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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4257

FIELD NOTES

OF SURVEY OF

WEST BOUNDARY

NORTH BOUNDARY

(on the 10th Std. Parallel North)

AND

SUBDIVISIONAL LINES of

TOWNSHIP 40 NORTH, RANGE 8 WEST

Of the Gila and Salt River Meridian,

In the State of ARIZONA

EXECUTED BY

Horace M. Muscott, Surveyor,

Claude F. Warner, Transitman,

and Frank Moteh, Public Land Surveyor

*supplemental*  
Under special instructions dated April 30, 1936, which provided  
for the surveys included under Group No. 210, Arizona, bearing the approval of the  
Commissioner of the General Land Office under date of July 24, 1936  
and assignment instructions dated April 11, 1939

Survey commenced June 1, 1939

Survey completed July 7, 1939

4257

# INDEX DIAGRAM.

*Township* -----, *Range* -----

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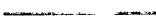


1A

# INDEX-DIAGRAM

DOC. 4257

## T. 41 N. - R. 8 W.

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1								
		6	5	4	3	2	1	6

-  Lines of accepted surveys.
-  Lines surveyed under this group, along standard parallel, accomplished by establishment of closing cors. and 1/4 sec. cors. referring to areas 5.
-  Lines surveyed under this group in 1937.
-  Lines surveyed under this group in 1939.
-  Areas surveyed as per accepted plats on file.

The surveys herein described were executed by Horace M. Muscott, Surveyor, Claude F. Warner, Transitman, and Frank Moteh, Public Land Surveyor, using, respectively, Buff and Buff transits Nos. 16723 and 9984, and Young and Sons' transit No. 8526. Each of said instruments is equipped with an improved Smith solar attachment, and otherwise conforms to the standard specifications of the General Land Office.

The azimuths of all of the lines of survey herein described were determined with the solar attachments.

All of the measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard tape and found correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

#### PRELIMINARY FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 16723  
Horace M. Muscott, Surveyor.

May 31, 1939;

At station in camp at the cor. of Ts. 39 and 40 N., Rs. 8 and 9 W., G. and S.R. meridian, Arizona, latitude  $36^{\circ} 48' 55''$  N., longitude  $113^{\circ} 12' 09''$  W.; examine the adjustments of Buff and Buff transit No. 16723 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with a true meridian determined by Polaris observation, proceed as follows:

June 1, 1939;

At same station, at 3h. 9m., a.m., l.m.t., observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 17' 03''$

At 7h. 00m., a.m., lay off the azimuth of Polaris  $1^{\circ} 17'$  to the west, and mark a point in the true meridian thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

At 8h. 00m., a.m., app. t., set off  $36^{\circ} 49' N.$  on the lat. arc;  $22^{\circ} 00' N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $22^{\circ} 01' N.$  on the decl. arc, which agrees with computed decl. of the sun.

At 4h. 00m., p.m., app. t., with the lat. arc unchanged; set off  $22^{\circ} 02\frac{1}{2}' N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

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

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Buff and Buff transit No. 9984  
Claude F. Warner, Transitman.

June 25, 1939;

At station in camp near the cor. of secs. 3, 4, 33 and 34, Ts. 38 and 39 N., R. 9 W.; latitude  $36^{\circ}43\frac{1}{2}'$  N., longitude  $113^{\circ}15\frac{1}{2}'$  W., examine the adjustments of Buff and Buff transit No. 9984 and find no errors. Then, to test the solar apparatus of same by comparing its indications with a true meridian established at this station on June 11, 1939, by Polaris observation, as described in field notes of resurvey of West bdy., and survey of North bdy. and subdivisional lines of T. 38 N., R. 9 W., executed under this group, proceed as follows:

At 8h. 00m., a.m., app. t., set off  $36^{\circ}43\frac{1}{2}'$  N. on the lat. arc;  $23^{\circ}25'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $23^{\circ}24\frac{1}{2}'$  N. on the decl. arc, which agrees with computed decl. of the sun.

