of secs. 1 and 12, T. 38 S., R. 9½ E.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R9½E R10E W C S 1 | S12 | 1957
79.27	True point for the cor. of secs. 1 and 12, T. 38 S., R. 9½ E. falls on tilted sandstone surface, where the cor. cannot be monumented.
80.00	The cor. originally set as the cor. of secs. 1, 6, 7 and 12, an iron post, 1 in. diam., conforming to the record. As this cor. now functions as the cor. of secs. 6 and 7, T. 38 S., R. 10 E., I alter the marks on the iron post, to refer to secs. 6 and 7 only.
	North, on the W. bdy. of sec. 6.
39.27	Point for the ¼ sec. cor. of sec. 1, T. 38 S., R. 9½ E.
	Set an iron post, 14 ins. long, 2½ ins. diam., 6 ins. in a drill hole in sandstone, and in a mound of stone, 2 ft. base to top, with brass cap mkd. T38S R9½E R10E ¼ S 1 | 1957
40.00	The cor. originally set to function as the ¼ sec. cor. of sec. 1 and 6, an iron post, 1 in. diam., conforming to the record. As this cor. now functions as the ¼ sec. cor. of sec. 6, T. 38 S., R. 10 E., I alter the marks on the iron post to refer to sec. 6 only.

Chains	
80.00	The cor. originally set as the cor. of Ts. 37 and 38 S., Rs. 9 and 10 E., an iron post, 1 in. diam., conforming to the record. I add the marks "R9½E" to the SW. quadrant on the brass cap.
	Portion of the Subdivision, T. 38 S., R. 10 E.
	From the cor. of secs. 32 and 33 on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling top of the Water Pocket Fold, through scattered timber.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S ¼ S32 | S33 1957
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
S	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E S29 | S28 S32 | S33 1957
	Land, rolling. Soil, shallow sand and exposed sandstone. Timber, scattered scrub juniper.
	From the cor. of secs. 31 and 32 on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over rolling top of the Water Pocket Fold, through scattered timber.
16.20	Wash, 50 lks. wide, 2 ft. deep, course SW.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E ¼ S31 | S32 1957
52.60	Wash, 30 lks. wide, 2 ft. deep, course SW.
72.00	Navajo Creek in Long Canyon, drains S. 20° W.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E S30 | S29 S31 | S32 1957 Land, rolling. Soil, shallow sand and considerable exposed sandstone. Timber, scattered scrub juniper.
	From the cor. of secs. 28, 29, 32 and 33. N. 89° 59' W., bet. secs. 29 and 32. Over rolling top of the Water Pocket Fold, through scattered timber.
40.02	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R10E ¼ S29 S32 1957
76.50	Navajo Creek in Long Canyon, drains S. 20° W.
80.04	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, shallow sand and exposed sandstone. Timber, scattered scrub juniper.

GENERAL DESCRIPTION

The SW. portion of T. 38 S., R. 10 E., surveyed at this time, is comprised of the top and E. face of the Water Pocket Fold. The Fold is approximately 2000 ft. in height and is very spectacular in its ruggedness, being composed of irregular sandstone formations and ribs breaking steeply to the E. This survey would have been impossible without utilizing helicopters to provide access to the remote portions of the township.

The soil consists of shallow sand and much exposed sandstone. Grasses and minor vegetation was sparsely located in shallow holes. Timber consists of scattered scrub pinion and a few isolated pinions.

No permanent sources of water were noted during the survey.

No use of the land showed evidence of cattle or sheep grazing, and may well be inaccessible to stock.

Chains

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel E. Bland	Principal Assistant
LaVern Griffin	Chainman
Gerald O. Barney	Flagman
Andrew M. Nelson	Axeman
John F. Chidester, Jr.	Cornerman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ resurveyed a portion of the north boundary, surveyed a portion of the south and west boundaries and the subdivision, and established new corners on a portion of the west boundary, Township 38 South, Range 10 East

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.

January 31, 1958

Salt Lake City, Utah

Boyd S Owens

Boyd S. Owens - Cartographic Survey Ai

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., *19*....

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 19[illegible] I have ~~surveyed~~ supervised the resurvey of a portion of the north boundary, the survey of a portion of the south and west boundaries and the subdivision, and the establishment of new corners on a portion of the west boundary, Township 38 South, Range 10 East

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 supervision~~ under my supervision; 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.

January 31, 1958

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 8 1958, *19*

The foregoing field notes of the ~~survey of~~ resurvey of a portion of the north boundary, the survey of a portion of the south and west boundaries and subdivision, and the establishment of new corners on a portion of the west boundary, Township 38 South, Range 10 East, Salt Lake Meridian, Utah

executed by Boyd S. Owens, Cartographic Survey Aid, under the supervision of Vern E. Lane, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

Earl G. Harrington

Cadastral Engineering Staff Officer.

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.

_____

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53865-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE SOUTH, EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

INCLUDING MEANDERS OF THE COLORADO RIVER

THROUGH SECTIONS 2 and 32

OF

TOWNSHIP 38 SOUTH, RANGE 11 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Craig P. Sylvester - Cartographic Survey Aid

Under special instructions dated August 27, *19* 56, *which provided for the surveys included under Group No.* 404, *approved* November 7, 1956 *and assignment instructions dated* July 30, *19* 57.

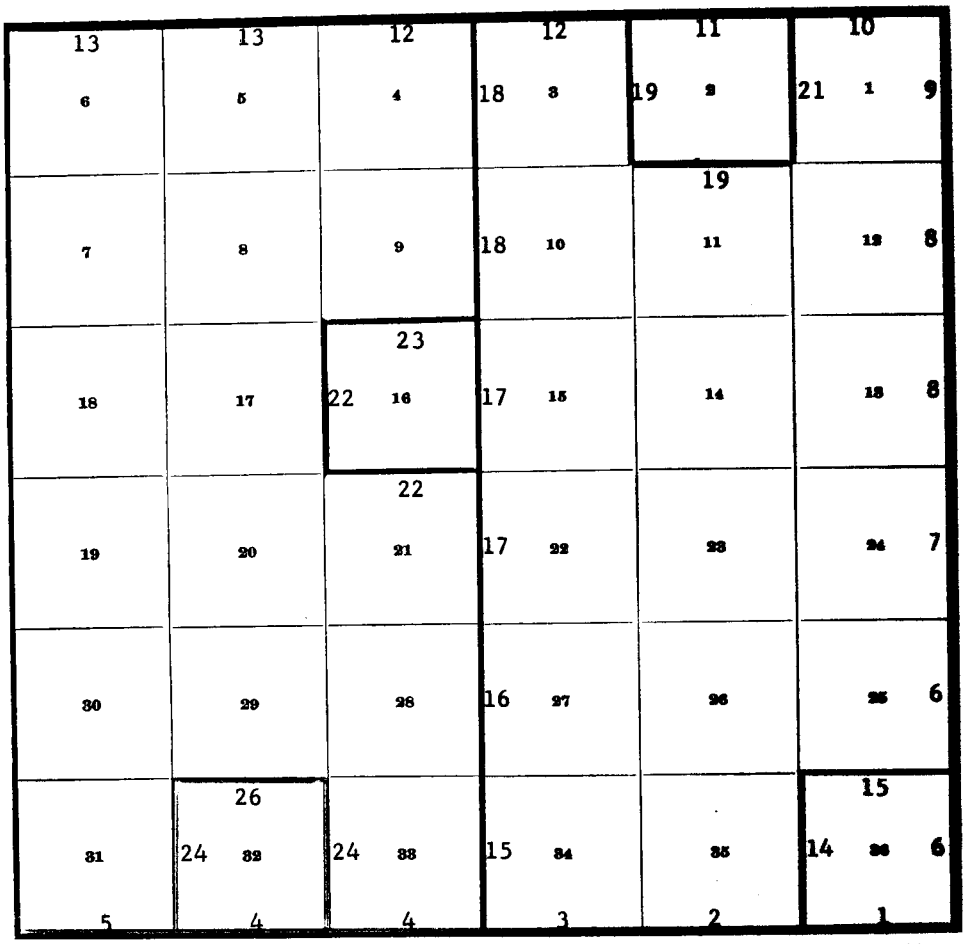
Survey commenced August 26, *19* 57.

Survey completed September 24, *19* 57.

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 38 South, *Range* 11 East



16—55770-1

Fred R. Chappell _____

Craig P. Sylvester _____

Township 38 South, Range 11 East

Chains

The west boundary of T. 38 S., R. 11 E. of the Salt Lake Meridian, Utah was surveyed by Elliot Bird and Robert C. Yundt in 1923, and is described in the field notes of the survey of T. 38 S., R. 10 E. The following field notes are those of a survey of the south, east and north boundaries and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered State school land, and to facilitate the development of the natural resources.

The survey was executed with W. and L.E. Gurley transits, serial numbers 461263 and 541327, both being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. The horizontal verniers of transit No. 541327 are graduated to 30 seconds of arc. All other verniers of the transits and solar attachments are graduated to single minutes of arc. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The corners along the latitudinal lines were established at the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The direction of the lines of the survey were determined by altitude observations on the sun and by the solar transit method. The measurements were made with steel ribbon tapes, 8 chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of 10 links. They were tested by comparison with a Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by offsets and traverses. The details of these were thoroughly verified and only the true line distances returned in the notes.

The geographic position of the SE. corner of the township, determined through ties made to U.S. Geological Survey station "Road", in T. 39 S., R. 13 E., is as follows: Latitude 37° 27' 12.8" N. and longitude 110° 38' 12.1" W. The mean magnetic declination was found to be 15° E.

South Boundary of T. 38 S., R. 11 E.

Beginning at the corner of Ts. 38 and 38½ S., R. 11 E., marked by an iron post, 2½ ins. diam., described in the field notes of the survey of T. 38½ S., R. 11 E.

West, bet. secs. 25 and 36.

Over broken desert land, through medium undergrowth; asc. 70 ft. over a SE. slope of sandstone slickrock.

29.00 E. edge of black brush covered bench; desc. 15 ft. over a gentle W. slope.

40.00 Point for the ¼ sec. cor. of secs. 25 and 36.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R11E ¼ S36/S25 T38½S 1957
	Deposit charcoal at the base of the post.
	Desc. 20 ft.
50.00	Draw, drains S. 20° W.; asc. 15 ft.
59.90	Sand rise, bears S. 20° W. and N. 20° E.; desc. 50 ft. over a W. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R11E S35 | S36 S26 | S25 T38½S 1957
	Deposit charcoal at the base of the post.
	Land, broken in E. 30.00 chs., nearly level bench land in W. Soil, sandstone slickrock and sand. Timber, none; undergrowth, medium black brush, grass and weeds.
	West, bet. secs. 26 and 35.
	Over desert bench land, through medium undergrowth; desc. 60 ft. over a SW. slope.
14.30	Wash, 30 lks. wide, 2 ft. deep, drains SW.
40.00	Point for the ¼ sec. cor. of secs. 26 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R11E ¼ S35/S26 T38½S 1957
42.80	Old Mormon Trail, bears NW. and SE.
57.80	Wash, 20 lks. wide, 1 ft. deep, drains SW.; asc. 15 ft.
63.40	Spur, projects SW., 3.00 chs. to end.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

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Chains

T38S R11E
S34 | S35
S27 | S26
T38½S
1957

Deposit a sandstone, 3x3x3 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert.
Soil, sandy loam.
Timber, none; undergrowth, medium sagebrush, black brush, mountain rush, shadscale.

West, bet. secs. 27 and 34.

Over rolling desert land, through medium undergrowth; asc. 30 ft. over a SE. slope.

28.30 Spur, projects SW.

40.00 Point for the ¼ sec. cor. of secs. 27 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38S R11E
¼ S34
S27
T38½S
1957

Deposit charcoal at the base of the post.

Desc. 25 ft. over a gentle W. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T38S R11E
S33 | S34
S28 | S27
T38½S
1957

Deposit a sandstone, 4x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, nearly level desert.
Soil, sandy loam.
Timber, none; undergrowth, black brush, sagebrush, mountain rush and grass.

West, bet. secs. 28 and 33.

Over gently rolling desert bench land, through medium undergrowth.

40.00 Point for the ¼ sec. cor. of secs. 28 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Chains	
	T38S R11E ¼ S33/S28 T38½S 1957
	Deposit charcoal at the base of the post.
48.00	Point of sand spur, projecting from the N.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T38S R11E S32|S33 S29|S28 T38½S 1957
	Deposit charcoal at the base of the post.
	Land, gently rolling bench land. Soil, sandy loam. Timber, none; undergrowth, medium black brush, sagebrush, mountain rush and weeds.
	West, bet. secs. 29 and 32.
	Over gently rolling desert bench land, through medium undergrowth.
40.00	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T38S R11E ¼ S32/S29 T38½S 1957
	Deposit charcoal at the base of the post.
45.40	W. edge of bench land, bears N. and S.; desc. 75 ft. over a broken W. sandstone slope.
67.30	Head of draw, draining N.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R11E S31|S32 S30|S29 T38½S 1957
	Land, gently rolling the E. 45.00 chs., broken in W. Soil, sand the E. 45.00 chs., sandstone slickrock in W. Timber, none; undergrowth, medium black brush, sagebrush and grass.

South Boundary of T. 38 S., R. 11 E.

Chains	
	West, bet. secs. 30 and 31.
	Over broken desert land, through scant undergrowth; desc. 270 ft. over a W. sandstone slope.
40.00	Point for the ¼ sec. cor. of secs. 30 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R11E ¼ S31 S30 T38½S 1957
	Desc. 245 ft. over a broken W. slope of sandstone slickrock.
67.00	Enter river bottom land, bears NW. and SE.
70.66	Left bank of the Colorado River, course SE.
	Point for the meander cor. of secs. 30 and 31, at mean high water mark.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R11E MC S31 S30 T38½S 1957
	Deposit charcoal at the base of the post.
	Thence across the Colorado River, course SE.
78.32	Point for the closing cor. of Ts. 38½ S., Rs. 10 and 11 E., falls in Colorado River.
85.75	True point for the meander cor. of sec. 25, T. 38½ S., R. 10 E. and sec. 31, T. 38 S., R. 11 E. falls on inaccessible shelf; asc. 415 ft.
86.11	W. rim of Colorado River, bears S. 05° E. and N. 05° W.
86.24	Point selected for the witness meander cor. of secs. 25 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R11E S31 W S25 C T38½S R10E 1957
	Asc. 55 ft. over a broken NE. sandstone slope.
92.20	High sandstone knob; thence across deep gorge draining NE., by triangulation.
96.00	Wash in bottom of gorge, drains NE.
109.30	Sandstone spur, projects NE.; desc. 20 ft. along a N. slope.
115.62	The cor. originally set for the cor. of Ts. 38 and 39 S., Rs. 10 and 11 E., mkd. by a 1 in. iron post, conforming to the record. This cor. now functions as the cor. of T. 38 S., Rs. 10 and 11 E. only.

South Boundary of T. 38 S., R. 11 E.

Chains	
	T38S R10E R11E S36 | S31 S 1 | S 6 T39S 1923 Which I remark to: T38S R10E R11E S36 | S31 S25 T38½S R10E 1923 1957
	Land, badly broken desert. Soil, sandy loam in the river bottom, sandstone the balance. Timber, none; undergrowth, scant black brush, sagebrush and mountain rush.

East Boundary of T. 38 S., R. 11 E.

	From the cor. of Ts. 38 and 38½ S., R. 11 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38½ S., R. 11 E.
	North, along the E. bdy. of sec. 36.
	Over rolling land; asc. 125 ft. over S. slope.
12.90	Top of S. slope, bears N. 80° E. and S. 80° W.; asc. 40 ft. over rolling brush covered land.
40.00	Point for the ¼ sec. cor. of sec. 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S R11E R12E ¼ | S36 | 1957
	No accessories available.
	Asc. 45 ft. over rolling land.
80.00	Point for the cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R11E R12E S25 | S36 | 1957
	Land, rolling. Soil, sand. Timber, none; undergrowth, black brush.
	North, along the E. bdy. of sec. 25.
	Over rolling land; asc. 55 ft. over gentle E. slope.
40.00	Point for the ¼ sec. cor. of sec. 25.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

East Boundary of T. 38 S., R. 11 E.

Chains	
	T38S R11E R12E ¼ S25 1957
	Continue over rolling land.
62.50	S. rim of Moqui Canyon, bears E. and W.; desc. about 640 ft. over steep N. slope and ledges facing N.
73.00	Wash in bottom of canyon, drains W.; asc. about 320 ft. over ledges facing S.
78.00	N. rim of Moqui Canyon, bears E. and W.; thence over broken land.
80.00	Point for the cor. of secs. 24 and 25.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R11E R12E S24 S25 1957
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none.
	North, along the E. bdy. of sec. 24.
	Over broken land; asc. broken S. slope.
37.50	E. rim of Glen Canyon, bears N. 5° E. and S. 10° W.; thence along inaccessible ledges facing W.
40.00	Point for the ¼ sec. cor. of sec. 24 falls on inaccessible ledges facing W., and cannot be monumented.
47.00	E. rim of Glen Canyon, bears N. 10° W. and S. 5° E.; thence along rim.
47.54	Point selected for the witness ¼ sec. cor. of sec. 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R11E R12E ¼ S24 W C 1957
	Cor. falls on point projecting SW. from canyon rim.
	Asc. 85 ft. over broken S. slope.
80.00	Point for the cor. of secs. 13 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X) and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T38S R11E R12E S13| S24| 1957 Land, broken. Soil, sand and exposed sandstone. Timber, none.
	North, along the E. bdy. of sec. 13. Over broken land; asc. 105 ft. over S. slope.
27.40	Crest of S. slope, bears N. 80° E. and S. 80° W.; desc. 105 over broken NW. slope.
40.00	Point for the ¼ sec. cor. of sec. 13. Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R11E R12E ¼| S13| 1957 Desc. 130 ft. over broken NW. slope.
49.00	Wash, 10 lks. wide, 10 ft. deep, drains S. 50° E.; asc. 290 ft. over broken S. slope.
66.20	Top of ascent, bears E. and W.; asc. 10 ft. over top of mesa.
80.00	Point for the cor. of secs. 12 and 13. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E R12E S12| S13| 1957 Land, broken and rolling. Soil, sand and exposed sandstone. Timber, none.
	North, along the E. bdy. of sec. 12. Over rolling land; desc. 70 ft. over top of mesa.
34.90	Draw, drains SW.; asc. 65 ft. over top of mesa.
40.00	Point for the ¼ sec. cor. of sec. 12. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

East Boundary of T. 38 S., R. 11 E.

Chains	
	T38S R11E R12E ¼ | S12 | 1957
44.42	The closing cor. of Ts. 37 and 38 S., R. 12 E., an iron post, 2½ ins. diam., described in the field notes of T. 38 S., R. 12 E.
	Asc. 20 ft. over rolling top of mesa.
80.00	Point for the cor. of secs. 1 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S T37S R11E R12E S 1 | S31 S12 | 1957
	Land, rolling. Soil, sand. Timber, none; undergrowth, heavy growth of black brush.
	North, along the E. bdy. of sec. 1.
	Over rolling land on top of mesa.
1.80	N. edge of mesa, bears N. 50° W. and S. 50° E.; desc. about 400 ft. over steep N. slope and ledges facing N. into canyon.
18.00	Wash in bottom of canyon, drains N. 50° W.; asc. about 320 ft. over ledges facing S.
19.30	N. rim of canyon, bears N. 60° W. and S. 50° E.; asc. 145 ft. over broken S. slope.
40.00	Point for the ¼ sec. cor. of sec. 1.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.
	T38S T37S R11E R12E ¼ | S 1 | 1957
	Asc. 15 ft. over broken S. slope.
52.40	Spur, slopes W.; desc. 95 ft. over broken N. slope.
63.00	Small wash, drains W.; asc. 115 ft. over broken S. slope.
74.40	Spur, slopes S. 80° W.; desc. 45 ft. over broken N. slope.
79.50	Flat drain, drains S. 80° W.; asc. S. slope.
80.28	Point for the cor. of Ts. 37 and 38 S., R. 11 E., at an easting of 514.94 chs. from the cor. of Ts. 37 and 38 S., Rs. 10 and 11 E., as specified in the special instructions.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 4 ft. base to top, with brass cap mkd.

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East Boundary of T. 38 S., R. 11 E.

Chains	
	T37S R11E R12E S36 | S30 S 1 | T38S T37S
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	North Boundary of T. 38 S., R. 11 E.
	From the cor. of Ts. 37 and 38 S., R. 11 E.
	West, bet. secs. 1 and 36.
	Over broken land; desc. 30 ft. along S. slope.
6.80	Flat drain, course N. 80° W.; desc. 90 ft. along N. slope.
20.10	E. rim of Glen Canyon, bears S. 30° W. and N. 30° E.; desc. about 400 ft. over ledges facing NW.
21.50	Base of same ledges; thence across bottom of Glen Canyon.
36.78	Point for the meander cor. bet. secs. 1 and 36 on the left bank of the Colorado River, at mean high water level. Banks bear NE. and SW.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T37S R11E M S36 C S 1 T38S 1957
37.70	Waters edge at low stage, bears N. 30° E. and S. 30° W.; thence across Colorado River, course SW.
48.00	Water edge at low stage, bears N. 30° E. and S. 30° W.
48.87	Point for the meander cor. bet. secs. 1 and 36 on the right bank of the Colorado River, at mean high water level, bank bears NE. and SW.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T37S R11E S36 M S 1 C T38S 1957
	Asc. broken SE. slope.
60.00	Base of ledges of W. rim of Glen Canyon, bears S. 40° W. and N. 40° E.; asc. about 360 ft. over ledges facing SE.
63.24	W. rim of Glen Canyon, bears N. 40° E. and S. 40° W.; asc. 15 ft. over E. slope.

Chains	
65.50	Spur, slopes S.; desc. 60 ft. along broken S. slope.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R11E S35 | S36 S 2 | S 1 T38S 1957 Land, broken. Soil, sand and exposed sandstone. Timber, cottonwood and willows in river bottom.
	West, bet. secs. 2 and 35. Over broken land; desc. about 60 ft. along broken S. slope.
13.00	E. rim of Hansen Creek, bears N. 45° W. and S. 45° E.; desc. about 260 ft. over ledges facing SW.
20.00	Wash in bottom of Hansen Creek, drains S. 45° E.; asc. about 250 ft. over ledges facing E.
27.00	W. rim of canyon on a point projecting N., 5 chs. to end; desc. about 80 ft. along N. slope above ravine, draining E. to wash.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35 falls on inaccessible ledges facing N., and cannot be monumented.
42.50	Bottom of ravine, drains N. 80° E.; asc. about 50 ft. over broken SE. slope.
45.80	Point for the witness ¼ sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T37S R11E ¼ S35 → W S 2 C T38S 1957 Asc. 260 ft. along SE. slope.
78.60	Top of ascent, bears N. and S.; thence over rolling land.
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T37S R11E S34 | S35 S 3 | S 2 T38S 1957 Land, broken and rolling. Soil, sand and exposed sandstone. Timber, none; undergrowth, heavy growth of black brush on rolling land.

Chains	
	West, bet. secs. 3 and 34.
	Over rolling land; desc. 45 ft.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T37S R11E ¼ S34 / S 3 T38S 1957
	Desc. 45 ft. over rolling land.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T37S R11E S33 | S34 S 4 | S 3 T38S 1957
	No accessories available.
	Land, rolling. Soil, sand. Timber, none; undergrowth, heavy growth of black brush.
	West, bet. secs. 4 and 33.
	Over rolling land; desc. 5 ft.
34.10	Base of ascent, bears N. and S.; asc. 130 ft. over steep E. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T37S R11E ¼ S33 / S 4 T38S 1957
	Asc. 65 ft. over steep E. slope.
42.20	Top of ascent, bears N. and S.; desc. 5 ft. over rolling land.
55.60	Unimproved road, bears N. 20° W. and S. 20° E.; continue over rolling land.
55.90	Top of gentle W. slope; desc. 55 ft.
71.90	Base of W. slope; asc. 15 ft. over rolling E. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and mounded dirt to W. of iron post, with brass cap mkd. T37S R11E S32 | S33 S 5 | S 4 T38S 1957 Land, rolling. Soil, sand. Timber, none; undergrowth, heavy growth of black brush.
	West, bet. secs. 5 and 32. Over rolling land; asc. 140 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T37S R11E ¼ S32 S 5 T38S 1957 Asc. slight E. slope.
40.60	Top of ascent, bears N. and S. 80° W.; desc. 275 ft. along broken NW. slope.
50.00	Head of wash, draining SW.; thence along a S. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd. T37S R11E S31 | S32 S 6 | S 5 T38S 1957 Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none.
	West, bet. secs. 6 and 31. Over rolling land; desc. 25 ft. along S. slope.
4.90	Slope changes to rolling W. slope; desc. 15 ft.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

Chains	
	T37S R11E ¼ S31 S 6 T38S 1957
	Desc. 45 ft. over rolling W. slope.
69.80	Top of descent, bears NE. and SW.; desc. 100 ft. over steep W. slope.
80.00	Point for the 1/16 sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T37S R11E 1/16 S31 80 S 6 T38S 1957
	Desc. 20 ft. over W. slope.
82.40	Wash, 20 lks. wide, 4 ft. deep, drains S. 60° W.; desc. 60 ft. over rolling land.
114.94	The cor. of Ts. 37 and 38 S., Rs. 10 and 11 E., an iron post, 2 ins. diam., conforming to the record.
	Land, rolling. Soil, sand and exposed sandstone. Timber, none.

Portion of the Subdivision, T. 38 S., R. 11 E.

	From the cor. of secs. 25, 26, 35 and 36 on the S. bdy., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38½ S., R. 11 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling land; desc. 15 ft.
19.50	Small wash, drains SW.; asc. 25 ft. over gentle SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R11E ¼ S35 | S36 1957
	Asc. 70 ft. over gentle SE. slope.
66.10	Slope changes to gentle E. slope; asc. 25 ft.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

Chains	
	T38S R11E S26 | S25 S35 | S36 1957
	Land, rolling. Soil, sand and exposed sandstone. Timber, none; undergrowth, heavy growth of black brush.
	From the cor. of secs. 25 and 36 on the E. bdy. of the township.
	West, bet. secs. 25 and 36.
	Over rolling land; desc. 50 ft. over rolling W. slope.
36.90	Small wash, drains S. 50° W.; desc. 25 ft. over gentle W. slope.
40.06	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T38S R11E ¼ S25 S36 1957
	Desc. 30 ft. over gentle W. slope.
62.20	Small wash, drains S. 30° W.; asc. 40 ft. over gentle E. slope.
80.12	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sand. Timber, none.
	Beginning at the cor. of secs. 27, 28, 33 and 34 on the S. bdy. of the township, mkd. by an iron post, 2½ ins. diam., described in the field notes of T. 38½ S., R. 11 E.
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling and broken desert land, through medium undergrowth; asc. 80 ft. over a gentle S. slope.
36.50	Base of steep S. slope; asc. 100 ft.
39.60	Butte, projects W. about 6.00 chs. to abrupt end, and extends NE. about 30 chs.; desc. 10 ft. over a N. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R11E ¼ S33 | S34 1957

Chains	
	Desc. 120 ft. over a series of ledges facing N.
44.50	Base of ledges; desc. 70 ft. over a gentle N. slope.
70.00	Wash, 4 ft. deep, 30 lks. wide, drains N. 40° E.; thence along a rolling E. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T38S R11E S28 | S27 S33 | S34 1957
	Deposit a sandstone, 5x4x3 ins., mkd. with a cross (X) at the base of the post.
	Land, rolling and broken desert. Soil, dravely sandy clay. Timber, none; undergrowth, medium black brush, grass and weeds.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling desert land, through medium undergrowth; asc. 55 ft. along an E. slope.
13.40	Crest of E. slope, bears N. 40° E. and S. 40° W.; thence over rolling mesa top.
33.30	Rim of mesa, bears E. and W.; desc. 75 ft. over a broken N. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a moun d of stone, 4 ft. base to top, with brass cap mkd.
	T38S R11E ¼ S28 | S27 1957
	Thence by triangulation across the Colorado River, with topography approx. as taken from a Geological Survey quadrangle sheet; desc. 280 ft. over a broken N. slope.
67.00	Left bank of the Colorado River, bears E. and W.; thence across the Colorado River, course W.
77.00	Right bank of river, bears E. and W.; asc. 120 ft. over ledges.
78.00	Top of N. rim of the river, bears E. and W.; asc. a S. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R11E S21 | S22 S28 | S27 1957

Portion of the Subdivision; T. 38 S., R. 11 E.

Chains	
	Land, rolling and broken desert. Soil, sandy clay, with exposed, broken and eroded sandstone. Timber, none; undergrowth, medium black brush, scant grass and weeds, with dense willows and river brush along the river banks.
	N. 0° 02' W., bet. secs. 21 and 22. Over broken and rolling desert land, through medium undergrowth, asc. 190 ft. over a broken S. slope.
33.50	Top of S. slope; thence over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E ¼ S21 | S22 1957 Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post. Continue over rolling land.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E S16 | S15 S21 | S22 1957 Land, broken and rolling desert. Soil, sandy clay, with exposed broken and eroded sandstone. Timber, none; undergrowth, medium black brush, scant grass and weeds.
	N. 0° 02' W., bet. secs. 15 and 16. Over slightly broken and rolling land, sloping gently to the S. and W., through medium undergrowth.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E ¼ S16 | S15 1957 Asc. 50 ft. over rolling land.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R11E S 9 | S10 S16 | S15 1957 Land, slightly broken and rolling desert bench. Soil, sandy clay, with some exposed sandstone. Timber, none; undergrowth, medium black brush, scant grass and weeds
	N. 0° 02' W., bet. secs. 9 and 10. Over rolling and slightly broken desert bench land, through medium undergrowth; asc. 50 ft. over a S. slope.
3.00	Base of a series of sandstone knobs; asc. 140 ft. over a S. slope.
29.00	Spur, projects W.; desc. 75 ft. over a N. slope.
32.30	Base of spur; thence over rolling basin land, sloping gently to the S.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S R11E ¼ S 9 | S10 1957 Deposit a sandstone, 4x4x3 ins., mkd. with a cross (X) at the base of the post. Asc. 70 ft. over basin land, sloping gently to the S.
80.00	Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R11E S 4 | S 3 S 9 | S10 1957 Land, slightly broken and gently rolling desert bench land. Soil, sandy clay, with some exposed sandstone. Timber, none; undergrowth, medium black brush, scattered grass and weeds.
	N. 0° 08' W., bet. secs. 3 and 4. Over rolling desert bench land, through medium undergrowth; asc. 25 ft. over a S. slope.
2.40	N. rim of basin, bears irregularly E. and W.; thence desc. 40 ft. over a gentle N. slope.

Portion of the Subdivision, T. 38 S., R. 11 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R11E ¼ S 4 | S 3 1957
	Desc. 15 ft. over a gentle N. slope.
80.55	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township, mkd. by an iron post, 2½ ins. diam., previously set and described.
	Land, gently rolling desert bench land. Soil, sandy clay. Timber, none; undergrowth, medium black brush, scant grass and weeds.
	From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over rolling land; asc. 50 ft. over gentle N. slope.
40.46	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R11E ¼ S 3 | S 2 1957
	Asc. 20 ft. over gentle N. slope.
51.00	Top of ascent, bears W. and N. 70° E.; desc. 75 ft. over rolling S. slope.
66.90	Base of S. slope, bears E. and W.; asc. 15 ft. over NE. slope.
80.46	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R11E S 3 | S 2 S10 | S11 1957
	Land, rolling. Soil, sand. Timber, none; Undergrowth, heavy growth of black brush.
	N. 89° 56' E., bet. secs. 2 and 11.
	Over rolling land; desc. 100 ft. over NE. slope.
17.70	Wash, 30 lks. wide, 5 ft. deep, drains S. 50° E.; asc. 65 ft. over SW. slope.
30.00	Spur, slopes S.; desc. 90 ft. over broken E. slope into Glen Canyon.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R11E ¼ S 2 / S11 1957 Desc. 140 ft. over broken E. slope.
55.08	Point for the meander cor. bet. secs. 2 and 11 on high vertical wall overhanging the water's edge on the right bank of the Colorado River. Set an iron post, 30 ins. long, 2½ ins.diam., on solid rock, over a cross (X) and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E S 2 / S11 MC 1957 Desc. about 160 ft. vertically; thence across Colorado River, course S. 20° W.
65.60	Water's edge on left bank of the Colorado River, bears N. 20° E. and S. 20° W.; continue over sand bank.
70.98	Point for the meander cor. bet. secs. 2 and 11, at mean high water mark, on the left bank of the Colorado River. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T38S R11E MC / S 2 / S11 1957 No accessories available. Asc. 45 ft. over W. slope in river bottom.
76.87	Point selected for the witness cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E S 2 | S 1 W S11 | S12 C 1957 Continue over canyon bottom.
77.00	Base of ledges, bears N. 20° E. and S. 20° W.; asc. about 150 ft. over ledges facing NW.
80.00	Point for the cor. of secs. 1, 2, 11 and 12 falls on inaccessible ledges facing NW., and cannot be monumented. Land, rolling and broken. Soil, sand and exposed sandstone. Timber, patches of cottonwood and willows in river bottom.

Chains	
	N. 0° 01' W., bet. secs. 1 and 2, counting dist. from the true point for the cor. of secs. 1, 2, 11 and 12.
	Over broken land on E. rim of Glen Canyon, along ledges facing NW.
5.00	Top of vertical ledges, facing NW.; desc. about 150 ft.
7.00	Base of same ledges, bears N. 20° E. and S. 20° W.; thence over bottom of Glen Canyon.
13.69	Point for the meander cor. bet. secs. 1 and 2, at mean high water mark, on the left bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of tone, 3 ft. base to top, with brass cap mkd.
	MC T38S R11E S 2 | S 1 1957
14.90	Water's edge on the left bank of the Colorado River, bears S. 20° W. and N. 20° E.; thence across river, course S. 20° W.
26.90	Water's edge on the right bank of the river.
33.11	Point for the meander cor. bet. secs. 1 and 2, at mean high water mark on the right bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R11E S 2 | S 1 MC 1957
	Asc. 10 ft. over bottom of Glen Canyon.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38S R11E ¼ S 2 | S 1 1957
	Continue over bottom of Glen Canyon.
44.60	Base of ledges, bears N. 20° E. and S. 20° W.; asc. about 200 ft. over ledges facing SE.
60.00	Spur, slopes N. 45° E.; desc. about 200 ft. over ledges facing NW. into mouth of Hansen Creek.
66.00	Wash in bottom of Hansen Creek, drains N. 30° E.; asc. about 250 ft. over ledges facing S.
69.00	N. rim of same creek, bears N.30° E. and N. 70° W.; asc. 110 ft. over broken S. slope.
80.39	The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township.

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Chains	
	Land, broken. Soil, sand and exposed sandstone. Timber, patches of cottonwood and willows on river bottom.
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over rolling desert bench land, draining to the SW.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R11E ¼ S16 / S21 1957
43.20	Desc. 90 ft. over a broken W. slope.
49.50	Wash, 2 ft. deep, 20 lks. wide, drains irregularly S.; asc. 25 ft. over an E. slope.
57.90	Top of ascent, bears N. 30° E. and S. 30° W.; thence over rolling land.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 13 ins. high, with brass cap mkd. T38S R11E S17 | S16 S20 | S21 1957 Land, slightly broken and rolling desert bench land. Soil, gravely, sandy clay. Timber, none; undergrowth, medium black brush, grass and weeds.
	N. 0° 03' W., bet. secs. 16 and 17. Over slightly broken desert bench land, through medium undergrowth; asc. 110 ft. over a S. slope.
18.80	Top of rise, bears S. 70° W. and N. 80° E., 3.00 chs.; thence N. 10° E.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, and in a mound of earth, with brass cap mkd. T38S R11E ¼ S17 | S16 1957 No accessories available.

Chains	
	Continue over rolling land.
54.90	Wash, 3 ft. deep, 20 lks. wide, drains S. 50° W.; asc. 65 ft. over a S. slope.
60.50	Top of steep S. slope; thence asc. 50 ft. over a gentle S. slope.
77.10	Top of ascent, bears NE. and SW.; thence along a gentle W. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of earth, with brass cap mkd. T38S R11E S 8 | S 9 S17 | S16 1957
	No accessories available.
	Land, rolling desert bench land. Soil, sandy clay. Timber, none; undergrowth, medium black brush, scant grass and weeds.
	Beginning at the cor. of secs. 9, 10, 15 and 16.
	West, bet. secs. 9 and 16.
	Over rolling desert bench land, through medium undergrowth; asc. 25 ft.
15.60	Top of sandstone knob; desc. 40 ft. over a W. slope.
24.50	Wash, 3 ft. deep, 30 lks. wide, drains S.; continue over rolling land.
36.00	Point for the witness ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S R11E ¼ ← S 9 S16 W C 1957
	No accessories available.
36.50	Small wash, drains S., also base of sandstone rib; asc. 55 ft. over an E. sandstone slope.
40.00	True point for the ¼ sec. cor. of secs. 9 and 16 falls on a steep E. slope of a sandstone rib, where the cor. cannot be perpetuated; asc. 25 ft.
42.00	Top of sandstone rib, bears N. 10° E. and S. 10° W.; desc. 70 ft. over a W. slope.
47.90	Small wash, drains S. 60° W.; asc. 85 ft. over an E. slope.
56.40	E. edge of mesa, bears N. 40° E. and S. 40° W.; thence over gently rolling mesa top.

Chains	
80.00	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling desert bench land. Soil, sandy clay. Timber, none; undergrowth, medium black brush, scattered grass and weeds.
	From the cor. of secs. 28, 29, 32 and 33 on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling and broken desert land, through scant undergrowth; asc. 15 ft.
2.60	Sandy rise; desc. 80 ft. over a N. slope.
17.10	Draw, drains W.; asc. 150 ft. over a SW. slope.
33.50	S. edge of gravel bench.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T38S R11E ¼ S32 | S33 1957
	Deposit charcoal at the base of the post.
42.80	N. rim of bench; desc. 200 ft. over ledges facing to the N.; desc. 110 ft. over a N. slope.
71.50	Draw; drains N. 80° W.; asc. 50 ft. over a S. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S R11E S29 | S28 S32 | S33 1957
	Deposit charcoal at the base of the post.
	Land, rolling and broken desert. Soil, sandy, with exposed sandstone. Timber, none; undergrowth, scant black brush, bitter brush, grass and weeds.
	Beginning at the cor. of secs. 29, 30, 31 and 32, on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over broken desert land, across sandstone slickrock.

Chains	
11.80	Head of sandstone draw, drains SW.; asc. 110 ft. over a S slope.
17.80	Thence across a gravel bench.
21.53	Point selected for the witness meander cor. of secs. 31 and 32 on the N. rim of a sandstone bluff, about 400 ft. high, overlooking the Colorado River. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. WMC S31 | S32 T38S R11E 1957
24.00	True point for the meander cor. of secs. 31 and 32 falls on nearly vertical ledge, where the monument cannot be perpetuated. At this point the river flows S. 85° W. from N. 85° E. Thence across the river by triangulation.
35.73	Right bank of Colorado River and point for the meander cor. of secs. 31 and 32 on the right bank of the Colorado River, at mean high water mark. Set an iron post, 30 ins.long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T38S R11E S31 | S32 MC 1957 At this point the river flows S. 85° W. from N. 85° E.
38.00	Old road Halls Crossing, bears NE. and SW.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T38S R11E ¼ S31 | S32 1957 Deposit charcoal at the base of the post.
40.65	Base of sandstone slickrock; asc. 345 ft. over a S. sandstone slope.
63.50	Gravel spur, projects E.; desc. 20 ft.
71.50	Sandstone draw, drains E.; asc. 55 ft. over a S. slope.
79.80	S. rim of gravel bench, bears E. and W.
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	T38S R11E S30 | S29 S31 | S32 1957
	Land, breaks of Glen Canyon. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 28, 29, 32 and 33. West; bet. secs. 29 and 32:
	Over broken desert land, through scant undergrowth; asc. 15 ft.
2.80	Spur, projects W.; desc. 170 ft. along spur, sloping W.
27.20	Draw, drains N. 80° W.; desc. 30 ft. along a N. slope.
36.40	Point selected for the witness ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R11E ¼ S29 S32 W C 1957
40.02	True point for the ¼ sec. cor. of secs. 29 and 32 falls on a steep N. slope of sandstone slickrock, where the cor. cannot be perpetuated.
43.70	Sandstone spur, projects N.; desc. 215 ft. over a W. sandstone slope.
57.82	Left bank of the Colorado River and point for the meander cor. of secs. 29 and 32 on the left bank of the Colorado River, at mean high water mark.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R11E MC S29 S32 1957
	Deposit charcoal at the base of the post.
	Thence across the river by triangulation, course S.
71.10	Point for the meander cor. of secs. 29 and 32 on the right rim of Glen Canyon, on a cliff about 200 ft. high, overhanging the mean high water mark, rim bears S. 4° W. and N. 4° E.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R11E S29 S32 MC 1957
	Asc. 85 ft. along a SE. slope.

Chains	
80.04	The cor. of secs. 29, 30, 31 and 32. Land, broken desert. Soil, sand with exposed sandstone. Timber, none; undergrowth, scant black brush, bitter brush, grass and weeds, with river brush and willows in the river bottom.
	Colorado River Meanders Through Sec. 2
	Beginning at the meander cor. of secs. 1 and 2 on the right bank of the Colorado River. Thence downstream with the meanders of the Colorado River in sec. 2, along a well defined bank. S. 36° 54' W., 41.56 chs. The meander cor. of secs. 2 and 11 on the right bank of the river. Land, nearly level bottom land. Soil, sandy loam. Timber, none; undergrowth, river brush, willows, greasewood, grass and weeds.
	Beginning at the meander cor. of secs. 1 and 2 on the left bank of the Colorado River. Thence downstream with the meanders of the Colorado River in sec. 2 along a well defined bank. S. 33° 30' W., 16.42 chs. The meander cor. of secs. 2 and 11 on the left bank of the river. Land, nearly level bottom land. Soil, sandy loam. Timber, none; undergrowth, river brush, willows, greasewood, grass and weeds.
	Colorado River Meanders Through Sec. 32
	Beginning at the meander cor. of secs. 29 and 32 on the right bank of the Colorado River. Thence downstream with the meanders of the Colorado River in sec. 32. S. 04° W., 24.80 chs. S. 12° W., 15.70 chs. S. 43° 22' W., 5.71 chs., the menader cor. of secs. 31 and 32 on the right bank of the Colorado River. Land, broken and nearly level bottom land. Soil, exposed sandstone and sandy clay loam. Timber, none; Undergrowth, river brush, grass, willows and weeds.

Colorado Meanders Through Sec. 32

Chains	
	Beginning at the meander cor. of secs. 29 and 32 on the left bank of the Colorado River. Thence downstream with the meanders of the Colorado River in Sec. 32. S. 08° W., 49.50 chs. S. 65° 32' W., 16.81 chs. The true point for the meander cor. of secs. 31 and 32. Land, nearly level and broken bottom land. Soil, sandy clay loam and exposed sandstone. Timber, none; undergrowth, river brush, willows, grass and weeds.

GENERAL DESCRIPTION

The land in the township varies from rolling desert bench land to badly broken land along the Colorado River, which cuts through the township meandering from the NE. cor. of the township through sec. 1, to the SW. cor. of the township through sec. 31. The drainage is all into the Colorado River. The soil is principally a sandy clay with broken and eroded sandstone along the river and its tributaries. There is a few widely scattered dwarf juniper in the north portion. The undergrowth is mainly black brush, with lesser amounts of cacti, mountain rush, silverleaf, grass and weeds. There are no permanent habitants in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max. E. Swindle	Principal Assistant
Eldon W. Sibley	Principal Assistant
Lee B. Coon	Chainman
Farrell D. Reynolds	Chainman
Parley Pratt	Flagman
James E. Jepson	Flagman
Richard N. Brand	Axeman
Dale Barney	Axeman
Max L. Sevy	Cornerman
LaVern Griffin	Cornerman

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CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester and Fred R. Chappell, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 27th day of August 1957 we have surveyed the south, east and north boundaries and a portion of the subdivis including meanders of the Colorado River through secs. 2 and 32 of Township 38 So Range 11 East

of the Salt Lake Meridian, in the State of Utah, which a represented in the foregoing field notes as having been executed by us and under our direction; and th said survey has been made in strict conformity with said instructions, the Manual of Instructions for t Survey of the Public Lands of the United States, and in the specific manner described in the foregoi field notes.

March 7, 1958

Salt Lake City, Utah

Craig P. Sylvester - Cartographic Sur

Fred R. Chappell - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*__

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—52865-8

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1957, I have ~~surveyed~~ supervised the survey of the south, east and north boundaries and a portion of the subdivision, including meanders of the Colorado River through secs. 2 and 32 of Township 38 South, Range 11 East

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 supervision~~ under my supervision; 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.

March 7, 1958

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 22 1958, *19*

The foregoing field notes of the survey of the south, east and north boundaries and a portion of the subdivision, including meanders of the Colorado River through secs. 2 and 32 of Township 38 South, Range 11 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell and Craig P. Sylvester, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Earl G. Harrington

Cadastral Engineering Staff Officer.

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.~~

~~Cadastral Engineering Staff Officer.~~

U. S. GOVERNMENT PRINTING OFFICE 16—53505-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of

the Survey of

the North Boundary and a Portion of

the Subdivision

of

Townahip 38 South, Range 12 East

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane — Cadastral Surveyor (Chief of Party)

Fred R. Chappell — Cadastral Surveyor

Under special instructions dated August 27, *19* 56, *which provided for the surveys included under Group No.* 404, *approved* November 7, 1956 *and assignment instructions dated* July 30, *19* 57

Survey commenced August 20, *19* 57

Survey completed September 9, *19* 57

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 38 South, *Range* 12 East

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16—88770-1

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Township 38 South, Range 12 East

Chains	
	The south boundary was surveyed concurrently with the survey of this township and is described in the field notes of the survey of T. 39 S., R. 12 E. The east boundary was surveyed by R. C. Yundt in 1930, and is described in the field notes of the survey of the range-line between Rs. 12 and 13 E., T. 38 S. The west boundary was surveyed by C. F. Sylvester concurrently with the survey of this township, and is described in the field notes of the survey of Ts. 38 and 38½ S., R. 11 E.
	The following field notes are those of the survey of the north boundary, and a portion of the subdivisional lines of T. 38 S., R. 12 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered State school sections.
	The survey was executed with a W. and L. E. Gurley solar transit No. 541327, constructed in accordance with standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in proper adjustment prior to the beginning of the field work. It was tested and checked frequently during the progress of the survey.
	The direction of all lines being reported are determined by deflecting from meridians established by observations upon Polaris and the sun, throughout the survey.
	Corners on latitudinal lines were set on the true latitudinal curve. Lines connecting previously established courses were run by random and true method but for the simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.
	The measurements were made with a steel tape, eight chains in length. This tape was graduated every link for the first chain, and thereafter at intervals of ten links. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were on the slope, the vertical angle of each interval determined by use of clinometers, and the slope distances properly reduced to horizontal equivalents. All lines of this survey were run by direct methods where the lines are accessible; the inaccessible lines were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.
	The geographic value for the southeast corner of the township is latitude 37° 25' 57.429" North, longitude 110° 31' 40.906" West, as adjusted from traverses to the several U. S. G. S. triangulation stations within the area.
	The magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be 15° 00' East.

Chains	
	Beginning at the cor. of Ts. 37 and 38 S., Rs. 12 and 13 E., mkd. by an iron post, 3 ins. diam., firmly set in a mound of stone, mkd. as described in the official record.
	West, bet. secs. 1 and 36.
	Over broken eroded sandstone ribs projecting S.; asc. 80 ft. over SE. slope.
15.60	Spur, projecting S.; desc. 90 ft. over NW. slope.
29.70	Wash, 3 ft. deep, 1.00 ch. wide, drains SW.; asc. 10 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36.
	Over a cross (X) cut in solid sandstone, set an iron post, 2½ ins. diam., 30 ins. long, in a mound of stone, 3½ ft. base, to top, with brass cap mkd.
	T37S R12E ¼ S36 / S 1 T38S 1957
	Cont. over eroded sandstone ribs and sandy hollows; asc. 210 ft. over SE. slope.
62.20	Spur projecting SW.; desc. 120 ft. over broken sandstone along NW. slope.
80.00	Point for the cor. of secs. 1, 2, 35, and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X), in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R12E S35 | S36 S 2 | S 1 T38S 1957
	Land, broken and eroded sandstone. Soil, shallow and sandy. No timber. Vegetation, scant black brush, mountain rush, and yucca.
	West, bet. secs. 2 and 35.
	Over broken sandstone ledges; desc. 300 ft. over NW. slope.
27.40	Wash, 3 ft. deep, 1.20 chs. wide, drains SW.
34.50	Recross wash, drains NW.
39.20	Recross wash, drains SW.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35 on bare sandstone, 85 lks. N. from wash.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.

North Boundary, T. 38 S., R. 12 E.

Chains	
	T37S R12E ¼ S35/S 2 T38S 1957
	Cont. over broken SE. slope; asc. 50 ft.
66.10	Top of ascent; desc. 30 ft. along NW. slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35, on gentle W. slope of small sandstone knoll.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R12E S34 | S35 S 3 | S 2 T38S 1957
	Land, broken and eroded sandstone. Soil, shallow and sandy. Timber, few widely scattered junipers. Vegetation, heavy growth of black brush, some wild apple, and scrub oak.
	West, bet. secs. 3 and 34.
	Over eroded sandstone; desc. 60 ft. over broken SW. slope.
15.70	Base of descent; asc. 30 ft. over broken SE. slope.
26.16	Spur projecting SW.; desc. 70 ft. over steep S. slope of broken sandstone.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34, on steep S. slope.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R12E ¼ S34/S 3 T38S 1957
	Cont. over eroded sandstone; desc. 40 ft. over steep S. slope.
54.10	N. rim of canyon, bears SE. and NW.; desc. 180 ft. over steep N. rim of canyon.
80.00	Point for the cor. of secs. 3, 4, 33 and 34, on a flat shelf 20 lks. E. from edge of a gorge 50 ft. deep.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	T37S R12E S33 | S34 S 4 | S 3 T38S 1957
	Land, broken and ledgy sandstone. Soil, scarse and sandy. Timber, few widely scattered juniper first half mile; no timber last half mile. Vegetation, blackbrush, mountain rush, wild apple, scrub oak, yucca first half mile; no vegetation last half mile.
	West, bet. secs. 4 and 33.
	Over eroded sandstone.
0.20	Edge of gorge, 50 ft. deep, 1.00 ch. wide, drains NW. from S.; asc. 340 ft. over steep ledges along S. wall of canyon.
36.30	S. rim of canyon, bears SE. and W.; desc. 20 ft. over bare sandstone
40.00	Point for the ¼ sec. cor. of secs. 4 and 33, on broken N. slope.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4½ ft. base to top, with brass cap mkd.
	T37S R12E ¼ S33 S 4 T38S 1957
	Cont. over sandstone ribs projecting N.; desc. 120 ft. along steep NW. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33, on bare sandstone of steep N. slope.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R12E S32 | S33 S 5 | S 4 T38S 1957
	Land, broken and eroded sandstone. Soil, shallow and sandy. No timber. Vegetation, sparse and scattered black brush and mountain rush.

North Boundary, T. 38 S., R. 12 E.

Chains	
	West, bet. secs. 5 and 32.
	Over eroded sandstone spurs, ribs and rills; desc. 190 ft. along NW. slope..
40.00	Point for the ¼ sec. cor. of secs. 5 and 32, on steep broken N. slope.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R12E ¼ S32 / S 5 T38S 1957
	Cont. over sandstone ribs projecting N.
77.60	Point for the witness cor. of secs. 5, 6, 31 and 32, on a sandstone knob overlooking canyon.
	At the cor. point, set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T37S R12E W S31 | S32 C S 6 | S 5 T38S 1957
	Dep. charcoal around post. No suitable bearing objects.
79.00	Sheer rim of 400 ft. deep canyon, bears NE. and S.
80.00	True point for cor. of secs. 5, 6, 31 and 32 falls in the bottom of a deep canyon where it is impractical to establish a cor.
	Land, eroded sandstone ribs and ridges. Soil, sandy and shallow. No timber. Vegetation, sparse scattered blackbrush and mountain rush.
	West, bet. secs. 6 and 31.
	Over broken eroded sandstone ledges; asc. 400 ft. over abrupt W. wall of canyon.
16.00	West rim of canyon; asc. 300 ft. over eroded sandstone NE. slope.
38.60	Rim of mesa, bears SE. and NW.; desc. 10 ft. over gentle W. slope of mesa, through thick, low growth of black brush.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31, on nearly level ground.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T37S R12E ¼ S31 / S 6 T38S 1957
	Deposit charcoal around post. No suitable bearing objects.

Chains	
	Cont. over gentle W. slope of mesa; desc. 75 ft. through thick growt of black brush.
77.50	Intersect E. bdy. of sec. 12, T. 38 S., R. 11 E.
	Point for the closing cor. of Ts. 37 and 38 S., R. 12 E.
	Set an iron post, 30 ins. long, 2½ ins. in diam., 12 ins. in the ground to solid rock, and raise a mound of stone around post, 3½ ft. base to top, with brass cap mkd.

T38S | T37S
R11E | R12E
S12 | S31 C
S 6 C
T38S
1957

Chains	
	ftom which, the ¼ sec. cor. of sec. 12, T. 38 S., R. 11 E., bears S. 4.42 chs. dist.
	Land, broken sandstone, first half mile; flat mesa last half. Soil, sandy and shallow. No timber. Vegetation, sparse and scattered first half mile; thick low growth of black brush and mountain rush last half mile.

Portion of the Subdivision of T. 38 S., R. 12 E.

Chains	
	Beginning at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 12 E.
	Thence
	N. 0° 01' W., between secs. 35 and 36.
	Over rolling desert land, through scant undergrowth; desc. 20 ft. ov a N. slope.
16.10	Wash, 50 lks. wide, 1 ft. deep, drains NW.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.

T38S R12E
¼
S35 | S36
1957

Chains	
67.00	Sandstone spur, projects W.; desc. 30 ft. over sandstone slickrock.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, with a 3½ ft. base to top, with brass cap mkd.

T38S R12E
S26 | S25
S35 | S36
1957

Chains	
	Land, rolling desert. Soil, sand and sandstone slickrock. No timber. Undergrowth, scant black brush, sagebrush, mountain rush, grass and weeds.

Portion of the Subdivision, T. 38 S., R. 12 E.

Chains	
	Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., conforming to the record.
	Thence
	N. 89° 49' W., between secs. 25 and 36.
	Over rolling desert land, sloping gently to the W., through scant undergrowth; desc. 50 ft.
39.95	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R12E ¼ S25/S36 1957
	Deposit charcoal at the base of the post.
62.80	Sandstone spur, projects N.; desc. 70 ft. over a W. slope.
79.90	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling desert. Soil, sand and exposed sandstone. No timber. Undergrowth, scant black brush, sagebrush, mountain rush and weeds.
	Beginning at the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 12 E.
	Thence
	N. 0° 02' W., between secs. 33 and 34.
	Over nearly level desert land, through medium undergrowth; asc. 20 ft. over a S. slope.
2.00	S. edge of black brush covered bench, thence over nearly level bench land sloping to the S.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, with a 3½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S33|S34 1957
46.30	Sandstone draw, 30 lks. wide, 1 ft. deep, drains SW.; asc. 30 ft. over a S. slope.
64.10	Top of rise; desc. 30 ft. over a N. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T38S R12 E
S28|S27
S33|S34
1957

Deposit a sandstone 5x5x3 ins.; mkd. with a cross (X) at the base of the post.

Land, gently rolling desert.
Soil, sand with exposed sandstone. No timber.
Undergrowth, medium black brush, sagebrush, grass and weeds.

N. 0 02' W. between secs. 27 and 28.

Over rolling desert land, through medium undergrowth, sloping gently to the SW.

40.00 Point for the ¼ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a large mound of stone, with brass cap mkd.

T38S R12E
¼
S28|S27
1957

Deposit a sandstone, 5x5x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 60 ft. over a gentle NW. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38S R12E
S21|S22
S28|S27
1957

Land, rolling desert.
Soil, sand and exposed sandstone. No timber.
Undergrowth, medium black brush and grass.

N. 0 02' W., between secs. 21 and 22.

Over gently rolling desert land, through medium undergrowth; asc. 20 ft. over a S. slope.

10.70 Top of small rise; desc. 80 ft. over a N. slope.

30.00 Point for the witness ¼ sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 38 S., R. 12 E.

Chains	
	T38S R12E W C ¼ S21 | S22 1957
30.10	S. rim of Moqui Canyon, a rim of sandstone ledges, 350 ft. high, bears E. and W.
	Thence across canyon by tri.; desc. about 440 ft. over S. wall.
40.00	True point for the ¼ sec. cor. of secs. 21 and 22 falls in the bottom of inaccessible canyon.
50.00	Wash in bottom of Moqui Canyon, drains SW. on curve from S. 10° E.; asc. about 280 ft. over N. wall of canyon.
55.00	N. rim of Moqui Canyon, also the S. rim of North Gulch Canyon, bears E. and W.; desc. about 280 ft. over S. wall of North Gulch Canyon.
58.00	Wash in bottom of North Gulch Canyon, drains NW. on curve from N. 10° E.; asc. about 360 ft. over N. wall of canyon.
80.00	Point for the cor. of secs. 15, 16, 21 and 22, falls on the steep face of a sandstone ledge, where the cor. cannot be perpetuated.
	Land, rolling the first 30.00 chs., badly broken the balance. Soil, sand and sandstone. No timber. Undergrowth, scant black brush, mountain rush, grass and weeds.
	N. 0° 02' W., between secs. 15 and 16.
	Over broken desert land, through scant undergrowth; asc. 50 ft. over a broken S. slope.
1.30	Point for the witness cor. of secs. 15, 16, 21 and 22, on the N. rim of North Gulch Canyon.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R12E S16 | S15 S21 | S22 W C 1957
	Asc. 30 ft. over a S. slope.
16.10	Sandstone spur, projects W.; desc. 50 ft. over a N. sandstone slope.
23.50	Sandstone wash, 75 lks. wide, 1½ ft. deep, drains SW.; asc. 50 ft.
38.80	Top of rise; desc. 10 ft.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T38S R12E ¼ S16 | S15 1957
	Desc. 10 ft. over a NW. slope.
53.80	Wash, 1.00 ch. wide, 2 ft. deep, drains SW.; asc. 140 ft. over a S. sandstone slope.
69.70	Top of sandstone rise; desc. 60 ft. over a N. sandstone slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone with a 3½ ft. base, to top, with brass cap mkd.
	T38S R12E S 9 | S10 S16 | S15 1957
	Land, broken desert. Soil, sandstone, with sand in the pockets and draws. No timber. Undergrowth, scant black brush, grass and weeds.
	N. 0° 02' W., betw. secs. 9 and 10.
	Over broken desert land, through scant undergrowth; desc. 200 ft. over a broken north sandstone slope.
9.00	Wash, 60 lks. wide, 3 ft. deep, drains SW.; asc. 280 ft. over a broken SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S 9 | S10 1957
	Asc. 40 ft. over a SE. slope.
57.60	Sandstone spur, projects W.; desc. 150 ft. over a N. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, with brass cap mkd.
	T38S R12E S 4 | S 3 S 9 | S10 1957
	Deposit a sandstone, 5x4x3 ins., mkd. with a cross (X) at the base of the post.
	Land, broken desert. Soil, sandstone with sand in the draws and pockets. No timber. Undergrowth, scant black brush, rabbit brush, mountain rush, wild apple, grass and weeds.

Portion of the Subdivision, T. 38 S., R. 12 E.

Chains	
	N. 0° 01' W., between secs. 3 and 4.
	Over broken desert land, through scant undergrowth; desc. 170 ft. over a broken N. sandstone slope.
18.10	Sandstone draw drains W.; asc. 60 ft. over a S. sandstone slope.
33.30	Sandstone spur projects W.; desc. 70 ft. over a N. slope.
38.90	Sandstone draw, drains SW.; asc. 20 ft.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R12E ¼ S4 | S3 1957
	Asc. 330 ft. over a S. sandstone slope.
63.60	Ridge, bears E. and W.; desc. 480 ft. over a broken N. slope.
79.10	Deep draw, drains NW. from E.; asc. 40 ft.
79.60	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.
	Land, broken desert. Soil, sandstone slick rock, with sand in the pockets. No timber. Undergrowth, scant black brush, mountain rush and grass.
	Beginning at the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp.
	Thence
	S. 0° 01' E., between secs. 2 and 3.
	Over broken desert land, through very scant undergrowth; desc. 60 ft. over sandstone slick rock, sloping S.
8.65	Sandstone draw, drains W.; asc. 200 ft. over a N. sandstone slope.
39.73	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S3 | S2 1957
	Asc. 80 ft. over sandstone slick rock sloping to the N.
50.00	Sandstone ridge bears N. 70° E. and S. 70° W.; desc. 200 ft. over a SE. sandstone slope.
79.73	Point for the cor. of secs. 2, 3, 10 and 11.

Portion of the Subdivision, T. 38 S., R. 12 E.

Chains		Chains
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R12E S 3 | S 2 S10 | S11 1957	
	Land, broken desert. Soil, exposed sandstone, with sand in the pockets. No timber. Undergrowth, very scant black brush, rabbit brush, yucca and grass.	
	S. 89° 54' E., betw. secs. 2 and 11.	
	Over broken desert land, through scant undergrowth.	
.30	Small draw, drains SW.; asc. 60 ft. over a series of sandstone ribs and knobs putting to the S.	
26.40	Small sandstone draw, drains SW.; asc. 40 ft. over a W. slope.	
30.90	High sandstone knob; desc. 80 ft. over a SE. slope.	
35.40	Sandstone draw, 75 lks. wide, 4 ft. deep, drains SW.; asc. 70 ft. over a NW. slope.	
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with a 3½ ft. base, to top, with brass cap mkd. T38S R12E ¼ S 2 S11 1957 Deposit a sandstone, 5x3x3 ins., mkd. with a cross (X) at the base of the post. Asc. 180 ft. over a broken NW. slope.	
59.20	Top of ascent; desc. 210 ft. over a broken SE. slope.	
73.80	Point for the witness cor. of secs. 1, 2, 11 and 12. Set an Iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R12E S 2 | S 1 S11 | S12 1957	
80.00	True point for the cor. of secs. 1, 2, 11 and 12, falls in the bottom of an inaccessible box canyon.	
	Land, broken desert. Soil, exposed sandstone with sand in the pockets. No timber. Undergrowth, very scant black brush, yucca and grass.	

Chains	
	North, between secs. 1 and 2.
	Counting dist. from the true point for the cor. of secs. 1, 2, 11 and 12.
	Over broken desert land, through very scant undergrowth; asc. 290 ft. over a broken SE. sandstone slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S2|S1 1957
	Asc. 300 ft. over a broken SE. slope.
66.70	Ridge, bears NE. and SW.; desc. 170 ft. over a broken N. slope.
79.91	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.
	Land, broken desert. Soil, sandstone, with sand in the pockets. No timber. Undergrowth, very scant black brush, bitter brush, yucca and grass.
	Beginning at the true point for the cor. of secs. 15, 16, 21 and 22.
	Thence.
	N. 89° 54' W., between secs. 16 and 21.
	Over badly broken desert land, through scant undergrowth; asc. 110 ft. over a series of sandstone ribs, knobs and crevices putting to the S.
27.90	Top of ascent; desc. 110 ft. along a broken S. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R12E ¼ S16/S21 1957
	Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.
	Desc. 80 ft. over a series of sandstone ribs and crevices putting to the S.
65.00	Sandstone wash, 1.00 ch. wide, 4 ft. deep, drains SW.; thence along a S. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E S17 | S16 S20 | S21 1957
	Land, badly broken desert. Soil, sandstone with sand in the pockets. No timber. Undergrowth, scant black brush, mountain rush, grass and weeds.
	N. 0° 03' W., between secs. 16 and 17.
	Over broken desert land, through scant undergrowth; asc. 50 ft. over a S. sandstone slope.
8.60	High sandstone spur, projects SW.
15.00	S. rim of deep sandstone draw, drains SW.
19.00	N. rim of draw; asc. 80 ft. over a S. sandstone slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R12E ¼ S17 | S16 1957
	Asc. 240 ft. over a broken S. slope of sandstone slick rock.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E S 8 | S 9 S17 | S16 1957
	Land, broken desert. Soil, sandstone slick rock. No timber. Undergrowth, scant black brush, bitter brush and yucca.
	From the cor. of secs. 9, 10, 15 and 16.
	N. 89° 54' W., between secs. 9 and 16.
	Over broken desert land, through scant undergrowth; desc. 140 ft. over a NW. slope of sandstone slick rock.
15.70	Sandstone draw, drains SW.; asc. 280 ft. along a broken SE. sandstone slope.

Portion of the Subdivision, T. 38 S., R. 12 E.

Chains	
40.05	Point for the ¼ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 5 ft. base to top, with brass cap mkd. T38S R12E ¼ S.9 S16 1957
	Asc. 150 ft. over a broken SE. sandstone slope.
74.40	S. edge of sandy bench, bears E. and W.; desc. 40 ft. over a SW. slope.
80.10	The cor. of secs. 8, 9, 16 and 17.
	Land, broken desert. Soil, sandstone slick rock, with some sand in the pockets. No timber. Undergrowth, very scant black brush, bitter brush and yucca.
	Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 12 E.
	Thence
	N. 0° 03' W., between secs. 32 and 33.
	Over broken and rolling desert land, through scant undergrowth; asc. 20 ft. over a S. sandstone slope.
3.80	Sandstone spur, projects E.; desc. 90 ft. over a N. slope.
19.10	Old wagon road, bears N. 70° W. and S. 70° E.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R12E ¼ S32 | S33 1957
	Asc. 50 ft. over a S. slope.
70.30	Sandstone knob; desc. 30 ft. over a N. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, 3½ ft. base to top, with brass cap mkd. T38S R12E S29 | S28 S32 | S33 1957
	Land, rolling desert. Soil, exposed sandstone with sand in the pockets. No timber. Undergrowth, scant black brush, sagebrush, yellow brush, grass and weeds.
	Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 12 E.
	Thence
	N. 0° 03' W., between secs. 31 and 32.

Chains	
	Over rolling desert land, through scant undergrowth; asc. 60 ft. over sandstone slick rock, facing to the S.
21.50	Sandstone knob; desc. 50 ft. over slick rock facing N.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S31 | S32 1957
	Over rolling land.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R12E S30 | S29 S31 | S32 1957
	Land, rolling desert. Soil, exposed sandstone with sand in the pockets. No timber. Undergrowth, scant black brush, sagebrush, mountain rush, grass and weeds.
	Beginning at the cor. of secs. 28, 29, 32 and 33.
	Thence
	N. 89° 54' W., between secs. 29 and 32.
	Over rolling desert land, through scant undergrowth; desc. 70 ft. over a gentle W. sandstone slope.
39.98	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R12E ¼ S29 S32 1957
57.10	Wash, 20 lks. wide, 1 ft. deep, drains S. 60° W.
68.40	Recross same wash, drains N. 20° W.
79.96	The cor. of secs. 29, 30, 31 and 32.
	Land, gently rolling desert. Soil, exposed sandstone with sand in the pockets. Timber, none. Undergrowth, scant sagebrush, black brush, yellow brush and weeds.

Township 38 South, Range 12 East

Chains

General Description

All of Township 38 South, Range 12 East is drained west into the Colorado River by Moqui Canyon, and its tributary, North Gulch Canyon. North Gulch Canyon joins Moqui Canyon in section 21, and this system leaves the township on the west boundary of section 18. Maximum elevation of 4858 ft. above sea level is in the extreme northeast portion of the township; minimum elevation of 3500 ft. is found in the bottom of Moqui Canyon as it leaves the township. The southern portion is covered with sand and occasional barren sandstone knobs. Huge dunes have spilled over the south wall of Moqui Canyon. North of Moqui Canyon the land is much more rugged, with a series of sandstone shelves stepping down from the higher benches.

There are two springs in this township, one is located in section 17, and the other in section 18. Both are situated in the bottom of side canyons to Moqui Canyons.

Timber, composed of scrub pinion and juniper, grades from none in the south to medium heavy stands in the northern sections. Groves of cottonwood trees are located in the bottom of Moqui Canyon.

Some grasses are found in the higher elevations in the north. Considerable grass is found in the bottom of the canyons, and this supply sustains the limited number of cattle found within the township.

Chains		Chains
	... undergrowth; asc. 60 ft. ov...	
	... pockets. Timber, none.	
	... black brush, yellow brush and weeds.	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
Milon S. Ellett	Chainman
Parley Pratt	Flagman
Richard N. Brand	Axeman
Max L. Sevy	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, i

pursuance of special instructions bearing date of the 27th day of August, 19

I have surveyed the north boundary and a portion of the subdivision of T. 38 S.,

R. 12 E.

of the Salt Lake Meridian, in the State of Utah, which a

represented in the foregoing field notes as having been executed by me and under my direction; and th

said survey has been made in strict conformity with said instructions, the Manual of Instructions for t

Survey of the Public Lands of the United States, and in the specific manner described in the foregoi

field notes.

Salt Lake City, Utah

February 24, 1958

Fred R. Chappell

Fred R. Chappell
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*__

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 19[illegible] I have ~~surveyed~~ supervised the survey of the north boundary and a portion of the subdivision of T. 38 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 under my supervision ~~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.

Salt Lake City, Utah

February 24, 1958

Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 22 1958, *19*

The foregoing field notes of the survey of the north boundary and a portion of the subdivision of T. 38 S., R. 12 E., SLM, Utah

executed ~~by~~ under the supervision of Vern E. Lane, Chief of Party

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

(September 1948)

199

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the Survey

of the

East Boundary, the North

Boundary, and a Portion of the

Subdivision of

Township 38 South, Range 13 East

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane	Cadastral Surveyor (Chief of Party)
Dell Cazier,	Cadastral Surveyor
D. A. Cannon	Cartographic Survey Aid
Alburn D. Griffin	Cartographic Survey Aid

Under special instructions dated May 13, *19* 55, *which provided for the surveys included under Group No.* 405, *approved* May 31, 1955 *and assignment instructions dated* July 9, *19* 57

Survey commenced August 26, *19* 57

Survey completed September 11, *1957*

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

2473

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Alburn D. Griffin _____
Dell Cazier _____
D. A. Cannon _____

16—85770-1

2472

Township 38 South, Range 13 East

Chains

The west boundary was surveyed by R. C. Yundt in 1930 and is described in the field notes of the survey of the range-line between Rs. 12 and 13 E., T. 38 S. The south boundary was surveyed concurrently by D. A. Cannon, and is described in the field notes of the survey of T. 39 S., R. 13 E.

The following field notes are those of the survey of the east boundary, the north boundary, and a portion of the subdivisional lines of T. 38 S., R. 13 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered State school sections.

The survey was executed with two W. & L. E. Gurley transits Nos. 541331 and 541326, constructed in accordance with standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in proper adjustment prior to the beginning of the field work. They were tested and checked frequently during the progress of the survey.

The direction of all lines being reported are determined by deflecting from meridians established by observations upon Polaris and the sun, throughout the survey.

Corners on latitudinal lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method but for the simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a steel tape, eight chains in length, graduated every link for the first chain, and thereafter at intervals of ten links. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were on the slope, the vertical angle of each interval determined by use of clinometers, and the slope distances properly reduced to horizontal equivalents. All lines of this survey were run by direct methods where the lines are accessible; the inaccessible lines were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The geographic value for the southeast corner of the township is latitude 37° 25' 57.579" N., longitude 110° 25' 08.960" W., as determined by section-line traverse from U.S.G.S. Triangulation Station "Moki", situated near the east boundary of section 31, T. 38 S., R. 14 E.

The magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be 15° 00' E.

West boundary, T. 38 S., R. 13 E.

[illegible] and 39 S., [illegible] 13 and 14 E., monumented by an [illegible] ins. diam., [illegible] set, mkd. and witnessed as described [illegible] field notes of the survey of T. 39 S., R. 13 E.

[illegible], bet. secs. 31 and 36.

Over rolling land, through scattered timber; asc. 120 ft. over SW. slope.

East Boundary, T. 38 S., R. 13 E.

Chains

From the cor. of Ts. 38 and 39 S., Rs. 13 and 14 E., monumented by an iron post, 2½ ins. diam., firmly set, mkd., and witnessed as described in the field notes of the survey of T. 39 S., R. 13 E.

North, bet. secs. 31 and 36.

Over rolling land, through scattered timber; asc. 120 ft. over SW. slope.

33.40 Ridge, bears NE. and S. 20° W.; thence over nearly level land.

40.00 Point for the ¼ sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38S
R13E | R14E
¼
S36 | S31
1957

Cont. over nearly level land, desc. 20 ft.

53.20 Base of ascent, bears E. and W.; asc. 80 ft. over broken S. slope.

65.50 Top of ascent, bears NE. and SW.; desc. 30 ft. along W. slope.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T38S
R13E | R14E
S25 | S30
S36 | S31
1957

Land, rolling and broken.
Soil, shallow sand and exposed sandstone.
Timber, scattered pinion and juniper
Undergrowth, blackbrush, sage, Brigham tea.

North, bet. secs. 25 and 30.

Over rolling and broken land, through scattered timber; asc. 40 ft. along W. slope.

2.00 Top of ascent, bears E. and W.; desc. 110 ft. over NW. slope.

13.00 Top of steep descent, bears NE. and SW.; desc. 70 ft. over ledge and gentle NW. slope.

40.00 Point for the ¼ sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

T38S
R13E | R14E
¼
S25 | S30
1957

East Boundary, T. 38 S., R. 13 E.

Chains	
	Cont. over NW. slope; desc. 40 ft.
43.20	Small wash, drains irregularly W.; cont. along W. slope; asc. 10 ft.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedorck, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38S
R13E | R14E
S24 | S19
S25 | S30
1957

Land, rolling.
Soil, shallow sand and exposed sandstone
Timber, scattered pinion and juniper.
Undergrowth, blackbrush, Brigham tea, locoweed.

	North, bet. secs. 19 and 24.
	Over rolling land, through scattered timber; desc. 80 ft. over NW. slope.
30.00	Small wash, drains irregularly W.; cont. over gentle NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38S
R13E | R14E
¼
S24 | S19
1957

	Desc. 70 ft. over NW. slope.
61.20	S. rim of gulch, ledge 20 ft. high, bears NW. and SE.; desc. 110 ft. over broken NE. slope.
66.60	Wash in bottom of gulch, 30 lks. wide, 5 ft. deep, drains NW.; asc. 60 ft. over steep SW. slope.
73.00	N. rim of gulch, ledge 30 ft. high, bears NW. and SE.; asc. 30 ft. over SW. slope.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

T38S
R13E | R14E
S13 | S18
S24 | S19
1957

Land, rolling and broken.
Soil, shallow sand and exposed sandstone.
Timber, scattered pinion and juniper.
Undergrowth, blackbrush, Brigham tea, sage.

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East Boundary, T. 38 S., R. 13 E.

Chains	
	North, bet. secs. 13 and 18.
	Over rolling land, through scattered timber; asc. 80 ft. over gentle S. slope.
21.90	Top of ascent, bears E. and N. 70° W.; desc. 40 ft. over NE. slope.
25.10	S. rim of small box canyon, ledge 20 ft. high, bears N. 60° W. and S. 80° E.; desc. 170 ft. over steep NE. slope.
31.00	Wash in bottom of canyon, 40 lks. wide, 6 ft. deep, drains NE.; asc. 170 ft. over steep SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38S R13E | R14E ¼ S13 | S18 1957
	Asc. 50 ft. over series of ledges facing W.
43.80	N. rim of box canyon, bears N. 10° W. and S. 10° E.; asc. 30 ft. along W. slope.
70.50	Spur, projects W.; desc. 30 ft. over N. slope.
80.00	Point for the cor. of secs. 7, 12, 13, and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, 3 ft. base, with brass cap mkd. T38S R13E | R14E S12 | S 7 S13 | S18 1957
	Land, rolling. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, blackbrush, sage yellowbrush.
	North, bet. secs. 7 and 12.
	Over rolling and broken land, through scattered timber; desc. 130 ft. over N. slope.
25.70	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E | R14E W C ¼ S12 | S7 1957

Chains	
26.00	S. rim of S. fork of Moqui Canyon, a ledge about 20 ft. high, bears S. 70° E. and NW.; desc. about 600 ft. over S. wall of canyon. Thence by tri.
36.00	Wash, drains N. 55° W., continue descent.
40.00	True point for the ¼ sec. cor. of secs. 7 and 12, falls on S. wall of canyon where the cor. cannot be perpetuated.
45.00	Wash in bottom of canyon, drains NW. on curve from S. 80° E.; asc. about 400 ft. over steep SW. slope of N. wall of canyon.
67.50	N. rim of canyon, bears N. 20° W. and S. 20° E.
67.77	Point selected for the witness cor. of secs. 1, 6, 7, and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

T38S
R13E R14E
W C
S 1 | S 6
S12 | S 7
1957

	Asc. about 20 ft. over ledgy S. slope.
68.10	Top of narrow spur, projects W. about 2.00 chs. to end; this point is also the S. rim of Moqui Canyon, bears SW. and N. 75° E.; desc. about 350 ft. over S. wall of Moqui Canyon.
80.00	True point for the cor. of secs. 1, 6, 7, and 12 falls on S. wall of Moqui Canyon where cor. cannot be perpetuated.
	Land, rough and broken. Soil, shallow and exposed sandstone. Timber, none. Undergrowth, blackbrush and sage.

	North, bet. secs. 1 and 6.
	Over broken land in bottom of Moqui Canyon; desc. about 50 ft. over steep NW. slope.
4.00	Wash in bottom of Moqui Canyon, drains irregularly S. 80° W.; asc. about 420 ft. over N. wall of canyon.
15.00	Top of spur on N. rim of Moqui Canyon, projects S. 60° W. about 1.50 chs. to end; desc. about 40 ft. along ledgy W. slope.
38.00	Wash, drains S. 60° W.; asc. S. slope.
40.00	True point for the ¼ sec. cor. of secs. 1 and 6 falls on face of ledge, facing S., where cor. cannot be perpetuated.
40.60	Top of ledge, bears S. 85° W. and N. 85° E. End of tri.
	Point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T38S
R13E R14E
¼
S 1 | S 6
W C
1957

East Boundary, T. 38 S., R. 13 E.

Chains	
	Asc. 90 ft. over SE. slope.
80.00	Point for the cor. of Ts. 37 and 38 S., Rs. 13 and 14 E. Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T37S R13E R14E S36 | S31 S 1 | S 6 T38S 1957 Deposit charcoal at base of iron post. Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, none. Undergrowth, blackbrush, sage, locoweed.

North Boundary, T. 38 S., R. 13 E.

Chains	
	From the cor. of Ts. 37 and 38 S., Rs. 13 and 14 E. N. 89° 57' W., bet. secs. 1 and 36. Over rough and broken land, through sparse timber; asc. 630 ft. over series of ledges facing SE.; by tri.
39.00	S. rim of bench, bears NE. and SW. End of tri.; asc. 20 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T37S R13E ¼ S36 S 1 T38S 1957 Asc. 20 ft. over SE. slope.
45.90	Top of ascent, bears N. 20° E. and S. 20° W.; desc. 160 ft. over W. slope.
70.30	Enter wash, 30 lks. wide, 1 ft. deep, drains W.; desc. 30 ft. along wash.
78.40	Leave wash, drains NW.; desc. 10 ft. over W. slope.
80.00	Point for the cor. of secs. 1, 2, 35, and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, 2½ ft. base, with brass cap mkd. T37S R13E S35 | S36 S 2 | S 1 T38S 1957 Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper.

North Boundary, T. 38 S., R. 13 E.

Chains	
	Undergrowth, balckbrush, sage and Brigham tea.
	N. 89° 57' W., bet. secs. 2 and 35.
	Over broken land; desc. 100 ft. over W. slope.
22.20	Wash, 80 lks. wide, 3 ft. deep, drains W. 2.00 chs., thence NW.; desc. 100 ft.
39.30	Wash, 20 lks. wide, 1 ft. deep, drains S. 80° W.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	T37S R13E ¼ S35/S 2 T38S 1957
	Cont. over W. slope; desc. 90 ft.
65.00	Small wash, drains SW.; asc. 20 ft. along S. slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground, to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
	T37S R13E S34 | S35 S 3 | S 2 T38S 1957
	Land, broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper. Undergrowth, blackbrush, sage, locoweed, and Brigham tea.
	N. 89° 57' W., bet. secs. 3 and 34.
	Over broken land; asc. 30 ft. over SE. slope.
5.60	Top of ascent, bears N. 60° E. and SW.; desc. 130 ft. over W. slope.
39.00	S. rim of North Gulch Canyon, bears NE. and SW.
	Point selected for the witness ¼ sec. cor. of secs. 3 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
	T37S R13E WC ¼ S34/S 3 T38S 1957

Chains	
	Desc. about 10 ft. over vertical ledge.
40.00	True point for the ¼ sec. cor. of secs. 3 and 34 falls on face of cliff where cor. cannot be perpetuated.
52.20	Wash, drains N. 30° W.; asc. NE. slope.
58.00	Top of ascent; desc. 30 ft. over NE. slope.
63.00	Wash, drains N. Desc. about 600 ft. over S. wall of canyon.
73.00	Wash in bottom of North Gulch Canyon, drains SW.; asc. about 80 ft. over steep SE. slope.
78.00	Top of ascent; desc. 10 ft. over SW. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T37S R13E S33 | S34 S 4 | S 3 T38S 1957
	Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper. Undergrowth, blackbrush, sage, locoweed, yellow brush, apple brush.
	N. 89° 57' W., bet. secs. 4 and 33.
	Over rough and broken land in bottom of North Gulch Canyon; asc. about 440 ft. over N. wall of canyon.
32.10	N. rim of North Gulch Canyon, bears NE. and SW.; asc. 40 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T37S R13E ¼ S33 S 4 T38S 1957
	Cont. over SE. slope; asc. 10 ft.
40.40	Top of ascent, bears NE. and SW.; desc. 290 ft. over W. slope.
69.65	S. rim of canyon, bears NE. and S.
	Point selected for the witness cor. of secs. 4, 5, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T37S R13E W S32 | S33 C S 5 | S 4 T38S 1957

North Boundary, T. 38 S., R. 13 E.

Chains	
	Desc. about 350 ft. over E. wall of canyon.
80.00	True point for the cor. of secs. 4, 5, 32, and 33 falls in an inaccessible position on canyon wall. Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, scant blackbrush, sage, and yellowbrush.
	N. 89° 57' W., bet. secs. 5 and 32. Over broken land, through scattered timber; by tri. desc. about 20 ft. over NW. slope in bottom of canyon.
3.50	Wash in bottom of canyon, drains SW.; asc. about 260 ft. over ledges on N. wall of canyon, facing SE.
28.00	Spur, projects S.; desc. about 80 ft. abruptly over steep W. slope.
31.00	Wash, drains S. 15° W.; asc. about 160 ft. over series of ledges on N. wall of canyon, facing SE.
40.00	True point for the ¼ sec. cor. of secs. 5 and 32 falls in inaccessible position on canyon wall where cor. cannot be perpetuated. Asc. about 50 ft. over ledges facing SE.
47.80	Point selected for the witness ¼ sec. cor. of secs. 5 and 32. End of tri. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T37S R13E ¼ S32 W / S 5 C T38S 1957 Asc. 60 ft. along S. slope.
54.10	Spur, projects S.; desc. 40 ft. over SW. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd. T37S R13E S31 | S32 S 6 | S 5 T38S 1957 Land, broken. Soil, shallow sand and exposed sandstone. Timber, none. Undergrowth, blackbrush, sage, Brigham tea.

North Boundary, T. 38 S., R. 13 E.

Chains	
	N. 89° 57' W., bet. secs. 6 and 31.
	Over broken land; desc. 60 ft. over SW. slope.
17.00	Head of wash, drains SW.; asc. 50 ft. over SE. slope.
36.90	Spur, projects S. 20° W.; desc. 40 ft. over W. slope.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.
	T37S R13E ¼ S31 S 6 T38S 1957
	Desc. 180 ft. over SW. slope.
78.70	The cor. of Ts. 37 and 38 S., Rs. 12 and 13 E. monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in official Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper. Undergrowth, blackbrush, Brigham tea, yellowbrush.

Portion of the Subdivision, T. 38 S., R. 13 E.

	From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set, mkd., and witnessed as described in the field notes of the survey of T. 39 S., R. 13 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling land, through thinly scattered timber; desc. 10 ft. over NE. slope.
3.00	Small wash, drains NW.; desc. 30 ft. over gentle NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T38S R13E ¼ S35 | S36 1957
	No suitable accessories available.
	Cont. over gentle NW. slope; desc. 50 ft.
80.00	Point for the cor. of secs. 25, 26, 35, and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T38S R13E S26 | S25 S35 | S36 1957

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
	No suitable accessories available.
	Land, rolling.
	Soil, sand and exposed sandstone.
	Timber, thinly scattered scrub juniper.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
	S. 89° 55' W., bet. secs. 25 and 36.
	Over rolling and broken land, through thinly scattered timber; desc. 100 ft. over steep W. slope.
4.50	Slope changes to NW.; desc. 150 ft.
40.07	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.
	T38S R13E ¼ S25/S36 1957
	Cont. over gentle NW. slope; desc. 30 ft.
58.60	Base of ascent, bears N. 20° E. and S. 10° W.; asc. 60 ft. over steep SE. slope.
62.80	Top of S. end of sandstone knob; desc. 70 ft. over steep W. slope.
80.14	The cor. of secs. 25, 26, 35, and 36.
	Land, rolling.
	Soil, sand and exposed sandstone.
	Timber, thinly scattered scrub juniper.
	From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., monumented by an iron post, firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 13 E.
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling land; asc. 80 ft. over SW. slope.
21.10	Top of ascent, bears NE. and SW.; desc. 120 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.
	T38S R13E ¼ S33|S34 1957
	Cont. over NW. slope; desc. 10 ft.
53.50	Wash, drains S. 60° W.; desc. 20 ft. over gentle NW. slope.

Chains	
80.00	Point for the cor. of secs. 27, 28, 33, and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T38S R13E S28 | S27 S33 | S34 1957 Deposit charcoal at base of iron post. Land, rolling. Soil, sand. Timber, none. Undergrowth, blackbrush, locoweed, sunflowers.
	N. 0° 02' W., bet. secs. 27 and 28, Over rolling land; desc. 30 ft. over gentle NW. slope.
15.80	Wash, drains SW.; asc. 50 ft. over gentle S. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28, Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38S R13E S28 | S27 1957 Asc. 10 ft. over SE. slope.
47.30	Top of ascent, sand dune, bears NE. and SW.; desc. 60 ft. over gentle NW. slope.
80.00	Point for the cor. of secs. 21, 22, 27, and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38S R13E S21 | S22 S28 | S27 1957 Land, rolling. Soil, sandy. Timber, none. Undergrowth, dense blackbrush, sage, yucca, and scrub oak.
	N. 0° 02' W., bet. secs. 21 and 22. Over rolling land; asc. 40 ft. over gentle SE. slope.
20.00	Spur, projects E.; desc. 60 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22,

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E ¼ S21|S22 1957 Desc. 40 ft. over NE. slope.
45.00	Slppe changes to N.; desc. 80 ft. over broken land.
55.00	S. rim of Moqui Canyon, bears E. and N. 80° W.; desc. 180 ft. over ledges on S. wall of canyon.
75.00	Wash, drains NE.; asc. 40 ft. over ledges along E. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E S16|S15 S21|S22 1957 Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none. Undergrwoth, scattered blackbrush, sage, scrub oak, Brigham tea.
	N. 0° 02' W., bet. secs. 15 and 16. Over broken S. wall of Moqui Canyon; by tri. desc. about 520 ft. over series of vertical ledges.
15.80	Wash in bottom of Moqui Canyon, drains irregularly W.; asc. about 240 ft. over steep S. slope.
18.00	End of ascent; desc. 50 ft. over NE. slope.
22.00	Wash, drains S. 50° W.; asc. S. slope.
25.00	Spur, projects SW.; cont. along ledge on precipitous W. slope.
40.00	True point for the ¼ sec. cor. of secs. 15 and 16 falls on face of ledge where cor. cannot be perpetuated. Slope changes to NW.; desc. about 240 ft.
51.00	Wash, drains SW.; asc. about 340 ft. over precipitous SE. slope.
58.90	Spur, projects SW. Point selected for the witness ¼ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E ¼ S16|S15 W C 1957 Asc. about 100 ft. along precipitous W. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E S 9 | S10 S16 | S15 1957 Land, broken breaks in Moqui Canyon. Soil, shallow sand and considerable exposed sandstone. Timber, none. Undergrowth, scattered blackbrush, bitterbrush, and Brigham tea.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rough and broken breaks in Moqui Canyon; asc. about 40 ft. over ledges along precipitous W. slope.
20.50	Wash, drains SW.; asc. S. slope.
	Asc. about 200 ft. over N. wall of canyon.
30.10	N. rim of Moqui Canyon, at head of small side canyon, bears E. and W.; asc. about 60 ft. over steep S. slope. End of tir.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E ¼ S 9 | S10 1957
	Cont. over steep S. slope; asc. 210 ft.
80.00	Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. T38S R13E S 4 | S 3 S 9 | S10 1957 Land, broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper. Undergrowth, blackbrush, sage, Brigham tea, and locoweed.
	N. 0° 04' E., bet. secs. 3 and 4.
	Over rolling and broken land, through scattered timber; asc. 20 ft. over S. slope.
11.00	Top of ascent, crest of bench, bears NE. and SW.; desc. 210 ft. over NW. slope.
36.10	Head of wash, drains S. 60° W.; asc. 30 ft. over S. slope.

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E ¼ S4|S3 1957 Asc. 10 ft. over S. slope.
43.00	Top of ascent, bears E. and W.; desc. 60 ft. over N. slope.
54.00	S. rim of North Gulch Canyon, bears NE. and SW.; desc. about 440 ft. over canyon wall, by tri.
74.60	Wash in bottom of North Gulch Canyon, drains SW.; asc. about 80 ft. over steep S. slope in bottom of North Gulch Canyon.
80.20	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp. Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, blackbrush, buckbrush, Brigham tea.
	From the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp. S. 0° 01' E., bet. secs. 2 and 3. Over rolling and broken land, through scattered timber; desc. 20 ft. over S. slope.
16.10	Wash, drains W.; asc. 120 ft. over N. slope.
40.14	Point for the ¼ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E ¼ S3|S2 1957 Cont. over N. slope; asc. 70 ft.
67.00	Spur, projects E.; desc. 50 ft. over SW. slope.
78.90	Point selected for the witness cor. of secs. 2, 3, 10, and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E S 3|S 2 S10|S11 W C 1957
80.14	True point for the cor. of secs. 2, 3, 10, and 11 falls on the face of ledge where cor. cannot be perpetuated. Land, rolling and broken. Soil, sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, blackbrush, locoweek, sage, and Brigham tea.
	From the true point for the cor. of secs. 2, 3, 10, and 11. East, bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., and the cor. of secs. 3, 4, 9, and 10, as specified in the special instructions. Over rolling and broken land, through scattered timber; asc. 140 ft. over W. slope.

Portion of the Subdivision of T. 38 S., R. 13 E.