At 4h. 00m., p.m., app. t., with the lat. arc unchanged; set off  $23^{\circ}24\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to the beginning of the surveys executed with same which are described in the following field notes.

Young and Sons' transit No. 8526.  
Frank Metch, Public Land Surveyor.

June 25, 1939;

At same station where the preceding tests of instrument were made, examine the adjustments of Young and Sons' transit No. 8526 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with the same true meridian, proceed as follows:

At 8h. 00m., a.m., app. t., set off  $36^{\circ}43\frac{1}{2}'$  N. on the lat. arc;  $23^{\circ}25'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $23^{\circ}24\frac{1}{2}'$  N. on the decl. arc, which agrees with computed decl. of the sun.

At 4h. 00m., p.m., app. t., with the lat. arc unchanged, set off  $23^{\circ}24\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to the beginning of the surveys executed with same which are described in the following field notes.

## Survey: West Boundary of T. 40 N., R. 8 W.

3

## Chains

The cor. of Ts. 39 and 40 N., Rs. 8 and 9 W., established under this group in 1937, is a regulation brass-capped iron post, 3 ins. in diam., firmly set, marked and witnessed as described in the field notes of survey of the East, West and North bdrs. and subdivisional lines of T. 39 N., R. 8 W.

Thence

North, bet. secs. 31 and 36.

Over gently rolling and nearly level land, thru scattering undergrowth.

Descend about 90 ft. over general NW. slope to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S36} | \text{S31} \\ \hline 1939 \end{array}$$

Descend 15 ft. over NW. slope.

- 48.40 Cut bank wash, 8 lks. wide, 3 ft. deep, course NE. Descend gradually over NE. slope to

- 67.80 Draw, course NE.; asc. gradually over SE. slope to sec. cor.

- 75.50 Ungraded road, bears N.30°W. and S.30°E.

- 77.60 Same road, bears N.12°E. and S.12°W.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

$$\begin{array}{c} \text{T40N} \\ \text{R9W R8W} \\ \text{S25} | \text{S30} \\ \hline \text{S36} | \text{S31} \\ \hline 1939 \end{array}$$

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. raise a mound

Land, gently rolling and nearly level.

Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates.

Timber, none.

Undergrowth, Mormon tea and sagebrush. Good grass.

North, bet. secs. 25 and 30.

Over gently rolling and nearly level land, thru scattering undergrowth.

Ascend gradually over SE. slope.

- 5.00 Descend gradually over E. and NE. slopes to  $\frac{1}{4}$  sec. cor.

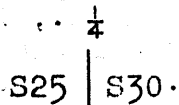
- 9.60 Ungraded road, bears NW. and SE.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in

Survey: West Boundary of T. 40 N., R. 8 W.

Chains

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



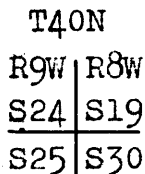
1939

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Descend gradually over NE. slope.

56.90 Wash, 20 lks. wide, course N.30°E. Continue gradual descent over NE. slope, over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked



1939

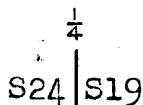
raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, gently rolling and nearly level. Soil, gravelly and rocky clay, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush and Mormon tea. Good grass.

North, bet. secs. 19 and 24.

Over nearly level land, thru scattering undergrowth. Descend gradually over general NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1939

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Descend slightly over NE. slope.

68.50 Clayhole Wash, 90 lks. wide, 20 ft. deep, course N.74°W. About 2.50 chs. bet. tops of banks. Continue over nearly level land, sloping slightly NW.

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

Chains

T40N	
R9W	R8W
S13	S18
S24	S19
1939	

raise a mound  
of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, nearly level.  
Soil, sandy and gravelly, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, sagebrush and Mormon tea.  
Good grass.

North, bet. secs. 13 and 18.

Over nearly level land, thru scattering undergrowth.  
Descend slightly over NW. slope.

7.50 Wash, 50 lks. wide, course W., with cut banks 10 ft. high.  
Ascend slightly over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
the ground, for ¼ sec. cor., with brass cap marked

¼	
S13	S18
1939	

raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.