Chains	
37.80	Top of ascent, bears N. and S.; desc. 10 ft. over steep slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.
	T38S R13E ¼ S 2 / S11 1957
	Thence by tri.; desc. 110 ft. over series of ledges on steep SE. slope.
60.00	Spur, projects S.; desc. about 200 ft. over series of ledges on steep SE. slope.
80.00	Point for the cor. of secs. 1, 2, 11, and 12. End of tri.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.
	T38S R13E S 2 | S 1 S11 | S12 1957
	Land, broken. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, scant blackbrush, Brigham tea, and sage.
	N. 0° 05' E., bet. secs. 1 and 2.
	Over broken land, through scattered timber; asc. 330 ft. over series of ledges on steep SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.
	T38S R13E ¼ S2 | S1 1957
	Slope changes to SW.; asc. 30 ft.
64.00	Top of ascent, bears NE. and SW.; desc. 30 ft. along W. slope.
80.12	The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp.
	Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, blackbrush, Brigham tea, and locoweed.
	From the cor. of secs. 15, 16, 21, and 22.
	S. 89° 58' W., bet. secs. 16 and 21.
	Over rough and broken land; asc. 110 ft. over steep NE. slope.
5.90	Top of ascent, S. rim of Moqui Canyon, bears N. and S.; 20° W.; thence by tri. desc. about 340 ft. over series of ledges on precipitious NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.
	T38S R13E ¼ 16 / 21 1957

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
	Desc. about 260 ft. over series of ledges on S. wall of Moqui Canyon, facing NW.
50.00	Wash in bottom of Moqui Canyon, drains S. from NW.; asc. about 300 ft. over N. wall of canyon.
61.00	Spur, projects S. 20° W., about 8.00 chs. to end; desc. about 30 ft. over steep W. slope.
66.50	Wash, drains S. 10° W.; asc. about 130 ft. over precipitous SE. slope on N. wall of Moqui Canyon.
80.00	Point for the cor. of secs. 16, 17, 20, and 21. End of tri. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E S17 | S16 S20 | S21 1957 Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, none. Undergrowth, blackbrush, and sage.
	N. 0° 03' W., bet. secs. 16 and 17. Over rough and broken land, through thinly scattered timber; asc. 240 ft. over steep SE. slope.
12.00	N. rim of Moqui Canyon, bears N. 60° E. and S. 60° W.; asc. 160 ft. over broken top of bench on SE. slope
28.60	Top of ascent, bears E. and W.; desc. 40 ft. over NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E ¼ S17 | S16 1957 Slope changes to NW.; desc. 70 ft.
62.30	Wash, drains SW.; asc. 70 ft. over SW. slope.
78.60	Point selected for the witness cor. of secs. 8, 9, 16, and 17. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13 E S8 | S9 S17 | S16 SW CS1 1957
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on the face of ledge where cor. cannot be perpetuated. Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, thinly scattered pinion and juniper. Undergrowth, blackbrush, Brigham tea, and yucca.
	From the cor. of secs. 9, 10, 15, and 16.

Chains	
	S. 89° 52' W., bet. secs. 9 and 16.
	Over rough and broken breaks in branch of Moqui Canyon, through thinly scattered timber; by tri. desc. about 200 ft. over precipitous W. slope.
8.00	Wash in bottom of canyon, drains S.; asc. about 550 ft. over precipitous E. slope of canyon wall.
22.50	W. rim of canyon, bears N. 10° E. and S.; asc. about 40 ft. along ledgy S. slope. End of tri.
40.01	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd. T38S R13E ¼ S 9 / S16 1957
	Asc. 60 ft. over SE. slope.
56.10	Spur, projects SW.; desc. 190 ft. over broken SW. slope.
80.02	The true point for the cor. of secs. 8, 9, 16, and 17.
	Land, broken. Soil, shallow sand and exposed sandstone. Timber, scattered pinion and juniper. Undergrowth, blackbrush, bitterbrush, and Brigham tea.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 13 E.
	N. 0° 03' W., bet. secs. 32 and 33.
	Asc. 120 ft. over rolling SE. slope.
38.00	S. rim of low island mesa; bears NE. and NW.; thence over nearly level top of mesa.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to bedrock, with brass cap mkd. T38S R13E ¼ S32 | S33 1957
	No suitable accessories available.
	Cont. over level top of mesa.
46.00	N. rim of mesa, bears NW. and SE.; desc. 140 ft. over rolling NE. slope.
80.00	Point for the cor. of secs. 28, 29, 32, and 33.

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to bedrock, with brass cap mkd. T38S R13E S29 | S28 S32 | S33 1957 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of iron post. Land, rolling. Soil, sand and exposed sandstone. Timber, none. Undergrowth, blackbrush and weeds.
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp. monumented by an iron post, 2½ ins. diam., firmly set, mkd., and witnessed as described in the field notes of the survey of T. 39 S., R. 13 E. N. 0° 03' W., bet. secs. 31 and 32. Over nearly level land on gentle W. slope; no timber.
19.00	Small wash, 10 lks. wide, 1 ft. deep, drains SW.; cont. over nearly level land; asc. 10 ft.
27.00	Top of ascent, bears E. and W.; desc. 10 ft. over gentle NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38S R13E ¼ S31 | S32 1957 Cont. over gentle NW. slope; desc. 30 ft.
80.00	Point for the cor. of secs. 29, 30, 31, and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd. T38S R13E S30 | S29 S31 | S32 1957 Land, gently rolling. Soil, sand and exposed sandstone. Timber, none. Undergrowth, weeds.
	From the cor. of secs. 28, 29, 32, and 33. S. 89° 57' W., bet. secs. 29 and 32. Over gently rolling land; no timber.

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains	
.50	Small wash, drains N.; cont. over nearly level land on gentle N. slope.
12.00	Small wash, drains N. 20° E.; asc. 20 ft. over gentle [illegible] slope.
23.00	Top of ascent, bears N. and S.; desc. 20 ft. over gentle W. slope.
40.07	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to bedrock, with brass cap mkd. T38S R13E ¼ S29/S32 1957
	Deposit a sandstone, 6x12x2 ins., mkd. with a cross (X), at base of the iron post.
	Cont. over gentle NW. slope; desc. 80 ft.
80.14	The cor. of secs. 29, 30, 31, and 32.
	Land, rolling. Soil, sand and exposed sandstone. Timber, none. Undergrowth, weeds.

General Description

The land of T. 38 S., R. 13 E. is rolling for the most part, being cut by Moqui Canyon and its tributaries in the northern portion. These canyons are rimmed by vertical walls 350 ft. high throughout most of their lengths. There are also a number of mesas and buttes scattered throughout the township. The general elevation of the township is around 5000 ft. above sea level, with the lowest elevation being 1000 ft. lower in the bottom of Moqui Canyon at the west boundary near the ¼ sec. cor. of secs. 19 and 24. The highest elevation is 5566 ft. in sec. 36.

The residual sandy silt soil varies in depth and quality throughout the township. In the northern part of the township the soil is in patches with large areas of exposed sandstone. The township is covered with a varying density of dwarf juniper, pinion, and an undergrowth of black brush, bitterbrush, Brigham tea, gama grass, and weeds.

The south one-half of the township drains north into Moqui Canyon, whereas the north one-half is drained directly by Moqui Canyon, which drains W. Moqui Canyon enters the township at the east boundary, 3 chs. north of the northeast corner of sections 12, draining west, leaving the township at the west boundary approximately 25 chs. north of the northwest corner of section 30. North Gulch enters the township on the north boundary near the northwest corner of section 3, draining southwest to leave the township at the west boundary approximately 20 chains south of the northwest corner of section 7. The remainder of the drainage system consists of shallow washes and short tributary canyons.

Portion of the Subdivision, T. 38 S., R. 13 E.

Chains

There are two good springs within the township; Burnt Spring, located in section 26, and one other spring in section 29. It is probable that there are other springs and intermittent seeps along the bottom of Moqui Canyon and its deeper tributaries, but none were noted during the progress of this survey.

The only road in the area is a jeep road approximately 2 miles south of the south boundary. Access to the township for this survey was gained by use of helicopters.

There was no evidence of any use of the land noted during this survey other than the grazing of a small number of cattle.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Gary W. Rutledge	Chainamn
Richard J. Munson	Flagman
Ray D. Neilson	Axeman
Murcel D. Liston	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Dall Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 19__, I have surveyed a portion of the subdivision of Township 38 South, Range 13 East

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.

February 6, 1958

Salt Lake City, Utah

Dell Cazier

Dell Cazier
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*__

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel Bland	Principal Assistant
Paul D. Hanson	Chainman
Ortho J. Hatch	Flagman
Myrum J. Davis	Cornerman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Donald A. Cannon, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 19[illegible] I have surveyed a portion of the subdivision of Township 38 South, Range 13 East,

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.

February 6, 1958 — Donald A. Cannon

Salt Lake City, Utah — Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel Bland	Principal Assistant
Paul D. Hanson	Chainman
Ortho J. Hatch	Flagman
Myrum J. Davis	Cornerman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Alburn D. Griffin, HEREBY CERTIFY upon honor that in pursuance of special instructions bearing date of the 13th day of May, 19[illegible] I have surveyed the east and north boundaries and a portion of the subdivision of Township 38 South, Range 13 East,

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.

February 6, 1958 — Alburn D. Griffin

Salt Lake City, Utah — Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53868-8

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 19[illegible] I have ~~surveyed~~ supervised the survey of the east boundary, the north boundary, and a portion of the subdivision of Township 38 South, Range 13 East,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~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.

February 6, 1958

Salt Lake City, Utah

Vern E. Lane
Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 30 1958, *19*

The foregoing field notes of the survey of the east boundary, the north boundary, and a portion of the subdivision of T. 38 S., R. 13, E., SLM, Utah

executed ~~by~~ under the supervision of Vern E. Lane (Chief of Party)

having been critically examined and found correct, are hereby approved.

Earl G. Harrington
Cadastral Engineering Staff Officer.

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 14 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Dell Cazier - Cadastral Surveyor

Under special instructions dated May 13, *1955*, *which provided for the surveys included under Group No.* 405, *approved* May 31, 1955 *and assignment instructions dated* July 9, *1957*

Survey commenced August 16, *19* 57

Survey completed September 10, *19* 57

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 38 South, *Range* 14 East

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16—56770-1

Chains

The east boundary was surveyed by R. C. Yundt in 1930. The south and west boundaries were concurrently surveyed in 1957 under Group 405. The west boundary was surveyed by D. A. Cannon and its record appears in the field notes of the survey of T. 38 S., R. 13 E. The south boundary was surveyed by Dell Cazier and its record appears in the field notes of the survey of T. 39 S., R. 14 E.

The following field notes are those of the survey of the north boundary and a portion of the subdivision of T. 38 S., R. 14 E., deemed sufficient in extent to facilitate development of the natural resources and to mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. and L. E. Gurley transit, serial No. 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximate as scaled from U.S.G.S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by other numerous altitude observations on the sun, taken throughout the progress of the survey.

The geographic position of the southeast corner of the township is at latitude 37° 25' 57.433" N. and longitude 110° 18' 37.883" W., as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township, and the average of these readings was found to be 15° E.

U. S. GOVERNMENT PRINTING OFFICE 16—28280-2

North Boundary of T. 38 S., R. 14 E.

Chains	
	Beginning at the cor. of Ts. 37 and 38 S., Rs. 14 and 15 E., which is mkd. by an iron post, 3 ins. diam., firmly set, mkd., and witnessed as described in the official record of the 1930 survey of the Range Line bet. Rs, 14 and 15 E., T. 38 S.
	N. 89° 56' W., bet. secs. 1 and 36.
	Over broken canyon land.
	By triangulation; desc. about 240 ft. over broken SW. facing ledges.
15.00	Wash, near head, drains S.; asc. about 90 ft. over SE. facing ledges.
22.50	Short spur, projecting S.; desc. about 440 ft. over W. facing ledges.
34.00	Base of ledges; desc. about 160 ft. over boulder strewn W. sloping talus.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36; end of triangulation.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
	T37S R14E ¼ S36 S 1 T38S 1957
	Continue to desc. 300 ft. over boulder strewn W. sloping talus.
55.50	Wash in the bottom of Moqui Canyon, 30 lks. wide, 2 ft. deep, drains N. 80° W. on curve from S.; thence over nearly level stream valley.
73.00	Same wash, drains SW. on curve from N. 60° E.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T37S R14E S35 | S36 S 2 | S 1 T38S 1957
	Deposit a sandstone, 6x6x2 ins., mkd. with a cross (X) alongside iron post.
	Land, E. ½ broken canyon land, W. ½ nearly level stream valley. Soil, E. ½ shallow sandy with exposed sandstone, W. ½ deep sandy. Timber, E. ½ scattered dwarf juniper and pinion, W. ½ none. Undergrowth, E. ½ scattered artemesia, W. ½ weeds.
	N. 89° 56' W., bet. secs. 2 and 35.
	Over nearly level stream valley, in bottom of Moqui Canyon.
5.00	Wash in bottom of Moqui Canyon, 20 lks. wide, 2 ft. deep, drains NW.; asc. 160 ft. along steep, boulder strewn N. sloping talus.
31.00	Spur, sloping N.; desc. 120 ft. over W. slope.

U. S. GOVERNMENT PRINTING OFFICE 16—28820-2

North Boundary of T. 38 S., R. 14 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R14E ¼ S35 S 2 T38S 1957
41.50	Wash, 10 lks. wide, 1 ft. deep, drains NW.; asc. 80 ft. over steep E. slope.
51.00	Spur, sloping N.; desc. 120 ft. over steep W. slope.
58.50	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. 450 ft. over E. facing ledges.
74.00	Spur, projecting N.; desc. 120 ft. over W. facing ledges.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in notch cut in soft sandstone, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R14E S34 | S35 S 3 | S 2 T38S 1957
	Land, broken canyon. Soil, shallow sandy silt with exposed sandstone. Timber, scattered juniper and pinion. Undergrowth, scattered bitter brush, silverleaf, mountain rush and black brush.
	N. 89° 56' W., bet. secs. 3 and 34.
	Over broken canyon land, along S. rim of Moqui Canyon.
	Desc. 120 ft. over W. facing ledges.
4.00	Wash, 10 lks. wide, 1 ft. deep, drains N.; asc. 420 ft. over nearly vertical E. facing ledges.
16.00	Spur, projecting N. 30° E.; desc. about 280 ft. over steep and talus NW. slope.
35.00	Top of ledges, bears N. 60° E. and SW.; desc. about 350 ft. over steep W. sloping talus.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T37S R14E ¼ S34 S 3 T38S 1957
	Desc. 120 ft. over steep W. sloping talus.

Chains	
45.00	Wash, near head, drains NE.; asc. 440 ft. over nearly vertical NE. facing ledges.
55.00	Spur, projecting NE.; desc. 480 ft. over nearly vertical NW. facing ledges.
73.00	Base of ascent, bears N. and S.; asc. 100 ft. over steep NE. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R14E
S33 | S34
S 4 | S 3
T38S
1957

Land, broken canyon land.
Soil, shallow sandy silt, with exposed sandstone.
Timber, scattered dwarf juniper and pinion.
Undergrowth, scattered bitter brush, mountain rush, silverleaf and black brush.

N. 89° 56' W., bet. secs. 4 and 33.

By triangulation; asc. about 600 ft. over NE. facing ledges. Distances to topography are approx. as scaled from U.S.G.S. topographic sheets.

40.00	Spur, projecting W. on curve from SE.
	Point for the ¼ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R14E
¼ S33
S 4
T38S
1957

Continue over nearly level land on top of spur.

50.00	S. rim of Moqui Canyon; by triangulation desc. about 400 ft. over NW. facing ledges.
73.00	End of triangulation; thence over nearly level stream valley.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T37S R14E
S32 | S33
S 5 | S 4
T38S
1957

Deposit a sandstone, 6x8x4 ins., mkd. with a cross (X) alongside the iron post.

U. S. GOVERNMENT PRINTING OFFICE 80-25580-2

North Boundary of T. 38 S., R. 14 E.

Chains	
	Land, broken canyon land. Soil, shallow sandy silt, with exposed sandstone. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered bitter brush, mountain rush, silverleaf and black brush.
	N. 89° 56' W., bet. secs. 5 and 32. Over nearly level stream valley.
1.50	Small wash, drains NW. about 2 chs. to junction with wash in Moqui Canyon.
22.00	Wash in the bottom of Moqui Canyon, 1 ch. wide, 3 ft. deep, drains SW. from NE.
23.00	Leave stream valley; asc. about 400 ft. over steep SE. sloping, boulder strewn talus.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T37S R14E ¼ S32 / S 5 T38S 1957 By triangulation; asc. about 100 ft. over SE. facing ledges.
45.00	Spur on N. wall of canyon, projecting SW.; desc. about 500 ft. over NW. facing ledges.
65.00	Wash, 20 lks. wide, 2 ft. deep, drains SW.
70.00	Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. about 400 ft. over E. facing ledges.
80.00	End of triangulation on N. rim of canyon, bears SW. and N. 20° E. Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 3 ft. base to top, with brass cap mkd. T37S R14E S31 | S32 S 6 | S 5 T38S 1957 Land, rough and broken breaks in Moqui Canyon. Soil, shallow sandy silt. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and silverleaf.
	N. 89° 56' W., bet. secs. 6 and 31. Over rolling land, through scattered dwarf juniper and pinion.
21.00	Small wash, drains S. 30° E.; asc. 90 ft. over SE. slope.

North Boundary of Ts. 38 S., R. 14 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T37S R14E ¼ S31/S 6 T38S 1957
	Deposit a sandstone, 6x10x3 ins., mkd. with a cross (X) alongside iron post.
	Continue over rolling land.
62.00	Wash, 50 lks. wide, 2 ft. deep, drains S.
72.00	Wash, 40 lks. wide, 2 ft. deep, drains SE.
77.87	The cor. of Ts. 37 and 38 S., Rs. 13 and 14 E., which is mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38 S., R. 13 E., surveyed concurrently under this same group.
	Land, rolling. Soil, sandy silt. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	Portion of the Subdivision, T. 38 S., R. 14 E.
	Beginning at the true point for the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, which bears S. 89° 58' E., 2 chs. dist. from its witness cor., which is mkd. with an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 14 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Asc. 100 ft. over broken SE. facing ledges.
6.80	Rim of mesa, thence over rolling land, through scattered dwarf juniper and pinion; asc. 250 ft.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T38S R14E ¼ S35 | S36 1957
	Continue over mesa top.
56.40	Top of ascent, bears NE. and SW.; desc. 260 ft. over broken NW. facing ledges.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T38S R14E S26 | S25 S35 | S36 1957 Land, broken canyon land. Soil, shallow with large areas of exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. N. 89° 55' W., bet. secs. 25 and 36. Over broken land, through scattered timber.
3.15	E. rim of canyon. By triangulation; desc. about 300 ft. over precipitous W. slope.
20.00	Wash in bottom of canyon, drains S. 10° W.; asc. about 160 ft. over ledges on steep SE. slope of canyon wall.
40.02	True point for the ¼ sec. cor. of secs. 25 and 36 falls on face of ledge, 40 ft. high, bears NE. and SW., where it is impractical to set the monument; asc. about 100 ft.
43.00	W. rim of Steer Pasture Canyon; end triangulation. Point selected for the witness ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R14E ¼ S25 → WC S36 1957 Asc. 290 ft. over steep E. slope.
61.80	Narrow sandstone butte; desc. 200 ft. over NW. facing ledges.
70.00	Base of butte, continue to desc. 200 ft. over broken W. facing ledges.
80.04	The cor. of secs. 25, 26, 35 and 36. Land, broken canyon lands. Soil, shallow sandy, with large areas of exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	Beginning at the cor. of secs. 3, 4, 33 and 34 on the S. bdy., which is mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 14 E. N. 0° 02' W., bet. secs. 33 and 34. By triangulation; desc. about 120 ft. over broken N. facing ledges.
7.50	Wash, drains NW. from N. 80° E.; asc. about 20 ft. along W. slope.
31.90	Spur, projecting W.; end of triangulation; desc. 80 ft. over NW. slope.

Chains		Chains
35.00	Wash, 20 lks. wide, 1 ft. deep, drains N. 40° W.	
40.00	Point for the ¼ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd. T38S R14E ¼ S33 | S34 1957 Deposit a sandstone, 4x6x2 ins., mkd. with a cross (X) at the base of the post. Desc. about 200 ft. over N. slope.	
62.00	Wash, 20 lks. wide, 1 ft. deep, drains W.; asc. 70 ft. over SW. slope.	
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R14E S28 | S27 S33 | S34 1957 Land, rolling sandy spurs. Soil, deep sandy. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, none.	
	N. 0° 02' W., bet. secs. 27 and 28. Over rolling land; desc. 70 ft. over NW. slope.	
11.00	Wash, 30 lks. wide, 2 ft. deep, drains S. 50° W.; asc. 180 ft. over SE. slope.	
22.00	Base of ascent, bears NE. and SW.; asc. 120 ft. along W. slope of spur.	
28.00	S. edge of flat spur, projecting SW.; thence over rolling W. slope.	
40.00	Point for the ¼ sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R14E ¼ S28 | S27 1957 Desc. 80 ft. over NW. slope of spur; thence over series of sandy spurs, projecting W.	
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd. T38S R14E S21 | S22 S28 | S27 1957	

Chains	
	Deposit a sandstone, 6x4x4 ins., mkd. with a cross (X) alongside iron post. Land, rolling. Soil, deep, sandy. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, none.
	N. 0° 02' W., bet. secs. 21 and 22. Over series of small washes and sandy spurs, putting SW.
2.00	Wash, 20 lks. wide, 1 ft. deep, drains S. 10° W.
22.50	Wash, 30 lks. wide, 2 ft. deep, drains S. 20° W. from N. 30° E.; asc. 50 ft. over SE. slope.
39.00	Wash, 20 lks. wide, 1 ft. deep, drains SE.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd. T38S R14E ¼ S21 | S22 1957
55.00	Leave rolling land; thence asc. 280 ft. over steep SE. sloping slick-rock.
74.00	W. rim of canyon, bears N. 30° E. and S. 20° W.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R14E S16 | S15 S21 | S22 1957 Deposit a sandstone, 8x4x6 ins., mkd. with a cross (X) alongside the iron post. Land, rolling. Soil, S. ½ deep sandy, N. ½ exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	N. 0° 02' W., bet. secs. 15 and 16. Asc. 50 ft. over rolling land, with a gentle SE. slope.
25.00	Top of ascent, bears NE. and SW.; desc. 100 ft. over ledgy NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	Remarks
	T38S R14E ¼ S16|S15 1957
	Desc. 280 ft. over NW. facing ledges.
47.00	Wash, near head, drains NW.; asc. 50 ft. along steep W. sloping slickrock.
64.00	Spur, sloping W.; desc. 200 ft. over steep NW. sloping slickrock.
71.00	End of descent; thence over rolling sandy land.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T38S R14E S 9|S10 S16|S15 1957
	Deposit a sandstone, 6x8x4 ins., mkd. with a cross (X) alongside iron post.
	Land, broken canyon land. Soil, sandy, with exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling land; desc. 160 ft. over N. slope.
27.50	S. rim of branch of Moqui Canyon, bears NE. and W.; by triangulation cross canyon.
	Desc. about 520 ft. over S. wall of canyon.
40.00	True point for the ¼ sec. cor. of secs. 9 and 10 falls in an inaccessible position on the S. wall of the canyon; desc. about 50 ft.
41.50	Wash in bottom of S. fork of Moqui Canyon, drains NW.; asc. about 570 ft. over N. wall of canyon.
54.00	Spur on N. rim of canyon, projects SW.
57.23	N. rim of canyon, bears N. 5° E. and S. 5° W.; end of triangulation.
	Point selected for the witness ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T37S R14E ¼ S 9|S10 M C 1957
67.00	Rim, bears NW.; asc. gradually.
78.70	Wash, 10 lks. wide, 1 ft. deep, drains SW. from S. 70° E.

Chains	
80.00	**Point for the cor. of secs. 3, 4, 9 and 10.** Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R14E S 4 | S 3 S 9 | S10 1957 Deposit a sandstone, 8x4x2 ins., mkd. with a cross (X) alongside iron post. Land, rolling. Soil, deep sandy silt. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, black brush and weeds.
	N. 0° 16' W., bet. secs. 3 and 4. Over rolling land, asc. 160 ft. over SE. slope.
35.00	Top of ascent, bears NE. and W.; desc. 40 ft. over NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R14E ¼ S 4 | S 3 1957 Desc. 140 ft. over NE. slope.
50.00	S. rim of Moqui Canyon, by triangulation desc. about 560 ft. over ledges, parallel to spur projecting N., about 5 chs. W.
79.58	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township. Land, S. ½ rolling, N. ½ broken canyon. Soil, S. ½ deep sandy silt, N. ½ shallow sandy silt, with exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	Beginning at the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township. S. 0° 01' E., bet. secs. 2 and 3. Over broken canyon land. By triangulation; asc. about 500 ft. over NW. facing broken ledges.
25.50	End of triangulation on spur sloping NE.; desc. about 60 ft. over E. facing broken ledges.
37.00	Spur, sloping SE.; desc. 80 ft. over SE. slope.
39.72	Point for the ¼ sec. cor. of secs. 2 and 3.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd,
	T38S R14E ¼ S 3 | S 2 1957
	Continue to desc. about 200 ft. over S. facing ledges.
45.00	Wash, near head, drains S. 70° E.; asc. about 360 ft. over NE. to E. facing ledges.
79.72	True point for the cor. of secs. 2, 3, 10 and 11 falls on narrow ledge where it is impractical to set the monument.
	True point is mkd. with a cross (X) cut in sandstone.
80.90	Point selected for the witness cor. of secs. 2, 3, 10 and 11 on W. rim of canyon.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	W C T38S R14E S 3 | S 2 S10 | S11 1957
	Land, broken canyon land. Soil, shallow sandy silt, with exposed sandstone. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and silverleaf.
	From the true point for the cor. of secs. 2, 3, 10 and 11.
	S. 89° 50' E., bet. secs. 2 and 11 on a theortical parallel connecting the cors. of secs. 1, 6, 7 and 12 on the E. bdy. and secs. 3, 4, 9 and 10, as specified in the special instructions.
	Over broken canyon rim.
	By triangulation; desc. about 440 ft. over E. facing ledges.
12.30	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. about 520 ft. over NW. facing ledges.
27.50	Spur, sloping NW.; desc. 50 ft. along steep N. slope.
37.00	Wash, near head, drains N. 30° W.; asc. 15 ft.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R14E ¼ S 2 / S11 1957
	Asc. about 280 ft. along steep slickrock ledges, facing NW.
50.00	Spur, sloping NW; desc. about 80 ft. over steep N. slope.

Chains	
60.00	Wash, near head, drains NW.; asc. about 280 ft. over steep W. sloping slickrock.
71.30	Spur, sloping N.; end of triangulation; desc. 210 ft. over E. facing ledges.
76.20	Point selected for the witness cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38S R14E S 2 | S 1 S11 | S12 → WC 1957
80.00	True point for the cor. of secs. 1, 2, 11 and 12 falls on the E. face of a ledge, where it is impractical to set the monument.
	Land, broken canyon land. Soil, shallow sandy silt. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and silverleaf.
	From the true point for the cor. of secs. 1, 2, 11 and 12.
	N. 0° 01' E., bet. secs. 1 and 2.
	Desc. about 160 ft. along E. facing ledges.
34.06	Spur, projecting E.
	Point selected for the witness ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	W C T38S R14E ¼ S 2 ↑ S 1 1957
	By triangulation; desc. about 200 ft. over nearly vertical NE. facing ledges.
40.00	True point for the ¼ sec. cor. of secs. 1 and 2 falls on the face of a ledge facing NE., where it is impractical to set the monument; desc. about 480 ft. over ledgy NE. slope.
60.00	Base of ledge, bears NW. and SE.; thence over steep NE. sloping boulder strewn talus; desc. about 200 ft.
70.00	Over nearly level stream valley.
77.00	Wash in bottom of Moqui Canyon, drains NW. on curve from NE.
79.96	The cor. of secs. 1, 2, 35 and 36 on the N. bdy.
	Land, broken canyon land. Soil, shallow sandy silt. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and silverleaf.

Chains	
	Beginning at the cor. of secs. 15, 16, 21 and 22.
	N. 89° 58' W., bet. secs. 16 and 21.
	Over rolling land.
15.00	Wash, 10 lks. wide, 2 ft. deep, drains S. 10° W.; asc. 50 ft. over E. slope.
36.00	E. rim of low mesa, bears N. and S., thence over nearly level top.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T38S R14E ¼ S16/S21 1957
42.00	W. rim of mesa, bears N. and S.; desc. 60 ft. over broken W. facing ledges.
45.00	Wash, 10 lks. wide, 2 ft. deep, drains N. 10° W.; continue to desc. 300 ft. over rolling land to sec. cor.
61.00	Wash, 20 lks. wide, 1 ft. deep, drains N. 30° W.
64.00	Wash, 10 lks. wide, 1 ft. deep, drains N. 15° W.
79.00	Wash, 10 lks. wide, 1 ft. deep, drains N. 40° W.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T38S R14E S17 | S16 S20 | S21 1957
	Deposit a sandstone, 4x8x2 ins., mkd. with a cross (X) at base of post.
	Land, rolling. Soil, sandy. Timber, very thinly scattered dwarf juniper and pinion. Undergrowth, blackbrush, greasewood and Brigham tea.
	N. 0° 03' W., bet. secs. 16 and 17.
	Over rolling land.
1.00	Wash, 10 lks. wide, 1 ft. deep, drains N. 10° W.
1.50	Same wash, drains N., irregularly.
8.50	Junction of washes from S. and E., drains N. 40° W.
16.00	Wash, 10 lks. wide, 1 ft. deep, drains W.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.

Portion of the Subdivision, T. 38 S., R. 14 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R14E ¼ S17 | S16 1957
	Deposit a sandstone, 6x8x4 ins., mkd. with a cross (X) at base of post.
	Desc. 80 ft. over N. slope.
53.00	Wash, 20 lks. wide, 1 ft. deep, drains NW.; asc. 20 ft. along W. slope.
73.00	Land, becomes broken; desc. 100 ft. over N. facing broken ledges.
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on sandstone boulder, 5 ft. diam., 3½ ft. high, where the monument cannot be perpetuated.
	True point is mkd. with a cross (X) cut in the surface of boulder.
80.10	Point selected for the witness cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R14E S 8 | S 9 S17 | S16 W C 1957
	Land, rolling. Soil, deep sandy. Timber, very thinly scattered dwarf juniper and pinion. Undergrowth, scattered artemesia.
	From the cor. of secs. 9, 10, 15 and 16.
	N. 89° 58' W., bet. secs. 9 and 16.
	Over rolling land.
	Desc. 160 ft. over W. slope.
10.60	Wash, 30 lks. wide, 3 ft. deep, drains N.; asc. 280 ft. over E. slope.
40.01	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd. T38S R14E ¼ S 9 S16 1957
	Asc. 10 ft. over E. slope.
40.70	Spur, sloping N. 40° E.; desc. 275 ft. over NW. slope.
67.00	Wash, 10 lks. wide, 2 ft. deep, drains N. 45° W.

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Chains	
74.00	Wash, 20 lks. wide, 1 ft. deep, drains N. 30° W.
80.02	True point for the cor. of secs. 8, 9, 16 and 17.
	Land, rolling. Soil, deep sandy. Timber, very thinly scattered dwarf juniper and pinion. Undergrowth, E. ½ weeds, W. ½ scattered black brush, bitter brush and cacti.
	Beginning at the cor. of secs. 4, 5, 32 and 33 on the S. bdy., which is mkd. with an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 14 E.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling sandy hills, sloping SE.
9.00	Wash, 20 lks. wide, 1 ft. deep, drains SE.; asc. 100 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T38S R14E ¼ S32 | S33 1957
	No suitable accessories available.
	Asc. 220 ft. along broken ledges facing SE. to sec. cor.
52.00	Wash, 20 lks. wide, 1 ft. deep, drains SE.
62.00	Wash, 20 lks. wide, 2 ft. deep, drains SE.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R14E S29 | S28 S32 | S33 1957
	Land, S. ½ rolling sandy hills, N. ½ broken sandstone ledges. Soil, S. ½ deep sandy, N. ½ exposed sandstone, sandy soil in pockets. Timber, thinly scattered dwarf juniper. Undergrowth, none on S. ½, scattered artemesia on N. ½.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy., which is mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 14 E., from which U.S.G.S. triangulation station "MOKI" bears N. 0° 38' W., 23.665 chs. dist.
	Geographic position of this station is latitude 37° 26' 12.993" N. and longitude 110° 24' 05.047" W.
	N. 0° 03' W., bet. secs. 31 and 32.

Chains	
	Over broken land.
	By triangulation; asc. about 240 ft. over broken SE. facing ledges.
3.00	Wash, 20 lks. wide, 1 ft. deep, drains S. 30° W.
21.25	End of triangulation on S. rim of mesa, bears SW. and N. 10° E., thence over nearly level mesa top.
24.10	N. rim of mesa, bears SW. and SE.; desc. 200 ft. over broken NW. facing ledges.
34.90	Point selected for the witness ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R14E W C ¼ S31 | S32 1957
	Continue to desc. 200 ft. over broken NW. facing ledges.
40.00	True point for the ¼ sec. cor. of secs. 31 and 32 falls on slickrock, sloping steeply NW., where it is impractical to set the cor.
	Continue to desc. 50 ft. over broken W. facing ledges.
43.10	Wash, 20 lks. wide, 2 ft. deep, drains generally W.; asc. 70 ft. over S. facing ledges.
62.00	Spur, sloping W.; desc. 40 ft. over N. slope.
68.00	Wash, near head, drains W.; asc. 20 ft. over S. slope.
76.00	Spur, sloping W.; desc. 30 ft. over N. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in soft, broken sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R14E S30 | S29 S31 | S32 1957
	Land, broken canyon land. Soil, shallow sandy in pockets and dunes, with large areas of exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, silverleaf, cacti and bitter brush.
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89° 54' W., bet. secs. 29 and 32.
	Asc. 120 ft. over SE. facing ledges.
6.00	Over rolling sand on spur projecting S.
21.00	Top of ascent, bears N. 30° E. and S. 30° W.; desc. 20 ft. over gentle W. slope.

Chains	
32.00	Desc. 50 ft. over broken W. facing ledges.
40.07	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R14E ¼ S29/S32 1957 Desc. 380 ft. over series of spurs and washes, sloping and draining S. to SW.
78.80	Spur, sloping N.; desc. 25 ft. along W. slope.
80.14	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, sandy silt. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and silverleaf.

GENERAL DESCRIPTION

There is considerabe variety in the physiography found in T. 38 S., R. 14 E. The general elevation of the township ranges from about 5000 to 6000 ft. above sea level, with the canyon bottoms being 1000 ft. lower and the highest point within the township, an isolated butte in the vicinity of the ¼ sec. cor. of secs. 24 and 25, being 521 ft. higher. Most of the northern and eastern portions are broken by deep canyons, rimmed with inaccessible vertical ledges. The western portion of the township has a fairly large area of rolling land. There are several isolated buttes scattered throughout the township.

The soil of the township is mostly residual sandy silt. The soil in the west part of the township has well developed A and B horizons, while that soil in the east portion of the township is shallow, with no horizons discernible. There are also large areas of exposed sandstone found throughout the eastern portion of the township. The shallow soil produces a scattered growth of dwarf juniper and pinion, with an undergrowth of black brush, bitter brush, mountain rush and cacti, while the deeper soil is covered with a dense growth of sun flowers and weeds.

Although the main drainage of the area is west, the drainage of the township is south and north into larger drainage systems, which then drain west. Steer Pasture Canyon enters the township at the east boundary near the ¼ sec. cor. of secs. 31 and 36, draining south to leave the township approximately 20 chains east of the southwest cor. of sec. 36. A deep tributary canyon of Castle Creek heads in the vicinity of sec. 24 draining southwest to leave the township approx. 10 chains east of the southwest cor. of sec. 35. Another large tributary to Castle Creek heads in the area of sec. 15, draining southwest to leave the township approx. 10 chains east of the southwest cor. of sec. 33. There are several other lesser tributaries in the south portion of the township draining southwest into Castle Creek. The north and west part of the township is drained north by many tributary canyons of Moqui Canyon, which roughly parallels the north boundary and drains west.

Township 38 South, Range 14 East

Chains

There were no permanent sources of water noted during the progress of this survey, but it is probable that there are intermittent seeps and springs along the bottom of Moqui and Steer Pasture Canyons.

There has been some limited prospecting along the lower reaches of Moqui and Steer Pasture Canyons, but there are no producing mines or patented claims within the township. Aside from this limited prospecting, the only utilization of the land is in the grazing of cattle.

The only road in the area is a jeep road, which follows along the bottom of Castle Creek approx. 1½ miles south of the south boundary of the township.

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Chains		Chains

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
John R. Koger	Principal Assistant
Ray D. Nielson	Chainman
Gary W. Rutledge	Flagman
Murcel D. Liston	Axeman
Douglas Monson	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1955, I have surveyed the north boundary and a portion of the subdivision of Township 38 South, Range 14 East

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.

June 2, 1958

Salt Lake City, Utah

Dell Cazier

Dell Cazier - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

_____

Cadastral Engineering Staff Officer.

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.

_____

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53865-8

53

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 195[illegible] I have ~~surveyed~~ supervised the survey of the north boundary and a portion of the subdivision of Township 38 South Range 14 East

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~~ under my supervision; 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.

June 2, 1958

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 30 1958, *19*

The foregoing field notes of the survey of the north boundary and a portion of the subdivision of Township 38 South, Range 14 East, Salt Lake Meridian, Utah

executed by Dell Cazier, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Earl G. Harrington

Cadastral Engineering Staff Officer.

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53865-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST AND WEST BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38½ SOUTH, RANGE 10 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cartographic Survey Aid

Boyd S. Owens - Cartographic Survey Aid

Under special instructions dated August 27, *19* 56, *which provided for the surveys included under Group No.* 404, *approved* November 7, 1956 *and assignment instructions dated* July 30, *19*57

Survey commenced September 9, *19* 57

Survey completed September 19, *19* 57

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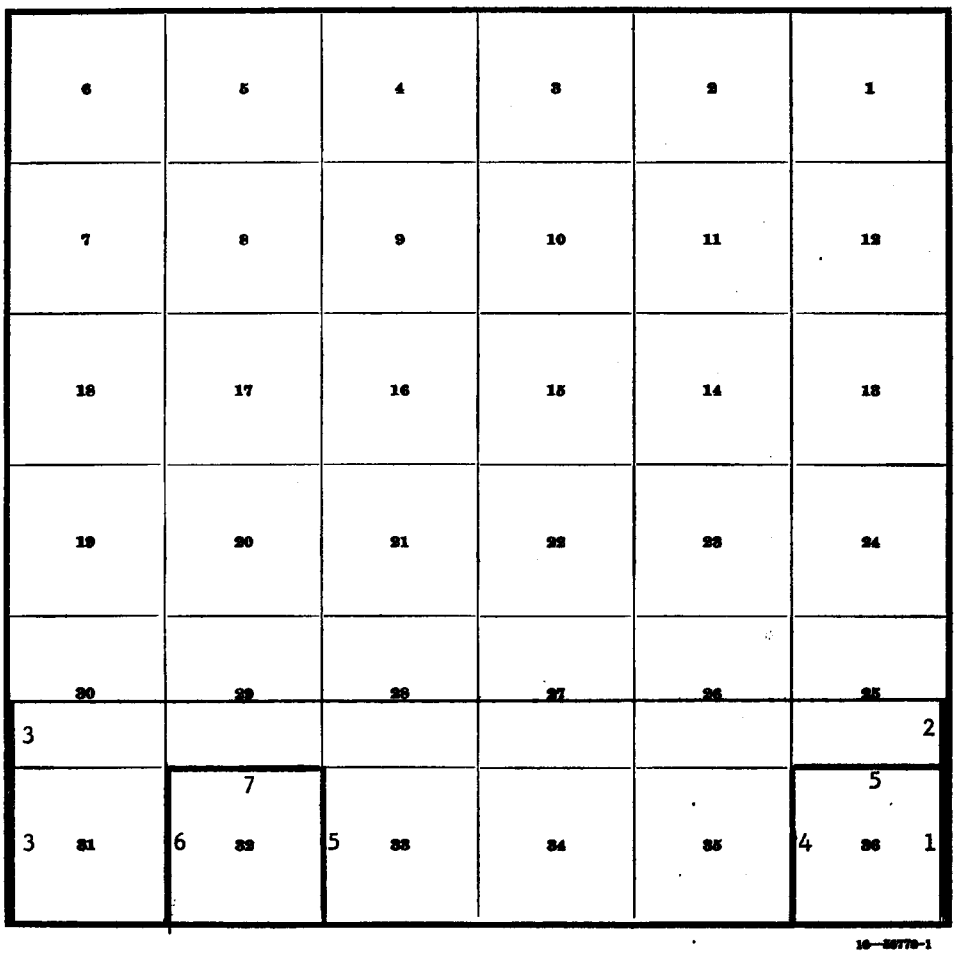
INDEX DIAGRAM

Township 38½ South, *Range* 10 East



Surveyed by Boyd S. Owens

Surveyed by Craig P. Sylvester

Chains

A portion of the north boundary was surveyed by R. C. Yundt and E. Bird in 1923. The north boundary was completed concurrently with this survey and is described in the field notes of the survey of T. 38 S., R. 10 E. The south boundary was surveyed concurrently with this survey also, and is described in the field notes of the survey of T. 39 S., R. 10 E.

The following field notes are those of the survey of the east and west boundaries and a portion of the subdivision of T. 38½ S., R. 10 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered State school sections.

The survey was executed with W. and L.E. Gurley solar transits, serial numbers 541327 and 541325, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in proper adjustment prior to the beginning of the field work. They were tested and checked frequently during the progress of the survey.

The directions of all lines herein reported are determined by deflecting from meridians established by observations on Polaris and the sun, throughout the survey.

Corners on latitudinal lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners are calculated to be in the position they would occupy if the entire township was subdivided.

The measurements were made with steel tapes, 8 chains in length. These tapes were graduated every link for the first chain, and thereafter at intervals of ten links. The tapes were tested by comparison with a standard steel tape, one chain in length and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these field notes. All lines of this survey were run by direct methods where the lines are accessible; inaccessible lines were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The geographic value for the SE. cor. of the township is longitude 110° 44' 43.4" W. and latitude 37° 25' 58.7" N., as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations within the township, and the average of these several readings was found to be 15° E.

East Boundary of T. 38½ S., R. 10 E.

From the cor. of Ts. 38½ and 39 S., Rs. 10 and 11 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the survey of T. 39 S., R. 10 E.

North, bet. secs. 31 and 36.

Over broken land; desc. 30 ft. over N. slope.

East Boundary of T. 38½ S., R. 10 E.

Chains	
25.00	Low spur, slopes W.; desc. 65 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38½S R10E R11E ¼ S36 | S31 1957
	Desc. 250 ft. over broken N. slope.
74.80	Wash, 20 lks. wide, 20 ft. deep, drains N. 80° E.; asc. 55 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4½ ft. base to top, with brass cap mkd.
	T38½S R10E R11E S25 | S30 S36 | S31 1957
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	North, bet. secs. 25 and 30.
	Over broken land; asc. 130 ft. over broken S. slope.
18.50	Spur, slopes N., 3 chs. to end; desc. 10 ft. along E. slope on top of spur.
21.31	Point for the witness meander cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	WMC S25 | S30 R10E R11E T38½S 1957
21.40	S. rim of Glen Canyon, bears S. 70° E. on curve, and N. 70° W. on curve to north; desc. about 300 ft. over ledges facing NE.
22.00	Base of same ledges. Point for the meander cor. of secs. 25 and 30 on the right bank of the Colorado River.
33.38	Intersect the S. bdy. of T. 38 S., R. 11 E. at the point for the closing cor. of T. 38½ S., Rs. 10 and 11 E., which falls in Colorado River and cannot be monumented.

East Boundary of T. 38½ S., R. 10 E.

Chains	
	From which, the meander cor. on the left bank of the Colorado River bet. secs. 30 and 31, bears E., 7.66 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38½ S., R. 11 E.

West Boundary of T. 38½ S., R. 10 E.

Chains	
	Beginning at the true point for the cor. of Ts. 38½ and 39 S., R. 10 E., from which its witness cor. bears S. 89° 56' W., 8.00 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 10 E.
	North, on the W. bdy. of sec. 31.
	Over rough broken land; asc. along the inaccessible W. wall of Long Canyon, draining S.
40.00	Point for the ¼ sec. cor. of sec. 31 is inaccessible.
	Point selected for the witness ¼ sec. cor. of sec. 31 bears W. 4.50 chs. dist.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S T38½S R9½E R10E ¼ |S31 W C 1957
	Continue along rolling E. slope.
59.00	Asc. about 320 ft. over slope and ledges of Long Canyon, facing S. 60° E.
68.00	Rim of Long Canyon, facing E., bears irregularly S. and N. 25° E.; thence over rolling exposed sandstone.
80.00	Point for the cor. of secs. 30 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S T38½S R9½E R10E |S30/S31 1957
	Land, rolling and broken. Soil, sandy and exposed sandstone. Timber, scattered juniper. Undergrowth, scattered black brush and grass.
	North, on the W. bdy. of sec. 30
	Over rolling exposed sandstone surface, facing generally E.; asc. 80 ft.
33.76	Intersect the S. bdy. of sec. 31, T. 38 S., R. 10 E.

West Boundary of T. 38½ S., R. 10 E.

Chains	
	Point for the closing cor. of T. 39 S., R. 9½ E. and T. 38½ S., R. 10 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T38S R10E S31 S 1 | S30 T39S T38½S R9½E R10E C C 1957
	From which, the ¼ sec. cor. of sec. 31, T. 38 S., R. 10 E., bears E. 1.46 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38 S., R. 10 E.
	Land, rough exposed sandstone. Soil, shallow sand in basins and exposed sandstone. Timber, none.

Portion of the Subdivision, T. 38½ S., R. 10 E.

	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 10 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over broken land; asc. 55 ft. over S. slope.
7.50	Top of ascent, bears NE. and SW.; desc. 250 ft. over NW. slope.
31.00	Base of descent, bears N. 50° E. and S. 50° W.; asc. 60 ft. over SE. slope.
37.50	Spur, slopes W., 20 ft.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38½S R10E ¼ S35 | S36 1957
	Desc. 30 ft. along broken NW. slope.
43.00	Wash, 20 lks. wide, 6 ft. deep, drains N. 40° E.; asc. 195 ft. over broken SE. slope.
65.30	Sandstone ridge, bears S. 50° W. and N. 40° E.; desc. 225 ft. over broken NW. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Chains	
	T38½S R10E S26 | S25 S35 | S36 1957 Land, broken. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township. S. 89° 51' W., bet. secs. 25 and 36. Over broken land; asc. 130 ft. over E. slope.
16.20	Spur, slopes S.; asc. 50 ft. along broken S. slope.
31.00	Spur, slopes S. 40° W.; desc. 100 ft. over steep W. slope.
40.06	Point for the ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38½S R10E ¼ S25 S36 1957 Desc. 60 ft. over broken W. slope.
52.20	Wash, 20 lks. wide, 10 ft. deep, drains N. 30° E.; asc. 250 ft. over broken E. slope.
63.30	Ridge, bears N. 15° E. and S. 30° W.; desc. 135 ft. over broken NW. slope.
80.13	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the survey notes of T. 39 S., R. 10 E. N. 0° 03' W., bet. secs. 32 and 33. Over rolling and broken land, through scattered juniper and pinion; desc. 40 ft.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of earth, with brass cap mkd. T38½S R10E ¼ S32 | S33 1957

Chains	
	The corner is located in small black brush covered flat.
	Desc. 70 ft. over NW. slope.
54.90	S. rim of draw, bears NE. and SW.; desc. 80 ft.
57.90	Wash in bottom of draw, 40 lks. wide, 2½ ft. deep, drains NE.; asc. 70 ft. over SE. slope.
61.40	Spur, slopes E.; desc. 70 ft. over NE. slope.
63.50	Wash in bottom of draw, drains SE. to junction with wash at 57.90, approx. 4 chs. dist.; asc. 90 ft. over SW. slope.
65.60	N. rim of draw, bears NW. and SE.; asc. 80 ft. over rolling and exposed sandstone outcrop, facing S.
73.10	Top of ascent; thence over nearly level land.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd. T38½S R10E S29 | S28 S32 | S33 1957
	Land, rolling and broken. Soil, sandy and exposed sandstone. Timber, scattered junipers and pinion. Undergrowth, moderate to heavy black brush and Brigham tea.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 10 E.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over rolling and broken land, through moderate juniper and pinion.
	Asc. 130 ft. over general SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone and supported in a mound of stone, 3 ft. base to top, with brass cap mkd. T38½S R10E ¼ S31 | S32 1957
	Asc. 60 ft. over gradual SW. slope.
55.40	Top of ascent, bears E. and W.; desc. 40 ft. over N. slope.
70.30	Base of N. slope; asc. 40 ft. over slight S. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

Portion of the Subdivision, T. 38½ S., R. 10 E.

Chains	
	T38½S R10E S30 | S29 S31 | S32 1957 Land, rolling and broken. Soil, sandy and exposed sandstone. Timber, moderate juniper and pinion. Undergrowth, moderate black brush and Brigham tea.
	From the cor. of secs. 28, 29, 32 and 33. S. 89° 56' W., bet. secs. 29 and 32. Over broken exposed sandstone formations, facing E.; asc. 240 ft.
24.40	Top of broken sandstone ridge, bears irregularly N. and S.; desc. 70 ft. over rolling sandstone surface, through scattered timber.
40.00	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap mkd. T38½S R10E ¼ S29 S32 1957 Desc. 70 ft. over rolling sandstone surface.
80.00	The cor. of secs. 29, 30, 31 and 32. Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, scattered to moderate juniper and pinion. Undergrowth, scattered black brush and Brigham tea, scant grass.

GENERAL DESCRIPTION

The area within T. 38½ S., R. 10 E. consists of the face and top of the Water Pocket Fold. The Water Pocket Fold faces NE. and drains to the Colorado River, which passes through the NE. cor. of the township.

Long Canyon, draining S., drains the W. portion of the township. No springs or other sources of drinking water were found during the survey.

Elevations within the township vary from a low of 3300 ft. on the Colorado River to a high of 5200 ft. above sea level on the Water Pocket Fold.

Timber consists of scattered scrub juniper on the top and slopes of the Fold, and a few willow on the banks of the river.

Access to survey lines was provided by helicopters; the survey would have been practically impossible by any other mean of transportation.

U.S. GOVERNMENT PRINTING OFFICE 16—28830-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Field Assistant
Ferrel D. Reynolds	" "
James E. Jepson	" "
Dale Barney	" "

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 19[illegible] I have surveyed the east boundary and a portion of the subdivision of Township 3[illegible] South, Range 10 East

of the Salt Lake Meridian, in the State of Utah, which [illegible] represented in the foregoing field notes as having been executed by me and under my direction; and th[illegible] said survey has been made in strict conformity with said instructions, the Manual of Instructions for [illegible] Survey of the Public Lands of the United States, and in the specific manner described in the foregoi[illegible] field notes.

February 6, 1958
Salt Lake City, Utah

Craig P. Sylvester
Craig P. Sylvester
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*__

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer

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.

Cadastral Engineering Staff Officer

U. S. GOVERNMENT PRINTING OFFICE 16—53865-8

8-280
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Landon A. Kittell	Field Assistant
Andrew M. Nelson	" "
Gerald O. Barney	" "
Olaf M. Shakespeare	" "
LaVern Griffin	" "

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, i

pursuance of special instructions bearing date of the 27th day of August, 195

I have surveyed the west boundary and a portion of the subdivision of Township 38

South, Range 10 East

of the Salt Lake Meridian, in the State of Utah, which ar

represented in the foregoing field notes as having been executed by me and under my direction; and tha

said survey has been made in strict conformity with said instructions, the Manual of Instructions for th

Survey of the Public Lands of the United States, and in the specific manner described in the foregoin

field notes.

February 6, 1958

Salt Lake City, Utah

Boyd S. Owens

Boyd S. Owens
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*__

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 27th day of August, 195 I have ~~surveyed~~ supervised the survey of the east and west boundaries and a portio of the subdivision of Township 38½ South, Range 10 East

of the Salt Lake Meridian, in the State of Utah, which a represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision; and th said survey has been made in strict conformity with said instructions, the Manual of Instructions for t Survey of the Public Lands of the United States, and in the specific manner described in the foregoi field notes.

February 6, 1958

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 22 1958, *19*

The foregoing field notes of the survey of the east and west boundaries and a portion o the subdivision of Township 38½ South, Range 10 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester and Boyd S. Owens, under the supervision of Vern E. having been critically examined and found correct, are hereby approved.

Earl G. Harrington

Cadastral Engineering Staff Officer.

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND A PORTION OF THE SUBDIVISION

INCLUDING MEANDERS OF THE COLORADO RIVER

THROUGH SEC. 32,

TOWNSHIP 38½ SOUTH, RANGE 11 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Craig P. Sylvester - Cartographic Survey Aid

Under special instructions dated August 27, *1956*, *which provided for the surveys included under Group No.* 404, *approved* November 7, 1956 *and assignment instructions dated* July 30, *1957*

Survey commenced August 28, *19*57

Survey completed August 29, *19*57

U. S. GOVERNMENT PRINTING OFFICE 16—86770-1

INDEX DIAGRAM

Township 38½ South, *Range* 11 East

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16—58770-1

Fred R. Chappell ————
Craig P. Sylvester ————

Meanders of the Colorado River in Sec. 32 on page 6.

2238

Township 38½ South, Range 11 East

Chains

The north boundary was surveyed by Fred R. Chappell and the west and south boundaries were surveyed by Craig P. Sylvester concurrently with the survey of this township, and are described in the field notes of the respective adjoining townships.

The following field notes are those of the survey of the east boundary and a portion of the subdivision and meanders of the Colorado River of T. 38½ S., R. 11 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial numbers 541327 and 461263, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in proper adjustment prior to the beginning of the field work. They were tested and checked frequently during the progress of the survey.

The directions of all lines herein reported are determined by deflecting from meridians established by observations upon Polaris and the sun, throughout the survey..

Corners on latitudinal lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method but for simplification of the record, the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners are calculated to be in the positions they would occupy if the entire township was subdivided.

The measurements were made with steel tapes, 8 chains in length. These tapes were graduated every link for the first chain, and thereafter at intervals of 10 links. The tapes were tested by comparison with a standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these field notes. All lines of this survey were run by direct methods where the lines are accessible; inaccessible lines were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The geographic value for the SE. cor. of the township is latitude 37° 25' 58.0" N. and longitude 110° 38' 12.1" W., as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations within the township, and the average of these several readings was found to be 15° E.

East Boundary of T. 38½ S., R. 11 E.

Beginning at the cor. of Ts. 38½ and 39 S., R. 11 E. and Ts. 38 and 39 S., R. 12 E., an iron post, 2½ ins. diam., described in the field notes of the survey of T. 39 S., R. 11 E.

North, bet. secs. 31 and 36.

Over rolling desert land, through scant undergrowth; asc. 40 ft. over a S. sandstone slope.

21.50 Sandstone spur, projects W.; desc. 45 ft. over a N. slope.

East Boundary of T. 38½ S., R. 11 E.

Chains	
33.00	Sandstone wash, drains SW.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38½S T38S R11E R12E ¼ S36 | S31 1957
	Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.
	Asc. 40 ft. over a S. slope.
48.00	Saddle in spur, bears E. and projects W.; desc. 95 ft. over a N. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38½S T38S R11E R12E S25 | S30 S36 | S31 1957
	Land, rolling desert. Soil, sandy and exposed sandstone. Timber, none. Undergrowth, scant black brush, mountain rush, apple brush and yucca.
	North, bet. secs. 25 and 30.
	Over rolling desert land, through scant undergrowth; asc. 95 ft. over a S. slope.
29.90	Sandstone spur, projects S. 80° W.; desc. 50 ft. over a N. slope.
34.30	Draw, drains S. 80° W.
34.75	Point for the cor. of Ts. 38 and 38½ S., R. 11 E., at an easting of 515.62 chs. dist. from the SE. cor. of T. 38 S., R. 10 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R11E R12E S36 | S30 S25 | S30 T38½S 1957
	Deposit a sandstone, 5x4x2 ins., mkd. with a cross (X) at the base of the post.
	Land, rolling desert. Soil, sand and sandstone. Timber, none. Undergrowth, scant black brush, bitter brush, mountain rush, yucca and weeds.

Portion of the Subdivision, T. 38½ S., R. 11 E.

Chains	
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy., an iron post. 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38 S., R. 11 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over broken land; desc. 20 ft. over N. slope.
9.10	S. rim of Lake Canyon, bears S. 50° E. and N. 50° W. on curve westward; desc. about 160 ft. over ledges facing NE.
11.50	Wash in bottom of Lake Canyon, drains N. 50° W.; asc. about 160 ft. over ledges facing SW.
13.00	N. rim of Lake Canyon, bears S. 50° E. and N. 40° W.; asc. 30 ft. over broken S. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38½S R11E ¼ S35 | S36 1957
	Asc. 5 ft. over broken S. slope.
44.40	Top of ascent, bears E. and W.; desc. 70 ft. over N. slope into small basin.
55.60	Bottom of basin, drains SW.; asc. 105 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38½S R11E S26 | S25 S35 | S36 1957
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.
	N. 89° 52' W., bet. secs. 25 and 36.
	Over rolling land; desc. 55 ft. over W. slope.
38.70	Drain, course SW.; asc. 10 ft. along S. slope.
40.03	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of the Subdivision T. 38½ S., R. 11 E.

Chains	
	T38½S R11E ¼ S25 S36 1957
	Asc. 50 ft. along gentle S. slope.
67.10	Spur, slopes S.; desc. 55 ft. over NW. slope.
80.07	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 11 E.
	N. 0° 03' W.; bet. secs. 32 and 33.
	Over broken land; desc. 240 ft. over broken N. slope.
21.31	Point for the meander cor, bet. secs. 32 and 33, at mean high water mark, on the right bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	M C S32 | S33 T38½S R11E 1957
	Thence across Colorado River, flowing E.
37.92	Point for the meander cor. bet. secs. 32 and 33, at mean high water mark, on the left bank of the Colorado River.
	T38½S R11E S32 | S33 M C
	Over sandy flat in bottom of Glen Canyon.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T38½S R11E ¼ S32 | S33 1957
	Continue over bottom of Glen Canyon.
46.00	Base of ledges facing S.; asc. about 250 ft. to N. rim of Glen Canyon.
47.10	N. rim of Glen Canyon, bears N. 80° E. and S. 80° W.; asc. 110 ft. over broken SW. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd. T38½S R11E S29 | S28 S32 | S33 1957
	Land, rough breaks and canyon of the Colorado River. Soil, sand and exposed sandstone. Timber, willows on river banks.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 39 S., R. 11 E.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over broken land; desc. 60 ft. over broken N. slope.
3.80	S. rim of Glen Canyon, bears N. 40° W. and S. 30° E.; desc. about 480 ft. over ledges facing NE. and steep NE. slope.
13.20	Point for the meander cor. bet. secs. 31 and 32, at mean high water mark, on the right bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd. M C T38½S R11E S31 | S32 1957
	Thence across the Colorado River, flowing S. 70° E.
29.40	Point for the meander cor. bet. secs. 31 and 32, at mean high water mark, on the left bank of the Colorado River, falls on broken ledges of canyon and cannot be perpetuated; asc. about 240 ft. over ledges facing SW.
30.30	N rim of Glen Canyon, bears N. 40° W. and S. 40° E.
30.42	Point selected for the witness meander cor. of secs. 31 and 32 on the left bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38½S R11E S31 | S32 M C
	Asc. 110 ft. over broken S. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38½S R11E ¼ S31 | S32 1957

Chains	
	Asc. 310 ft. over broken S. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32 falls on small ledge facing SW. and cannot be monumented. Point selected for the witness cor. of secs. 29, 30, 31 and 32, bears S. 89° 49' E., 0.72 chs. dist. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38½S R11E W S30 | S29 C. S31 | S32 1957 Land, rough breaks and canyon of the Colorado River. Soil, sand and exposed sandstone. Timber, willows on river banks.
	From the cor. of secs. 28, 29, 32 and 33. N. 89° 49' W., bet. secs. 29 and 32. Over slightly broken land; desc. 40 ft. over SW. slope.
16.00	Enter broken and irregular sandstone formations; asc. 40 ft.
39.96	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38½S R11E ¼ S29 / S32 1957 Asc. 130 ft. over irregular sandstone formation, with SE. exposure.
67.40	Top of ascent, bears N. and S. irregulary; desc. 35 ft. along S. slope.
79.19	The witness cor. of secs. 29, 30, 31 and 32, heretofore described; desc. 20 ft. over sandstone ledge, facing SW.
79.91	True point for the cor. of secs. 29, 30, 31 and 32. Land, broken. Soil, sand and exposed sandstone. Timber, none.
	From the meander cor. of secs. 31 and 32 on the right bank of the Colorado River. Thence downstream with the meanders of the right bank of the river, in sec. 32. Over rocky land, along well defined bank, through medium growth of willow and underbrush.

Chains

S. 70° 00' E., 10.00 chs.

S. 79° 15' E., 24.60 chs.

N. 82° 00' E., 7.10 chs.

N. 64° 30' E., 26.70 chs.

N. 75° 30' E., 13.40 chs.

East, 2.20 chs. The meander cor. of secs. 32 and 33 on the right bank of the Colorado River.

Land, broken along base of high ledges.
Soil, sand and rocks.
Timber, medium growth of willows.

From the point for the meander cor. of secs. 31 and 32 on the left bank of the Colorado River.

Thence downstream with meanders of the left bank of the river, in sec. 32.

Over level bottom land, through heavy growth of willows and tamarack.

S. 62° 15' E., 24.30 chs.

N. 74° 00' E., 21.30 chs.

N. 62° 15' E., 14.90 chs.

N. 60° 00' E., 11. 40 chs.

N. 85° 45' E., 14.90 chs. The meander cor. of secs. 32 and 33 on the left bank of the Colorado River.

Land, level.
Soil, sand.
Timber, heavy growth of willows and tamarack.

GENERAL DESCRIPTION

The main topographical features of T. 38½ S., R. 11 E. are the rolling sandy desert land in the E. 2/3 of the township, and the breaks and canyon of the Colorado River in the W. Lake Canyon drains the E. portion of the township.

Timber consists of a few scattered cottonwoods along the bottom of Lake Canyon and willows along the banks of the Colorado River.

The Old Mormon Trail from Hall Crossing to Bluff, Utah crosses through the township, but is not apparent on the ground except in a very few places where they abandoned some of their equipment.

Principal use of the land is for winter stock grazing.

No evidence of mineral deposits were noted.

4-660
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
Lee B. Coon	Chainman
Ortho J. Hatch	Flagman
Clement J. Davis	Axeman
Parley Pratt	Cornerman

16—58565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August 1956, I have surveyed the east boundary of Township 38½ South, Range 11 East

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.

February 5, 1958

Salt Lake City, Utah

Fred R. Chappell

Fred R. Chappell - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Chief, Division of Cadastral Engineering.

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.

Chief, Division of Cadastral Engineering.

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Principal Assistant
Farrell D. Reynolds	Chainman
James E. Jepson	Flagman
John F. Chidester	Axeman
Dale Barney	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

280

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, i

pursuance of special instructions bearing date of the 27th day of August, 195

I have surveyed a portion of the subdivision and the meanders of sec. 32, Township

South, Range 11 East

of the Salt Lake Meridian, in the State of Utah, which ar

represented in the foregoing field notes as having been executed by me and under my direction; and tha

said survey has been made in strict conformity with said instructions, the Manual of Instructions for th

Survey of the Public Lands of the United States, and in the specific manner described in the foregoin

field notes.

February 5, 1958

Salt Lake City, Utah

Craig P. Sylvester

Craig P. Sylvester - Cartographic Sur

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53985-6

281

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August 1956, I have ~~surveyed~~ supervised the survey of the east boundary, a portion of the subdivisi and the meanders of sec. 32 of Township 38½ South, Range 11 East

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~~ under my supervision; 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.

February 5, 1958

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D.C., SEP 22 1958, *19*

The foregoing field notes of the survey of the east boundary and a portion of the subdivision and the meanders of sec. 32 of Township 38½ South, Range 11 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell and Craig P. Sylvester, under the supervision of Vern having been critically examined and found correct, are hereby approved.

Earl G. Harrington

Cadastral Engineering Staff Officer.

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.

_____

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53665-3

(September 1948)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 39 SOUTH, RANGE 7 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Dell Cazier - Cadastral Surveyor

Under special instructions dated September 17, *19*57, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *19*58

Survey commenced August 5, *19*58

Survey completed October 15, *19*58

U. S. GOVERNMENT PRINTING OFFICE 16—58770-1

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16—56770-1

2489

Township 39 South, Range 7 East

Chains

The west and south boundaries of T. 39 S., R. 7 E. was surveyed concurrently under this group by Dell Cazier. The record thereof is included in the field notes of T. 39 S., R. 6 E. and T. 40 S., R. 7 E. respectively.

The following field notes are those of the survey of the east and north boundaries and a portion of the subdivision of T. 39 S., R. 7 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous latitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 22' 10.96" N. and longitude 111° 05' 18.73" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

East Boundary of T. 39 S., R. 7 E.

Beginning at the cor. of Ts. 39 and 40 S., Rs. 7 and 8 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 7 E.

North, bet. secs. 31 and 36.

Over gently rolling land.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E R8E ¼ S36|S31 1958 Deposit charcoal alongside iron post.
42.60	Trail road, bears N. 75° E. and S. 75° W.
80.00	Point for the cor. of secs. 25, 30, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T39S R7E R8E S25|S30 S36|S31 1958 Deposit charcoal alongside iron post. Land, nearly level. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 25 and 30. Over gently rolling land; desc. 90 ft. over NW. slope.
29.80	Wash, 20 lks. wide, 1 ft. deep, drains N. 80° W.
39.10	Desc. 20 ft. over NW. sloping slickrock to ¼ sec. cor.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on slickrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R7E R8E ¼ S25|S30 1958 Desc. 60 ft.
46.10	Wash, 10 lks. wide, 4 ft. deep, drains N. 80° W.
48.80	Bulldozed road, bears E. and W.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

Chains	
	T39S R7E R8E S24 | S19 S25 | S30 1958 Deposit charcoal alongside iron post. Land, gently rolling to rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 19 and 24. Over rollingland; desc. 90 ft.
15.20	Wash, 10 lks. wide, ledge walls 10 ft. high, drains N. 45° E.
32.50	S. rim of canyon, bears N. 50° E. and S. 50° W.; desc. 60 ft.
35.20	Wash, 20 lks. wide, 2 ft. deep, drains N. 50° E.; asc. 90 ft.
39.00	N. rim of canyon, bears N. 50° E. and S. 50° W.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on slickrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R7E R8E ¼ S24 | S19 1958
80.00	Point for the cor. of secs. 13, 18, 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on slickrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R7E R8E S13 | S18 S24 | S19 1958 Land, rolling. Soil, sandy silt and distorted sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 13 and 18. Over rolling land; asc. 180 ft.
24.60	Broken ridge, bears N. 55° E. and S. 43° W.; desc. 130 ft. to ¼ sec. cor.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Chains	
	T39S R7E R8E ¼ S13 | S18 1958
	Desc. 40 ft.
42.80	Wash, 20 lks. wide, 2 ft. deep, drains N. 45° E.; desc. 220 ft. over N. slope to sec. cor.
80.00	Point for the cor. of secs. 7, 12, 13 and 18 falls on steep N. slope of sandstone, where cor. cannot be perpetuated.
	Land, rolling. Soil, sandy silt and sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 7 and 12.
	Over rolling sandstone; desc. 20 ft.
0.20	Point selected for the witness cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E R8E S12 | S 7 S13 | S18 W C 1958
1.50	S. rim of canyon, bears E. and W.; desc. 80 ft.
5.80	Wash, small flow of water, 40 lks. wide, 2 ft. deep, drains E.; asc. 90 ft. over ledge.
6.60	N. rim of canyon, bears S. 45° E. and S. 70° W.
39.60	Wash, 10 lks. wide, ledge walls 10 ft. high, drains S. 45° W.; asc. 20 ft. to ¼ sec. cor.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12 falls on steep SE. slope of sandstone, where cor. cannot be perpetuated.
40.80	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E R8E ¼ S12 | S 7 W C 1958
63.10	Wash, 20 lks. wide, 4 ft. deep, drains S. 40° W.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.

East Boundary of T. 39 S., R. 7 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R7E R8E S 1 | S 6 S12 | S 7 1958 Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, none; undergrowth, scattered blackbrush, yellow top and mountain rush.
	North, bet. secs. 1 and 6.
	Over rolling W. slope; desc. 50 ft.
4.60	Wash, 20 lks. wide, 3 ft. deep, drains S. 45° W.; asc. 300 ft. over S. slope.
33.30	Top of mesa, bears E. and S. 80° W.; continue along gently rolling W. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T39S R7E R8E ¼ S 1 | S 6 1958 Deposit charcoal at bottom of iron post.
80.00	Point for the cor. of secs. 1, 6, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R7E R8E S36 | S31 S 1 | S 6 T39S 1958 Land, rolling to gently rolling. Soil, sandstone and sandy silt. Timber, none; undergrowth, blackbrush, yellow top and mountain rush.
	North Boundary of T. 39 S., R. 7 E.
	S. 89° 57' W., bet. secs. 1 and 36.
	Over rolling land; by triangulation desc. approx. 80 ft. over W. slope.
13.50	Wash, 10 lks. wide, 1 ft. deep, drains SW.; asc. approx. 100 ft. over SE. slope.

Chains	
26.50	End of triangulation on sandstone hill; desc. 80 ft. over steep W. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E ¼ S31 / S 1 T39S 1958 Thence over distorted surface of sandstone knobs.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E S35 | S36 S 2 | S 1 T39S 1958 Land, distorted sandstone. Soil, sandy silt in pockets. Timber, scattered juniper; undergrowth, blackbrush and mountain rush.
	S. 89° 57' W., bet. secs. 2 and 35. Over series of sandstone spurs; asc. 60 ft. over E. sloping slickrock.
5.70	Sandstone knob; desc. 50 ft. over steep W. sloping slickrock.
10.10	Thence over series of sandstone spurs.
20.00	E. rim of narrow gorge with ledges 30 ft. high, 40 lks. across.
20.40	W. rim of gorge; continue over series of sandstone spurs.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E ¼ S35 / S 2 T39S R7E 1958 Continue over series of sandstone spurs.
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T38S R7E S34 | S35 S 3 | S 2 T39S 1958 Land, series of sandstone spurs. Soil, sandy silt in pockets. Timber, scattered juniper; undergrowth, blackbrush and mountain rush.
	S. 89° 57' W., bet. secs. 3 and 34. Over series of sandstone spurs and knobs.
37.00	E. rim of gorge, 2.00 chs. wide, 50 ft. deep, with ledges on both sides.
39.00	W. rim.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E ¼ S34 / S 3 T39S 1958 Continue over sandstone spurs and knobs.
60.65	Wash, 20 lks. wide, 2 ft. deep, drains SW.
72.40	Wash, 10 lks. wide, 1 ft. deep, drains SW.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R7E S33 | S34 S 4 | S 3 T39S R7E 1958 Land, series of sandstone spurs and knobs. Soil, sandy silt in pockets. Timber, scattered juniper; undergrowth, blackbrush, greasewood and mountain rush.
	S. 89° 57' W., bet. secs. 4 and 33. Over series of sandstone spurs and knobs.
8.55	E. rim of gorge, bears NE. and SW., with ledge 50 ft. high.
13.00	W. rim, bears NE. and SW., with ledge 50 ft. high; thence over series of spurs and knobs.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 4 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R7E ¼ S33 / S 4 T39S 1958 Desc. 100 ft. over series of sandstone spurs and knobs.
66.00	E. rim of Coyote Gulch, bears NW. and SE.; desc. 120 ft. over ledge facing W.
70.00	Thence over nearly level stream valley.
76.90	Wash in bottom of Coyote Gulch, 1.50 chs. wide, 4 ft. deep, drains SE.; continue over nearly level land.
80.00	Point for the cor. of secs. 4, 5, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T38S R7E S32 | S33 S 5 | S 4 T39S R7E 1958 Land, series of sandstone spurs and knobs. Soil, sandy silt in pockets. Timber, scattered juniper; undergrowth, blackbrush, greasewood and mountain rush.
	S. 89° 57' W., bet. secs. 5 and 32.
	Over nearly level stream valley.
0.20	Leave stream valley; asc. 190 ft. over NE. facing ledge.
7.00	W. rim of Coyote Gulch, bears NW. and SE.; asc. 30 ft. over NE. slope.
13.30	Thence over series of sandstone knobs.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd. T38S R7E ¼ S32 / S 5 T39S 1958 Thence over nearly level mesa top.
69.50	W. edge of mesa, bears irregularly N. and S.; desc. 80 ft. over W. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.

North Boundary of T. 39 S., R. 7 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R7E S31 | S32 S 6 | S 5 T39S 1958 Land, nearly level to distorted. Soil, sandy silt, with exposed sandstone. Timber, scattered juniper; undergrowth, blackbrush and mountain rush.
	S. 89° 57' W., bet. secs. 6 and 31. Over steep W. slope; desc. 80 ft.
3.50	Base of steep descent; thence over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, 2½ ins. diam.,22 ins. in the ground, with brass cap mkd. T38S R7E ¼ S31 S 6 T39S 1958 Continue over rolling land, with slight W. slope.
78.85	The cor. of Tps. 38 and 39 S., Rs. 6 and 7 E., an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 39 S., R. 6 E. Land,rolling. Soil, sandy silt. Timber, scattered juniper; undergrowth, blackbrush and mountain rush.
	Portion of the Subdivision, T. 39 S., R. 7 E.
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, monumented with an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 7 E. N. 0° 01' W.,bet. secs. 35 and 36. Over rolling desert land.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S35 | S36 1958 Bury charcoal at base of iron post.

Chains	
80.00	Point for the cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E S26 | S25 S35 | S36 1958 Bury charcoal at base of iron post. Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush, yellow brush and Brigham tea.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township West, bet. secs. 25 and 36. Over rolling desert land.
40.00	Point for the ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S25 S36 1958 Bury charcoal at base of iron post.
79.99	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush, yellow brush, Brigham tea.
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, monumented with an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 7 E. N. 0° 02' W., bet. secs. 33 and 34. Over rolling land.
5.80	Wash, 20 lks. wide, 3 ft. deep, drains NE.
31.50	Wash, 30 lks. wide, 3 ft. deep, drains NE.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S33 | S34 1958 Thence over series of spurs and washes putting generally NE.

Portion of the Subdivision, T. 39 S., R. 7 E.

Chains	
69.30	Wash, 30 lks. wide, 3 ft. deep, drains NE.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E S28 | S27 S33 | S34 1958 Deposit charcoal at base of iron post. Land, series of spurs and washes putting NE. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 27 and 28. Over rolling land.
14.00	Track road, bears E. and W.
14.50	Five strand barbed wire fence, bears E. and W.
15.00	Track road, bears E. and W.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S28 | S27 1958 Deposit charcoal at base of iron post.
45.20	Old road, bears N. 20° W. and S. 20° E.
51.80	Main access road into area, bears NW. and SE.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T39S R7E S21 | S22 S28 | S27 1958 Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 21 and 22. Over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S21 | S22 1958 Deposit charcoal at base of iron post. Continue over rolling land.
43.90	Wash, 40 lks. wide, 2 ft. deep, drains NE.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E S16 | S15 S21 | S22 1958 Deposit charcoal at base of iron post. Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 15 and 16. Over rolling land; asc. 10 ft. over S. slope.
6.40	Bulldozed road, bears W. and 50 lks. E., thence curves N.; desc. 70 ft. over general N. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S16 | S15 1958 Desc. 190 ft. over N. slope.
80.00	True point for the cor. of secs. 9, 10, 15 and 16 falls on steep N. sloping slickrock, where the cor. cannot be perpetuated. Land, rolling with general N. slope. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 9 and 10. Over rolling land; desc. 10 ft. over steep N. sloping slickrock.
0.20	Wash, 30 lks. wide, 4 ft. deep, drains N. 30° E.; asc. 20 ft. over steep S. sloping slickrock.
0.90	Point selected for the witness cor. of secs. 9, 10, 15 and 16.

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Portion of the Subdivision, T. 39 S., R. 7 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R7E S 9 | S10 S16 | S15 W C 1958
	Continue over rolling land.
32.10	Wash, 30 lks. wide, with ledges 30 ft. high on both sides, drains E.; asc. 30 ft. over S. slope.
40.00	Sandy knoll.
	Point for the ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R6E ¼ S 9 | S10 1958
	Desc. 40 ft. over N. slope.
42.80	Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 80 ft. over S. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R7E S 4 | S 3 S 9 | S10 1958
	Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 3 and 4.
	Over rolling land; asc. 80 ft. over S. slope.
13.00	Spur, sloping SE.; desc. 10 ft. over N. slope.
23.20	Broken rim of canyon, bears NW. and SE.; desc. 160 ft. over ledgy NE. slope.
33.30	Wash, 50 lks. wide, 2 ft. deep, drains SE.; thence over nearly level stream valley.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

Chains	
	T39S R7E ¼ S 4 | S 3 1958
41.50	Base of ledge, bears NW. and SE.; asc. 120 ft.
43.00	Top of ledge; thence asc. 100 ft. over distorted sandstone surface.
79.99	The cor. of secs. 3, 4, 33 and 34 on the N. bdy.
	Land, broken. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township.
	S. 0° 01' E., bet. secs. 1 and 2.
	Over rolling sandstone, through scattered juniper; asc. 20 ft. over N. sloping sandstone.
3.20	Top of ascent, sandstone hill; desc. 150 ft. over S. slope.
15.00	Base of descent; wash, 40 lks. wide, 3 ft. deep, drains W.; asc. 100 ft. over NW. slope.
23.10	Top of ascent; rocky spur sloping W.; desc. 40 ft. over SE. slope.
27.60	Wash, 30 lks. wide, 3 ft. deep, drains N. 70° W.; asc. 90 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E ¼ S 2 | S 1 1958
	Asc. 40 ft. over NW. slope.
46.60	Top of ascent, sandstone spur sloping W.; desc. 140 ft. over S. slope.
61.70	Rocky swale, sloping W.; asc. 40 ft. over N. slope.
69.10	Top of ascent, sandstone spur sloping W.; desc. 70 ft. over SE. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E S 2 | S 1 S11 | S12 1958
	Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper; undergrowth, white sage and blackbrush.

Portion of the Subdivision, T. 39 S., R. 7 E.

Chains	
	From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over rolling sandstone, through scattered juniper.
39.99	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R7E ¼ S 3 | S 2 1958
	Desc. 200 ft. over S. slope.
74.70	Wash, 3.00 chs. wide, 3 ft. deep, drains SW.; asc. 50 ft. over NW. slope.
79.99	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R7E S 3 | S 2 S10 | S11 1958
	Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper; undergrowth, blackbrush and white sage.
	From the cor. of secs. 1, 2, 11 and 12.
	S. 89° 59' W., bet. secs. 2 and 11.
	Over rolling sandstone, sloping S., through scattered juniper; asc. 30 ft.
6.10	Sandstone hill, sloping S.; desc. 180 ft. over rolling SW. slope.
34.80	Wash, 10 lks. wide, 2 ft. deep, drains SW.; asc. 10 ft. over E. slope.
40.05	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R7E ¼ S 2 S11 1958
	Asc. 50 ft. over E. slope.
45.10	Sandstone hill, sloping S.; desc. 100 ft. over SW. slope.
68.20	Rocky swale, drains S.; asc. 60 ft. over E. slope.

Chains	
75.40	Top of ascent, sandstone ridge slopes S. 30° W.; desc. 100 ft. over W. slope.
80.10	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, distorted sandstone and sandy silt in pockets. Timber, scattered juniper; undergrowth, white sage and black brush.
	From the cor. of secs. 15, 16, 21 and 22.
	N. 89° 59' W., bet. secs. 16 and 21.
	Over rolling land; desc. 80 ft. over slight W. slope.
9.80	Bulldozed road, bears N. 10° E. and S. 10° W.
35.80	Wash, 10 lks. wide, 1 ft. deep, drains NW.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S16/S21 1958
	Deposit charcoal at base of iron post.
64.20	Main access road into area, bears NW. and SE.
70.60	Wash, 30 lks. wide, 3 ft. deep, drains N.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E S17 | S16 S20 | S21 1958
	Deposit charcoal at base of iron post.
	Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 03' W., bet. secs. 16 and 17.
	Over rolling land.
13.30	Trail road, bears E. and W.
36.50	Track road, bears E. and W.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

Township of the Subdivision, T. 39 S., R. 7 E.

Chains	
	T39S R7E ¼ S17 | S16 1958 Deposit charcoal at base of iron post.
43.60	Main access road into area, bears NW. and SE.
80.00	Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E S 8 | S 9 S17 | S16 1958 Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the true point for the cor. of secs. 9, 10, 15 and 16, from which its witness cor. bears N. 0° 02' W., 90 lks. dist., N. 89° 58' W., bet. secs. 9 and 16. Over rolling land; asc. 30 ft. along SE. slope.
2.20	Top of ascent, thence over rolling land.
40.04	Point for the ¼ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R7E ¼ S 9 S16 1958 Deposit charcoal at base of iron post. Continue over rolling land.
80.08	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 7 E. N. 0° 03' W., bet. secs. 32 and 33. Over series of spurs sloping NE.
32.00	Thence over rolling land.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E ¼ S32 | S33 1958
	Deposit charcoal at base of iron post.
	Continue over rolling land.
53.30	Fence, five strand barbed wire, bears E. and W.
53.50	Trace road, follows fence.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E S29 | S28 S32 | S33 1958
	Deposit charcoal at base of iron post.
	Land, rolling. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township an iron post, 30 ins. long, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 7 E.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over rolling bench land, through dense juniper and pinon; desc. 140 ft. over NE. slope.
12.10	Wash, 20 lks. wide, 2 ft. deep, drains NE.; asc. 60 ft. over SW. slope.
20.70	Spur, sloping NE.; desc. 350 ft. over ledgy NW. slope.
32.30	Wash, 20 lks. wide, 2 ft. deep, drains NE.; asc. 110 ft. over ledgy SE. slope.
37.00	Spur, sloping NE.; desc. 20 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E ¼ S31 | S32 1958
	By triangulation desc. approx. 400 ft. over ledgy NE. slope.
70.00	Base of ledgy slope, thence over rolling land.

Chains	
80.00	End of triangulation.
	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R7E S30 | S29 S31 | S32 1958
	Land, rolling and broken. Soil, sandy silt. Timber, dense juniper and pinon on S. ½, none on N. ½; undergrowth, silverleaf, greasewood and blackbrush.
	From the cor. of secs. 28, 29, 32 and 33.
	S. 89° 56' W., bet. secs. 29 and 32.
	Over rolling land.
10.40	Track road, bears N. and S.
39.92	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E ¼ S29 S32 1958
	Deposit sandstone, 8x6x4 ins., mkd. with a cross (X) at base of post.
	Thence over series of small washes draining NE.
79.84	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling to nearly flat. Soil, sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.

GENERAL DESCRIPTION

The land within this township is rolling and broken desert with the exception of the southwest corner which is located on bench below the straight cliffs. The elevation varies from 5400 ft. on the bench to 4000 ft. in the canyons. Coyote Gulch drains the area easterly to the Escalante River.

The soil varies from clay and sand on the bench, sandy on the rolling desert, and distorted sandstone on the area north of Coyote Gulch. The most prominent feature is the high pinnacle, Chimney Rock, which affords some scenic attraction.

The timber is composed entirely of juniper, pinon and oak of little commercial value.

Portion of the Subdivision [illegible]

Chains		Chains
	Principal users of the area are [illegible]. Access to the township is provided by desert roads and stock trails.	
	No mineral formations of consequence were noted during the survey. Access to the survey lines was provided by helicopters.	

4-[illegible]
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel E. Bland	Principal Assistant
James R. Munson	Chainman
Parley Pratt	Flagman
Wallace R. Ott	Cornerman
Robert A. Pratt	Axeman

10—53705-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed the east and north boundaries and a portion of the subdivision of Township 39 South, Range 7 East

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.

March 9, 1959

Salt Lake City, Utah

Dell Cazier

Dell Cazier, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

4-000
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ supervised the survey of the east and north boundaries and a portion of the subdivision of Township 39 South, Range 7 East

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.

March 9, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east and north boundaries and a portion of the subdivision of Township 39 South, Range 7 East, Salt Lake Meridian, Utah

executed by Dell Cazier, Cadastral Surveyor, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

Donald D. Clement

Acting *Cadastral Engineering Staff Officer.*

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.

_____

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE EAST BOUNDARY, THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 39 SOUTH, RANGE 8 EAST

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor
Boyd S. Owens, Cadastral Surveyor
Lacel E. Bland, Cartographic Survey Aid

Under special instructions dated September 17, *1957*, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *1958*

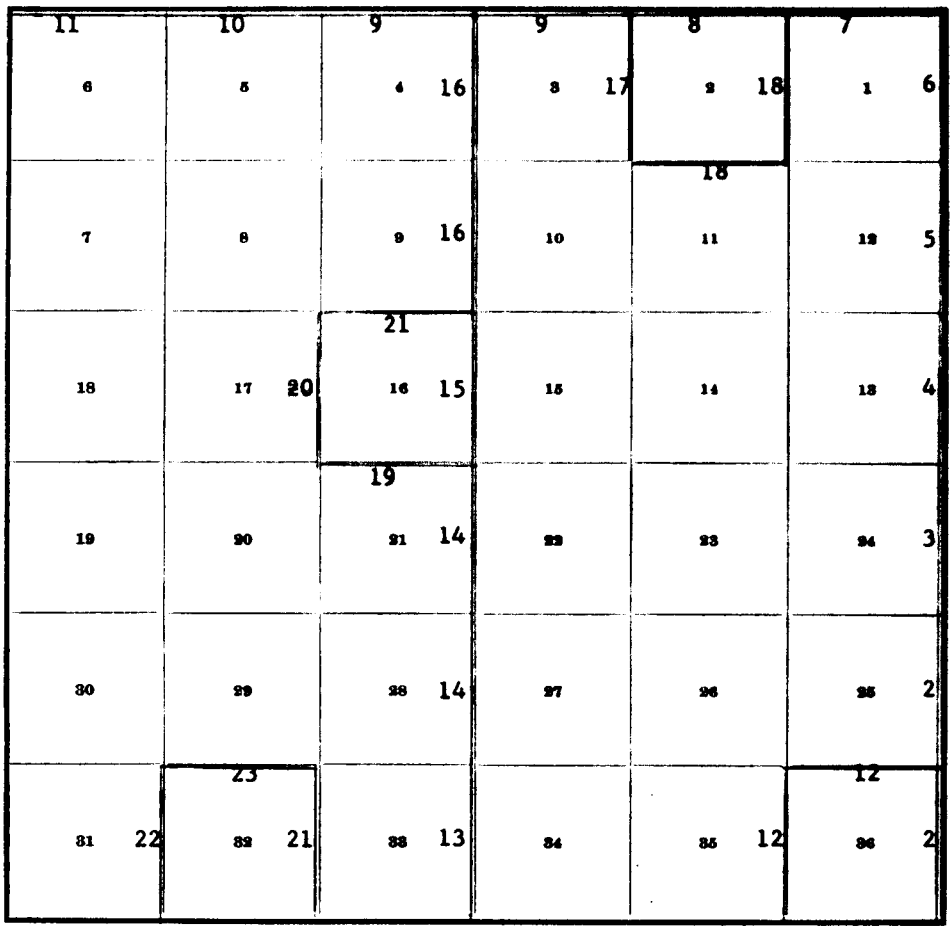
Survey commenced August 12, *19* 58

Survey completed October 15, *19* 58

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 39 South, *Range* 8 East



10—56770-1

Craig P. Sylvester
Boyd S. Owens
Lacel E. Bland

2490

Township 39 South, Range 8 East

Chains

The south boundary was surveyed concurrently and under Group 410 by Craig P. Sylvester. The notes thereof are included in the field notes of T. 40 S., R. 8 E.

The west boundary was surveyed concurrently and under Group 410 by Dell Cazier. The notes thereof are included in the field notes of T. 39 S., R. 7 E.

The following field notes are those of the survey of the east boundary, north boundary and a portion of the subdivision of T. 39 S., R. 8 E. deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley transits Nos. 461263, 560147 and 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 22' 110" N. and longitude 110° 58' 47.0" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' East.

East Boundary of T. 39 S., R. 8 E.

Chains	
	Beginning at the cor. of Tps. 39 and 40 S., Rs. 8 and 9 E., an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the survey of T. 40 S., R. 8 E.
	North, bet. secs. 31 and 36.
	Over broken irregular sandstone; no timber and scattered undergrowth.
	Desc. 60 ft. over E. slope.
9.90	S. rim of ravine, bears E. and W.; desc. 130 ft. over N. slope.
17.60	Wash, 30 lks. wide, 3 ft. deep, drains E.; asc. 100 ft. over irregular S. slope.
22.60	N. rim of ravine, bears E. and W.; asc. 20 ft. over E. slope.
34.90	Slope changes to irregular N. slope; desc. 10 ft.
37.65	Point selected for the witness ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R8E R9E ¼ W C S36 | S31 1958
	Desc. 10 ft.
40.00	True point for ¼ sec. cor. of secs. 31 and 36 falls on steep E. face of sandstone knob where cor. cannot be perpetuated, mkd. with a cross (X), 12x12 ins.
	Desc. 160 ft. over broken irregular N. slope.
50.20	Wash, 40 lks. wide, 4 ft. deep, drains SE.; asc. 190 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T39S R8E R9E S25 | S30 S36 | S31 1958
	Land, broken. Soil, exposed sandstone and sand. Timber, none. Undergrowth, black brush.
	North, bet. secs. 25 and 30.
	Over broken land, through scattered undergrowth.

East Boundary, T. 39 S., R. 8 E.

Chains	
9.00	Wash, 20 lks. wide, 3 ft. deep, drains SW. from E.; asc. 200 ft. along E. slope.
35.40	Low spur, slopes E. 2.00 chs. dist.; desc. 30 ft. along E. slope.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E R9E ¼ S25 | S30 1958
	Asc. 140 ft. along E. slope.
76.00	E. end of ridge, bears SW.; desc. 30 ft. along E. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T39S R8E R9E S24 | S19 S25 | S30 1958
	Land, broken. Soil, exposed sandstone and sand. Timber, none. Undergrowth, black brush.
	North, bet. secs. 19 and 24.
	Over broken land, through scattered undergrowth.
	Desc. 120 ft. along E. slope.
21.20	Base of E. slope, bears E. and W.; thence over broken bench.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R8E R9E ¼ S24 | S19 1958
	Cont. over broken bench.
45.00	Begin descent of 160 ft. over broken N. slope.
62.40	Wash, 60 lks. wide, 4 ft. deep, drains E.; asc. 70 ft. over broken S. slope.
79.45	Point selected for the witness cor. of secs. 13, 18, 19 and 24.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over all, 12 ins. in the ground on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R8E R9E W C S13 S18 S24 S19 1958
79.90	S. rim of Escalante River, bears E. and curves NW.; desc. over ledges, facing N.
80.00	True point for the cor. of secs. 13, 18, 19 and 24, falls on N. face of ledge where cor. cannot be perpetuated. Land, broken. Soil, exposed sandstone and sandy. Timber, none. Undergrowth, black brush.
	North, bet. secs. 13 and 18. Over badly broken land, through oak and cottonwood along the river. By triangulation; desc. about 400 ft. over nearly vertical ledge and talus sloping N.
8.00	Escalante River, 2.00 chs. wide, course S. 80° E.; asc. about 320 ft. over talus and ledges facing SW.
16.00	Sandstone spur, projects NW.; desc. about 320 ft. over ledges and talus sloping N.
20.00	Escalante River, 2.00 chs. wide, course NW.; asc. about 200 ft. over talus and ledges facing SW.
29.00	Sandstone spur, slopes SE.
30.53	End of triangulation; point selected for the witness ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R8E R9E ¼ W C S13 S18 1958
	By triangulation; asc. about 80 ft. over ledges facing E.
40.00	True point for the ¼ sec. cor. of secs. 13 and 18 falls on an inaccessible ledge facing E. where cor. cannot be perpetuated. Asc. about 480 ft. over ledges facing SE.
50.00	S. rim of isolated mesa, bears N. 20°, W. and S. 20°, E.