Ascend slightly over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18, with  
brass cap marked

T40N	
R9W	R8W
S12	S7
S13	S18
1939	

raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, nearly level and gently rolling.  
Soil, sandy and gravelly, 2nd rate.  
Timber, none.  
Undergrowth, sagebrush and Mormon tea.  
Good grass.

North, bet. secs. 7 and 12.

Over gently rolling land, thru scattering undergrowth.  
Ascend gradually over SW. slope.

15.00 Top of low, flat ridge, bears E. and W.  
Descend gradually over N. slope.



Chains											
39.00	Ungraded road, bears N.81°W. and S.58 $\frac{3}{4}$ °E. Pipe Springs to St. George.										
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked										
	$\frac{1}{4}$ <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S12</td> <td style="padding: 0 5px;">S7</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">1939</td> </tr> </table>	S12	S7	1939							
S12	S7										
1939											
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high; W. of cor.										
	Descend gradually over N. slope.										
50.00	Drain, course SW. Enter very scattering timber. Ascend 35 ft. over SE. slope.										
79.90	Spur, slopes SW. from SE.; desc. slightly over N. slope to										
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked										
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">T40N</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">R9W</td> <td style="padding: 0 5px;">R8W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S1</td> <td style="padding: 0 5px;">S6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S12</td> <td style="padding: 0 5px;">S7</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">1939</td> </tr> </table>	T40N		R9W	R8W	S1	S6	S12	S7	1939	
T40N											
R9W	R8W										
S1	S6										
S12	S7										
1939											
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.										
	Land, gently rolling. Soil, sandy and gravelly, 3rd and 4th rates. Timber, juniper in N. 30 chs., none elsewhere. Undergrowth, sagebrush, algerita and cliff rose. Good grass.										
	North, bet. secs. 1 and 6.										
	Over rolling land, thru very scattering timber and scattering undergrowth. Descend 40 ft. over N. slope.										
1.90	Ravine, course N.80°E. for 5 chs. where it joins a larger ravine, course NW. Ascend 40 ft. over steep SE. slope to										
4.00	Top of ascent, bears NE. and SW. Thence across nearly level top of spur, sloping E.										
5.20	Top of slope, bears NW. and SE. Leave top of spur. Descend 30 ft. over steep NE. slope to										
6.60	Foot of steep slope, bears NW. and SE. Descend 61 ft. over gradual NE. slope.										
18.20	Wash, 12 lks. wide, in bottom of ravine, course NW. Ascend 25 ft. over SW. slope.										
24.00	Descend gradually over NW. slope to										
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked										

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ S1|S6 \\ | \\ 1939 \end{array}$$

raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Continue over gently rolling land, thru very scattering  
timber and scattering undergrowth.  
Descend gradually over NW. and N. slopes to

75.71 Intersect the 10th Standard Parallel North.

Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in  
the ground, for closing cor. of Ts. 40 N., Rs. 8 and 9 W.,  
with brass cap marked

$$\begin{array}{c} T41N R8W \\ S31 \\ \hline S1|S6 \\ R9W|R8W \\ T40N \\ CC \\ 1939 \end{array}$$

from which

A juniper, 12 ins. diam., bears S.56°E., 301 lks. dist.,  
marked T40N R8W S6 CC BT

No other bearing tree available.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

From point of intersection the std.  $\frac{1}{4}$  sec. cor. of sec.  
31, T. 41 N., R. 8 W., bears East, 19.74 chs. dist., which is  
a brass-capped iron post, 1 in. in diam., projecting 12  
ins. above ground, firmly set, marked and witnessed as  
described in the official record. The std. cor. of Ts. 41  
N., Rs. 8 and 9 W., bears West, 20.26 chs. dist., which is  
a brass-capped iron post, 3 ins. in diam., projecting 10 ins.  
above ground, firmly set, marked and witnessed as describ-  
ed in the official record.