East Boundary, T. 39 S., R. 8 E.

Chains	
59.20	End of triangulation; point selected for the witness cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R8E R9E W C S12 S 7 S13 S18 1958
59.30	N. rim of mesa, bears E. and SW.; by triangulation, desc. about 720 ft. over ledges and talus facing N.
71.00	Escalante River, 2.00 chs. wide, course S. 70° E.; asc. about 80 ft. over SW. slope.
75.00	Small spur, projects W.; desc. about 80 ft. over NW. slope; thence across Escalante River.
80.00	True point for the cor. of secs. 7, 12, 13 and 18 falls in Escalante River, 2.00 chs. wide, course S. 30° E.
	Land, badly broken. Soil, exposed sandstone, rocky and sandy. Timber, oak and cottonwood along the river. Undergrowth, black brush and oak brush.
	North, bet. secs. 7 and 12.
	Over badly broken land, through scattered oak and cottonwood along the river.
	By triangulation, asc. about 400 ft. over talus and ledges facing SE.
8.00	S. rim of mesa, bears E. and W.
15.00	N. rim of mesa, bears NE. and SW.; desc. about 400 ft. over ledges and talus facing NW.
23.00	Escalante River, 2.00 chs. wide, course NE.; asc. about 800 ft. over talus and ledges facing SE.
31.00	Sandstone spur of Skyline Natural Bridge, projects W.
31.71	End of triangulation; point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 15 ins. long, 1 in. diam., 3 ins. in drilled hole in solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R8E R9E ¼ W C S12 S 7 1958
	By triangulation, desc. about 640 ft. over ledges facing N.

East Boundary, T. 39 S., R. 8 E.

Chains	
40.00	True point for the ¼ sec. cor. of secs. 7 and 12 falls on inaccessible ledge facing N. where cor. cannot be perpetuated.
42.00	Wash in Stevens Canyon, 40 lks. wide, 4 ft. deep, drains SW.; asc. about 400 ft. over ledges facing SE.
47.00	Spur, slopes S. 30° W.; asc. about 320 ft. over ledges facing SW.
80.00	True point for the cor. of secs. 1, 6, 7 and 12 falls on small ledge facing NE. where cor. cannot be perpetuated.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered oak and cottonwood along the river. Undergrowth, black brush.

North, bet. secs. 1 and 6.

Over badly broken land, through scattered undergrowth.

.20	End of triangulation; point selected for the witness cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 15 ins. long, 1 in. diam., 7 ins. in drilled hole in solid sandstone, with brass cap mkd. T39S R8E R9E S 1 | S 6 S12 | S 7 W C 1957
	Thence by triangulation along broken W. slope.
12.00	Desc. about 800 ft. over ledges facing N.
18.00	Escalante River, 2.00 chs. wide, course W.; asc. about 480 ft. over ledges facing SW.
25.00	Isolated sandstone dome; desc. about 400 ft. over ledges facing N.
29.00	Escalante River, 2.00 chs. wide, course N. 80° E.; asc. about 320 ft. over ledges facing S.
35.00	Sandstone spur, slopes SW.; desc. about 80 ft. over NW. slope.
38.12	End of triangulation; point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole, in solid sandstone, with brass cap mkd. T39S R8E R9E ¼ W C S1 | S6 1958
	By triangulation, desc. about 80 ft. over ledges facing NW.
40.00	True point for the ¼ sec. cor. of secs. 1 and 6 falls on inaccessible ledge facing NW. where cor. cannot be perpetuated.

East Boundary, T. 39 S., R. 8 E.

Chains	
44.00	Base of descent on W. slope; asc. about 560 ft. over ledges facing SW.
51.00	Spur, slopes W.; desc. about 400 ft. over ledges facing N.
55.00	Wash, 30 lks. wide, 3 ft. deep, drains W.; asc. about 400 ft. over ledges facing S.
66.00	End of triangulation; spur, slopes SW., thence over broken W. slope.
80.00	Point for the cor. of Tps. 38 and 39 S., Rs. 8 and 9 E. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E R9E S36 | S31 S 1 | S 6 T39S 1958 Land, broken. Soil, exposed sandstone, rocky and sandy. Timber, scattered oak and cottonwood along the river; undergrowth, black brush.

North Boundary, T. 39 S., R. 8 E.

	West, bet. secs. 1 and 36.
	Over badly broken land; by triangulation, desc. about 320 ft. over ledges facing W.
6.00	Wash, drains S. 20° W.; asc. about 30 ft. over E. slope.
9.00	E. rim of Escalante River, bears N. and S.; desc. about 400 ft. over ledges facing W.
15.00	Escalante River, 2.00 chs. wide, course S.; asc. about 240 ft. over ledges facing E.
21.00	Sandstone spur, projects N.; desc. about 240 ft. over ledges facing W.
26.00	Escalante River, 2.00 chs. wide, course N. 20° E.; asc. about 240 ft. over ledges facing E.
30.00	Rim, bears N. 20° E. and S. 20° W.; asc. about 80 ft. over broken SE. slope.
33.00	Spur, slopes SE.; desc. 80 ft. over broken SW. slope.
37.00	Rim, bears NW. and SE.; desc. about 160 ft. over ledges facing SW.
40.00	True point for the ¼ sec. cor. of secs. 1 and 36 falls on inaccessible SW. slope where cor. cannot be perpetuated.
42.00	Escalante River, 2.00 chs. wide, course SE.; asc. about 400 ft. over ledges facing NE.
50.00	Rim, bears irregularly N. and S.
50.16	End of triangulation; point selected for the witness ¼ sec. cor. of secs. 1 and 36.

North Boundary, T. 39 S., R. 8 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sollid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E ¼ S36 W S 1 C T39S 1958
	By triangulation, asc. about 160 ft. over broken SE. slope.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T38S R8E S35 | S36 S 2 | S 1 T39S 1958
	Land, broken. Soil, exposed sandstone and sandy. Timber, scattered cottonwood and oak along river; undergrowth, black brush and mountain rush.
	West, bet. secs. 2 and 35.
	Over broken land, by triangulation.
5.00	Base of ascent, bears N. and SW.; asc. about 400 ft. over ledges facing E.
16.00	End of triangulation; top of ascent, bears N. and S.; thence over broken bench.
24.30	Base of steep E. slope; asc. 60 ft. over W. slope.
29.00	Sandstone spur, slopes S.; desc. 60 ft. over W. slope.
36.10	Shallow drain, drains N.; asc. 30 ft. over broken NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R8E ¼ S35 S 2 T39S 1958
40.40	Low sandstone spur, slopes N.; thence over broken sandstone.
63.50	Begin descent over W. slope; desc. 60 ft.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (x) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

North Boundary, T. 39 S., R. 8 E.

Chains	
	T38S R8E S34 | S35 S 3 | S 2 T39S 1958 Land, broken. Soil, exposed sandstone and sand. Timber, none. Undergrowth, black brush and mountain rush.
	West, bet. secs. 3 and 34. Over broken land, through scattered pinon and juniper. Desc. 120 ft. over W. slope.
35.50	Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 30 ft. over irregular E. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E ¼ S34 S 3 T39S 1958 Asc. 50 ft. over E. slope.
52.00	Sandstone rise, bears NE. and SW.; desc. 20 ft. over SW. slope.
72.40	Swale, drains S.; asc. 20 ft. over E. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T38S R8E S33 | S34 S4 | S3 T39S 1958 Land, broken. Soil, exposed sandstone and sand. Timber, scattered juniper and pinon. Undergrowth, black brush and mountain rush.
	West, bet. secs. 4 and 33. Over broken land, through scattered juniper and pinon. Asc. 60 ft. over broken E. slope.
23.80	Sandstone rise, bears N. and sandstone knob, bears S. 90 lks. dist.; desc. 70 ft. over W. slope.

North Boundary, T. 39 S., R. 8 E.

Chains	
39.10	Sandstone knob, 5.00 chs. diam.; desc. 30 ft. over W. slope.
40.00	True point for the ¼ sec. cor. of secs. 4 and 33 falls on steep W. sandstone slope where cor. cannot be perpetuated.
40.62	Point selected for the witness ¼ sec. cor. of secs. 4 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd. T38S R8E ¼ S33 W S 4 C T39S 1958 Desc. 40 ft. over W. slope.
48.00	Base of W. slope, also swale, drains N.; asc. 40 ft. along N. slope.
66.60	Slope changes to E. slope; asc. 70 ft.
80.00	Point for the cor. of secs. 4, 5, 32 and 33. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in sandstone, in a collar of stone, with brass cap mkd. T38S R8E S32 S33 S5 S4 T39S 1958 Land, broken. Soil, exposed sandstone and sand. Timber, scattered juniper and pinon. Undergrowth, black brush and mountain rush.
	West., bet. secs. 5 and 32. Over broken land, through scattered juniper and pinon. Asc. 130 ft. over broken E. slope.
23.00	Begin steeper ascent over NE. slope; asc. 130 ft.
39.30	E. crest of bench, bears SE. and curves NW.; thence over rolling bench land.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E ¼ S32 S 5 T39S 1958
44.30	E. crest of cove, curves SW. and N. 2.00 chs. dist. to point of bench; desc. 70 ft. over W. slope.

North Boundary, T. 39 S., R. 8 E.

Chains	
48.00	Drain in cove, drains N.; asc. 60 ft. over E. slope.
56.50	W. crest of same cove, bears N. and curves NE.; desc. 10 ft. over W. slope of bench.
75.20	W. crest of bench, bears NW. and SE.; desc. 100 ft. over steep W. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E S31 | S32 S6 | S5 T39S 1958 Land, broken and rolling. Soil, sandy and exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, black brush and mountain rush.
	West, bet. secs. 6 and 31. Over broken land, through scattered juniper and pinon. Desc. 210 ft. over steep W. slope.
18.50	Base of steep W. slope; desc. 40 ft. over SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T38S R8E ¼ S31 S 6 T39S 1958
40.10	Drain in bottom of basin, drains S.; asc. 40 ft. over E. slope.
45.70	Base of steep E. slope, bears S. and curves NE.; asc. 210 ft. over steep and broken E. slope.
57.10	Top of ascent, bears N. and S.; desc. 70 ft. over rolling W. slope of mesa.
79.06	The cor. of Tps. 38 and 39 S., Rs. 7 and 8 E., an iron post, 2½ ins. diam., conforming to the field notes of T. 39 S., R. 7 E. Land, broken and rolling. Soil, sandy and exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, black brush and mountain rush.

Portion of the Subdivision T. 39 S., R. 8 E.

Chains	
	From the cor. of secs. 2, 3, 35 and 36, on the S. bdy. of the Tp., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 40 S., R. 8 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling desert land, through medium undergrowth.
	Desc. 70 ft. over steep N. slope.
2.90	Base of steep descent, bears E. and W.; desc. 130 ft. over rolling N. slope.
23.40	Wash, 20 lks. wide, 2 ft. deep, drains NE.; asc. 30 ft. over rolling SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S35 | S36 1958
	No accessories available.
	Asc. 70 ft. over rolling SE. slope.
56.10	Spur, slopes W.; desc. 110 ft. over N. slope.
73.70	Wash, 20 lks. wide, 2 ft. deep, drains E.
73.90	Unimproved road, bears irregularly E. and W.; asc. 30 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E S26 | S25 S35 | S36 1958
	Land, rolling. Soil, sandy and exposed sandstone. Timber, none. Undergrowth, black brush, mountain mush and white sage.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
	S. 89° 56' W., bet. secs. 25 and 36.
	Over broken land, through scattered undergrowth.
4.30	Wash, 30 lks. wide, 4 ft. deep, drains S.

Portion of Subdivision, T. 39 S., R. 8 E.

Chains	
8.40	Wash, 20 lks. wide, 3 ft. deep, drains S. 10° W.; desc. 180 ft. over broken W. slope.
37.50	Spur, slopes S. 10° E.
40.02	Point for the ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R8E ¼ S25/S36 1958 Desc. 30 ft. over W. slope.
53.50	Wash, 30 lks. wide, 3 ft. deep, drains S. 10° E.; asc. 70 ft. over rolling SE. slope.
80.04	The cor. of secs. 25, 26, 35 and 36. Land, rolling and broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, black brush, mountain rush and white sage.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., an iron post, set, mkd. and witnessed as described in the field notes of T. 40 S., R. 8 E. N. 0° 02' W., bet. secs. 33 and 34. Over rolling desert land; through moderate undergrowth. Asc. 140 ft. over general S. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of earth to top, with brass cap mkd. T39S R8E ¼ S33 | S34 1958 Asc. 50 ft. over general S. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd. T39S R8E S28 | S27 S33 | S34 1958 Deposit sandstone 5x7x14 ins. alongside iron post. Land, rolling. Soil, sandy. Timber, none. Undergrowth, black brush and mountain rush.

Chains	
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling land, through moderate undergrowth.
	Asc. 60 ft. over general S. slope.
28.30	Top of ascent, bears E. and W.; thence over rolling desert land.
32.20	Bulldozed road, bears NW. and SE.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S28 | S27 1958
	Raise a mound of earth, 2½ ft. base, W. of cor.
	Thence over rolling desert land.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T39S R8E S21 | S22 S28 | S27 1958
	Land, rolling. Soil, sandy. Timber, none. Undergrowth, black brush and mountain rush.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling desert land, through moderate undergrowth.
13.10	Low sandstone spur, slopes W. 1.00 ch. from SE., thence over rolling desert and patches of exposed sandstone.
39.90	Top of ascent, bears E. and W.; desc. N. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 7 ins. in the ground to solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E ¼ S21 | S22 1958
	Desc. 250 ft. over N. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of Subdivision, T. 39 S., R. 8 E.

Chains	
	T39S R8E S16 | S15 S21 | S22 1958 Land, rolling. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, black brush and mountain rush.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken land, through scattered undergrowth. Desc. 60 ft. over N. slope.
10.00	S. rim of Coyote Creek, bears N. 60° W. and S. 60° E.; thence by triangulation, desc. about 160 ft. over nearly vertical ledge.
18.00	Coyote Creek, 60 lks. wide, 3 ft. deep, drains SE.; asc. about 160 ft. over ledges facing SW.
26.00	N. rim of Coyote Creek, bears NW. and SE.; asc. about 70 ft. over broken S. sandstone slope.
33.60	End of triangulation; asc. 10 ft. over broken sandstone.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R8E ¼ S16 | S15 1958 Asc. 100 ft. over irregular S. slope.
60.90	Top of sandstone rise, bears NE. and SW.; desc. 30 ft. over NW. slope.
68.30	Base of descent; asc. 30 ft. over SW. slope.
74.20	Low sandstone spur, slopes SW.; desc. 10 ft. over NW. slope.
79.80	Small drain, drains SW.; asc. SE. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R8E S 9 | S10 S16 | S15 1958 Land, broken. Soil, exposed sandstone and sand. Timber, scattered juniper and pinon. Undergrowth, black brush and mountain rush.

Chains	
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling sandstone.
	Asc. 70 ft. along SW. slope.
7.30	Sandstone dome, cont. over rolling sandstone.
39.90	Small wash, sandstone bottom, drains E.
40.00	True point for the ¼ sec. cor. of secs. 9 and 10 falls on S. slope of wash where cor. cannot be perpetuated.
40.20	Point selected for the witness ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T39S R8E
¼
S 9 | S10
W C
1958

	Asc. 150 ft. over rolling sandstone formations sloping S.
69.00	Slope and drainage changes to SE.; asc. 30 ft.
74.90	Top of prominent sandstone knob; desc. 50 ft. over NE. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R8E
S 4 | S 3
S 9 | S10
1958

Land, rolling.
Soil, mostly exposed sandstone and sand.
Timber, none.
Undergrowth, scant.

	N. 0° 04½ E., bet. secs. 3 and 4.
	Over rolling sandstone.
	Desc. 10 ft.
3.00	Small wash, drains SE.; asc. 50 ft. over sandstone facing SW.
14.00	Top of ascent; desc. 20 ft. over rolling NE. slope.
31.30	Small wash, drains SE.; asc. 10 ft. over slightly broken SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	T39S - R8E ¼ S4 | S3 1958
	Asc. 90 ft.
72.00	Slope changes to E.
80.07	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.
	Land, rolling, slightly broken. Soil, mostly exposed sandstone. Timber, widely scattered scrub juniper. Undergrowth, scant.
	From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over rolling sandstone, through scattered juniper.
	Asc. 10 ft. over N. slope.
5.60	Top of ascent; desc. 10 ft. over slightly broken sandstone facing S.
16.10	Small wash, drains irregularly S. from N. 70° E.; desc. 130 ft. along E. side of wash.
40.05	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R8E ¼ S3 | S2 1958
	Cor. is located 1.50 chs. dist. E. of wash.
	Desc. 20 ft.
56.60	Same wash, drains SW. from N.; desc. 10 ft. over gently rolling land, small sandstone outcroppings.
80.05	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R8E S3 | S2 S10 | S11 1958
	Land, rolling. Soil, exposed sandstone and shallow sand. Timber, scattered scrub juniper and piñon. Undergrowth, scattered sage, mountain rush, grasses and weeds.

Chains	
	From the cor. of secs. 2, 3, 10 and 11.
	N. 89° 59' E., bet. secs. 2 and 11, on a theoreticial parallel connecting the cor. of secs. 1, 6, 7 and 12, on the E. bdy. and the cor. of secs. 3, 4, 9 and 10 as specified in the special instructions.
	Over gently rolling land; asc. 10 ft.
9.50	Base of rolling exposed sandstone, SW. drainage and exposure; asc. 80 ft.
12.00	Wash, drains S. from NE.
39.70	Exposure and drainage changes to SE.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S . R8E ¼ S 2 S11 1958
	Desc. 20 ft.
68.50	Small wash, drains S. from NE.; asc. 30 ft. over sandstone formations sloping SW.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E S2 | S1 S11 | S12 1958
	Land, rolling. Soil, exposed sandstone and shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, scattered black brush, sage, mountain rush and weeds.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 0° 01' W., bet. secs. 1 and 2.
	Over rolling land; asc. 90 ft. over rolling SW. slope.
21.60	Top of ascent; cont. over gently rolling sandstone.
31.90	Enter sage flat.
39.00	Leave sage flat.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of Subdivision, T. 39 S., R. 8 E.

Chains	
	T39S R8E ¼ S2 | S1 1958
42.00	Canyon rim, bears E. and W. circling to N.; by triangulation desc. about 440 ft. over steep sandstone slope facing N.
70.00	Draw, drains E.; asc. about 120 ft. over SE. slope.
79.94	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.
	Land, rolling and broken. Soil, exposed sandstone and shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, black brush, mountain rush and weeds.
	From the cor. of secs. 15, 16, 21 and 22.
	S. 89° 59' W., bet. secs. 16 and 21.
	Over broken exposed sandstone, through scattered undergrowth.
	Asc. 70 ft. along broken N. slope.
26.40	Low sandstone spur, slopes N., thence along N. slope.
39.60	Shallow drain, drains N.; thence along N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R8E ¼ S16/S21 1958
	Asc. 50 ft. along broken N. slope.
58.80	Low spur, slopes N.; desc. 40 ft. over W. slope.
63.50	Small wash, drains N.; asc. 150 ft. over broken E. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E S17 | S16 S20 | S21 1958
	Land, broken. Soil, exposed sandstone and sand. Timber, none. Undergrowth, scattered black brush and mountain rush.

Chains	
	N. 0° 03' W., bet. secs. 16 and 17.
	Over broken land, through scattered undergrowth.
	Desc. 20 ft. along W. slope.
13.30	Spur, slopes NE.; desc. 160 ft. over broken N. slope.
26.40	S. rim of Coyote Creek, bears NW. and SE.; by triangulation desc. about 200 ft. over ledges facing NE.
30.00	Coyote Creek, 60 lks. wide, 4 ft. deep, drains SE.; asc. about 200 ft. over ledges facing SW.
38.50	Top of knobby point, projects SW. 60 lks. to end at N. rim of Coyote Canyon.
40.00	True point for the ¼ sec. cor. of secs. 16 and 17 falls on inaccessible ledges facing NW. where cor. cannot be perpetuated.
	Desc. 70 ft. over steep NW. slope.
42.00	Wash, 40 lks. wide, 3 ft. deep, drains SW.; asc. about 70 ft. over steep SE. slope.
43.10	Point selected for the witness ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R8E ¼ S17 | S16 WC 1958
	Asc. 120 ft. over broken and irregular S. slope.
68.00	S. rim of inaccessible canyon, bears SW. and NE.; traverse to point selected for the witness cor. on the N. bdy. of sec. 16; topography estimated; desc. about 150 ft. over ledges facing NW.
70.50	Wash in canyon, drains SW.; asc. 150 ft. over ledges facing SE.
73.00	N. rim of canyon, bears SW. and NE.
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on inaccessible ledges facing SE. where cor. cannot be perpetuated.
	The point selected for the witness cor. of secs. 8, 9, 16 and 17 bears N. 89° 58' E., 9.52 chs. dist.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E W S8 | S9 CS17 | S16 1958
	Land, broken. Soil, exposed sandstone and sand. Timber, scattered scrub pinon and juniper. Undergrowth, black brush and mountain rush.

Chains	
	From the cor. of secs. 9, 10, 15 and 16,.
	S. 89° 58' W., bet. secs. 9 and 16.
	Over broken land, through scattered pinon and juniper.
	Asc. 40 ft. over broken SE. slope.
4.50	Low spur, slopes S.; desc. 110 ft. along broken S. slope.
21.20	Wash, 30 lks. wide, 3 ft. deep, drains S. 20° W.; asc. 50 ft. along broken S. slope.
30.50	Sandstone knoll, thence along broken S. slope.
39.99	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R8E ¼ S 9 S16 1958
	Asc. 10 ft. along broken S. slope.
53.20	Spur, slopes S.; desc. 90 ft. over broken W. slope.
59.60	Wash, 30 lks. wide, 3 ft. deep, drains S.; asc. 80 ft. over broken E. slope.
69.40	Spur, slopes S.; desc. W. slope.
70.45	The witness cor. of secs. 8, 9, 16 and 17.
	Desc. 150 ft. over inaccessible broken W. slopes and ledges facing W.
75.00	Wash in canyon, drains SW.; asc. 150 ft. over ledgy SE. slope.
79.97	The true point for the cor. of secs. 8, 9, 16 and 17.
	Land, broken. Soil, exposed sandstone and sand. Timber, scattered pinon and juniper. Undergrowth, black brush and mountain rush.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling desert land; asc. 100 ft. over general S. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S32 | S33 1958
	Deposit charcoal at base of post.

Chains	
	Asc. 40 ft.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground with brass cap mkd.
	T39S R8E S29 | S28 S32 | S33 1958
	Deposit charcoal at base of post.
	Land, rolling desert.
	Soil, sandy.
	Timber, none.
	Undergrowth, moderate black brush and mountain rush, scattered cacti and grasses.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over rolling desert land, through moderate black brush and mountain rush; asc. 110 ft. over gently rolling S. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S31 | S32 1958
	Deposit charcoal at base of post.
	Asc. 190 ft. over S. slope.
68.40	Slope changes to W.
73.10	Track road, bears S. 60° W. and N. 60° E.
75.10	Slope changes to N.; desc. 40 ft.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, in a collar of stone, with brass cap mkd.
	T39S R8E S30 | S29 S31 | S32 1958
	Land, rolling.
	Soil, sandy.
	Timber, none.
	Undergrowth, moderate black brush, mountain rush, scattered cacti and grasses.

Portion of Subdivision, T. 39 S., R. 8 E.

Chains	
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89° 59' W., bet. secs. 29 and 32.
	Over rolling land; asc. 10 ft. along rolling S. slope.
40.00	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S29/S32 1958
	Deposit charcoal at base of post.
41.50	Slope changes to SE.; asc. 60 ft.
60.10	Top of ascent.
62.80	Track road, bears N. 70° E. and S. 70° W.; desc. 40 ft. over rolling N. 20° W. slope.
80.00	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling desert. Soil, sandy. Timber, none. Undergrowth, moderate black brush, mountain rush, scattered cacti and grasses.

General Description

The land within this township is rolling and broken. The elevation varies from 5,200 ft. on the ridges to 3,600 ft. in the Escalante River. The area is drained by the Escalante River in a southeasterly direction.

The soil varies from sandy to exposed and distorted sandstone of a few inches on the higher elevations to several feet in the canyons.

The timber is composed of widely scattered scrub pinon and juniper with scattered cottonwoods in the canyons.

Principal users of the area are cattlemen and access into the township is provided by desert roads and stock trails.

Access to the survey lines was provided by helicopters.

No mineral formations of consequence were noted during the survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Elden W. Sibley	Principal Assistant
Ferrel D. Reynolds	Chainman
Olaf M. Shakespear	Flagman and Chainman
Leland C. Allen	Cornerman
Leland A. Ricketts	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 195 I have surveyed the east boundary, the north boundary and a portion of the subdivisi of T. 39 S., R. 8 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.

March 24, 1959
Salt Lake City, Utah

Craig P. Sylvester
Craig P. Sylvester
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—63865-8

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max R. Porter	Axeman

16—53565-2

336

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that in pursuance of special instructions bearing date of the 17th day of September, 19[illegible] I have surveyed a portion of the subdivision of T. 39 S., R. 8 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.

March 24, 1959

Salt Lake City, Utah

Boyd S. Owens

Boyd S. Owens
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, 19__

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

_____
Cadastral Engineering Staff Officer.

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.

_____
Cadastral Engineering Staff Officer.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman
Wallace R. Ott	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 195[illegible] I have surveyed a portion of the subdivision of T. 39 S., R. 8 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.

March 24, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ supervised the survey of the east boundary, the north boundary and a portion of the subdivision of T. 39 S., R. 8 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.

March 24, 1959
Salt Lake City, Utah

Vern E. Lane
Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east boundary, the north boundary and a portion of the subdivision of T. 39 S., R. 8 E., Salt Lake Meridian, Utah

executed ~~by~~ under the supervision of Vern E. Lane, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Acting *Cadastral Engineering Staff Officer.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 39 S. R. 8 E., SLM, Utah, is a true copy of the original field notes.~~

~~*Cadastral Engineering Staff Officer.*~~

4—879
(September 1948)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 39 SOUTH, RANGE 9 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cadastral Surveyor

Lacel E. Bland - Cadastral Surveyor

Under special instructions dated September 17, *19*57, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *19*58

Survey commenced September 18, *19*58

Survey completed October 7, *19*58

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 39 South, *Range* 9 East

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16—56770-1

Boyd S. Owens

Lacel E. Bland

Chains

The west boundary was surveyed concurrently and under Group 410 by Craig P. Sylvester. The notes thereof are included in the field notes of Tp. 39 S., R. 8 E.

The south boundary was surveyed concurrently and under Group 410 by Boyd S. Owens. The notes there are included in the field notes of Tp. 40 S., R. 9 E.

The following field notes are those of the survey of the east and north boundaries and a portion of the subdivision of Tp. 39 S., R. 9 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 460147 and 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approx. as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 22' 10.81" N. and longitude 110° 52' 15.09" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15°15' E.

East Boundary of Tp. 39 S., R. 9 E.

Chains	
	Beginning at the true point for the cor. of Tps. 39 and 40 S., Rs. 9 and 9½ E., from which it's witness cor. bears S., 70 lks. dist., a 1 in. iron post, set, mkd. and witnessed as described in the survey of Tp. 40 S., R. 9 E.
	North, bet. secs. 31 and 36.
	Over steep rolling land; by triangulation, topography as taken from U.S.G.S. topographic sheet, desc. about 160 ft. over steep, exposed sandstone and nearly vertical wall facing NW.
2.00	Bottom of canyon, near head, drains SW.; asc. about 240 ft. over canyon wall and steep sandstone slope facing S.
6.60	End of triangulation; asc. 50 ft. over exposed sandstone facing SW.
18.60	S. rim of blackbrush bench, bears irregularly SE. and N.; continue along W. edge of bench.
24.70	Leave bench; desc. 20 ft. over rolling sandstone, W. drainage and exposure.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R9E R9½E ¼ S36 | S31 1958
	Desc. 50 ft. over rolling, slightly broken sandstone, W. drainage and exposure.
68.00	Desc. 100 ft. over sandstone on steep NW. slope.
74.60	Sandstone gulch, drains SW.; asc. 110 ft. over SE. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R9E R9½E S25 | S30 S36 | S31 1958
	Land, rolling, slightly broken. Soil, exposed sandstone, shallow sand. Timber, widely scattered scrub juniper. Undergrowth, moderate blackbrush on bench, scattered throughout remainder.
	North, bet. secs. 25 and 30.
	Over rolling, exposed sandstone; asc. 40 ft. over SE. slope.
2.80	Slope changes to E.; asc. 90 ft.
23.70	Leave E. slope; asc. 30 ft. over rolling sandstone domes and knobs, through scattered scrub juniper.

East Boundary of Tp. 39 S., R. 9 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R9E R9½E ¼ S25 | S30 1958
	Asc. 100 ft. over rolling sandstone.
59.40	Enter broken sandstone ribs, W. drainage; desc. 40 ft.
72.50	Sandstone gulch, drains W.; asc. 50 ft. over sandstone facing S.
77.10	Spur, slopes W.; desc. 10 ft. along rolling W. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R9E R9½E S24 | S19 S25 | S30 1958
	Land, rolling, broken. Soil, mostly exposed sandstone. Timber, widely scattered scrub juniper. Undergrowth, scattered blackbrush and grass.
	North, bet. secs. 19 and 24.
	Desc. 10 ft. over rolling sandstone draining W.
5.20	S. rim of Bowns Canyon, bears NE. and S. 70° W.; desc. 110 ft. over steep canyon wall facing N.
7.80	Broken bottom of Bowns Canyon, drains S. 70° W.; asc. 150 ft. over sandstone facing S.
15.10	N. rim of Bowns Canyon, bear NE. and S. 70° W.; asc. 10 ft. over rolling sandstone.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R9E R9½E ¼ S24 | S19 1958
	Asc. 280 ft. over rolling sandstone.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.

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Chains	
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T39S R9E R9½E S13 | S18 S24 | S19 1958 Cor. is located on exposed sandstone slope facing SE. Land, rolling. Soil, mostly exposed sandstone, shallow pockets of sand. Timber, widely scattered scrub juniper and pinon. Undergrowth, scant blackbrush.
	North, bet. secs. 13 and 18. Over rolling, exposed sandstone; asc. 170 ft. over SE. slope.
14.20	Top of ascent; desc. 170 ft. over steep rolling sandstone facing N.
29.30	Base of steep N. slope; desc. 20 ft. over gentle rolling land, through scattered scrub juniper and pinon.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E R9½E ¼ S13 | S18 1958 Continue over gentle rolling sandstone, through scattered juniper and pinon.
80.00	Point for the cor. of secs. 7, 12, 13 and 18. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R9E R9½E S12 | S 7 S13 | S18 1958 Land, rolling. Soil, mostly exposed sandstone, shallow sand. Timber, scattered scrub pinon and juniper. Undergrowth, scattered blackbrush, cacti and grass.
	North, bet. secs. 7 and 12. Over gentle rolling land, through scattered juniper and pinon.
16.20	Desc. 90 ft. over N. slope.
20.90	Wash, 1 ch. wide, 1 ft. deep, drains S. 70° W.; asc. 140 ft. over rolling, exposed sandstone facing S.

Chains	
37.10	Top of ascent; desc. 20 ft. over rolling NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E R9½E ¼ S12 | S 7 1958
	Desc. 10 ft.
48.40	Small sandstone wash, drains SW.; asc. 350 ft. over steep rolling sandstone facing SE.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R9E R9½E S 1 | S 6 S12 | S 7 1958
	Land, rolling. Soil, sandstone, shallow sand. Timber, scattered to moderate scrub pinon and juniper. Undergrowth, scattered blackbrush, grass, sage.
	North, bet. secs. 1 and 6.
	Over rolling land, through scattered scrub pinon and juniper; desc. 110 ft. over rolling NW. slope.
36.30	Slope changes to N.; desc. 50 ft.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E R9½E ¼ S 1 | S 6 1958
	Desc. 60 ft. over N. slope.
44.90	Small wash, drains W.; continue over gentle rolling land.
57.10	Wash, 40 lks. wide, 2 ft. deep, drains SW.; asc. 180 ft. over rolling sandstone facing generally S.
80.00	Point for the cor. of Tps. 38 and 39 S., Rs. 9 and 9½ E.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.

East Boundary of Tp. 39 S., R. 9 E.

Chains	
	T38S R9E R9½E S36 | S31 S 1 | S 6 T39S 1958
	Land, rolling. Soil, exposed sandstone, shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, scattered blackbrush, cacti and grass.

North Boundary of Tp. 39 S., R. 9 E.

	N. 89° 59' W., bet. secs. 1 and 36.
	Over rolling land; asc. 130 ft. along general S. slope.
12.80	Slope changes to SE.; asc. 100 ft.
21.50	Sandstone spur, slopes irregularly N. 70° E.; desc. 230 ft. over rolling NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in a drilled hole in solid sandstone, with brass cap mkd. T38S R9E ¼ S36 S 1 T39S 1958
	Desc. 40 ft.
41.00	Canyon rim, bears NE. and SW. bending to W.; by triangulation desc. 770 ft. over vertical wall and steep talus slope facing NW.
60.00	Wash in bottom of Cow Canyon, 20 lks. wide, 2 ft. deep, course irregularly W. from NE.; continue along canyon bottom where intermittent seeps of good drinking water are found.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T38S R9E S25 | S36 S 2 | S 1 T39S 1958
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
	Cor. is located about 50 lks. S. of wash, among thick cottonwoods.
	Land, rolling, broken. Soil, exposed sandstone E. 50 chs., sandy remainder. Timber, scattered scrub pinon and juniper on E. 50 chs., cottonwoods in canyon bottom. Undergrowth, scattered blackbrush, grass on E. 50 chs., oak, grass, yellow brush, sage and mountain rush in canyon bottom.

North Boundary of Tp. 39 S., R. 9 E.

Chains	
	N. 89° 59' W., bet. secs. 2 and 35,
	Over gently rolling land, along bottom of Cow Canyon, course W.
15.30	Wash draining from the N. intersects Cow Canyon Wash on bend to SW.; asc. 30 ft. over E. slope.
16.30	Low end of spur, slopes S.; end of triangulation; asc. 10 ft. along rolling S. slope.
24.30	Low spur, slopes SW.; desc. 60 ft. over W. slope.
29.20	Wash, 50 lks. wide, 3 ft. deep, drains SW. from N.; asc. 80 ft. over SE. slope.
34.60	Low spur, slopes SW.; desc. 60 ft. over W. slope.
37.30	Small wash, drains S.; asc. 50 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38S R9E ¼ S35 / S 2 T39S 1958
	Asc. 10 ft. over E. slope.
40.60	Low broken spur, slopes S.; Indian ruins bear N., 50 lks. dist.; by triangulation, topography as taken from U.S.G.S. topographic sheets, desc. about 40 ft. over W. slope.
	Note: Numerous Moqui Indian ruins were found in Cow Canyon.
45.00	Small wash, good drinking water, course S.; asc. about 40 ft. over E. slope.
48.00	Low spur, slopes S. 30° E.; desc. about 30 ft. over SW. slope.
53.00	Short draw, small seep of good drinking water, course S. 30° E.; asc. 570 ft. over steep talus slope and nearly vertical wall facing E.
60.90	End of triangulation on E. rim of point projecting S., rim bears N. circling E. and S.; asc. 30 ft. over point.
62.30	W. rim of point, bears N. and S. on bend to W.; by triangulation asc. 50 ft. along wall of cove facing S.
69.00	N. rim of Cow Canyon, bears S. 30° W. and NE. on bend to E.; asc. 120 ft. over rolling sandstone facing SE.
72.40	End of triangulation.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T38S R9E S34 | S35 S 3 | S 2 T39S 1958

Chains	
	Land, rolling, broken. Soil, sandy, exposed sandstone. Timber, cotton wood, oak in canyon, scattered scrub pinon and juniper on top. Undergrowth, blackbrush, grass, oak, yellow brush, sage and mountain rush in canyon; scant otherwise.
	N. 89° 59' W., bet. secs. 3 and 34. Over rolling exposed sandstone, general SW. drainage; asc. 30 ft.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T38S R9E ¼ S34 / S 3 T39S 1958 Cor. is located on SE. slope. Asc. 170 ft. over rolling SE. slope.
71.80	Broken sandstone spur, slopes SW.; desc. 70 ft. along rolling N. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T38S R9E S33 | S34 S 4 | S 3 T39S 1958 Land, rolling. Soil, mostly exposed sandstone. Timber, scattered scrub pinon and juniper. Undergrowth, scant blackbrush.
	N. 89° 59' W., bet. secs. 4 and 33. Over rolling land; desc. 220 ft. along rolling N. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T38S R9E ¼ S33 / S 4 T39S 1958 Cor. is located on NE. slope of sandstone dome. Asc. 20 ft.

Chains	
41.30	Sandstone dome, slopes sharply N.; thence by triangulation, topography estimated, desc. 40 ft. over NW. slope.
47.00	S. rim of canyon, bears NE. and SW.; desc. about 500 ft. over nearly vertical canyon wall and talus slope facing NW.
60.00	Wash in canyon bottom, drains irregularly SW.; asc. about 480 ft. over talue slope and canyon wall facing SE.
75.60	N. rim of canyon, bears irregularly NE. and SW. on bend to W.; desc. 40 ft. over short point projecting S.
78.30	Point selected for the witness cor. of secs. 4, 5, 32 and 33. Set an iron post, 15 ins. long, 1 ins. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T38S R9E S32 | S33 W S 5 | S 4 C T39S 1958
80.00	True point for the cor. of secs. 4, 5, 32 and 33 falls on canyon wall facing S. where cor. cannot be perpetuated. Land, rolling, broken. Soil, mostly exposed sandstone, sandy in canyon bottom. Timber, scattered scrub pinon and juniper. Undergrowth, widely scattered blackbrush, Brigham tea, grass, cacti, oak and buck brush in canyon.
	N. 89° 59' W., bet. secs. 5 and 32.
	Over rolling exposed sandstone, general SW. exposure; asc. 70 ft.
30.10	Top of ascent; desc. 90 ft. over steep rolling sandstone facing NW.
37.70	Point selected for the witness ¼ sec. cor. of secs. 5 and 32. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T38S R9E ¼ S32 W S 5 C T39S 1958
38.00	Rim of Stevens Canyon, bears NE. and SW.; thence by triangulation, topography as taken from U.S.G.S. sheet, desc. about 400 ft. over canyon wall facing NW.
40.00	True point for the ¼ sec. cor. of secs. 5 and 32 falls near base of wall at inaccessible point and is not monumented. Desc. about 2580 ft. over broken talus slope facing W.
50.00	Wash, bottom of Stevens Canyon, drains SW. on bend to NW. Asc. about 250 ft. along broken ledgy canyon bottom.
80.00	True point for the cor. of secs. 5, 6, 31 and 32 falls on steep broken SE. slope where cor. cannot be perpetuated.

Chains	
	Land, broken. Soil, exposed sandstone, shallow sand. Timber, none; undergrowth, scant blackbrush.
	N. 89° 59' W., bet. secs. 6 and 31.
	Over broken land; asc. about 100 ft. over broken SE. slope.
7.90	Point selected for the witness cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T38S R9E S31 | S32 W S 6 | S 5 C T39S 1958
	Witness cor. is located on low spur projecting S.
	Asc. about 40 ft. along spur.
18.00	Base of nearly verical wall facing SE.; asc. about 360 ft.
20.00	Rim of Stevens Canyon, bears NE. and SW.; continue over rolling sandstone.
26.70	End of triangulation; desc. 110 ft. over steep rolling sandstone facing SW.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T38S R9E ¼ S31 S 6 T39S 1958
	Desc. 150 ft.
45.20	Side canyon, drains SW. to Escalante River; asc. 180 ft. over SE. slope.
54.40	Broken sandstone spur, slopes SW.; by triangulation desc. about 320 ft. over steep sloping sandstone and slightly broken slope facing W.
79.29	The cor. of Tps. 38 and 39 S., Rs. 8 and 9 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the E. bdy. of Tp. 39 S., R. 8 E.
	Land, broken. Soil, exposed sandstone, shallow sand. Timber, none; undergrowth, scant blackbrush.

Portion of the Subdivision, Tp. 39 S., R. 9 E.

Chains	
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling and broken land; by triangulation, topography as taken from U.S.G.S. topographic map, desc. about 40 ft. along sloping sandstone facing E.
17.00	W. rim of Bowns Canyon, bears irregularly N. 15° W. and S. 15° E.; desc. about 240 ft. over steep sloping sandstone facing NE.
30.00	Base of steep descent; thence along bottom of Bowns Canyon.
35.50	Base of point projecting E.; asc. about 80 ft. over steep SE. slope.
40.00	True point for the cor. of secs. 35 and 36 falls at inaccessible point where the cor. cannot be perpetuated.
	Asc. about 200 ft. over steep sandstone slope facing SE.
48.00	W. rim of Bowns Canyon, bears irregularly N. 20° E. and S. 20° W.
50.00	Point selected for the witness ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R9E ¼ S35 | S36 W C 1958
	End of triangulation; asc. 260 ft. over rolling and broken sandstone, facing SE.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R9E S26 | S25 S35 | S36 1958
	Land, rolling, broken. Soil, exposed sandstone, shallow sand. Timber, none; undergrowth, scant blackbrush.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.
	N. 89° 57' W., bet. secs. 25 and 36.
	Over rolling land; asc. 60 ft. over steep, exposed sandstone facing SE.
2.50	Rim of bench, bears NE. and SW.; continue over S. end of bench.
5.60	Rim of bench, bears NW. and SE. about 2 chs., thence NE.; desc. 40 ft. over SW. slope.

Chains	
11.40	Slope changes to W.; desc. 70 ft.
14.50	Small wash, drains S. from irregularly W.; asc. 60 ft. over SE. slop
22.60	Recross wash at bend, drains E. from N.; asc. 50 ft.
32.30	Top of SE. slope; desc. 30 ft. along S. edge of blackbrush covered bench.
40.01	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R9E ¼ S25/S36 1958
44.00	E. rim of Bowns Canyon, bears N. 30° E. and S.; by triangulation, topography as taken from U.S.G.S. topographic sheet, desc. about 360 ft. over steep broken canyon wall facing W.
54.00	Wash in bottom of Bowns Canyon, good drinking water, 30 lks. wide, 2 ft. deep, course S. 15° W.; asc. about 360 ft. over slope and canyon wall facing E.
66.00	W. rim of Bowns Canyon, bears N. 30° E. and S.; asc. about 280 ft. over rolling sandstone sloping SE.
80.02	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling, broken. Soil, exposed sandstone, shallow sand. Timber, widely scattered scrub juniper E. ½ mile. Undergrowth, moderate blackbrush and grass on bench top and in Bowns Canyon, scant undergrowth throughout remainder.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the townsh
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling sandstone; asc. 10 ft.
9.70	Begin triangulation, topography as taken from U.S.G.S. topographic map; desc. about 40 ft.
14.00	S. rim of canyon, bears NE. and SW.; desc. about 360 ft. over nearly vertical canyon wall and steep talus slope facing NW.
19.00	Wash in canyon bottom, drains SW.; asc. about 480 ft. over steep slope and vertical canyon wall facing SE.
26.50	N. rim of canyon, bears NE. and SW.; continue over rolling sandstone and shallow pockets of sand.
34.00	End of triangulation; desc. 10 ft.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.

Chains	
	T39S R9E ¼ S33 | S34 1958
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Asc. 30 ft. over gently rolling sandstone, shallow sandy pockets.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E S28 | S27 S33 | S34 1958
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, gently rolling, slightly broken. Soil, mostly exposed sandstone, shallow sandy pockets. Timber, widely scattered scrub juniper and pinon. Undergrowth, scattered blackbrush, grass and Brigham tea.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling land.
1.30	Narrow gulch, about 40 ft. deep, drains irregularly SW.; asc. 100 ft. over rolling sandstone.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T39S R9E ¼ S28 | S27 1958
	Desc. 60 ft.
45.60	Wash, 70 lks. wide, 1 ft. deep, drains irregularly SW.; asc. 140 ft. over rolling exposed sandstone.
74.60	Leave exposed sandstone; asc. 40 ft. over rolling bench, through heavy blackbrush.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T39S R9E S21 | S22 S28 | S27 1958
	Deposit charcoal at base of post.
	Land, rolling. Soil, exposed sandstone, shallow sand. Timber, widely scattered scrub juniper and pinon. Undergrowth, heavy blackbrush on bench, scant blackbrush on remainder.

Chains	
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling bench land, through heavy blackbrush; desc. 10 ft.
16.50	Leave bench, continue over rolling sandstone with shallow pockets of sand.
29.00	S. rim of Fence Canyon, bears S. 80° W. and N. 80° E.; by triangulat topography as taken from U.S.G.S. topographic map, desc. about 500 f over vertical wall and steep talus slope facing N.
35.00	Wash, drains S. 70° W.; asc. about 300 ft. over wall facing S.
40.00	True point for the ¼ sec. cor. of secs. 21 and 22 falls on inaccessi canyon wall where cor. cannot be perpetuated.
	Asc. about 200 ft. over canyon wall facing SE.
41.50	N. rim of Fence Canyon, bears E. and S. 80° W.; thence over sandston formation sloping SW.
41.60	Point selected for the witness ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E ¼ S21 | S22 W C 1958
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
	Asc. 140 ft. over sandstone formation sloping SW.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in sand to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R9E S16 | S15 S21 | S22 1958
	Land, rolling, broken. Soil, exposed sandstone, shallow sand. Timber, scattered scrub juniper and pinon. Undergrowth, heavy blackbrush on bench top, scattered pockets of moderate blackbrush throughout remainder.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over sandstone formations sloping SW.; asc. 40 ft.
16.36	Begin triangulation, topography as taken from U.S.G.S. topographic ma
17.00	S. rim of Cow Canyon, bears SW. and NE.; desc. about 440 ft. over cliff facing NW.
26.00	Wash, bottom of Cow Canyon, 30 lks. wide, 2 ft. deep, course SW.; asc. about 240 ft. over steep, broken talus slope facing S.
40.00	True point for the ¼ sec. cor. of secs. 15 and 16 falls on broken inaccessible talus slope where cor. cannot be perpetuated.

Portion of the Subdivision, Tp. 39 S., R. 9 E.

Chains	
	Asc. about 200 ft. over S. slope.
46.90	N. rim of Cow Canyon, bears NE. and NW. on bend to SW.
47.00	Point selected for the witness ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E ¼ S16 | S15 W C 1958
	Continue over rolling sandstone formation, S. drainage and exposure; asc. 180 ft.
76.50	Sandstone spur, slopes E. from N.; desc. 30 ft. along E. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T39S R9E S 9 | S10 S16 | S15 1958
	Land, rolling and broken. Soil, exposed sandstone, shallow sand. Timber, widely scattered pinon and juniper. Undergrowth, scant blackbrush.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling sandstone formations, S. drainage and exposure.; asc. 280 ft.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T39S R9E ¼ S 9 | S10 1958
	Asc. 310 ft.
68.40	Top of ascent; desc. 120 ft. over NW. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	T39S R9E S 4 | S 3 S 9 | S10 1958
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

Chains	Notes
	Land, rolling. Soil, mostly exposed sandstone. Timber, widely scattered juniper and pinon. Undergrowth, scant blackbrush.
	N. 0° 09' E., bet. secs. 3 and 4.
	Over rolling sandstone; desc. 400 ft. over NW. slope.
25.90	Wash, sandstone bottom, 50 lks. wide, 2 ft. deep, drains irregularly SW.; asc. 250 ft. over rolling sandstone facing SE.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. T39S R9E ¼ S 4 | S 3 1958
	Asc. 290 ft.
78.00	Top of ascent; desc. 40 ft. over rolling N. slope.
79.98	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township.
	Land, rolling. Soil, mostly exposed sandstone. Timber, widely scattered juniper and pinon. Undergrowth, scant blackbrush.
	From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over rolling sandstone; desc. 110 ft. over SE. slope.
17.40	W. rim of Cow Canyon, bears irregulary NE. and SW.; by triangulation desc. 650 ft. over nearly vertical wall facing SE.
36.00	Base of canyon wall at end of sandstone point projecting E.; continue along canyon bottom.
39.99	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R9E ¼ S 3 | S 2 1958
	Continue by triangulation, topography as taken from U.S.G.S. topographic map.
41.80	Desc. about 50 ft. over sloping wash bank facing SE.
48.00	Wash in bottom of Cow Canyon, course SW.; asc. about 400 ft. over talus slope and canyon wall facing NW.

Chains	
70.70	E. rim of Cow Canyon, bears NE. and SW.; end of triangulation; asc. 10 ft. over rolling sandstone draining W.
79.99	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a mound of stone, 2 ft. base to top, with brass cap mkd. T39S R9E S 3 | S 2 S10 | S11 1958 Land, rolling, broken. Soil, exposed sandstone, shallow sand. Timber, scattered scrub pinon and juniper, cottonwoods along canyon bottom. Undergrowth, moderate oak, grass and blackbrush in canyon, scant undergrowth throughout remainder.
	S. 89° 59' E., bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10 as specified in the special instructions. Over rolling sandstone, S. drainage; desc. 120 ft.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in drilled hole in solid sandstone, with brass cap mkd. T39S R9E ¼ S 2 S11 1958 Desc. 30 ft.
42.30	Small wash, sandstone bottom, drains irregularly S.; asc. 110 ft. over steep W. slope.
47.10	Sandstone finger spur, slopes S.; desc. 40 ft. over rolling SE. slope.
64.50	Small wash, sandstone bottom, drains SW.; asc. 100 ft. over NW. slope.
70.00	Slope changes to N. along slope of dome.
73.80	Slope and drainage change to S.
80.00	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in drilled hole in solid sandstone, with brass cap mkd. T39S R9E S 2 | S 1 S11 | S12 1958 Land, rolling. Soil, mostly sandstone. Timber, scattered scrub juniper and pinon. Undergrowth, scant blackbrush.

Chains	
	N. 0° 01' W., bet. secs. 1 and 2.
	Over rolling sandstone; asc. 50 ft. over S. slope.
5.40	Slope changes to rolling W.; asc. 60 ft.
23.60	Head of small wash, sandstone bottom, drains irregularly SW.; asc. 240 ft. over rolling sandstone formations facing S.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T39S R9E ¼ S 2 | S 1 1958
	Asc. 130 ft.
54.30	Sandstone ridge, bears E. and W.; desc. 180 ft. over steep N. slope.
66.19	By triangulation, topography as taken from U.S.G.S. topograghic map, desc. about 80 ft. over N. slope.
71.00	S. rim of Cow Canyon, bears irregularly E. and W.; desc. about 770 ft. over nearly vertical canyon wall and steep talus slope facing N.
79.93	The cor. of secs. 1, 2, 35 and 36.
	Land, rolling. Soil, exposed sandstone. Timber, scattered scrub pinon and juniper. Undergrowth, scant blackbrush.
	From the cor. of secs. 15, 16, 21 and 22.
	N. 89° 58' W., bet. secs. 16 and 21.
	Over sloping sandstone formations draining SW.; asc. 10 ft.
14.60	S. rim of Cow Canyon, bears S. 60° W. and NE.; by triangulation desc. about 500 ft. over cliff and talus slope facing NW.
39.00	Wash in bottom of Cow Canyon, 50 lks. wide, 1 ft. deep, course S. on bend to W.; good drinking water.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 36 ins. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R9E ¼ S16 / S21 1958
	The cor. is located at the base of large cottonwood.
	Continue along right bank of wash.
44.00	Wash, bends to S.; asc. about 500 ft. over talus slope and ledges facing E.

Portion of the Subdivision, Tp. 39 S., R. 9 E.

Chains	
55.00	N. rim of Cow Canyon, bears N. 15° E. and S. 15° W.; asc. 10 ft. over E. slope.
59.10	End of triangulation; desc. 10 ft. over rolling sandstone.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R9E
S17 | S16
S20 | S21
1958

Land, rolling and broken.
Soil, mostly exposed sandstone, sandy and rocky in canyon bottom.
Timber, scattered scrub juniper and pinon.
Undergrowth, scattered pockets of blackbrush, grass and Brigham tea; moderate oak and grass in Cow Canyon.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling sandstone, through scattered scrub juniper, general S. drainage and exposure; asc. 90 ft.

23.40	Drainage and exposure changes to W.; continue along rolling slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.

T39S R9E
¼
S17 | S16
1958

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Asc. 70 ft. along rolling sandstone, W. drainage and exposure.

80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.

T39S R9E
S 8 | S 9
S17 | S16
1958

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling, slightly broken.
Soil, mostly exposed sandstone, shallow sandy pockets.
Timber, scattered scrub juniper, pinon.
Undergrowth, pockets of moderate blackbrush, scattered grass, silverleaf, Brigham tea and cacti.

U. S. GOVERNMENT PRINTING OFFICE 16—28520-2

Chains	
	From the cor. of secs. 9, 10, 15 and 16,
	N. 89° 58' W., bet. secs. 9 and 16.
	Over rolling land; asc. 40 ft. over E. slope.
2.20	Top of ascent; thence over broken sandstone spur sloping S.
7.10	Desc. 120 ft. over rolling sandstone facing W.
16.20	Small wash, sandstone bottom, drains S.; asc. 110 ft. over SE. slope.
29.40	Top of SE. slope; thence over slightly broken rolling land.
39.99	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R9E ¼ S 9 / S16 1958
	Asc. 20 ft.
49.50	Slope and drainage changes to W.; desc. 180 ft. over rolling sandston domes and ribs.
79.97	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling. Soil, mostly exposed sandstone. Timber, scattered scrub juniper, pinon. Undergrowth, scattered blackbrush, Brigham tea, grass and cacti.
	From the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, from which its witness cor. bears N. 89° 58' W. 6.00 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey.
	N. 0° 03' W., bet. secs. 32 and 33.
	By triangulation.
2.80	Left bank of the Escalante River, bears NW. and SE.; asc. about 120 ft. over nearly vertical ledge.
14.00	Sandstone spur, projects N. 60° W., 5.00 chs. dist.; desc. about 120 ft. over nearly vertical ledge.
20.50	Left bank of the Escalante River, bears NE. and SW.
23.00	Right bank of the Escalante River, bears NE. and SW.; asc. about 400 ft. over nearly vertical ledge.
24.00	Top of ascent; rim above river bears E. and SW.; continue over rollin sandstone.
26.00	Sandstone spur, projects E.
27.80	Right bank of the Escalante River, bears SE. and N.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32 falls in river where cor. cannot be perpetuated.

Portion of the Subdivision, Tp. 39 S., R. 9 E.

Chains	
44.00	Right bank of the Escalante River, bears N. 20° E. and S. 10° W.
44.15	Point selected for the witness ¼ sec. cor. of secs. 31 and 32; end of triangulation. Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E ¼ S32 | S33 W C 1958 Asc. 100 ft. over SE. and E. slope.
58.40	Rim above river, bears N. 70° E. and S. 70° W.; desc. 100 ft. over nearly vertical ledge.
60.00	Right bank of the Escalante River, bears N. 70° E. and S. 70° W.
64.00	Left bank of the Escalante River, bears N. 70° E. and S. 70° W.; asc 160 ft. over S. slope.
71.90	Top of ascent, rim bears E.and W.; desc. 65 ft. over N. slope.
77.64	Point selected for the witness cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E W C S29 | S28 S32 | S33 1958
77.80	Base of inaccessible sandstone dome; asc. 250 ft. over SE. slope of sandstone.
80.00	True point for the cor. of secs. 28, 29, 32 and 33 falls on inaccessible SE. slope of sandstone some where cor. cannot be perpetuated. Land, broken and ledges. Soil, sandstone and sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, an iron post, 1 in. diam., set, mkd. and witnessed as described in the concurrent survey. N. 0° 03' W., bet. secs. 31 and 32. Over rolling and distorted sandstone, through scattered undergrowth; asc. 20 ft. over S. slope.
1.30	Top of ascent; sandstone knob; continue along W. slope of sandstone.
20.00	Begin ascent of 90 ft. over S. slope.
35.20	Top of ascent; sandstone ridge bears N. 70° E. and S. 60° W.; desc. 10 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32, on N. slope.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R9E ¼ S31 | S32 1958
	Desc. 85 ft. over N. slope.
45.10	Wash, 20 lks. wide, 3 ft. deep, drains S. 60° W.; asc. 120 ft. over SE. slope.
49.90	Top of ascent; sandstone ridge bears NE. and SW.; continue over rolling sandstone.
80.00	Point for the cor. of secs. 29, 30, 31 and 32 falls on SW. slope of sandstone.
	Set an iron post, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd. T39S R9E S30 | S29 S31 | S32 1958
	Land, rolling. Soil, distorted sandstone and sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.
	From the true point for the cor. of secs. 28, 29, 32 and 33.
	N. 89° 58' W., bet. secs. 29 and 32.
	Asc. 100 ft. over SE. slope of sandstone dome.
5.00	Top of ascent on S. slope of some; desc. 350 ft. over SW. slope.
19.70	Rim above river, bears SW. and N. 30° E.; desc. 80 ft. over W. slope.
21.70	Left bank of the Escalante River, bears SW. and N. 30° E.
26.00	Right bank of the Escalante River, bears SW. and NE.; asc. 80 ft. over E. slope.
36.28	Point selected for the witness ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E ¼ W S29 C S32 1958
	Asc. 120 ft. over SE. slope; continue by triangulation.
39.97	Point for the ¼ sec. cor. of secs. 29 and 32 falls on inaccessible and narrow bench, bears N. and S., where cor. cannot be perpetuated.

Portion of the Subdivision, Tp. 39 S., R. 9 E.

Chains	
53.00	Narrow sandstone top, 150 ft. high, bears S. and N. 10° E.; asc. 250 ft. over nearly vertical ledge.
62.00	Top of rim above river, bears irregularly N. and S.; asc. 110 ft. over E. slope.
79.94	The cor. of secs. 29, 30, 31 and 32.
	Land, broken ledges and rolling. Soil, sandstone and sandy silt. Timber, none; undergrowth, blackbrush and mountain rush.

GENERAL DESCRIPTION

The area surveyed in Tp.39 S., R. 9 E. is mostly rolling sandstone formations with shallow sandy benches. Stevens Canyon, Cow Canyon and Fence Canyon and their tributaries drain the area southwesterly into the Escalante River. Bowns Canyon drains the southeast portion southerly into the Colorado River.

The soil varies from shallow sand on the bench tops to sandy pockets among the rolling sandstone domes, with lighter sand of greater depth in canyon bottoms. The vertical canyon walls and Moqui Indian dwellings found in the canyons afford some scenic attraction.

The timber is composed of scattered scrub juniper and pinon, with oak in canyon bottoms. The land, primarily in the canyon bottoms, is used for grazing as there is a fair growth of native grass and browse with water in abundance the year around. Access into the area is by way of the Escalante River and down the Water Pocket Fold.

The general elevation of the township ranges from about 3500 ft. to 4600 ft. above sea level; the highest point which is in sec. 1 is about 850 ft. higher.

Access to survey lines was provided by helicopters.

U.S. GOVERNMENT PRINTING OFFICE 16—28520-2

4-690
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis Bland	Cornerman
Max Porter	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed the east and north boundaris and a portion of the subdivision of Township 39 South, Range 9 East

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.

May 20, 1959

Salt Lake City, Utah

Boyd S Owens

Boyd S. Owens, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Wallace R. Ott	Axeman
Andrew M. Nelson	Cornerman

16--53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed a portion of the subdivision of Township 39 South, Range 9 East

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.

May 20, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland, Cartographic Survey Ai

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., *19*....

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE : 16—53605-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ supervised the survey of the east and north boundaries and a portion of the subdivision of Township 39 South, Range 9 East

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.

May 20, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the east and north boundaries and a portion of the subdivision of Township 39 South, Range 9 East, Salt Lake Meridian, Utah

executed by Boyd S. Owens and Lacel E. Bland, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

Donald R. Clement

Acting *Cadastral Engineering Staff Officer.*

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE

4—679
(September 1948)

37

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE SOUTH BOUNDARY

AND

A PORTION OF THE NORTH BOUNDARY

OF

TOWNSHIP 39 SOUTH, RANGE 9½ EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cadastral Surveyor

Under special instructions dated September 17, *1957*, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *1958*

Survey commenced October 13, *1958*

Survey completed October 13, *1958*

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

371

INDEX DIAGRAM

Township 39 South, *Range* 9½ East

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16—56770-1

2491 1/2

Township 39 South, Range 9½ East

Chains

The east boundary of Tp. 39 S., R. 9½ E. was surveyed in 1957 under Group 404. The notes thereof are included in the field notes of Tp. 39 S., R. 10 E.

The west boundary was surveyed concurrently and under Group 410 by Boyd S. Owens. The notes thereof are included in the field notes of Tp. 39 S., R. 9 E.

The following field notes are those of the survey of the south boundary and a portion of the north boundary of Tp. 39 S., R. 9½ E. deemed sufficient in extent to facilitate the development of the natural resources.

The survey was executed with a W. & L. E. Gurley transit, serial No. 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record, the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 22' 10.8" N. and longitude 110° 51' 15.5" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

Chains	
	Beginning at the true point for the cor. of Tps. 39 and 40 S., Rs. 9 and 9½ E., from which its witness cor. bears S., .70 lks. dist., an iron post, 1 in. diam., set mkd. and witnessed as described in the field notes of Tp. 40 S., R. 9 E.
	East., bet. secs. 6 and 31.
	Over rolling land; asc. about 160 ft. over steep NW. slope of sandstone dome.
6.00	Top of ascent; desc. about 40 ft. along slight broken SE. slope.
13.00	Small wash, drains SW.; asc. about 80 ft. over rolling sandstone.
27.00	W. ledge of small bench; desc. 20 ft. over bench top, through moderate blackbrush.
32.40	Point selected for the witness ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R9½E ¼ S31 → W S 6 C T40S 1958
	Cor. is located on NE. slope of bench.
	By triangulation, topography as taken from U.S.G.S. topographic map, desc. about 80 ft. over NE. slope.
36.00	W. rim of Long Canyon, bears NW. and E.; desc. about 200 ft. along steep NE. slope.
40.00	The true point for the ¼ sec. cor. of secs. 6 and 31 falls on precipitous NE. slope where the cor. cannot be perpetuated.
	Desc. about 120 ft. along broken canyon wall facing N.
48.00	Spur, projects NE.; desc. about 80 ft. over broken ledges facing E.
53.00	Wash in bottom of Long Canyon, course irregularly S.; asc. about 130 ft. over broken ledges facing W.
56.00	Spur, projects S. 15° W.; end of triangulation; desc. 70 ft. over broken SE. slope.
63.50	Wash, drains SW.; asc. 100 ft. over NW. slope.
73.14	Intersect W. bdy. of Tp. 39 S., R. 10 E. at the point for the closing cor. of Tps. 39 and 40 S., R. 9½ E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R9½E R10E C S31 | S30 C S 6 | T40S 1958
	From this closing cor., the ¼ sec. cor. of sec. 30, Tp. 39 S., R. 10 E. bears S., 11.00 chs. dist., a 2½ in. iron post, set, mkd. and witnessed as described in the official record.

South Boundary of Tp. 39 S., R. 9½ E.

Chains

Land, rolling and broken.
Soil, exposed sandstone and shallow sand.
Timber, none; undergrowth, moderate blackbrush on bench tops, scattered blackbrush on remainder.

Portion of the North Boundary, Tp. 39 S., R. 9½ E.

From the cor. of Tps. 38 and 39 S., Rs. 9 and 9½ E., an iron post, 1 in. diam., set, mkd. and witnessed as described in the field notes of Tp. 39 S., R. 9 E.

East, bet. secs. 6 and 31.

Over rolling land facing generally S.; asc. 100 ft.

35.97 Intersect the W. bdy. of Tp. 38 S., R. 10 E. at the point for the closing cor.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38S
R9½E R10E
C S31 | S31
C S 6 |
T39S
1958

From this corner the corner of Ts. 38 S., Rs. 9½ and 10 E. bears S., 17.32 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. This corner now functions as the SW corner of T. 38 S., R. 10 E. only.

Land, rolling and broken.
Soil, exposed sandstone and sand.
Timber, scattered scrub pinon and juniper.
Undergrowth, scattered blackbrush, mountain rush, sage and grass.

GENERAL DESCRIPTION

The general description for this area is predominately the same as that of Tp. 39 S., R. 9 E., with the exception that the southern portion is drained southerly into the Colorado River by Bowns Canyon and Long Canyon.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
La Vern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max R. Porter	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1958, I have surveyed the south boundary and a portion of the north boundary of Township 39 South, Range 9½ East,

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.

May 15, 1959

Salt Lake City, Utah

Boyd S Owens

Boyd S. Owens, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

_____

Cadastral Engineering Staff Officer.

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.

_____

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-3

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have ~~surveyed~~ supervised the survey of the south boundary and a portion of the subdivision of Township 39 South, Range 9½ East

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.

May 15, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the south boundary and a portion of the north boundary of Township 39 South, Range 9½ East, Salt Lake Meridian, Utah

executed by Boyd S. Owens, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Donald B. Clement

Acting *Cadastral Engineering Staff Officer.*

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53505-2

4—679
(September 1948)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE SOUTH BOUNDARY (EIGHTH STANDARD PARALLEL SOUTH)

AND

THE EAST BOUNDARY, THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 40 SOUTH, RANGE 7 EAST

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Fred R. Chappell, Cadastral Surveyor
Craig P. Sylvester, Cadastral Surveyor
Dell Cazier, Cadastral Surveyor

Under special instructions dated September 17, *1957*, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *1958*

Survey commenced July 31, *1958*

Survey completed October 13, *1958*

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

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16—56770-1

Fred R. Chappell
Craig P. Sylvester
Dell Cazier

2494

Township 40 South, Range 7 East

Chains	
	The west boundary was surveyed concurrently and under Group 410 by Fred R. Chappell. The notes thereof are included in the field notes of T. 40 S., R. 6 E.
	The following field notes are those of the survey of the south boundary (Eighth Standard Parallel South), the east boundy, north boundary and a portion of the subdivision of T. 40 S., R. 7 E. deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.
	The survey was executed with W. & L. E. Gurley solar transits Nos. 541326, 461263 and 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.
	Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.
	Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from aerial photos. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.
	The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.
	The geographic position for the southeast corner of the township is at latitude 37° 16' 57.73" N. and longitude 111° 05' 18.78" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.
	The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' East.
	South Boundary of T. 40 S., R. 7 E.
	Beginning at the true point for the standard corner of Tps. 40 S., Rs. 6 and 7 E., which is
	East, along the S. bdy. of sec. 31.
	Over broken desert land, through scattered timber and scant undergrowth.

South Boundary, T. 40 S., R. 6 E.

Chains	
.60	Point for the witness standard cor. of Tps. 40 S., Rs. 6 and 7 E.
	Set an iron post, 2½ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	WSC T40S R6E R7E S36|S31 1958
24.60	Clay spur, projects S.; desc. 190 ft. along SE. slope.
33.50	Draw, drains S. 20° W.; asc. 160 ft. over S. slope.
37.30	Spur, projects S. 2.00 chs. to end.
38.00	Point selected for the witness standard ¼ sec. cor. of sec. 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.
	WSC T40S R7E ¼ S31 1958
	Deposit sandstone, 4x4x3 ins., mkd. with a cross (X) at base of post.
	Desc. 140 ft. over SE. slope.
39.20	Draw, drains SW.; asc. 30 ft. over SW. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 31 falls on a sandstone boulder where the cor. cannot be perpetuated; asc. 160 ft. over SW. slope.
46.00	Spur, projects S. 20° W.; desc. 310 ft. over broken SE. slope.
65.80	Draw, drains SW.; asc. 125 ft. along NW. slope.
80.00	Point for the standard cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	S C T40S R7E S31|S32 1958
	Deposit sandstone, 4x3x2 ins., mkd. with a cross (X) at base of post.
	Land, rolling and broken desert. Soil, rocky clay. Timber, widely scattered dwarf juniper. Undergrowth, scattered yellow brush, sagebrush, silver leaf, black brush, grass and weeds.
	East, along the S. bdy. of sec. 32.
	Over broken desert land, through scattered timber and scant undergrowth; asc. 145 ft. over NW. slope.

South Boundary of T. 40 S., R. 7 E.

Chains	
3.20	Rim of canyon, bears NE. and SW.; asc. 225 ft. over W. slope.
18.00	Slope changes to SW.; asc. 345 ft. over SW. slope.
37.40	Enter dense juniper and pinon; asc. 15 ft. along S. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	S C T40S R7E ¼ S32 1958
	Raise a mound of stone, 4 ft. base, 3½ ft. high, N. of cor.; asc. 35 ft. along S. slope.
50.50	Spur, projects S.; desc. 15 ft. over SE. slope.
60.40	Small draw, drains S. 20° W.; asc. 40 ft. over W. slope.
65.80	Spur, projects S.; desc. 165 ft. over E. slope.
66.90	Draw, drains SW.; asc. 425 ft. over SW. slope.
80.00	Point for the standard cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	S C T40S R7E S32 | S33 1958
	Land, broken desert. Soil, rocky clay. Timber, scattered to dense juniper and pinon. Undergrowth, medium service berry, sagebrush, black brush, grass and weeds.
	East, along the S. bdy. of sec. 33.
	Over badly broken desert land, through dense timber and medium undergrowth.
.20	Ledge, 30 ft. high, faces W.; asc. 625 ft. over ledgy SW. slope.
16.50	W. rim of the Fifty Mile Mountain, bears N. and SE.; asc. 145 ft. over SW. slope.
31.40	Top of ascent; desc. 65 ft. over SE. slope.
38.00	Draw, drains S.; asc. 65 ft. over W. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

South Boundary of T. 40 S., R. 7 E.

Chains	
	S C T40S R7E ¼ S33 1958
	Thence over rolling land sloping gently to the S.
69.90	Top of small ascent.
80.00	Point for the standard cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.
	S C T40S R7E S33 | S34 1958
	Land, broken the first 31.00 chs., rolling the balance. Soil, rocky and sandy clay. Timber, dense juniper and pinon. Undergrowth, medium service berry, sagebrush, grass and weeds.
	East, along the S. bdy. of sec. 34.
	Over gently rolling desert mountain land, through scattered patches of timber and medium dense undergrowth.
14.60	Spur, projects S.; desc. 35 ft. over gentle E. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	S C T40S R7E ¼ S34 1958
	Deposit charcoal at the base of the post.
	Desc. 25 ft. over E. slope.
46.20	Stock trail, bears S. 20° E. and N. 20° W.
48.00	Swale, drains N.; asc. 10 ft. over W. slope.
67.20	North edge of knoll; desc. 55 ft. over E. slope.
80.00	Point for the standard cor. of secs. 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.
	S C T40S R7E S34 | S35 1958
	Land, gently rolling desert and mountainous. Soil, sandy loam. Timber, scattered patches of juniper and pinon. Undergrowth, medium sagebrush, yellow brush, service berry, oak, scant grass and weeds.

Chains	
	East, along the S. bdy. of sec. 35.
	Over rolling desert land, through scattered patches of timber and medium undergrowth; desc. 210 ft. over NE. slope.
29.90	Bottom of Lake Canyon, a stream of good water, flows S. 20° E.; asc. 80 ft. over W. slope.
38.00	Spur, projects S.; desc. 10 ft. over SE. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. S C T40S R7E ¼ S35 1958
	Desc. 50 ft. over SE. slope.
43.70	Draw, drains SW.; asc. 50 ft. over W. slope.
80.00	Point for the standard cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. S C T40S R7E S35|S36 1958
	Cor. is located at the S. edge of small grove of oak.
	Land, gently rolling mountain. Soil, sandy clay loam. Timber, scattered patches of oak, juniper and pinon. Undergrowth, medium dense sagebrush, scattered service berry, yellow brush, horse brush, grass and weeds.
	East, along the S. bdy. of sec. 36.
	Over rolling mountain land, through medium undergrowth; desc. 110 ft. over E. slope.
36.00	Draw, drains S.; asc. 15 ft. over W. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. S C T40S R7E ¼ S36 1958
	Deposit charcoal at base of post.
	Asc. 70 ft. over W. slope.
54.20	E. rim of Fifty Mile Mountain, bears SE. and NW.; desc. 600 ft. over badly broken NE. slope.

South Boundary of T. 40 S., R. 7 E.

Chains	
80.00	Point for the standard cor. of Tps. 40 S., Rs. 7 and 8 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	S C T40S R7E R8E S36|S31 1958
	Land, rolling and broken mountain. Soil, rocky and sandy clay. Timber, scattered patches of oak, juniper and pinon. Undergrowth, medium sagebrush, service berry, horse brush, grass and weeds.

East Boundary of T. 40 S., R. 7 E.

	North, bet. secs. 31 and 36.
	Over broken desert land, through medium dense timber and medium undergrowth.
3.00	Bladed road, bears NW. and SE.; desc. 160 ft. along E. slope, over series of small spurs and draws projecting E.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E R8E ¼ S36|S31 1958
41.20	Small wash, drains E.; desc. 175 ft. along E. slope.
65.40	Draw, drains NE.; desc. 25 ft. along E. slope.
69.00	Spur, projects E.; desc. 30 ft. over E. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R7E R8E S25|S30 S36|S31 1958
	Land, broken desert and mountainous. Soil, rocky clay. Timber, medium dense juniper and pinon. Undergrowth, medium sagebrush, service berry and grass.

East Boundary of T. 40 S., R. 7 E.

Chains	
	North, bet. secs. 25 and 30.
	Over broken desert mountain land, through medium dense timber and medium undergrowth; desc. 40 ft. along NE. slope.
3.50	Wash, drains N. 20° E.; desc. 130 ft. along E. slope.
20.40	Draw, drains E.; desc. 220 ft. over series of small spurs and draws projecting E.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E R8E ¼ S25 | S30 1958
	Thence by triangulation across a deep gulch with topography approximate; desc. 600 ft. over ledgy N. slope.
65.00	Bottom of gulch; asc. 300 ft. over broken S. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30 falls on steep slope of sandstone ledge where the cor. cannot be perpetuated.
	Land, broken desert and mountainous. Soil, rocky clay with exposed and broken sandstone. Timber, medium dense juniper and pinon. Undergrowth, medium sagebrush, bitter brush, mountain rush, grass and weeds.
	North, bet. secs. 19 and 24.
	Over broken desert land, through scattered timber and medium undergrowth; asc. 250 ft. over badly broken S. slope.
9.60	Point selected for the witness cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R7E R8E S24 | S19 S25 | S30 W C 1958
	Cor. is set on the point of a high sandstone spur projecting E.
	Desc. 675 ft. over badly broken N. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.

East Boundary of T. 40 S., R. 7 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T40S R7E R8E ¼ S24 | S19 1958
	Deposit charcoal at the base of the post.
	Desc. 140 ft. along gentle E. slope.
53.80	Gulch, drains E.; asc. 55 ft. over SE. slope.
59.30	Spur, projects E.; desc. 125 ft. over NE. slope.
72.20	Small wash, drains NE.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T40S R7E R8E S13 | S18 S24 | S19 1958
	Deposit charcoal at the base of the post.
	Land, broken and rolling desert. Soil, rocky and sandy clay. Timber, none. Undergrowth, medium dense black brush, purple sage and grass.

	North, bet. secs. 13 and 18.
	Over rolling desert land, through medium dense undergrowth.
5.70	Bladed road, bears E. and W.; desc. 15 ft. over NE. slope.
17.30	Left fork of Carcass Wash, drains NE.; asc. 15 ft. over SE. slope.
23.00	Spur, projects NE.; desc. 100 ft. over NE. slope.
29.40	Right fork of Carcass Wash, drains E.; asc. 75 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T40S R7E R8E ¼ S13 | S18 1958
	Deposit charcoal at base of post.
	Desc. 40 ft. along gentle E. slope.

East Boundary, T. 40 S., R. 7 E.

Chains	
71.00	Wash, 3 ft. deep, 20 lks. wide, drains E.
79.60	Bladed road, bears N. 80° W. and S. 80° E.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, in a collar of stone, with brass cap mkd.
	T40S R7E R8E S12 | S 7 S13 | S18 1958
	Raise a mound of stone, 3½ ft. high, 4 ft. base, W. of cor.
	Land, rolling desert. Soil, sandy clay. Timber, none. Undergrowth, medium black brush, purple sage and grass.
	North, bet. secs. 7 and 12.
	Over rolling desert land, through medium undergrowth; desc. 50 ft. over N. slope.
17.70	Draw, drains E.; asc. 15 ft. over S. slope.
36.10	Bladed road, bears W. and S. 80° E.; desc. 30 ft. along E. slope.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E R8E ¼ S12 | S 7 1958
42.30	Left fork of Forty Mile Gulch, drains E.
51.70	Right fork of Forty Mile Gulch, drains SE.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T40S R7E R8E S1 | S6 S12 | S 7 1958
	Deposit charcoal at base of post.
	Land, rolling desert. Soil, sandy clay. Timber, none. Undergrowth, medium black brush, yellow brush, mountain rush, grass and weeds.

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Chains	
	North, bet. secs. 1 and 6.
	Over rolling desert land, through medium undergrowth; asc. 40 ft. over S. slope.
5.90	Sandstone knob, thence over sandstone slickrock.
10.10	Sandstone rib, projects E.; asc. 20 ft. along SE. slope.
28.50	Leave sandstone outcroppings.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T40S R7E R8E ¼ S1 | S6 1958
	Deposit charcoal at the base of the post.
	Asc. 60 ft. over gentle S. slope.
80.00	Point for the cor. of Tps. 39 and 40 S., Rs. 7 and 8 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T39S R7E R8E S36 | S31 S1 | S6 T40S 1958
	Deposit charcoal at the base of the post.
	Land, rolling desert. Soil, sandy clay. Timber, none. Undergrowth, medium black brush, mountain rush, grass and weeds.

North Boundary of T. 40 S., R. 7 E.

	From the cor. of Tps. 39 and 40 S., R. 7 and 8 E., previously described.
	N. 89° 59' W., bet. secs. 1 and 36.
	Over rolling land; asc. 60 ft. over slight SE. slope.
24.20	Low sandy ridge, bears NE. and SW.
40.00	Point for the ¼ sec. cor. of secs. 1 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E ¼ S36 S 1 T40S 1958

North Boundary, T. 40 S., R. 7 E.

Chains	
	Cont. over rolling sandy land.
69.90	Track road, bears NE. and SW.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post, 2½ ins. diam., 30 ins. long, 24 ins. in the ground, with brass cap mkd.
	T39S R7E S35 | S36 S2 | S1 T40S 1958
	Deposit charcoal at base of post.
	Land, rolling. Soil, deep sandy silt. Timber, none. Undergrowth, black brush.
	N. 89° 59' W., bet. secs. 2 and 35.
	Over rolling sandy land.
27.85	Dim track road, bears N. and S.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E ¼ S35 S 2 T40S 1958
	Desc. 60 ft. over slight W. slope.
50.20	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. 80 ft. over E. slope.
61.00	Dim track road, bears N. and S.
78.80	Main access road into area, bears N. and S.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E S34 | S35 S3 | S2 T40S R7E 1958
	Raise a mound of stone, 3½ ft. base, 3 ft. high, W. of cor.
	Land, rolling. Soil, sandy silt. Timber, none. Undergrowth, black brush.

North Boundary of T. 40 S., R. 7 E.

Chains	
	S. 89° 59' W., bet. secs. 3 and 34.
	Over rolling land; desc. 100 ft. over W. slope.
22.20	Wash, 30 lks. wide, 2 ft. deep, drains N.; asc. 100 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E ¼ S34/S 3 T40S R7E 1958
	Deposit charcoal at base of post; asc. 20 ft. over E. slope.
44.70	Track road on spur, bears N. and S.; desc. 40 ft. over W. slope.
55.40	Bulldozed road, bears N. and S.; desc. 10 ft.
64.90	Trail, bears N. and S.; desc. 10 ft. over N. slope.
72.20	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. 20 ft. over E. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E S33 | S34 S4 | S3 T40S R7E 1958
	Land, rolling. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.

	S. 89° 59' W., bet. secs. 4 and 33.
	Over rolling land.
9.30	Wash, 10 lks. wide, 1 ft. deep, drains N.
28.50	Wash, 10 lks. wide, 1 ft. deep, drains N.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R7E ¼ S33/S 4 T40S R7E 1958
	Deposit charcoal at base of post.
	Desc. 50 ft. over W. slope.

Chains	
45.85	Wash, 20 lks. wide, 1 ft. deep, drains N.; asc. 180 ft. over E. slope.
63.65	Thence over nearly level land.
70.00	Desc. 60 ft. over steep W. slope.
75.75	Wash, 10 lks. wide, 2 ft. deep, drains N.; asc. 90 ft. over steep E. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T39S R7E S32 | S33 S5 | S4 T40S R7E 1958
	Land, rolling. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.
	N. 89° 59'W., bet. secs. 5 and 32.
	Over series of spurs putting generally NE.; asc. 70 ft. over SE. slope.
7.30	Trail on spur sloping NE.; trail bears SW. and NE.
18.50	Wash, drains N.; asc. about 200 ft. over NE. slope.
30.00	Base of ledge, bears irregularly NW. and SE.; asc. about 300 ft. over NE. facing ledge.
39.00	Rim, bears NW. and SE.; asc. about 20 ft. over NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground in a collar of rock, with brass cap mkd.
	T39S R7E ¼ S32 S5 T40S 1958
	End of triangulation; asc. 170 ft. over NE. slope.
54.20	Top of steep ascent, thence over benchland, through dense juniper and pinon.
67.50	Base of steep slope, bears NW. and SE.; asc. 50 ft.
71.30	Top of steep ascent; thence desc. 30 ft. over rolling land.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Chains	
	T39S R7E S31 | S32 S6 | S5 T40S 1958
	Land, rolling and broken. Soil, sandy silt. Timber, none on the E. ½, dense juniper and pinon on W. ½. Undergrowth, black brush, silver leaf, greasewood and mountain rush.
	N. 89° 59' W., bet. secs. 6 and 31.
	Over rolling benchland, through dense juniper and pinon, along N. slope.
1.20	Spur, slopes NW.; desc. 60 ft. over SW. slope.
6.40	Wash, 10 lks. wide, 1 ft. deep, drains NW.; asc. 90 ft. over E. slope.
27.10	Top of ascent; desc. 130 ft. over W. slope.
39.65	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. 20 ft. over steep E. slope.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4½ ft. base to top, with brass cap mkd.
	T39S R7E ¼ S31 S 6 T40S 1958
	Asc. 60 ft. over E. slope.
49.80	Top of ascent; desc. 20 ft. over W. slope.
68.10	Wash, 20 lks. wide, 2 ft. deep, drains N.; asc. 20 ft. over SE. slope.
79.00	Spur, slopes NE.; desc. along NW. slope.
79.67	The cor. of Tps. 39 and 40 S., Rs. 6 and 7 E., mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 40 S., R. 6 E.
	Land, rolling benchland. Soil, sandy silt. Timber, dense juniper and pinon; undergrowth, silver leaf, buck brush and mountain rush.
	Portion of the Subdivision, T. 40 S., R. 7 E.
	From the standard cor. of secs. 35 and 36, on the S. bdy. of the Tp.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over nearly level mountain top, through dense undergrowth.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T40S R7E ¼ S35 | S36 1958 Cor. is set in a small swale.
61.50	Rim of Fifty Mile Mountain, bears NW. and SE.; desc. 645 ft. over a series of ledges facing NE.
80.00	Point for the cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R7E S26 | S25 S35 | S36 1958 Land, nearly level the first 61.00 chs., badly broken the balance. Soil, sandy clay loam with broken and exposed sandstone the last 19.00 chs. Timber, none. Undergrowth, medium dense sagebrush, service berry, grass and weeds.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp. N. 89° 58' W., bet. secs. 25 and 36. Over broken desert mountain land, through medium dense timber and medium undergrowth; asc. 310 ft. over series of small spurs and draws projecting NE.
39.00	Samll draw, drains NE.; asc. 40 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R7E ¼ S25 S36 1958 Asc. 75 ft. over NE. slope.
52.00	Top of sandstone boulder, 20x20x20 ft.; asc. 75 ft. over NE. slope.
65.90	Bladed road, bears N. and S.; asc. 275 ft. over broken E. slope.
80.00	The cor. of secs. 25, 26, 35 and 36. Land, broken desert bench. Soil, sandy clay with broken and eroded sandstone. Timber, medium dense juniper and pinon. Undergrowth, scattered sagebrush, bitter brush, silver leaf, service berry and grass.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
	From the standard cor. of secs. 33 and 34, on the S. bdy. of the Tp.
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling land on Fifty Mile Mountain, through scattered timber; asc. gentle S. slope.
3.15	Spur, slopes W.; desc. 70 ft. over gentle N. slope.
34.48	Small wash, drains E. approx. 10 chs. to small pond; asc. gentle S. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.
	T40S R7E ¼ S33 | S34 1958
	Asc. 35 ft. over S. slope.
48.90	Low rim., 10 ft. high, bears E. and W.; desc. 55 ft. along E. slope.
66.60	Small wash, drains E.; asc. 45 ft. along E. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E S28 | S27 S33 | S34 1958
	Land, rolling and broken. Soil, sandy loam, and rocky. Timber, scattered juniper and pinon. Undergrowth, medium sage, greasewood and yellow brush.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling and broken land on Fifty Mile Mountain, along E. slope.
17.00	Small meadow, fence bears S. and N. to corral.
22.70	Pole corral.
24.00	Base of ledge; asc. 30 ft. over vertical ledge.
24.10	Top of ledge, bears N. and E.; asc. 35 ft. over gentle S. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

Chains	
	T40S R7E ¼ S28 | S27 1958
	Asc. 60 ft. over rolling S. slope.
65.50	Prominent sandstone point, 20 ft. high, bears E. 10 lks.; asc. 10 ft. along rolling W. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd. T40S R7E S21 | S22 S28 | S27 1958
	Land, rolling and broken. Soil, sandy with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, medium sage, greasewood, and yellow brush.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling land on Fifty Mile Mountain, through scattered timber; asc. 40 ft. along W. slope.
25.70	Spur, projects W. 50 lks.; cont. ascent of 20 ft. along W. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd. T40S R7E ¼ S21 | S22 1958
	Desc. 10 ft. along W. slope.
48.00	Swale, bears E. and SW.; asc. 85 ft. over S. slope.
76.60	Rim, faces N. and bears E. and W.; desc. 70 ft. over steep N. slope.
80.00	Base of slope.
	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 2½ ft. base to top, with brass cap mkd. T40S R7E S16 | S15 S21 | S22 1958
	Land, rolling and broken. Soil, sandy with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, scattered sage, black brush and yellow brush.

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Chains	
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken, ledgy land, on Fifty Mile Mountain; desc. 10 ft. over bench, bears NW. and SE.
10.05	Rim of Fifty Mile Mountain, bears NW. and SE.; desc. 800 ft. over ledgy NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T40S R7E ¼ S16 | S15 1958
	Desc. 40 ft. over NE. slope.
48.00	Base of steep slope; thence desc. over broken NE. slope through heavy timber.
53.00	Bulldozed road, bears NW. and SE.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T40S R7E S9 | S10 S16 | S15 1958
	Land, broken. Soil, sandy with exposed sandstone. Timber, heavy juniper and pinon. Undergrowth, scattered black brush, yellow brush and sage.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over broken benchland, through heavy timber; desc. about 200 ft. over NE. slope.
36.40	Rim of bench; desc. about 200 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R7E ¼ S 9 | S10 1958
	Desc. about 600 ft. over ledgy N. slope.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
60.00	Wash in bottom of gully, drains NE.; asc. about 40 ft. over SE. slope.
67.00	Rim of gully, bears NE. and SW.; desc. about 200 ft. over NE. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R7E S4 | S3 S9 | S10 1958
	Land, broken. Soil, sandy with exposed sandstone. Timber, juniper and pinon. Undergrowth, scattered black brush, yellow brush and sage.
	N. 0° 07' W., bet. secs. 3 and 4.
	Over broken rolling land, through medium timber.
.40	Bulldozed road, bears W. and E. 1 ch., thence NE.; desc. about 145 ft. over NE. slope.
4.00	Gully, drains N. 30° E.; desc. about 95 ft. over NE. slope.
20.60	Base of Fifty Mile Mountain, bears NW. and SE.; desc. about 90 ft. over NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd. T40S R7E ¼ S4 | S3 1958
	Cor. falls on W. side of small stock pond; asc. about 50 ft. over S. slope.
47.50	Knoll, 10 chs. long, 8 chs. wide,; desc. 150 ft. over rolling NW. slope.
69.60	Wash, 40 lks. wide, 5 ft. deep, drains N. 30° E.; thence over rolling land.
80.00	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp.
	Land, broken and rolling. Soil, sandy loam. Timber, scattered juniper and pinon S. ½ mile. Undergrowth, scattered black brush, yellow brush and sage.
	From the cor. of secs. 2, 3, 35 and 35 on the N. bdy. of the Tp.
	S. 0° 02' E., bet. secs. 2 and 3.
	Over rolling desert land.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
14.40	Trail road, bears E. 3.00 chs. to Escalante Road and S. 70° W.
24.50	Wash, 40 lks. wide, 4 ft. deep, drains N. 70° E.
40.00	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T40S R7E ¼ S3 | S2 1958
80.00	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T40S R7E S3 | S2 S10 | S11 1958
	Raise a mound of stone, 3½ ft. base, 2 ft. high, W. of cor.
	Land, rolling. Soil, sandy loam. Timber, none. Undergrowth, black brush, yellow brush.
	From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp.
	S. 0° 01' E., bet. secs. 1 and 2.
	Over rolling desert land.
9.40	Trail road, bears NE. and SW.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T40S R7E ¼ S2 | S1 1958
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
57.30	Bladed road, Escalante to Hole-in-Rock, bears NW. and SE.
72.40	Wash, 20 lks. wide, 3 ft. deep, drains W.
76.60	Minor spur, projects E.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T40S R7E S2 | S1 S11 | S12 1958

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
	Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
	Land, rolling. Soil, sandy loam. Timber, none. Undergrowth, black brush, yellow brush and Brigham tea.
	N. 89° 57' W., bet. secs. 2 and 11.
	Over rolling desert land.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T40S R7E ¼ S 2 S11 1958
	Bury charcoal at base of iron post.
42.70	Wash, 20 lks. wide, 2 ft. deep, drains N. 70° E.
50.60	Same wash, drains S. 70° E.
65.80	Same wash, drains N. 65° E.
80.00	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, sandy loam. Timber, none. Undergrowth, black brush, yellow brush, and Brigham tea.
	From the cor. of secs. 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
	Over rolling land on top of Fifty Mile Mountain, through scattered timber and heavy undergrowth; desc. about 150 ft. over W. slope.
21.10	Draw, drains W.; thence through quaking aspen grove; asc. about 20 ft. over S. slope.
29.50	Draw, drains N. 10° W.; asc. about 30 ft. along N. slope through heavy oak and sarvis berry.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd. T40S R7E ¼ S16 S21 1958
	Asc. 15 ft. along N. slope.
67.30	Spur, slopes N.; desc. 255 ft. over N. slope.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains		Chains
80.00	Point for the cor. of secs. 16, 17, 21 and 22.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R7E S17 | S16 S20 | S21 1958	
	Land, rolling. Soil, sandy loam. Timber, scattered juniper, pinon, quaking aspen. Undergrowth, oak, sarvis berry, blackbrush.	
	N. 0° 03' W., bet. secs. 16 and 17.	
	Over broken, rolling land on Fifty Mile Mountain; desc. 50 ft. over N. slope.	
1.00	Small wash in bottom of ravine, drains SW.; asc. about 400 ft. over steep S. slope.	
8.20	Crest of steep slope; asc. about 200 ft. over rolling S. slope.	
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, in a collar of stone, 2½ ft. base, with brass cap mkd. T40S R7E ¼ S17 | S16 1958	
	Asc. over S. slope.	
53.00	Crest of slope; desc. 25 ft. over gentle N. slope.	
71.20	Rim of Fifty Mile Mountain, bears NW. and SE.; desc. 300 ft. over ledgy NE. slope.	
71.26	Point selected for the witness cor. of secs. 8, 9, 16 and 17.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R7E W C S8 S9 S17 | S16 1958	
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on inaccessible ledges and cannot be perpetuated.	
	Land, broken and rolling. Soil, sandy loam with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, oak, sarvis berry, black brush and yellow brush.	