Land, gently rolling.  
Soil, sandy, gravelly and rocky, 3rd and 4th rates.  
Timber, juniper.  
Undergrowth, sagebrush, algerita and cliff rose.  
Fair grass.

Survey: North Boundary of T. 40 N., R. 8 W.  
( on the 10th Std. Parallel North)

## Chains

The following notes describe the survey of the North bdy. of T. 40 N., R.8 W., along the 10th Standard Parallel North, from the closing cor. of Ts.40 N.,Rs.7 and 8 W., West to the closing cor. of Ts.40 N., Rs.8 and 9 W., accomplished by the establishment thereon of subdivisional closing cors. and N.  $\frac{1}{4}$  sec. cors. of the north tier of secs. of T.40 N.,R.8 W. The standard parallel was surveyed thru R.7 W. by W.L.Nash, U.S.Transitman, in 1916, and thru R.8 W. by W.E.Hiester, U.S.Surveyor, in 1924 and 1925. No retracement or resurvey of the line in any part of these two ranges is of record.

No retracement of the parallel in Rs.7 and 8 W. was made as a preliminary process to this survey, the bearing of same and the measurements of the corner intervals, described in the official record being accepted without change.

The lengths of the N. bdrs. of the N. tier of secs. of T.40 N.,R.8 W., and the points for the N.  $\frac{1}{4}$  sec.cors. thereof are computed from the official record, chaining only the connecting distances between the closing cors. and the standard cors. on which they close, and the computed offset distances between the  $\frac{1}{4}$  sec. cors. To present the survey in proper form, the topographical features and other pertinent data is copied from the official record, computing the stations as required to give such features the proper relation to the governing cors. of this survey.

The closing cor. of Ts.40 N., Rs.7 and 8 W., established in 1916, is a regulation brass-capped iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence

West, on N. bdy. of sec. 1 (S.of sec.31, T.41 N.,R.7 W.)

Over gently rolling land, thru scattering undergrowth. Along a recently constructed barbed wire fence, which extends S. and W. from the above described Tp. closing cor.

13.90 Intersect the standard cor. of Ts.41 N.,Rs.7 and 8 W., which is a regulation brass-capped iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Continue line and measurement ( S.of sec.36, T.41 N.,R.8 W.)

Continue along barbed wire fence, bearing E. and W.

39.91 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N.  $\frac{1}{4}$  sec. cor. of sec.1, with brass cap marked

$\frac{1}{4}$  S1

1939

dig pits  
18x18x12 ins., one each E. and W. of post, 3 ft. dist.

53.90 Intersect the standard  $\frac{1}{4}$  sec. cor. of sec.36, which is a brass-capped iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.

Survey: North Boundary of T. 40 N., R. 8 W.  
( on the 10th Std. Parallel North)

9

Chains	
79.82	<p>Continue line and measurement. Along barbed wire fence, bearing E. and W.</p> <p>Intersect the subdivisional line bet. secs. 1 and 2, surveyed N. 0° 01' W. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, gently rolling. Soil, sandy clay, 2nd rate. Timber, none. Undergrowth, sagebrush and cacti. Good grass.</p>
14.08	<p>From the closing cor. of secs. 1 and 2, West, on N. bdy. of sec. 2 ( S.of sec.36, T.41 N.,R.8 W.)</p> <p>Over gently rolling land, thru scattering undergrowth. Along barbed wire fence, bearing E. and W.</p> <p>Intersect the standard cor. of secs. 35 and 36, T.41 N., R.8 W., which is a brass-capped iron post, 3 ins. in diam., projecting 8 ins. above ground, firmly set, marked and witnessed as described in the official record. This sec. cor. is set alongside a fence cor. from which barbed wire fences extend E. and N.</p> <p>Continue line and measurement ( S.of sec.35,T.41 N.,R.8 W.)</p> <p>39.95 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N. <math>\frac{1}{4}</math> sec. cor. of sec. 2, with brass cap marked</p> <p style="text-align: center;"><u>        </u> <math>\frac{1}{4}</math> S2 1939</p> <p style="text-align: right;">raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, S. of cor.</p> <p>Continue over gently rolling land, thru scattering undergrowth.</p>
54.08	<p>Intersect the standard <math>\frac{1}{4}</math> sec. cor. of sec. 35, which is a brass-capped iron post, 1 in. in diam., projecting 8 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Continue line and measurement.</p>
79.90	<p>Intersect the subdivisional line bet. secs. 2 and 3, surveyed N. 0° 01' W. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, gently rolling. Soil, sandy clay, 2nd rate. Timber, none. Undergrowth, sagebrush, yucca and buckbrush. Good grass.</p>

Survey: North Boundary of T. 40 N., R. 8 W.  
(on the 10 th Std. Parallel North)

Chains	<p>From the closing cor. of secs. 2 and 3, West, on N. bdy. of sec. 3 (S. of sec. 35, T. 41 N., R. 8 W.) Over gently rolling land, thru scattering undergrowth.</p>
14.18	<p>Intersect the standard cor. of secs. 34 and 35, which is a brass-capped iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Continue line and measurement (S. of sec. 34, T. 41 N., R. 8 W.)</p>
21.68	Wash, 10 lks. wide, course SW.
39.97	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N. $\frac{1}{4}$ sec. cor. of sec. 3, with brass cap marked
	<p>— <math>\frac{1}{4}</math> S3 1939</p>
	<p>raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, S. of cor.</p> <p>Continue over gently rolling land, thru scattering undergrowth.</p>
44.18	Ravine, 20 lks. wide, course SW.
44.88	Same ravine, course NW.
54.18	<p>Intersect the standard <math>\frac{1}{4}</math> sec. cor. of sec. 34, which is a brass-capped iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Continue line and measurement.</p>
79.94	<p>Intersect the subdivisional line bet. secs. 3 and 4, surveyed N. <math>0^{\circ}02'</math> W. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, gently rolling. Soil, sandy clay, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush, buckbrush, yucca and cacti. Fair grass.</p>
	<p>From the closing cor. of secs. 3 and 4, West, on N. bdy. of sec. 4 (S. of sec. 34, T. 41 N., R. 8 W.) Over gently rolling land, thru scattering undergrowth.</p>
14.24	<p>Intersect the standard cor. of secs. 33 and 34, T. 41 N., R. 8 W., which is a brass-capped iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Continue line and measurement (S. of sec. 33, T. 41 N., R. 8 W.)</p>
40.05	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N. $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap marked

Survey: North Boundary of T. 40 N., R. 8 W.  
( on the 10th Std. Parallel North)

11

Chains

 $\frac{1}{4}$  S4

1939

raise a mound  
of stone, 2 ft. base, 1½ ft. high, S. of cor.

Continue over gently rolling land, thru scattering undergrowth.

54.24 Intersect the standard  $\frac{1}{4}$  sec. cor. of sec. 33, which is a brass-capped iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Continue line and measurement.

76.94 Wash, 20 lks. wide, course NW.  
Enter very scattering timber.

80.09 Intersect the subdivisional line bet. secs. 4 and 5, surveyed N. 0° 03' W.  
Closing cor. of said secs. established at this point as hereinafter described.

Land, gently rolling.  
Soil, sandy and gravelly clay, 2nd and 3rd rates.  
Timber, juniper.  
Undergrowth, sagebrush, buckbrush and cacti.  
Good grass

From the closing cor. of secs. 4 and 5,

West, on N. bdy. of sec. 5 (S. of sec. 33, T. 41 N., R. 8 W.)

Over gently rolling land, thru very scattering timber and scattering undergrowth.

1.85 Wash, 10 lks. wide, course N.

14.15 Intersect the standard cor. of secs. 32 and 33, T. 41 N., R. 8 W., which is a brass-capped iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.

Continue line and measurement (S. of sec. 32, T. 41 N., R. 8 W.)

21.65 Road, bears NW. and SE. To Hurricane, Utah.

39.85 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N.  $\frac{1}{4}$  sec. cor. of sec. 5, with brass cap marked

 $\frac{1}{4}$  S5

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, S. of cor.