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
	From the cor. of secs. 9, 10, 15 and 16.
	N. 89° 59' W., bet. secs. 9 and 16.
	Over broken land, through heavy timber; asc. about 70 ft. over NE. slope.
8.40	Spur, slopes N.; desc. 40 ft. over W. slope.
12.20	Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 25 ft. over E. slope.
15.40	Road, bears N. and S.; asc. 35 ft. over E. slope.
20.40	Low spur, slopes NW.; desc. 95 ft. along N. slope.
26.20	Gully, drains N.; asc. 115 ft. along N. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E ¼ S 9 / S16 1958
	Asc. about 80 ft. along N. slope.
63.00	Base of Fifty Mile Mountain, bears NW. and SE.; asc. about 500 ft. over ledgy NE. slope of Fifty Mile Mountain.
79.99	The true point for the cor. of secs. 8, 9, 16 and 17.
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, oak, sarvis berry, and black brush.
	From the standard cor. of secs. 31 and 32, on the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over badly broken desert mountain land, through scant undergrowth; desc. 165 ft. over N. slope.
3.20	Bottom of canyon, drains S. 60° W.; asc. 375 ft. over S. slope.
23.00	Spur, projects SW.; desc. 130 ft. over NW. slope.
29.80	Draw, drains SW.; asc. 85 ft. over SE. slope.
32.60	Clay spur, projects S. 30° W.; desc. 85 ft. over NW. slope.
39.70	Bottom of draw, drains S. 20° W.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.
	T40S R7E ¼ S31 | S32 1958

Chains	
	Thence by triangulation; asc. 750 ft. over badly broken ledgy S. slope.
72.60	Rim of mesa, bears E. and NW.; enter dense juniper and pinon; asc. 30 ft. over gentle S. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R7E
S30 | S29
S31 | S32
1958

Land, broken desert and mountainous.
Soil, rocky clay.
Timber, dense juniper and pinon the last 8.00 chains.
Undergrowth, scant shadscale, sagebrush, mountain rush and grass.

From the standard cor. of secs. 32 and 33 on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 32 and 33.

Over badly broken desert mountain land, through dense timber and scant undergrowth; asc. 705 ft. over a series of ledges facing S.

19.50	Rim of mesa, bears E. and NW.; thence over nearly level mesa top.
34.60	Point selected for the witness ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R7E
¼
S32 ↑ S33
W C
1958

34.80	Rim of canyon, bears E. and W.; thence by triangulation across a deep canyon with topography approximate; desc. 150 ft. over series of ledges facing N.
40.00	True point for the ¼ sec. cor. of secs. 32 and 33 falls on inaccessible ledges; desc. 200 ft. over broken N. slope.
48.00	Bottom of canyon, drains W.; asc. 175 ft. over SE. slope.
59.00	Spu r, projects SW.; desc. 175 ft. over NW. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33 falls in the bottom of a canyon where the cor. cannot be perpetuated, canyon drains SW.

Land, broken desert and mountainous.
Soil, sandy clay loam, with broken and eroded sandstone.
Timber, dense juniper and pinon.
Undergrowth, scattered sagebrush, service berry, black brush, bitter brush and grass.

From the true point for the cor. of secs. 28, 29, 32 and 33.

Portion of the Subdivision, T. 40 S., R. 7 E.

Chains	
	N. 89° 51' W., bet. secs. 29 and 32.
	By triangulation, asc. 350 ft. over series of ledges facing SE.
12.40	Rim of canyon, bears NE. and SW.
12.60	Point selected for the witness cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R7E S29 | S28 S32 | S33 W C 1958
	Asc. 65 ft. over E. slope.
16.00	Spur, projects S.; desc. 290 ft. over badly broken W. slope.
24.50	Draw, drains S.; asc. 430 ft. over series of ledges facing E.
32.50	Spur, projects S.; desc. 50 ft. over W. slope.
35.20	Small draw, drains S.; asc. 60 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R7E ¼ S29 S32 1958
40.30	Spur, projects S. 2.00 chs. to rim of canyon bearing E. and W.; desc. 350 ft. over broken W. slope.
54.10	Bottom of deep draw, drains S.; asc. 335 ft. over badly broken E. slope.
64.30	Spur, projects S.; desc. 100 ft. over W. slope.
80.00	The cor. of secs. 29, 30, 31 and 32.
	Land, badly broken desert, mountainous. Soil, sandy clay with broken and eroded sandstone. Timber, medium dense juniper and pinon. Undergrowth, scattered sagebrush, black brush, bitter brush, service berry and grass.

General Description

The land within this township is divided by the Straight Cliffs, which bear southeasterly from between sections 1 and 6 on the west boundary of the township to section 36 on the south boundary. The land south of the Straight Cliffs, on Kaiporowits Plateau, is rolling and broken. The land north of the Straight Cliffs is badly broken benchland, with the exception of the northeast six sections that are on the Escalante Desert, on which the land is rolling.

Township 40 South, Range 7 East

Chains	
	The elevation varies from 7600 feet on the plateau to 4700 feet on the desert. The plateau area is drained southerly by tributaries of Rock Creek and Cloton Creek to the Colorado River. The area north of the Straight Cliffs drains easterly by Forty Mile Creek and Coypte Gulch to the Escalante River.
	The soil varies from several feet in the canyons to a few inches at the higher elevations, composed of sandy loam on the plateau, sand and clay on the bench, to sand on the desert.
	The most prominent feature is the Straight Cliffs, which afford some scenic attraction.
	The timber is composed of pine, pinon, juniper and oak of little commercial value.
	Principal users of the area are cattlemen and access into the township is provided by stock trails.
	Access to the survey lines was provided by helicopter.
	No mineral formations of consequence were noted during the survey.

4-690
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
Max L.SEvy	Chainman
Gerald O. Barney	Flagman
Clement J. Davis	Cornerman
David Jensen	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957 I have surveyed the south boundary (Eighth Standard Parallel South), the east boundary, and a portion of the subdivision of T. 40 S., R. 7 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.

Salt Lake City, Utah

May 28, 1959

Fred R. Chappell
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., *19*.....

The foregoing field notes of the survey of .....

executed by .....

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 7 E., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

4-680
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Principal Assistant
Farrel D. Reynolds	Chainman
Olaf M. Shakespeare	Flagman and Chainman
Leland C. Allen	Cornerman
Leland A. Ricketts	Axeman

16—58565-2

409

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1958 I have surveyed a portion of the subdivision of T. 40 S., R. 7 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.

Salt Lake City, Utah

May 28, 1959

Craig P. Sylvester
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

Chief, Division of Cadastral Engineering.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S R. 7 E., SLM, Utah, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lacel E. Bland	Principal Assistant
James R. Munson	Chainman
Parley Pratt	Flagman
Wallace R. Ott	Cornerman
Robert A. Pratt	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed the north boundary of T. 40 S., R. 7 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.

Salt Lake City, Utah

May 28, 1959

Dell Cazier

Dell Cazier

Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 7 E., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53585-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have ~~surveyed~~ supervised the survey of the south boundary (Eighth Standard Parallel South, the east and north boundaries and a portion of the subdivision of T. 40 S., R. 7 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~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.

Salt Lake City, Utah
May 28, 1959

Vern E. Lane
Vern E. Lane
Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the south boundary (Eighth Standard Parallel South, the east and north boundaries and a portion of the subdivision of T. 40 S., R. 7 E., Salt Lake Meridian, Utah

executed by Fred R. Chappell, Craig P. Sylvester and Dell Cazier, Cadastral Surveyors under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

Donald D. Clement
Acting *Cadastral Engineering Staff Officer.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 7 E., SLM, Utah, is a true copy of the original field notes.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2

4—679
(September 1948)

413

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE SOUTH BOUNDARY (EIGHTH STANDARD PARALLEL SOUTH),

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 40 SOUTH, RANGE 8 EAST

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Boyd S. Owens - Cadastral Surveyor

Lacel E. Bland - Cartographic Survey Aid

Under special instructions dated September 17, *19*57, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *19*58

Survey commenced August 6, *19*58

Survey completed October 15, *19*58

U. S. GOVERNMENT PRINTING OFFICE

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16—56770-1

Craig P. Sylvester _____

Boyd S. Owens _____

Lacel E. Bland _____

249

Township 40 South, Range 8 East

Chains

The west boundary of this township was surveyed concurrently under Group 410 by Fred R. Chappell. The notes thereof are included in the field notes of Tp. 40 S., R. 7 E.

The following field notes are those of the survey of the south boundary (Eighth Standard Parallel South), the east and north boundaries and a portion of the subdivision of Tp. 40 S., R. 8 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 461263, 541326 and 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approx. as scaled from U. S. G. S. topographic sheets and aerial photos. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast cor. of the township is at latitude 37° 16' 57.7" N. and longitude 110° 58' 47.1" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

U. S. GOVERNMENT PRINTING OFFICE 16—68880-2

Eighth Standard Parallel South through R. 8 E.

Chains	
	Beginning at the standard cor. of Tps. 40 S., Rs. 7 and 8 E., an iron post, 2½ ins. diam., conforming to the record of the survey of Tp. 40 S., R. 7 E.
	East, along the S. bdy. of sec. 31.
	Over rolling land, through scattered junipers; desc. 30 ft. over E. slope of bench of Fifty Mile Mountain.
4.50	Bulldozed road, bears N. and S.; thence over nearly level land.
24.50	E. crest of bench; desc. 100 ft. along broken S. slope.
37.00	Slope changes to E.; desc. 30 ft.
40.00	Point for the standard ¼ sec. cor. of sec. 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. S C T40S R8E ¼ S31 1958
	Desc. 410 ft. over broken E. slope.
75.90	Low spur, slopes E. for 2 chs. dist.; desc. 70 ft. over N. slope.
80.00	Point for the standard cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. S C T40S R8E S31 | S32 1958
	Land, broken. Soil, sandy and boulders. Timber, scattered junipers. Undergrowth, blackbrush, mountain rush and silverleaf.
	East along the S. bdy. of sec. 32.
	Over broken land; desc. 20 ft. over N. slope.
1.80	Small wash in draw, drains SE., 1.00 ch. dist. to main wash.
3.50	Small point, project. S. for 1.00 ch. dist.; desc. 50 ft. over E. slope
5.30	Wash in ravine, drains NE.; asc. 50 ft. over NW. slope.
14.40	E. rim of ravine, bears NE. and SW.; desc. 100 ft. over broken bench sloping NE.
31.40	Wash, 70 lks. wide, 4 ft. deep, drains N. 50° E.; thence over slightly NE. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 32.

U. S. GOVERNMENT PRINTING OFFICE 16—85890-2

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. S C T40S R8E ¼ S32 1958
	Desc. 50 ft. over NE. slope.
54.20	E. crest of bench, bears NE. and SW.; desc. 120 ft. over steep SE. slope.
64.70	Spur, slopes NE.; desc. 90 ft. over SE. slope.
76.20	Top of ledge, bears NE. and SW. for 1.00 ch., thence curves NE.; desc. 120 ft. over steep broken SE. slope.
78.30	Wash in bottom of ravine, drains NE.; asc. 70 ft. over ledgy NW. slope.
80.00	Point for the standard cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. S C T40S R8E S32 | S33 1958
	Land, broken. Soil, sandy and boulders. Timber, none; undergrowth, blackbrush and mountain rush.
	East, along the S. bdy. of sec. 33.
	Over broken land; asc. 150 ft. over ledgy NW. slope.
8.20	Point projects NE., 20.00 chs. to end; by triangulation desc. about 200 ft. over N. slope.
31.00	Spur, slopes N.; desc. about 200 ft. over steep and ledgy N. slope.
40.00	End of triangulation.
	Point for the standard ¼ sec. cor. of sec. 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. S C T40S R8E ¼ S33 1958
	By triangulation desc. about 200 ft. along ledgy N. slope.
50.00	Base of descent on N. slope; asc. about 400 ft. along ledgy N. slope.
67.40	End of triangulation; point projects N., 3.00 chs. dist.; desc. 120 ft. over E. slope.

Chains	
80.00	Point for the standard cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	S C T40S R8E S33|S34 1958
	Land, broken. Soil, boulders and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	East, along the S. bdy. of sec. 34.
	On top of point projecting N. 80° E., 5.00 chs. wide, over broken land.
14.20	S. crest of point, bears N. 80° E. and S. 80° W.; by triangulation desc. about 500 ft. over ledges facing SE.
40.00	True point for the standard ¼ sec. cor. of sec. 34 falls on ledgy SE. slope and cannot be monumented.
	Desc. about 150 ft. over ledges facing SE.
45.00	Base of ledges, bears NE. and SW.; desc. about 50 ft. over E. slope of Escalante Desert.
47.50	End of triangulation.
	Point selected for the witness standard ¼ sec. cor. of sec. 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	S C T40S R8E ¼ W S34 C 1958
	Desc. 70 ft. over general E. slope.
59.10	Wash, 60 lks. wide, 5 ft. deep, drains NE.; asc. 90 ft. over rolling NW. slope.
70.90	Spur, slopes NE.
71.80	Road, bears N. and S.; desc. 50 ft. over E. slope.
75.10	Small wash, drains NE.; asc. 40 ft. over NW. slope.
78.70	Spur, slopes NE.; desc. 10 ft. over SE. slope.
79.70	Point selected for the witness standard cor. of secs. 34 and 35.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	S C T40S R8E S34|S35 WC 1958

Chains	
80.00	True point for the standard cor. of secs. 34 and 35 falls on small ledge facing SE., where cor. cannot be perpetuated. Land, broken and rolling. Soil, boulders and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	East, along the S. bdy. of sec. 35. Over rolling desert land; desc. 140 ft. over gentle SE. slope.
31.60	Wash, 50 lks. wide, 2 ft. deep, drains NE.; asc. 10 ft. over NW. slope.
35.80	Spur, slopes NE.; desc. 100 ft. over SE. slope.
38.70	Wash, 50 lks. wide, 6 ft. deep, drains NE.; asc. 40 ft. over W. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 35. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. S C T40S R8E ¼ S35 1958 Asc. 80 ft. over rolling W. slope.
59.20	Knoll, about 5.00 chs. diam.; desc. 190 ft. over broken SE. slope.
74.30	Base of steep descent; desc. 20 ft. over E. slope.
80.00	Point for the standard cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. S C T40S R8E S35|S36 1958 Land, rolling and broken. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	East, along the S. bdy. of sec. 36. Over rolling land; desc. 10 ft. over E. slope on the Escalante Desert.
2.40	Wash, 50 lks. wide, 4 ft. deep, drains N. 20° W.; asc. 20 ft. over rolling sand and sandstone W. slope.
18.20	Low spur, slopes NE.; desc. 10 ft. over SE. slope.
22.00	Wash, 40 lks. wide, 3 ft. deep, drains NE.; asc. 30 ft. over NW. slope.
28.70	W. crest of blackbrush mesa, bears NE. and SW.; asc. 10 ft. over slight W. slope.

Chains	
39.40	E. crest of same mesa, bears N. and S.; desc. 20 ft. over steep E. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. S C T40S R8E ¼ S36 1958 Desc. 50 ft. over steep E. slope.
41.50	Wash, 50 lks. wide, 4 ft. deep, drains N.; asc. 130 ft. over W. slope of exposed sandstone.
80.00	Point for the standard cor. of Tps. 40 S., Rs. 8 and 9 E. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. S C T40S R8E R9E S36 | S31 1958 Land, rolling. Soil, sandy and exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.

East Boundary of Tp. 40 S., R. 8 E.

	From the standard cor. of Tps. 40 S., Rs. 8 and 9 E. North, bet. secs. 31 and 36. Over rolling land; asc. 20 ft. along W. slope.
13.70	Rise, bears E. and W.; desc. 30 ft. over N. slope.
24.70	Drain, drains W.; asc. 20 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T40S R8E R9E ¼ S36 | S31 1958 Asc. 30 ft. over S. slope.
45.60	Crest of S. slope; thence along gently rolling W. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R8E R9E S25 | S30 S36 | S31 1958
	Land, rolling. Soil, sandy and exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 25 and 30.
	Over rolling land; along gentle W. slope.
15.30	Enter exposed sandstone, bears E. and W.
40.00	Sandstone rib, bears E. and W.
	Point for the ¼ sec. cor. of secs. 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E R9E ¼ S25 | S30 1958
	Desc. 50 ft. over NW. sloping sandstone.
73.40	Point selected for the witness cor. of secs. 19, 24, 25, and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R8E R9E W C S24 | S19 S25 | S30 1958
73.60	S. rim of Fifty Mile Creek, bears E. and W.; by triangulation desc. about 150 ft. over ledges facing NW.
80.00	True point for the cor. of secs. 19, 24, 25 and 30 falls on inaccessible ledge facing NW. where the cor. cannot be perpetuated.
	Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 19 and 24.
	Over broken land; desc. about 50 ft. over ledges facing NW.

East Boundary of Tp. 40 S., R. 8 E.

Chains	
2.00	Fifty Mile Creek, drains E.; asc. about 200 ft. over ledges facing S.
10.00	N. rim of Fifty Mile Creek, bears E. and SW.; asc. about 80 ft. over broken W. slope of exposed sandstone.
38.20	End of triangulation; sandstone rib, bears E. and W.; asc. 20 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E R9E ¼ S24 | S19 1958
	Asc. 60 ft. over rolling S. slope of exposed sandstone.
57.20	Sandstone knob, thence over W. slope.
79.80	Slope changes to broken N. slope.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E R9E S13 | S18 S24 | S19 1958
	Land, broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 13 and 18.
	Over broken land; desc. 90 ft. over N. sandstone slope.
28.60	Crest of ledges, bears NE. and SW.; desc. 150 ft. over ledges facing NW. into Willow Creek.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18 falls on sandstone ledges facing NW. where the cor. cannot be perpetuated.
40.[illegible]	Desc. 30 ft.
41.55	Point selected for the witness ¼ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T40S R8E R9E ¼ S13 | S18 W C 1958

Chains	
	By triangulation desc. about 210 ft. over ledges facing N.
49.00	Willow Creek, drains E.; asc. about 240 ft. over ledges and sandstone facing S.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R8E R9E S12 | S 7 S13 | S18 1958
	Land, broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 7 and 12.
	Over broken land; asc. 160 ft. over broken S. slope.
10.00	Sandstone spur, projects SE.; desc. 50 ft. over N. slope.
15.00	S. rim of canyon, bears N. 20° W. and SE.; by triangulation desc. about 240 ft. over ledges facing NE.
23.00	Wash in canyon, 50 lks. wide, 4 ft. deep, drains SE.; asc. about 240 ft. over ledges facing SW.
27.00	N. rim of canyon, bears NW. and SE.; asc. about 80 ft. over broken S. slope.
38.35	End of triangulation.
	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R8E R9E W C ¼ S12 ↑ S 7 1958
	Asc. 30 ft. over S. slope.
40.00	True point for the ¼ sec. cor. of secs. 7 and 12 falls on steep sandstone S. slope where cor. cannot be perpetuated.
	Asc. 90 ft. over general SW. slope.
72.10	Sandstone knob, 8 ft. diam., 12 ft. high, bears W., 50 lks. dist.; desc. 40 ft. over N. slope.
77.90	Small drain, drains W.; asc. 20 ft. over S. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	T40S R8E R9E S 1 | S 6 S12 | S 7 1958 Land, broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	North, bet. secs. 1 and 6. Over broken land of exposed sandstone and sand; asc. 110 ft. over S. slope.
14.10	Sandstone spur, slopes W.; desc. 40 ft. over NW. slope.
28.70	Small drain, drains SW.; asc. 50 ft. over SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R8E R9E ¼ S 1 | S 6 1958 Asc. 70 ft. over SW. slope.
56.60	Low spur, slopes E.; asc. 40 ft. along E. slope.
76.00	Point projects E.; desc. 20 ft. along E. slope.
80.00	Point for the cor. of Tps. 39 and 40 S., Rs. 8 and 9 E. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T39S R8E R9E S36 | S31 S 1 | S 6 1958 Land, broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	North Boundary of Tp. 40 S., R. 8 E.
	S. 89° 59' W., bet. secs. 1 and 36. Over broken land of exposed sandstone; asc. 60 ft. over E. slope.
9.30	Crest of E. slope; asc. 60 ft. along rolling N. slope of bench on the Escalante Desert.
28.00	Low spur, slopes N.; desc. 10 ft. along N. slope.

North Boundary of Tp. 40 S., R. 8 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T39S R8E ¼ S36 / S 1 T40S 1958 Raise a mound of earth, 3 ft. base, 2 ft. high, W. of cor. Desc. 10 ft. along N. slope.
45.00	Drain, drains NE.; asc. 190 ft. over NE. slope.
59.40	Crest of NE. slope; thence over N. edge of rolling bench.
75.50	Low spur, slopes N., 1.00 ch. dist.; desc. 30 ft. along N. slope of bench.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R8E S35 | S36 S 2 | S 1 T40S 1958 Land, broken and rolling. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	S. 89° 59' W., bet. secs. 2 and 35. Over rolling land of Escalante Desert; desc. 60 ft. along N. slope.
17.20	Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 100 ft. over rolling NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd. T39S R8E ¼ S35 / S 2 T40S 1958 Asc. 40 ft. over rolling NE. slope.
48.10	Crest of NE. slope; thence across N. edge of bench.
52.80	Desc. 40 ft. along rolling N. slope of bench.
73.50	Crest of rim, bears NE. and SW.; desc. 40 ft. over rim.
75.20	Base of same rim; desc. 20 ft. over rolling SW. slope on desert.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.

North Boundary of Tp. 40 S., R. 8 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd. T39S R8E S34 | S35 S 3 | S 2 T40S 1958 Land, mostly rolling, slightly broken. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	S. 89° 59' W., bet. secs. 3 and 34. Over rolling land of the Escalante Desert; desc. 30 ft. over gentle SW. slope.
26.70	Small wash, drains S. 20° W.; asc. 40 ft. over rolling SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R8E ¼ S34 S 3 T40S 1958 No available accessories. Asc. 20 ft. over SE. slope.
58.20	Rise, bears NE. and SW.; desc. 20 ft. over SW. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R8E S33 | S34 S 4 | S 3 T40S 1958 No available accessories. Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	S. 89° 59' W., bet. secs. 4 and 33. Over rolling land of the Escalante Desert.
17.70	Small knoll; desc. 20 ft. over rolling W. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

Chains	
	T39S R8E ¼ S33 / S 4 T40S 1958
	Desc. 40 ft. over rolling W. slope.
64.00	Wash, 60 lks. wide, 3 ft. deep, drains S. 10° W.; asc. 70 ft. over rolling SE. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T39S R8E S32 | S33 S 5 | S 4 T40S 1958
	Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	S. 89° 59' W., bet. secs. 5 and 32.
	Over rolling land of the Escalante Desert; asc. 60 ft. over SE. slope.
11.00	Rise, bears NE. and SW.; desc. 50 ft. over NW. slope.
33.80	Swale, drains S. 10° W.; asc. 50 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S32 / S 5 T40S 1958
	Deposit charcoal at base of iron post.
	Asc. 70 ft. over rolling SE. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T39S R8E S31 | S32 S 6 | S 5 T40S 1958
	Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.

North Boundary of Tp. 40 S., R. 8 E.

Chains	
	S. 89° 59' W., bet. secs. 6 and 31.
	Over rolling land of the Escalante Desert; asc. 70 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T39S R8E ¼ S31 S 6 T40S 1958
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
	Asc. 80 ft. over rolling SE. slope.
79.23	The cor. of Tps. 39 and 40 S., Rs. 7 and 8 E.
	Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.

Portion of the Subdivision, Tp. 40 S., R. 8 E.

	From the standard cor. of secs. 35 and 36 on the S. bdy. of the township
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling land, through medium dense undergrowth; desc. 5 ft. over N. slope.
2.50	Wash, 10 lks. wide, 2 ft. deep, drains N. 50° E.; asc. 20 ft. over rolling land sloping E.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E ¼ S35|S36 1958
	Desc. 80 ft. over N. slope.
50.50	Gulch, 20 lks. wide, 6 ft. deep, drains N. 80° E.; asc. 80 ft. over SE. slope.
61.60	Top of ascent on E. slope; desc. 20 ft. over NE. slope.
69.60	Base of descent, swale, draining E.; asc. 30 ft. over SE. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E S26|S25 S35|S36 1958

Portion of the Subdivision, Tp. 40 S., R. 8 E.

Chains	
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none; undergrowth, blackbrush, white sage and mountain rush.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.
	N. 89° 59' W., bet. secs. 25 and 36.
	Over rolling land, through scattered undergrowth; asc. 45 ft. over rolling land sloping E
10.70	Sandstone ridge, slopes SW.; desc. 180 ft. over W. slope.
40.03	Point for the ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R8E ¼ S25 / S36 1958
	Desc. 10 ft. over W. slope.
41.60	E. rim of Fifty Mile Creek; desc. 105 ft. over ledges facing W.
42.50	Creek, 60 lks. wide, 2 ft. deep, drains N. 10° W.; asc. 105 ft. over ledge facing E.
45.60	W. rim of Fifty Mile Creek, bears N. and S. 20° E.; asc. 80 ft. over E. slope.
48.80	Sandy ridge, slopes N.; asc. 40 ft. over rolling land sloping SE.
80.06	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none; undergrowth, blackbrush, white sage and mountain rush.
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township.
	N. 0° 02' W., bet. secs. 33 and 34.
	Over broken land; desc. 30 ft. over N. slope.
2.20	N. rim of high spur, bears NE. and SW.; by triangulation desc. about 500 ft. over ledges and steep N. slope.
14.00	Base of steep N. slope; desc. over slightly rolling N. slope.
40.00	End of triangulation.
	Point for the ¼ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T40S R8E ¼ S33 | S34 1958

Chains	
	Desc. 50 ft. over N. slope.
45.20	Wash, 30 lks. wide, 3 ft. deep, drains N. 20° E.; asc. 60 ft. over S. slope.
49.50	Small ridge, bears N. 20° E.; desc. 60 ft. over N. slope.
57.90	Wash, 40 lks. wide, 3 ft. deep, drains N. 35° E.; asc. 10 ft. over S. slope.
63.60	Ridge, bears N. 35° E.; desc. 90 ft. over N. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T40S R8E S28 | S27 S33 | S34 1958
	Land, broken and rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling desert land; desc. 30 ft. over N. slopes.
2.00	Wash, 30 lks. wide, 3 ft. deep, drains N. 60° E.; asc. 90 ft. over S. slope.
6.20	Ridge, bears NE.; desc. 100 ft. over NW. slope.
19.90	Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 90 ft. over SE. slope.
27.70	Ridge, slopes NE.; desc. 40 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T40S R8E ¼ S28 | S27 1958
	Desc. 80 ft. over NW. slope.
43.30	Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 80 ft. over SE. slope.
48.00	Ridge, slopes NE.; desc. 130 ft. over NW. slope.
57.40	Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 110 ft. over SE. slope.
62.30	Top of ascent, bears NE. and SW.; desc. 70 ft. over NW. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 40 S., R. 8 E.

Chains	
	T40S R8E S21 | S22 S28 | S27 1958 Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 21 and 22. Over rolling desert land; desc. 60 ft. over N. slope.
9.90	Wash, 30 lks. wide, 3 ft. deep, drains N. 70° E.; asc. 60 ft. over rolling land sloping S.
23.00	Small wash, drains S. 80° E.; asc. 40 ft. over S. slope.
33.00	Road, bears E. and W.; asc. 30 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T40S R8E ¼ S21 | S22 1958 Asc. 10 ft. over S. slope.
48.00	Ridge, bears E. and W.
49.50	Road, bears E. and W.; desc. 60 ft. over N. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R8E S16 | S15 S21 | S22 1958 Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 15 and 16. Over rolling desert land; desc. 30 ft. over N. slope.
4.80	Wash, 30 lks. wide, 3 ft. deep, drains E.; asc. 30 ft. over S. slope.
6.90	Ridge, bears E.and W.; desc. 50 ft. over N. slope.
12.40	Wash, 30 lks. wide, 3 ft. deep, drains E.; asc. 130 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R8E ¼ S16 | S15 1958 Asc. 10 ft. over S. slope.
44.20	Ridge, bears S. 80° E. and N. 80° W.; by triangulation, topography estimated, desc. about 80 ft. over N. slope.
67.00	Rim, bears NE. and W.; desc. 50 ft. over vertical ledge facing N.
69.00	Wash, drains NE.; asc. 50 ft. over vertical ledge facing S.
70.00	Rim, bears E. and W. over broken sandstone top.
74.50	S. rim of Forty Mile Creek, bears E. and W.; desc. 50 ft. over vertical ledge facing N.
78.00	Forty Mile Creek, drains E.; asc. about 50 ft. over vertical ledge facing S.
79.00	N. rim of Forty Mile Creek, bears E. and W.; asc. about 80 ft. over exposed sandstone on S. slope.
80.00	End of triangulation. Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R8E S 9 | S10 S16 | S15 1958 Land, rolling and broken. Soil, sandy and exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 02' W., bet. secs. 9 and 10. Over rolling land; asc. 80 ft. over S. slope.
6.10	Top of ascent, bears S. 70° E. and N. 70° W.; by triangulation, topograghy estimated, desc. about 100 ft. over N. slope.
15.00	Rim, bears NW. and SE.; desc. about 150 ft. over steep NE. slope.
20.00	Wash, 40 lks. wide, 3 ft. deep, drains S. 30° E.; asc. about 80 ft. over S. slope.
24.00	Top of ascent; asc. about 170 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 40 S., R. 8 E.

Chains	
	T40S R8E ¼ S 9 | S10 1958
	Asc. 90 ft. over gently rolling S. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T40S R8E S 4 | S 3 S 9 | S10 1958
	No available accessories.
	Land, broken and rolling. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 03' E., bet. secs. 3 and 4.
	Over rolling land; asc. 100 ft. over gently rolling S. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a cellar of stone, with brass cap mkd.
	T40S R8E ¼ S 4 | S 3 1958
	Asc. 80 ft. over gently rolling S. slope.
79.97	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township.
	Land, rolling. Soil, sandy and exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.
	S. 0° 01' E., bet. secs. 2 and 3.
	Over rolling land, along W. slope.
8.00	Small spur, slopes W.; desc. 50 ft. along W. slope.
29.30	Enter barren sandstone; desc. 70 ft. over SW. slope.
36.50	Wash, 30 lks. wide, 6 ft. deep, drains W., 5.00 chs., thence S.; asc. 30 ft. over N. slope.
39.98	Point for the ¼ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

Chains	
	T40S R8E ¼ S 3 | S 2 1958
	Asc. 20 ft. over broken N. slope.
42.90	Spur, slopes W.; desc. 130 ft. along broken W. slope.
58.80	Small wash, drains W.; asc. 40 ft. over NW. slope.
66.70	Sandy spur, slopes W.; desc. 30 ft. along broken W. slope.
74.40	Spur, slopes W.; desc. 60 ft. over SW. slope.
79.98	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R8E S 3 | S 2 S10 | S11 1958
	Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	East, bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the township and the cor. of secs. 3, 4, 9 and 10, as specified in the special instructions.
	Over broken land; asc. 170 ft. over SW. slope.
25.40	Spur, slopes SW.; thence through small basin sloping SW.
36.70	Base of steep ascent, bears S. and curves NW.; asc. 90 ft. over steep W. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R8E ¼ S 2 S11 1958
	Asc. 30 ft. over steep W. slope.
42.60	Crest of steep ascent, bears S. and curves NW.; desc. 70 ft. over rolling mesa.
69.00	Rim, bears NE. and SW.; desc. 100 ft. over broken SE. slope.
73.80	Base of steep ascent, bears NE. and SW.; desc. 30 ft. over SE. slope of small bench.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Chains	
	T40S R8E S 2 | S 1 S11 | S12 1958 Land, broken. Soil, sandy and exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 03' E., bet. secs. 1 and 2. Over broken land; asc. 70 ft. over SW. slope.
11.10	Spur, slopes SE.; desc. 160 ft. over steep and broken NE. slope, into box canyon.
22.80	Wash, 30 lks. wide, 5 ft. deep, drains SE.; asc. 100 ft. over steep S. slope.
26.60	Crest of steep ascent, bears W. and curves SE.; asc. 50 ft. over SW. slope of broken bench.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R8E ¼ S 2 | S 1 1958
	Asc. 100 ft. over broken SW. slope.
54.10	Point, projects W., 50 lks. dist. to end; asc. 60 ft. over broken W. slope.
62.00	Top of ascent, bears W. and curves SE.; thence over rolling top of mesa.
78.60	Crest of steep ascent, bears E. and W.; desc. 30 ft. over N. slope.
80.00	The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township. Land, broken. Soil, sandy, exposed sandstone. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over rolling desert land; asc. 60 ft. over gradual NE. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T40S R8E ¼ S16 / S21 1958

Chains	
	No available accessories.
	Asc. 60 ft. over NE. slope.
66.70	Top of ascent; road bears NW. and SE.; desc. 10 ft. over N. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T40S R8E
S17 | S16
S20 | S21
1958

	No available accessories.
	Land, rolling desert. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	N. 0° 03' W., bet. secs. 16 and 17.
	Over rolling desert land; desc. 10 ft. over N. slope.
5.40	Road, bears E. and W.; desc. 70 ft. over N. slope.
24.30	Head of small wash, drains E.; asc. 20 ft. over S. slope.
29.00	Top of ridge, bears E. and W.; desc. 140 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17 falls in wash, 60 lks. wide, 3 ft. deep, drains N. 70° E., where cor. cannot be perpetuated.
40.79	Point selected for the witness ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R8E
¼
S17 | S16
W C
1958

	Asc. 100 ft. over S. slope.
48.50	Ridge top, bears N. 70° E.; desc. 50 ft. over N. slope.
55.30	Wash, 30 lks. wide, 3 ft. deep, drains E.; asc. 120 ft. over S. slope.
68.10	Top of ascent, bears E. and W.; desc. 100 ft. over N. slope.
78.00	Wash, 20 lks. wide, 2 ft. deep, drains N. 30° E.; asc. 10 ft. over SE. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R8E
S 8 | S 9
S17 | S16
1958

Portion of the Subdivision, Tp. 40 S., R. 8 E.

Chains	
	Land, rolling. Soil, sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	From the cor. of secs. 9, 10, 15 and 16.
	S. 89° 58' W., bet. secs. 9 and 16.
	Along gentle S. slope of rolling sandstone.
28.00	Rim of Forty Mile Creek, bears S. 80° E. and N. 80° W.; desc. 100 ft. along S. slope.
37.00	Forty Mile Creek, 1.00 ch. wide, 4 ft. deep, drains S. 80° E.; asc. 100 ft. over NE. slope.
39.98	Point for the ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R8E ¼ S 9 / S16 1958
	Asc. 160 ft. over NE. slope.
64.60	Top of ridge, bears S. 80° E.; desc. 100 ft. over NW. slope.
78.00	Wash, 20 lks. wide, 2 ft. deep, drains N. 30° E.; asc. 30 ft. over E. slope.
79.96	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling and broken. Soil, exposed sandstone and sandy. Timber, none; undergrowth, blackbrush and mountain rush.
	From the standard cor. of secs. 32 and 33 on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over broken land; through scattered juniper and pinon.
	Desc. 200 ft. over steep W. slope.
8.70	Wash in ravine, 30 lks. wide, 4 ft. deep, drains NE.; desc. 60 ft. over E. slope.
23.10	Spur, slopes E.; desc. 200 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R8E ¼ S32 | S33 1958
	Desc. 10 ft. along E. slope.

Chains	
41.10	Top of steep ascent, bears E. and W.; desc. 120 ft. over steep N. slope into ravine.
44.90	Wash in ravine, 60 lks. wide, 5 ft. deep, drains NE.; asc. 30 ft. over SE. slope.
47.60	Top of ascent on E. slope; desc. 50 ft. along E. slope.
60.50	Spur, slopes NE.; desc. 190 ft. over NW. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T40S R8E
S29 | S28
S32 | S33
1958

Land, broken.
Soil, clay and rocky.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush and mountain rush.

From the standard cor. of secs. 31 and 32 on the S. bdy. of the townshi

N. 0° 03' W., bet. secs. 31 and 32.

Over broken land, through moderate juniper and pinon; desc. 30 ft. over NE. slope.

1.10	Wash, 20 lks. wide, 3 ft. deep, drains S. 60° E.; asc. 40 ft. over rocky SW. slope.
3.00	Top of ascent; desc. 70 ft. over rolling rocky land.
24.20	Small rocky wash, drains NE.; desc. 80 ft. over rolling and broken land sloping NE.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32 falls in small wash draining NE. where cor. cannot be perpetuated.
40.40	Point selected for the witness ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S R8E
¼
S31 | S32
W C
1958

Desc. 90 ft. over rolling rocky land.

64.50	Small wash, drains E.; asc. 20 ft. over S. slope.
66.10	Spur, slopes E.; desc. 30 ft. over N. slope.
67.70	Small wash, drains E.; asc. 40 ft. over SE. slope.
71.90	Top of ascent; desc. 100 ft. over steep NE. slope.

Chains	
76.10	Rim of ledges, bears E. and W., 1.00 ch.; thence N.; desc. about 140 ft. over ledges and rocky slope facing N.
78.00	Slope changes to broken E.; asc. 10 ft.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R8E
S30 | S29
S31 | S32
1958

Land, rolling and broken.
Soil, rocky to clay loam.
Timber, moderate juniper and pinon.
Undergrowth, moderate blackbrush, scattered cacti and grasses.

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 58' W., bet. secs. 29 and 32.

Over broken land, through scattered juniper and pinon.

Desc. 150 ft. over NW. slope.

9.90	Wash, 40 lks. wide, 2 ft. deep, drains NE.; asc. 280 ft. over NE. slope.
39.97	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins.diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T40S R8E
¼ S29
S32
1958

By triangulation asc. about 100 ft. over NE. slope.

60.00	Base of ledgy ascent, bears SE. and curves N.; asc. about 350 ft. over ledgy NE. slope.
79.94	The cor. of secs. 29, 30, 31 and 32.

Land, broken.
Soil, clay and rocky.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush and mountain rush.

GENERAL DESCRIPTION

The land within this township is rolling and partly broken except for the area in the southwest corner which is on a broken bench below the Straight Cliffs. The elevation varies from 6000 ft. above sea level on the bench, to 3700 ft. in the canyons. Fifty Mile Creek, Willow Creek and Forty Mile Creek drain the entire township to the Escalante River.

Chains		Chains
	The soil varies from a few inches on the higher elevations to several feet in the canyons and is composed of sandy clay on the bench and sand and exposed, distorted sandstone on the desert.	
	The timber is composed entirely of juniper, pinon and oak, with scattered cottonwood in the canyons of little commercial value.	
	Principal users of the area are cattlemen and access into the township is provided by desert roads and stock trails. No mineral formations of consequence were noted during the survey.	
	Access to the survey lines was provided by helicopters.	

4-680
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon Sibley	Principal Assistant
Ferrel D. Reynolds	Chainman
Olaf M. Shakespeare	Flagman and Chainman
Leland C. Allen	Cornerman
Leland A. Ricketts	Axeman

16—58565-2

112

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed the south boundary (Eighth Standard Parallel South), the east and north boundaries, and a portion of the subdivision of Township 40 South, Range 8 East

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.

May 27, 1959

Salt Lake City, Utah

Craig P. Sylvester

Craig P. Sylvester, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

Chief, Division of Cadastral Engineering.

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.

Chief, Division of Cadastral Engineering.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max R. Porter	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have surveyed a portion of the subdivision of Township 40 South, Range 8 East

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.

May 27, 1959

Salt Lake City, Utah

Boyd S Owens

Boyd S. Owens, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Andrew M. Nelson	Cornerman
Wallace R.Ott	Axeman

16—53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed a portion of the subdivision of Township 40 South, Range 8 East

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.

May 27, 1959

Salt Lake City, Utah

Lacel E. Bland

Lacel E. Bland, Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

~~The foregoing field notes of the survey of~~

executed by

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—53665-2

7

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have ~~surveyed~~ supervised the survey of the south boundary (Eighth Standard Parallel South), the east and north boundaries and a portion of the subdivision of Township 40 South, Range 8 East

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.

May 27, 1959

Salt Lake City, Utah

Vern E. Lane

Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the south boundary (Eighth Standard Parallel South), the east and north boundaries and a portion of the subdivision of Township 40 South, Range 8 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester, Boyd S. Owens and Lacel E. Bland, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Donald R. Clement

Acting *Cadastral Engineering Staff Officer.*

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.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE EIGHTH STANDARD PARALLEL SOUTH IN RANGES 9 AND 9½ EAST

AND

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION
AND THE MEANDERS OF THE COLORADO RIVER THROUGH SECTION 36
OF

TOWNSHIP 40 SOUTH, RANGE 9 EAST

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cadastral Surveyor

Lacel E. Bland, Cartographic Survey Aid

Under special instructions dated September 17, *19* 57, *which provided for the surveys included under Group No.* 410, *approved* October 2, 1957 *and assignment instructions dated* May 7, *19*58

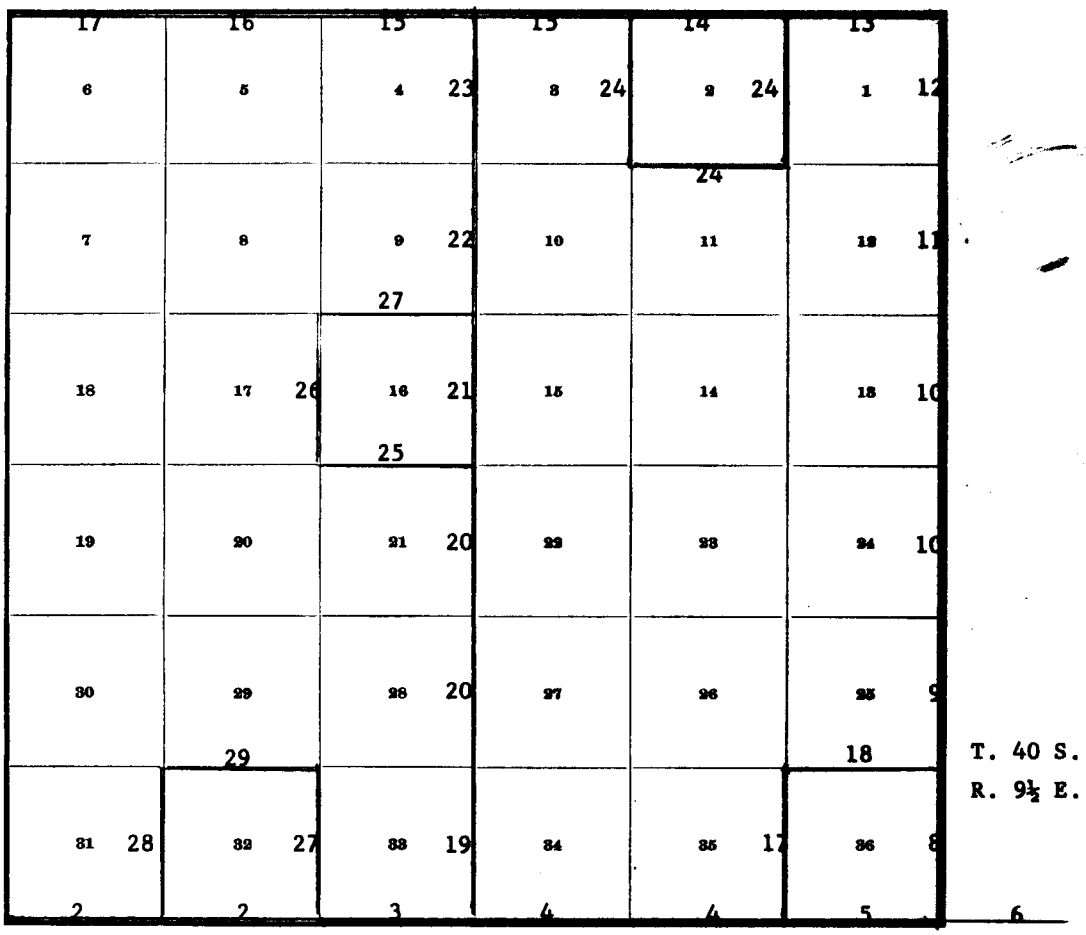
Survey commenced August 15, *19*58

Survey completed October 7, *19*58

U. S. GOVERNMENT PRINTING OFFICE 16—56770-1

INDEX DIAGRAM

Township 40 South, *Range* 9 East



Boyd S. Owens
Lacel E. Bland

2+92

Chains

The west boundary of the township was surveyed concurrently and under this same group by Craig P. Sylvester. The notes thereof are included in the field notes of T. 40 S., R. 8 E.

The following field notes are those of the survey of the south boundary (Eighth Standard Parallel South through Rs. 9 and 9½ E.), the east boundary, the north boundary and a portion of the subdivision of T. 40 S., R. 9 E. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits Nos. 541326 and 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to beginning the survey and were maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 16' 57.7" N. and longitude 110° 52' 15.1" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 00' East.