No bearing trees available.

Continue over gently rolling land, thru very scattering timber and scattering undergrowth.

5000 251

12

Survey: North Boundary of T. 40 N., R. 8 W.  
( on the 10th Std. Parallel North)

Chains	
	Asc. slightly over E. slope.
41.15	Low ridge, bears N. and S. Desc. gradually over W. slope.
54.15	Intersect the standard $\frac{1}{4}$ sec. cor. of sec. 32, which is a brass-capped iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.  Continue line and measurement.
62.35	Wash, 10 lks. wide, course NW.
68.05	Wash, course NW.
79.70	Intersect the subdivisional line bet. secs. 5 and 6 surveyed N. $0^{\circ} 03'$ W. Closing cor. of said secs. established at this point as hereinafter described.  Land, gently rolling. Soil, sandy clay loam, 2nd rate. Timber, juniper. Undergrowth, oakbrush, sagebrush and buckbrush. Fair grass.
	From the closing cor. of secs. 5 and 6, West, on N. bdy. of sec. 6 (S. of sec. 32, T. 41 N., R. 8 W.) Over gently rolling land, draining N., thru very scattering timber and scattering undergrowth.
9.65	Wash, 20 lks. wide, 5 ft. banks, course N.
14.45	Intersect the standard cor. of secs. 31 and 32, T. 41 N., R. 8 W., which is a brass-capped iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.  Continue line and measurement (S. of sec. 31, T. 41 N., R. 8 W.)
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for N. $\frac{1}{4}$ sec. cor. of sec. 6, with brass cap marked
	$\frac{1}{4}$ S6 1939
	from which
	A juniper, 6 ins. diam., bears S. $55\frac{1}{2}^{\circ}$ W., 292 lks. dist., marked $\frac{1}{4}$ S6 BT
	No other bearing tree available.
	Continue over gently rolling land, thru very scattering timber and scattering undergrowth.
52.35	Wash, 10 lks. wide, course N.

Survey: North Boundary of T. 40 N., R. 8 W.  
( on the 10th Std. Parallel North)

Chains

54.45 Intersect the standard  $\frac{1}{4}$  sec. cor. of sec. 31, which is a brass-capped iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Continue line and measurement.

62.55 Wash, 15 lks. wide, course N.

70.45 Wash, 25 lks. wide, course N.

74.19 Intersect the closing cor. of Ts. 40 N., Rs. 8 and 9 W., established under this group as hereinbefore described in field notes of survey of West bdy. of T. 40 N., R. 8 W.

Land, gently rolling.

Soil, sandy and gravelly clay, 2nd rate.

Timber, juniper.

Undergrowth, oakbrush, sagebrush, yucca, buckbrush and cacti.

Fair grass.



Survey: Subdivisional lines: T. 40 N., R. 8 W.

14

Chains

Commence the survey of the subdivisional lines of T. 40 N., R. 8 W., at the cor. of secs. 35 and 36 on the S. bdy. of the Tp., established under this group as described in the field notes of survey of East, West and North bdrs. and subdivisional lines of T. 39 N., R. 8 W.

Thence

N. 0° 01' W., bet. secs. 35 and 36.

Over gently rolling land, thru scattering undergrowth.  
Asc. 30 ft. over gradual SW. slope.

19.50 Low divide, bears NW. and SE.  
Desc. gradually over N. slope.

30.00 Desc. gradually over NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline \begin{array}{c|c} S35 & S36 \\ \hline 1939 \end{array} \end{array}$$

of stone, 2½ ft. base, 2 ft. high, W. of cor. raise a mound

Desc. 20 ft. over gradual NW. slope

65.00 Wide draw, course N. 80° W.  
Asc. gradually over SW. slope to sec. cor.

75.00 Drain, 5 lks. wide, 3 ft. deep, course S. 60° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

$$\begin{array}{c} T40N \ R8W \\ \hline \begin{array}{c|c} S26 & S25 \\ \hline S35 & S36 \\ \hline 1939 \end{array} \end{array}$$

of stone, 2½ ft. base, 2 ft. high, W. of cor. raise a mound

Land, gently rolling.