South Boundary (Eighth Standard Parallel South through R. 9 E.)

Beginning at the standard cor. of Tps. 40 S., Rs. 8 and 9 E., a 2½ ins. iron post, set, mkd. and witnessed as described in the survey of the Eighth Standard Parallel South through R. 8 E.

Chains	
	East, with the establishment of the Eighth Standard Parallel South, along the S. bdy. of sec. 31.
	Over desert land, with numerous sandstone domes and intermittent sagebrush flats; asc. 30 ft.
21.90	Sandstone dome.
28.10	Sandstone dome; desc. 20 ft.
40.00	Point for the standard ¼ sec. cor. of secs. 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	S C T40S R9E ¼ S31 1958
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
41.00	Desc. 10 ft. over sandstone facing SE.
48.74	Begin triangulation, topography as taken from U. S. G. S. topographic map; desc. about 520 ft. over SE. slope and nearly vertical wall facing SE.
63.00	Davis Gulch, drains NE.; asc. about 530 ft. over nearly vertical wall and rolling sandstone facing W.
77.97	End of triangulation; desc. 30 ft. over E. slope of sandstone rib.
80.00	Point for the standard cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	S C T40S R9E S31|S32 1958
	The cor. is located in small sagebrush covered depression.
	Land, rolling and broken. Soil, mostly exposed sandstone with scattered sandy depressions. Timber, none. Undergrowth, moderate black brush, and sage on small benches and sandy depressions.
	East, along the S. bdy. of sec. 32, over rolling sandstone and intermittent sage clearings.
	Asc. 100 ft. over W. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.

South Boundary (Eighth Standard Parallel South through S. 9 E.)

Chains	
	S C T40S R9E ¼ S32 1958
	Asc. 90 ft. over rolling land.
55.60	W. edge of knoll, thence over top of knoll through moderate black brush.
61.60	E. edge of knoll; desc. 50 ft. over sandstone sloping E.
65.80	Base of E. slope; asc. 110 ft. over sandstone formations facing W.
77.10	Slope changes to SW.; asc. 10 ft.
80.00	Point for the standard cor. of secs. 32 and 33.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a mound of stone, 2 ft. base to top, with brass cap mkd.
	S C T40S R9E S32|S33 1958
	Land, rolling and slightly broken. Soil, exposed sandstone and shallow sand. Timber, none. Undergrowth, moderate black brush in depressions and on knoll top.
	East along the S. bdy. of sec. 33.
	Over exposed sandstone; asc. 70 ft. over SW. slope.
4.00	S. end of mesa, bears N.; desc. 40 ft. along E. slope over broken sandstone.
10.60	Slope changes to SE.; desc. 150 ft.
18.30	Base of mesa, cont. over rolling sandstone.
40.00	Point for the standard ¼ sec. cor. of sec. 33.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, with brass cap mkd.
	S C T40S R9E ¼ S33 1958
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Asc. 20 ft. over rolling sandstone.
58.90	W. rim of bench, bears N. and S.; desc. 30 ft. over bench through moderate black brush.
70.50	E. rim of bench, bears irregularly N. and SE.; desc. 70 ft. over sloping sandstone facing E.
80.00	Point for the standard cor. of secs. 33 and 34.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, with brass cap mkd.

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Chains	
	S C T40S R9E S33|S34 1958
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Land, rolling and broken. Soil, exposed sandstone and shallow sand. Timber, none. Undergrowth, moderate black brush on bench tops and in sandy depressions
	East, along the S. bdy. of sec. 34.
	Over rolling land; desc. 170 ft. over steep sloping sandstone facing NE.
12.90	Bottom of canyon draining SE. about 4 chs. to Clear Creek; asc. 50 ft. over SW. slope.
16.00	Sandstone point, slopes sharply S.; desc. 90 ft. over steep canyon wall facing E.
18.80	Clear Creek, drains NE.; asc. 120 ft. over rolling sandstone sloping NW.
40.00	Point for the standard ¼ sec. cor. of sec. 34.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.
	S C T40S R9E ¼ S34 1958
	Asc. 50 ft.
43.90	Exposure and drainage change to W.; asc. 220 ft.
72.10	Broken mesa top; desc. 90 ft. over rolling exposed sandstone facing NE.
80.00	Point for the standard cor. of secs. 34 and 35.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, with brass cap mkd.
	S C T40S R9E S34|S35 1958
	Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, moderate black brush in sandy depressions.
	East along the S. bdy. of sec. 35.
	Over rolling sandstone; desc. 220 ft. over rolling sandstone formations sloping E.
33.50	Bottom of Indian Creek Canyon, 1 ch. wide, 2 ft. deep, drains N.; asc. 40 ft. over rolling sandstone facing W.

U. S. GOVERNMENT PRINTING OFFICE 16—28880-2 1-1

South Boundary (Eighth Standard Parallel South through R. 9 E.)

Chains	
40.00	Point for the standard ¼ sec. cor. of sec. 35. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd. S C T40S R9E ¼ S35 1958 Asc. 160 ft. over W. slope.
80.00	Point for the standard cor. of secs. 35 and 36. Set an iron post, 36 ins. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd. S C T40S R9E S35 | S36 1958 Raise a mound of stone, 2 ft. base, 1½ ft. high. N. of cor. From the standard cor. of secs. 35 and 36 U. S. G. S. triangulation station "Green" bears S. 64° 36' W., 139.22 chs. dist. Land, rolling. Soil, exposed sandstone and sand. Undergrowth, moderate black brush and yellow brush on bench and in sandy depressions.
	East, along the S. bdy. of sec. 36. Over rolling land, and numerous sandstone outcrops. Asc. 90 ft. over W. slope.
40.00	Point for the standard ¼ sec. cor. of sec. 36. Set an iron post, 20 ins. long, 1 in. diam., 10 ins. in the ground, in a collar of stone, with brass cap mkd. S C T40S R9E ¼ S36 1958 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Asc. 80 ft. over W. slope.
54.00	W. rim of Colorado River Canyon, bears N. and S.; by triangulation desc. 900 ft. over vertical canyon wall and precipitous talus slope facing E.
62.84	Mean high water level on the right bank of the Colorado River. Point for the meander cor. of sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains	
	SC T40S R9E MC S36 1958
	Thence across the Colorado River, course S. on bend to SE. by triangulation; topography as taken from U. S. G. S. topographic map.
74.00	Mean high water level on the left bank of the Colorado River.
	Point for meander cor. falls on inaccessible ledge where the cor. cannot be perpetuated.
	Asc. 250 ft. over steep slope and vertical ledges facing W.
77.80	Top of ledges on E. side of Colorado River; thence over slightly broken W. slope.
77.89	Point selected for the witness meander cor. on the left bank of the Colorado River.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	SC T40S WMC R9E S36 1958
	End of triangulation; asc. 20 ft.
80.00	Point for the standard cor. of Tps. 40 S., Rs. 9 and 9½ E.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	S C T40S R9E R9½E S36 S31 1958
	Land, rolling and broken. Soil, mostly exposed sandstone. Undergrowth, scattered black brush, grass, yellow brush, tamarisk and grass along Colorado River.

Eighth Standard Parallel South through R. 9½ E.

	East, along the S. bdy. of sec. 31.°
	Over rolling broken land; asc. 120 ft. over broken W. slope.
7.30	Rim of black brush covered bench; desc. 10 ft.
16.10	Base of sandstone dome; asc. 180 ft. over nearly vertical sandstone wall facing W.
17.50	Sandstone spur, slopes sharply SW.; asc. 20 ft. along slope of spur.
21.80	Begin descent over nearly vertical wall facing SE.; desc. 150 ft.

Chains	
22.50	Base of wall; desc. 40 ft. over slope and ledge facing SE.
27.10	Wash in canyon bottom, 40 lks. wide, 1 ft. deep, drains SW.; asc. 110 ft. over broken ledges facing NW.
32.70	Point selected for the witness standard ¼ sec. cor. of sec. 31. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. = S C T40S R9½E ¼ S31 W T40½SC 1958 The cor. is located at base of point projecting N. about 1.00 ch.. to end. By triangulation, topography as taken from U. S. G. S. topographic map, asc. about 200 ft. over nearly vertical sandstone facing W.
36.00	Point, projects N. about 1.00 ch. to end; desc. about 200 ft. over wall facing NE.
39.00	Base of point, thence along precipitous N. slope.
40.00	True point for the standard ¼ sec. cor. of sec. 31 falls on precipitous N. slope where cor. cannot be perpetuated. Asc. about 400 ft. over broken slope and canyon wall facing generally NW.
50.00	Canyon wall, bears NE. and SW.; asc. about 80 ft. over rolling sandstone draining W.
69.14	End of triangulation.
73.02	Intersect the W. bdy. of T. 40 S., R. 10 E. at point for the closing cor. of T. 40 S., R. 9½ E., and T. 40½ S., R. 9 E. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. S C T40S R9½E R10E C S31 | S30 C S25 | R9E T40½S 1958 from which The ¼ sec. cor. of sec. 30, T. 40 S., R. 10 E. bears S. 11.18 chs dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 40 S., R. 10 E. Land, rolling and broken. Soil, exposed sandstone and shallow sand. Undergrowth, moderate black brush and grass on bench, scant throughout remaining area.

East Boundary of T. 40 S., R. 9 E.

Chains	
	From the standard cor. of Tps. 40 S., Rs. 9 and 9½ E.
	North, bet. secs. 31 and 36.
	Over slightly broken sandstone; asc. 10 ft. along W. slope.
10.80	Begin descent over ledges and broken slope facing NW.; desc. 270 ft.
26.49	Mean high water level on the left bank of the Colorado River.
	Point for the meander cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	MC S36 | S31 R9E | R9½E T40S 1958
	Deposit a stone, 6x4x4 ins., mkd. with a croxx (X) at base of post.
	Thence across the Colorado River, course SW., by triangulation, with topography as scaled from U. S. G. S. topographic map.
37.50	Mean high water mark on the right bank of the Colorado River.
	Point for the meander cor. of secs. 31 and 36 ons the right bank of the Colorado River falls on an inaccessible ledge and was not monumented.
	Asc. about 190 ft. over broken ledges facing S.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E R9½E ¼ S36 | S31 1958
	From this cor. the Escalante River empties into the Colorado River about 4.00 chs. W.
	Asc. 130 ft. over broken ledges and steep S. slope.
48.10	Rim of wide shelf above Colorado River; asc. about 40 ft. over shelf.
52.00	Base of nearly vertical sandstone wall facing S. 70° W.; asc. about 480 ft.
77.70	SE. point of sandstone dome on E. rim of the Escalante River Canyon; rim bears irregularly N. 15° W. and S. 20° E.
	End of triangulation; cont. over exposed sandstone; desc. 30 ft. along depression bearing irregularly N. and S.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.

East Boundary of T. 40 S., R. 9 E.

Chains	
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E R9½E S25 | S30 S36 | S31 1958 Raise a mound of stone, 2 ft. base, 1½ ft. high.W. of cor. Land, broken. Soil, exposed sandstone and sand. Undergrowth, scattered black brush, grass, yellow brush and cacti.
	North, bet. secs. 25 and 30. Over rolling broken land, by triangulation; topography as taken from U. S. G. S. topographic map.
7.00	E. rim of Escalante River Canyon, bears S. 15° W. and E. on bend; desc. about 520 ft. over canyon wall and steep N. slope.
13.00	Bottom of cove, drains W.; asc. about 520 ft. over steep S. slope and canyon wall.
20.00	Rim of Escalante River Canyon, bears irregularly E. and W. on bend; asc. 50 ft. over rolling sandstone on Pollywog Bench.
35.91	End of triangulation on sandstone dome, bearing E. and W.; desc. 30 ft. over rolling sandstone.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone and in a collar of stone, with brass cap mkd. T40S R9E R9½E ¼ S25 | S30 1958 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Asc. 30 ft. over exposed sandstone.
47.00	Begin descent over sandstone formations facing NW.; desc. 130 ft.
62.20	Small wash, sandstone bottom, drains SW. from E.; asc. 60 ft. over S. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T40S R9E R9½E S24 | S19 S25 | S30 1958

East Boundary of T. 40 S., R. 9 E.

Chains	
	The cor. is located on S. edge of black brush covered bench, rim bears NW. and E. Land, rolling and broken. Soil, exposed sandstone and shallow sand. Undergrowth, moderate black brush in sandy depressions and on bench tops.
	North, bet. secs. 19 and 24.
	Over rolling land; asc. 10 ft. over bench.
6.60	N. rim of bench, bears NW. and SE.; desc. 50 ft. over NE. slope.
15.70	Wash, sandstone bottom, 50 lks. wide, 1 ft. deep, drains W.; asc. 50 ft. over S. slope.
30.30	Top of ascent, bears SW. and NE.; desc. 40 ft. over NW. slope.
38.00	Wash, sandstone bottom, 80 lks. wide, 1 ft. deep, drains SW.; asc. 40 ft. over sandstone facing SE.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R9E R9½E ¼ S24 | S19 1958
	Asc. 60 ft.
44.40	Enter black brush covered bench.
56.90	Leave bench; asc. 50 ft. over sandstone facing S.
59.00	Top of ascent; desc. 20 ft. over rolling benchland, moderate black brush, minor sandstone outcrops.
80.00	Point for the cor. of secs. 13, 18, 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R9E R9½E S13 | S18 S24 | S19 1958
	Cor is located near base of sandstone dome on N. side. Land rolling. Soil, sandy with exposed sandstone. Undergrowth, moderate to scattered black brush, grass, yellow brush and cacti.
	North, bet. secs. 13 and 18.

East Boundary of T. 40 S., R. 9 E.

Chains	
	Over rolling broken land; desc. 20 ft.
6.10	Rim of Colorado River Canyon, bears SE. and N. 20° W.; by triangulation, topography as taken from U. S. G. S. topographic map; desc. about 880 ft. over canyon wall and steep talus slope facing N. 70° E.
31.00	Mean high water level on the right bank of the Colorado River.
	Point for the meander cor. of secs. 13 and 18 falls on inaccessible ledge, and was not monumented.
	Thence across Colorado River, course S. 30° E.
40.00	Point for the ¼ sec. cor. of secs. 13 and 18 falls in Colorado River and was not monumented.
56.00	Mean high water level on left bank of Colorado River.
	Point for the meander cor. of secs. 13 and 18 falls on inaccessible ledge where cor. cannot be perpetuated.
	Asc. about 230 ft. over ledges facing S. 70° W.
60.50	Point selected for the witness meander cor. of secs. 13 and 18 on the left bank of the Colorado River.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd.
	T40S R9E R9½E S13 | S18 WMC 1958
	Cor. is located on first shelf above Colorado River; end of triangulation; asc. 110 ft. along broken W. slope.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd.
	T40S R9E R9½E S12 | S 7 S13 | S18 1958
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken. Soil, exposed sandstone, and sand. Undergrowth, intermittent areas of moderate black brush, grass, yellow brush, tamarisk, grass and willows along river.
	North, bet. secs. 7 and 12.
	Over broken land, along broken W. slope.
17.40	Slope changes to broken NW.; desc. 60 ft.
23.05	Point selected for the witness meander cor. of secs. 7 and 12 on the left bank of the Colorado River.

East Boundary of T. 40 S., R. 9 E.

Chains	
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, with brass cap mkd.
	WMC S12 | S 7 R9E R9½E T40S 1958
	The cor. is located on first wide shelf above the Colorado River.
	By triangulation, topography as taken from U. S. G. S. topographic map; desc. about 270 ft. over ledges facing NW.
32.00	Mean high water level on the left bank of the Colorado River was at inaccessible point.
	Thence across the Colorado River, course SW.
40.00	The ¼ sec. cor. of secs. 7 and 12 falls in the Colorado River and was not monumented.
43.00	Mean high water Level on the right bank of Colorado River.
	Point for the meander cor. of secs. 7 and 12 was at an inaccessible point and was not monumented.
	Asc. about 820 ft. over ledges and canyon wall facing SE.
61.30	Rim of Colorado River Canyon, bears irregularly NE. and SW.; end of triangulation; asc. 100 ft. over S. slope.
79.40	Top of ascent; desc. 10 ft. over rolling NE. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T40S R9E R9½E S1 | S6 S12 | S7 1958
	Land, broken. Soil, exposed sandstone and sand. Undergrowth, tamarisk, willows and grass along river; scant throughout remainder.
	North, bet. secs. 1 and 6.
	Over broken rolling land; by triangulation, topography as taken from U. S. G. S. topographic map; desc. about 80 ft. over rolling NE. slope.
7.00	SW. rim of Bowns Canyon, bears NW. and SE.; desc. about 440 ft. over canyon wall and steep slope facing NE.
15.00	Wash in bottom of Bowns Canyon, drains SE.; asc. about 440 ft. over broken slope and ledges facing SW.
32.00	NE. rim of Bowns Canyon, bears irregularly NW. and SE.; asc. 80 ft. over rolling sandstone domes.

East Boundary of T. 40 S., R. 9 E.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 1 and 6 falls on E. slope of dome where cor. cannot be perpetuated.
42.70	Point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E R9½E ¼ S1 S6 W C 1958
	End of triangulation; asc. 90 ft. over rolling sandstone domes.
60.50	E. edge of prominent sandstone deom; desc. 70 ft. over sandstone formations draining generally NW.
79.30	Point selected for the witness cor. of Tps. 39 and 40 S., Rs. 9 and 9½ E.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd.
	T39S R9E R9½E W C S36 S31 S1 S6 T40S 1958
	Cor. is located on NW. slope of dome, near base.
80.00	Point for the cor. of Tps. 39 and 40 S., Rs. 9 and 9½ E. falls on steep NW. slope where cor. cannot be perpetuated.
	Land, rolling. Soil, mostly exposed sandstone. Timber, widely scattered scrub juniper. Undergrowth, scattered black brush, yellow brush and grass.

North Boundary of T. 40 S., R. 9 E.

	From the true point for the cor. of Tps. 39 and 40 S., Rs. 9 and 9½ E., whose witness cor. bears S. 70 lks. dist.
	N. 89° 58' W., bet. secs. 1 and 36.
	Over broken land; by triangulation, topography as taken from U. S. G. S. topographic map; desc. about 200 ft. along N. slope and canyon wall.
5.00	Bottom of canyon, drains SW.; asc. about 280 ft. over canyon wall and steep sandstone slope facing SE.
18.00	Sandstone point, slopes sharply S.; desc. about 360 ft. over steep sandstone W. slope.
29.00	Wash, 30 lks. wide, 3 ft. deep, drains S.; asc. about 40 ft. along N. side of wash in Bowns Canyon.

Chains	
40.00	Point for the ¼ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap mkd. T39S R9E ¼ S36 S 1 T40S 1958 The cor. is located about 1 ch. N. of wash in Bowns Canyon. Cont. along canyon bottom.
60.00	Creek in Bowns Canyon, 50 lks. wide, 2 ft. deep, course irregularly SE.; good drinking water; asc. about 360 ft. over slope and canyon wall bearing E. and W. on bend to N.
79.90	W. rim of Bowns Canyon, bears irregularly N. and E. on bend; end of triangulation.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T39S R9E S35 | S36 S2 | S1 T40S 1958 Land, broken. Soil, exposed sandstone and sand. Timber, widely scattered juniper, cottonwoods along canyon bottom. Undergrowth, moderate grass along wash, moderate sage and black brush in canyon bottom.
	N. 89° 58' W., bet. secs. 2 and 35. Over ; rolling slightly broken land; asc. 240 ft. over sandstone E. slope.
35.50	Top of ascent; desc. 20 ft. over general SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E ¼ S35 S 2 T40S 1958 Desc. 70 ft. over W. slope.
50.70	Wash, 50 lks. wide, 1 ft. deep, drains SW.; desc. 30 ft. over gentle rolling land, with numerous sandstone outcrops.

North Boundary of T. 40 S., R. 9 E.

Chains	
79.95	Point selected for the witness cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
80.00	True point for the cor. of secs. 2, 3, 34 and 35 falls on slope of gully about 4 ft. deep where cor. cannot ber perpetuated. Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, moderate sage, black brush and yellow brush in sandy depressions.
	N. 89° 58' W., bet. secs. 3 and 34. Over rolling land; desc. 20 ft.
2.50	Small wash, sandstone bottom, drains SW.; asc. 60 ft. over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T39S R9E ¼ S34 S 3 T40S 1958 Desc. 10 ft. over rolling bench land, numerous small sandstone outcrops.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hold in solid sandstone, in a collar of stone, with brass cap mkd. T39S R9E S33 | S34 S4 | S3 T40S 1958 Land, rolling. Soil, exposed sandstone, shallow sand. Undergrowth, scattered sage, yellow brush and black brush.
	N. 89° 58' W., bet. secs. 4 and 33. Over rolling aldn; desc. 70 ft.
19.80	Canyon rim, bears NE. and SW.; by triangulation with topography as taken from U. S. G. S. topographic map. Desc. about 600 ft. over canyon wall and talus slope facing NW.
30.00	Wash in canyon bottom, drains SW.; asc. about 440 ft. over sandstone facing SE.

Chains	
39.00	Sandstone spur, projects S.; desc. about 80 ft. over steep sandstone facing SW.
40.00	Point for the ¼ sec. cor. of secs. 4 and 33, falls on inaccessible SW. slope of sandstone spur where cor. cannot be perpetuated.
	Desc. about 400 ft. over steep sandstone and broken talus slope facing SW.
55.10	Point selected for the witness ¼ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R9E
¼ S33 W
S 4 C
T40S
1958

	Desc. about 40 ft. over broken slope facing SW.
57.10	Escalante River, course E. on bend to S., thence along river.
75.00	Leave river; asc. about 80 ft. over precipitous NE. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33 falls on precipitous NE. slope where cor. cannot be perpetuated.
	Land, broken. Soil, exposed sandstone, rocky and sandy. Undergrowth, scattered black brush, yellow brush, sage and grass.

	N. 89° 58' W., bet. secs. 5 and 32.
	Over broken land; asc. about 540 ft. over slope and canyon wall facing NE.
5.90	Rim of Escalante River Canyon, bears N. 30° W. and S. on bend to W.
6.00	Point selected for the witness cor. of secs. 4, 5, 32 and 33.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd.

T39S R9E
S32 | S33 W
S5 | S4 C
T40S
1958

	Asc. 30 ft. over rolling sandstone.
40.00	Point for the ¼ sec. cor. of secs. 5 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd.

T39S R9E
¼ S32
S 5
T40S
1958

North Boundary of T. 40 S., R. 9 E.

Chains	
	Desc. 70 ft. over rolling sandstone.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T39S R9E S31 | S32 S6 | S5 T40S 1958
	Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, scattered black brush, Brigham tea, yellow brush, cacti and grass.
	N. 89° 58' W., bet. secs. 6 and 31.
	Over rolling, broken land, by triangulation with topography as taken from U. S. G. S. topographic map; desc. about 40 ft. over sandstone sloping SW.
8.00	NE. rim of gulch, bears NW. and SE.; desc. about 200 ft. over steep sloping sandstone and nearly vertical wall facing SW.
16.00	Bottom of gulch, drains SE.; asc. about 240 ft. over nearly vertical wall facing NE.
25.00	SW. rim of gulch, bears NW. and SE.; cont. over rolling sandstone.
34.12	End of triangulation.
40.00	Point for the ¼ sec. cor. of secs. 6 and 31.
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T39S R9E ¼ S31 S 6 T40S 1958
	Asc. 180 ft. over rolling sandstone.
79.48	The cor. of Tps. 39 and 40 S., Rs. 8 and 9 E., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the E. bdy. of T. 40 S., R. 8 E.
	Land, rolling and broken. Soil, exposed sandstone and shallow sand. Undergrowth, scattered black brush, Brigham tea, yellow brush, cacti and grass.
	Portion of the Subdivision of T. 40 S., R. 9 E.
	Begin the standard cor. of secs. 35 and 36 on the S. bdy. of the Tp.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling desert land, and numerous sandstone outcrops; desc. 30 ft. over general N. slope.

Chains	
10.00	Base of N. slope; desc. 10 ft. over swales.
16.70	Small wash, drains SW.; asc. 30 ft. over S. slope of bench.
19.50	Slope changes to SW.; asc. 40 ft.
32.40	Leave bench; desc. 40 ft. over rolling N. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 20 ins. long, 1 in. diam., 8 ins. in sand to bedrock, in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T40S R9E ¼ S35 | S36 1958
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Desc. 60 ft.
53.80	S. rim of Indian Creek Canyon; by triangulation, topography as taken from U. S. G. S. topographic map; desc. about 320 ft. over canyon wall and steep talus slope facing N.
60.00	Draw, drains W. into Indian Creek; asc. about 120 ft. over steep S. slope.
64.00	Sandstone spur, slopes sharply W.; desc. about 360 ft. over broken NW. slope.
72.00	Indian Creek, 30 lks. wide, 1 ft. deep, good drinking water, course NE.; asc. 80 ft. over broken SE. slope.
74.49	End of triangulation; asc. 50 ft.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 36 ins. long, 1 in. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E S26 | S25 S35 | S36 1958
	Land, rolling and broken. Soil, sand and exposed sandstone. Undergrowth, scattered black brush, sage, yellow brush and grass.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
	S. 89° 57' W., bet. secs. 25 and 36.
	Over broken land, by triangulation and traverse, topography as taken from U. S. G. S. topographic map.
	Asc. about 40 ft. over sandstone facing E.
.60	Rim of Escalante River Canyon, bears N. and S.; desc. about 440 ft. over canyon wall facing W.
5.00	Base of canyon wall; desc. about 320 ft. over broken slope and ledges facing NW.

Portion of the Subdivision of T. 40 S., R. 9 E.

Chains	
11.00	Escalante River, course SW. from N.; asc. about 200 ft. over broken SE. slope.
18.00	Top of ascent; desc. about 200 ft. over broken NW. slope.
24.00	S. bank of Escalante River, bears NE. and NW. on bend; asc. about 440 ft. along broken ledgy NE. slope.
38.00	Ledgy point, projects N.; desc. about 200 ft. over ledge facing NW.
40.04	Point for the ¼ sec. cor. of secs. 25 and 36. Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T40S R9E ¼ S25/S36 1958 Desc. about 240 ft. over broken ledgy NW. slope.
49.00	S. bank of Escalante River, bears NE. and NW. on bend; asc. about 320 ft. over broken ledgy slope facing NE.
66.00	Base of nearly vertical wall facing N. 15° E.; asc. about 380 ft.
68.00	Sandstone point, projects N. 15° E.; desc. about 580 ft. over nearly vertical wall and broken slope facing NW.
75.00	Indian Creek, course NE.; asc. about 180 ft. over broken SE. slope.
80.08	The cor. of secs. 25, 26, 35 and 36.
	Land, broken. Soil, exposed sandstone, sandy and rocky. Undergrowth, scattered black brush, sage and grass.

From the standard cor. of secs. 33 and 34, on the S. bdy. of the Tp.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling exposed sandstone and scattered undergrowth; desc. 90 ft. over NE. slope.

13.10	Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. 135 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 33 and 34. Set an iron post, 15 ins. long, 1 in. diam., 7 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E ¼ S33 | S34 1958 Asc. 15 ft. over SE. slope.
46.30	Top of ascent on sandstone ridge, slopes NE.; desc. 120 ft. over N. slope.

Chains	
51.60	Jeep trail, bears N. 20° E. and S. 20° W.
65.10	Wash, 30 lks. wide, 2 ft. deep, drains irregularly N. 80° E.; asc. 60 ft. over S. slope.
70.30	Top of ascent; desc. 80 ft. over NE. sloping sandstone.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 15 ins. long, 1 ins. diam., 6 ins. into drilled hold, in solid sandstone, in a collar of stone, with brass cap mkd.
	T40S R9E S28 | S27 S33 | S34 1958
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, scattered white sage and black brush.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling exposed sandstone and scattered undergrouwth; asc. 75 ft. over SE. slope.
39.30	Top of ascent on sandstone spur sloping NE.; desc. 25 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R9E ¼ S28 | S27 1958
	Desc. 235 ft. over NW. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E S21 | S22 S28 | S27 1958
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush and white sage.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling land, through scattered undergrowth.
	Desc. about 240 ft. by triangulation over NW. slope.

Chains	
20.00	S. rim of Davis gulch, bears NE. and SW.; desc. about 200 ft. over nearly vertical ledge facing NW.
22.00	Davis Gulch, 1.00 ch. wide, 4 ft. deep, drains NE.; asc. about 200 ft. over nearly vertical ledge facing S.
25.00	N. rim of Davis Gulch, bears N. 75° E. and SW.; asc. about 180 ft. over S. slope.
40.00	End of triangulation and point for the ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, in a collar of stone, with brass cap mkd.
	T40S R9E ¼ S21 | S22 1958
	Asc. 135 ft. over S. slope.
70.80	Top of ascent; spur, slopes E.; desc. 10 ft. over N. slope.
76.10	Point selected for the witness cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 15 ins. long, 1 ins. diam., 6 ins. into drilled hole in solid sandstone, in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T40S R9E W C S16 | S15 S21 | S22 1958
76.30	S. rim above the Escalante River, bears N. 80° E. and N. 80° W.; cont. by triangulation; desc. about 500 ft. over nearly vertical ledge and talus slope.
79.50	Right bank of the Escalante River, bears E. and W.
80.00	True point for the cor. of secs. 15, 16, 21 and 22 falls in Escalante River.
	Land, rolling and ledges. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over nearly vertical ledges and rolling sandstone along the river.
2.75	Left bank of the Escalante River, bears E. and W.; asc. about 250 ft. over talus slope and nearly vertical ledges.
12.00	Top of ascent on sandstone spur, projects W.; desc. about 250 ft. over nearly vertical ledges and talus slope.
17.50	Left bank of the Escalante River, bears N. 70° E. and S. 70° W.
22.30	Right bank of the Escalante River, bears N. 70° E. and S. 80° W.; asc. about 300 ft. over talus and nearly vertical ledges.

Chains	
35.00	Sandstone spur, projects NE.; desc. 15 ft. over N. slope.
40.00	End of triangulation; point for the ¼ sec. cor. of secs. 15 and 16. Set an iron post, 15 ins. long, 1 in. diam., 10 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E ¼ S16 | S15 1958 Cont. by triangulation; desc. about 285 ft. over steep N. slope and nearly vertical ledges.
56.50	Right bank of the Escalante River, bears NE. and SW.
60.50	Left bank of the Escalante River, bears SW. and E.; asc. about 500 ft. over talus and nearly vertical ledges.
64.40	End of triangulation on top of ascent on rim above river, bears E. and W.; desc. 35 ft. over exposed sandstone sloping W. and N.
80.00	Point for the cor. of secs. 9, 10, 15 and 16 on N. sloping sandstone. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E S 9 | S10 S16 | S15 1958 Land, steep slopes and ledges. Soil, sandstone and sandy silt. Timber, none. Undergrowth, white sage, black brush and mountain rush.
	N. 0° 02' W., bet. secs. 9 and 10. Over rolling exposed sandstone, through scattered undergrowth. Desc. 110 ft. over N. slope of exposed sandstone.
20.20	S. rim of canyon, bears N. 80° E. and S. 80° W.; desc. by triangulation about 200 ft. over nearly vertical ledge and steep N. slope.
21.70	Wash in canyon, 30 lks. wide, 3 ft. deep, drains S. 80° W.; asc. about 270 ft. over steep S. slope and nearly vertical ledge.
26.00	End of triangulation on N. rim of canyon, bears E. and W.; asc. 120 ft. over rolling exposed sandstone sloping SW.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10 falls on steep NW. slope of sandstone. Set an iron post, 15 ins. long, 1 in. diam., 9 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E ¼ S 9 | S10 1958 Asc. 170 ft. over S. slope.

Chains	
57.30	Top of ascent on E. slope of rolling sandstone; desc. 115 ft. over NW. slope.
72.50	Wash, 40 lks. wide, 2 ft. deep, drains SW.; asc. 40 ft. over S. slope.
79.50	Top of ascent; desc. 5 ft. over N. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, with brass cap mkd. T40S R9E S4 | S3 S9 | S10 1958 Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush and White sage.
	N. 0° 10' W., bet. secs. 3 and 4.
	Over rolling exposed sandstone, through scattered undergrowth.
	Desc. 15 ft. over N. slope.
.60	Wash, 20 lks. wide, 1 ft. deep, drains W.; asc. 120 ft. over S. slope.
19.90	Sandstone ridge, bears N. 60° E. and S. 60° W.; desc. 130 ft. over NW. slope.
33.50	Wash, 50 lks. wide, 3 ft. deep, drains S. 70° W.; asc. 90 ft. over S. slope.
39.00	Top of ascent; desc. 5 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R9E ¼ S4 | S3 1958
	Desc. 25 ft. over N. slope.
45.80	Wash, 2.00 chs. wide, 3 ft. deep, drains S. 60° W.; asc. 155 ft. over S. slope.
80.36	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.

Chains	
	From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp.
	S. 0° 01' E., bet. secs. 1 and 2.
	Over rolling sandstone; asc. 100 ft.
13.40	Base of steep ascent; asc. 280 ft. over rolling N. slope.
28.00	Top of prominent sandstone dome; desc. 200 ft. over rolling sandstone facing S.
40.11	Point for the ¼ sec. cor. of secs. 1 and 2.
	Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in solid sandstone, with brass cap mkd.
	T40S R9E ¼ S2 | S1 1958
	Desc. 120 ft. over SW. slope.
58.90	Bottom of slope, thence across swale.
68.60	Begin ascent over rolling N. slope; asc. 110 ft.
79.80	Point selected for the witness cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E S2 | S1 S11 | S12 WCC 1958
	The witness cor. is located on top of sandstone dome.
80.11	True point for the cor. of secs. 1, 2, 11 and 12 falls on steep S. slope of dome where cor. cannot be perpetuated.
	Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, moderate black brush, sage and yellow brush in sandy pockets.
	S. 89° 56' W., bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10, as specified in the special instructions.
	Over rolling land; asc. 180 ft. over rolling sandstone formations.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R9E ¼ S2 S11 1958
	Desc. 30 ft. over rolling sandstone.

Chains	
43.50	Small wash, drains SW.; desc. 20 ft. over rolling sandstone and intermittent depressions of shallow sand.
80.00	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd. T40S R9E S3 | S2 S10 | S11 1958 Deposit charcoal at base of post. Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, moderate black brush, sage and yellow brush in sandy depressions.
	N. 0° 03' W., bet. secs. 2 and 3. Over rolling sandstone and pockets of shallow sand, general SW. drainage; asc. 50 ft.
40.00	Point for the ¼ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S R9E ¼ S3 | S2 1958 Asc. 50 ft. over rolling sandstone.
80.27	The true point for the cor. of secs. 2, 3, 34 and 35, whose witness cor. bears E. .05 lks. dist. Land, rolling. Soil, exposed sandstone and shallow sand. Undergrowth, scattered black brush, yellow brush and grass.
	From the true point for the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21, by triangulation.
14.50	Right bank of the Escalante River, bears S. 80° E. and NW.; asc. about 650 ft. over talus and nearly vertical ledge.
18.50	End of triangulation; to pof ascent; rim above the river bears SE. and NW.; desc. 235 ft. over W. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 21. Set an iron post, 15 ins. long, 1 ins. diam., 8 ins. in drilled hole in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T40S

Chains	
	T40S R9E S16 S21 1958
	Desc. 10 ft. over W. slope.
43.50	Base of descent; asc. 115 ft. over NE. slope.
69.70	Top of ascent; cont. over rolling land.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 15 ins. long, 1 in. diam., 7 ins. into drilled hole in solid sandstone, in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T40S R9E S17 | S16 S20 | S21 1958
	Land, broken and rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	From the cor. of secs. 16, 17, 20 and 21.
	N. 0° 03' W., bet. secs. 16 and 17.
	Over rolling exposed sandstone, through scattered unergrowth.
	Asc. 25 ft. over gradual S. slope.
14.00	Top of ascent; desc. by triangulation about 140 ft. over N. slope.
22.50	S. rim of Fifty Mile Creek, bears SW. and N. 80° E.; desc. about 200 ft. over nearly vertical ledge.
26.70	Fifry Mile Creek, 40 lks. wide, 4 ft. deep, drains N. 80° E.; asc. about 200 ft. over nearly vertical ledge.
29.00	End of triangulation, N. rim of Fifty Mile Creek, bears SW. and N. 80° E.; asc. 30 ft. over S. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17.
	Set an iron post, 15 ins. long, 1 ins. diam., 8 ins. into drilled hole in solid sandstone, in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T40S R9E ¼ S17 | S16 1958
62.40	Asc. 235 ft. over steep S. slope.
76.40	Top of ascent; desc. 55 ft. over N. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 15 ins. long, 1 in. diam., 9 ins. into drilled hole in solid sandstone, with brass cap mkd.

Portion of the Subdivision, T. 40 S., R. 9 E.

Chains	
	T40S R9E S8 | S9 S17 | S16 1958
	Land, rolling. Soil, sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	From the cor. of secs. 9, 10, 15 and 16,
	N. 89° 55' W., bet. secs. 9 and 16.
	By triangulation, over rolling exposed sandstone.
	Desc. about 320 ft. over W. slope.
32.00	E. rim above the Escalante River, bears N. 10° W. and S.; desc. about 200 ft. over nearly vertical ledge and talus slope.
33.50	Left bank of the Escalante River, bears NW. and S.
36.50	Right bank of the Escalante River, bears NW. and S. 55° E.; asc. about 140 ft. over talus slope.
39.98	Point for the ¼ sec. cor. of secs. 9 and 16 falls on inaccessible talus slope where cor. cannot be perpetuated; asc. about 500 ft. over talus and nearly vertical ledge.
47.40	Top of ascent, rim above river bears irregularly N. and S.
47.51	Point selected for the witness ¼ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E ¼ S 9 W S16 C 1958
	Desc. 65 ft. over NW. slope.
59.50	Desc. 65 ft. over SW. slope.
66.40	Base of descent; asc. 160 ft. over steep NE. slope.
79.96	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling, ledges and talus slope. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	From the standard cor. of secs. 32 and 33 on the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 32 and 33.
	Asc. 75 ft. over S. slope.

Chains	
3.70	Top of ascent on bench, bears S. 80° E. and N. 45° W.; desc. 10 ft. over slightly rolling NW. slope of bench.
29.80	Bench top, bears N. 30° E. and S. 45° W.; desc. 90 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	Set an iron post, 15 ins. long, 4 in. diam., 8 ins. into drilled hole in solid sandstone, in a collar of stone, with brass cap mkd.
	T40S R9E ¼ S32 | S33 1958
	Desc. 75 ft. over NW. slope.
46.50	Wash, 10 lks. wide, 2 ft. deep, drains W.; asc. 185 ft. over SW. slope.
69.00	Top of ascent on W. slope of bench; desc. 115 ft. over N. 80° W. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R9E S29 | S28 S32 | S33 1958
	Land, steep slopes and nearly level. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	From the standard cor. of secs. 31 and 32, on the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 31 and 32.
	By triangulation, over rolling land, through scattered undergrowth.
16.50	E. rim of Davis Gulch, bears N. 30° E. and S. 30° W.; desc. about 160 ft. over NW. facing ledge.
24.00	Wash in gulch, 1.00 ch. wide, 5 ft. deep, drains NE.; asc. about 160 ft. over ledge facing SE.
28.60	W. rim of Davis Gulch, bears N. 45° E. and S. 40° W.; asc. about 90 ft. over SE. slope.
40.00	End of triangulation and point for the ¼ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R9E ¼ S31 | S32 1958
	Asc. 55 ft. over SE. slope.

Portion of the Subdivision, T. 40 S., R. 9 E.

Chains	
51.50	Cont. ascent of 35 ft. over series of sandstone spurs sloping NE.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T40S R9E S30 | S29 S31 | S32 1958
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.
	From the cor. of secs. 28, 29, 32 and 33.
	S. 89° 56' W., bet. secs. 29 and 32.
	Over rolling exposed sandstone, by triangulation; desc. about 350 ft. over W. slope.
22.50	Wash, 20 lks. wide, 4 ft. deep, drains S. 60° W.; desc. about 80 ft. over W. slope.
34.00	E. rim of Davis Gulch, bears N. 45° E. and S. 40° W.; desc. about 160 ft. over ledge facing NE.
38.50	Wash, 1.00 ch. wide, 5 ft. deep, drains N. 45° E.; asc. about 30 ft.
40.05	Point for the ¼ sec. cor. of secs. 29 and 32 falls on inaccessible SE. slope of gulch; asc. about 180 ft. over ledge facing SE.
41.50	W. rim of Davis Gulch, bears S. 70° W. and N. 45° E.
41.60	Point selected for the witness ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R9E ¼ S29 W S32 C 1958
	Asc. 30 ft. over SE. slope.
44.20	Sandstone knob; desc. 50 ft. over SW. slope.
48.30	Base of descent; asc. 205 ft. over E. slope.
80.10	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling. Soil, exposed sandstone and sandy silt. Timber, none. Undergrowth, black brush, white sage and mountain rush.

Chains

From the meander cor. of sec. 36 on the E. bdy. of the Tp., and on the left bank of the Colorado River, which is monumented by an iron post, 2½ ins. diam., heretofore described.

From this meander cor. the cor. of Tps. 40 and 40½ S., bears South 26.49 chs. dist.

Thence downstream with the meander of the left bank of the river, through heavy growth of tamarisk and willows.

S. 24° 07' W., 7.34 chs.
S. 8° 42' W., 20.02 chs. The true point for the meander cor. of sec. 36 on the S. bdy. of the Tp. From this point the witness meander corner bears East 3.89 chs. dist.

Land, bottom of Colorado River Canyon.
Soil, rocks and sandy silt.
Timber, heavy growth of willows and tamarisk, along river bottom.
Undergrowth, moderate growth of grass and sage along river bottom.

From the true point for the meander cor. of sec. 36 on the E. bdy. of the Tp. and on the right bank of the Colorado River, which was not accessible and not monumented.

From this point the cor. of Tps. 40 and 40½ S. bears South, 37.50 chs. dist.

Thence downstream with the meander of the right bank of the river through narrow fringe of tamarisk and willows.

S. 52° 27' W., 6.65 chs. At midpoint on course is the junction of the Escalante River with the Colorado River; The Escalante River drains from the NW.

S. 20° 35' W., 17.09 chs.
S. 31° 02' W., 7.62 chs.
S. 13° 35' W., 5.58 chs.
S. 6° 38' W., 5.54 chs. The meander cor. of sec. 36 on the S. bdy. of the Tp.

Land, bottom of Colorado River Canyon.
Soil, rocks and sandy silt.
Timber, narrow border of tamarisk and willows along river bank.
Undergrowth, moderate grass and sage along river bottom.

General Description

The general elevation of the township ranges from about 3200 ft. to 4300 ft. above sea level; the highest point in sections 1 and 2 being about 400 ft. higher. Most of the northeast portion of the township drains southeasterly into the Escalante River. The western and southern portion is drained by Willow Creek, Fifty Mile Creek, Davis Gulch, Clear Creek and Indian Creek, the breaks and tributaries draining northeasterly into the Escalante River. The soil is mostly exposed sandstone and shallow sand with sand of greater depth along the Escalante River and in the canyons.

Township 40 South, Range 9 East

Chains

The Colorado River enters the township in section 12 on the east boundary leaving the township in section 13 to cross the corner of section 36. This is a navigable stream, meanderable under surveying rules.

The deep canyons, Gregory Natural Bridge and the boating tours down the Colorado River afford some scenic attractions.

The land is primarily used for the grazing of stock as there is a moderate growth of native grass and browse in the canyons, with moderate to scattered black brush, sage, mountain rush, yellow brush and grass throughout the remaining area. The main creeks and gulches afford good water throughout the year.

Due to the inaccessibility of the township there are no noticeable improvements. Access to the survey lines was by helicopter.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max Porter	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September 1957, I have surveyed the south boundary (Eighth Standard Parallel South through Rs. 9 and 9½ E.), the east boundary, the north boundary and a portion of the subdivision of T. 40 S., R. 9 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.

Salt Lake City, Utah
May 19, 1959

Boyd S. Owens
Boyd S. Owens
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., ..., 19....

The foregoing field notes of the survey of .....

executed by .....

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 9 E., SLM, Utah, is a true copy of the original field notes.~~

~~*Cadastral Engineering Staff Officer.*~~

U. S. GOVERNMENT PRINTING OFFICE 16—55004-2

4-600
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James R. Munson	Principal Assistant
Parley Pratt	Chainman
Robert A. Pratt	Flagman
Wallace R. Ott	Axeman
Andrew M. Nelson	Cornerman

16--53565-2

CERTIFICATE OF CADASTRAL ENGINEER

35

I, Lacel E. Bland, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have surveyed a portion of the subdivision of T. 40 S., R. 9 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.

Salt Lake City, Utah

May 19, 1959

Lacel E. Bland

Lacel E. Bland
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., _____, *19*____

The foregoing field notes of the survey of _____

executed by _____

having been critically examined and found correct, are hereby approved.

_____
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 9 E., SLM, Utah, is a true copy of the original field notes.

_____
Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53505-2

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CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of September, 1957, I have ~~surveyed~~ supervised the survey of the south boundary (Eighth Standard Parallel South through Rs. 9 and 9½ E.), the east boundary, the north boundary and a portion of the subdivision and the meanders of the Colorado River through Section 36 of T. 40 S., R. 9 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~~ under my supervision; 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

May 19, 1959

Vern E. Lane

Vern E. Lane
Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 18 1959, *19*

The foregoing field notes of the survey of the south boundary (Eighth Standard Parallel South through Rs. 9 and 9½ E.), the east boundary, the north boundary and a portion of the subdivision and the meanders of the Colorado River through section 36 of T. 40 S., R. 9 E., Salt Lake Meridian, Utah

executed by Boyd S. Owens, Cadastral Surveyor and Lacel E. Bland, Cartographic Survey Aid, under the supervision of Vern E. Lane, Cadastral Survey (Chief of Party having been critically examined and found correct, are hereby approved.

Donald B. Clement

Acting *Cadastral Engineering Staff Officer.*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 S., R. 9 E., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

U. S. GOVERNMENT PRINTING OFFICE 16—53565-2