Soil, gravelly clay, 3rd rate.

Timber, none.

Undergrowth, sagebrush and cacti. Fair grass.

East, on random line, bet. secs. 25 and 36.

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

79.98 Intersect E. bdy. of the Tp. 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

Thence

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

Over gently rolling land, thru scattering undergrowth.  
Asc. gradually over NE. slope.

Survey: Subdivisional Lines: T. 40 N., R. 8 W.

Chains	Top of low ridge, brs. SE. and NW. Desc. 20 ft. over gradual SW. slope to
6.00	
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S25 \\ \frac{1}{4} \overline{.S36} \\ 1939 \end{array}$
	raise a mound
	of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Desc. 61 ft. over a gradual SW. slope to sec. cor. Over a series of small drains, draining SW.
58.70	Drain, course SW.
75.00	Drain, course SW.
79.98	The cor. of secs. 25, 26, 35, and 36.
	Land, rolling. Soil, shallow clay with gypsum, 3rd. and 4th. rates: No timber. Undergrowth, sage and cacti. Fair grass.
	N. 0° 01' W., bet. secs. 25 and 26.
	Over rolling land, thru scattering undergrowth.
	Asc. 40 ft. over a gradual SW. slope to $\frac{1}{4}$ sec. cor.
11.20	Drain, course SW.
28.00	Wash, 15 lks. wide, course S. 60° W.
35.80	Navajo Trail, ungraded road, brs. N. 55° E. and S. 73° W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \\ S26   S25 \\ 1939 \end{array}$
	raise a mound
	of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
	Asc. 15 ft. over SW. slope to
48.00	Top of low ridge, brs. SE. and W. Desc. 25 ft. over a gradual NW. slope to sec. cor.
62.80	Drain, course N. 75° W.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked
	$\begin{array}{r} T40N R8W \\ S23   S24 \\ \hline S26   S25 \\ 1939 \end{array}$
	raise a mound
	of stone, 2 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

16.

Chains	
	Land, rolling. Soil, shallow clay, 3rd. rate. No timber. Undergrowth, sage and cacti. Fair grass.
	S. 89° 56' E., on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect E. bdy. of Tp., 5 lks. S. of cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record.
	From cor.,
	N. 89° 58' W., on true line bet. secs. 24 and 25.
	Over gently rolling land, thru scattering undergrowth.
9.70	<del>old</del> Navajo Trail, ungraded road, brs. N. 55° E. and S. 56 $\frac{1}{2}$ ° W.
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	S24 $\frac{1}{4}$ S25 1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Desc. 35 ft. over a gradual NW. slope to
79.96	The cor. of secs. 23, 24, 25, and 26.
	Land, gently rolling. Soil, shallow clay over gypsum, 3rd. rate. No timber. Undergrowth, sage and cacti. Fair grass.
	N. 0° 01' W., bet. secs. 23 and 24.
	Over gently rolling land, thru scattering undergrowth.
	Desc. gradually over a gentle NW. slope.
11.20	Small gulch, course W. Continue over gradual NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	S23   S24 1939
	raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
	Continue slight descent over gradual NW. slope
46.00	Cut bank wash, 15 lks. wide, course N. 70° W. Along a slightly broken W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the cor. of secs. 13, 14, 23, and 24,

Survey: Subdivisional lines: T. 40 N., R. 8 W.

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17.

## Chains

with brass cap marked

T40N R8W

S14 | S13

S23 | S24

1939

Pits impracticable.

Land, gently rolling.

Soil, shallow clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Fair grass.

40.00

S. 89° 58' E., on a random line bet. secs. 13 and 24.

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

79.92

Intersect E. bdy. of Tp. 4 lks. N. of cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record.

From cor.,

N. 89° 56' W., on true line bet. secs. 13 and 24.

Over rolling land, thru scattering undergrowth.

Desc. gradually over slightly broken W. slope.

39.96

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S13}{S24}$$

1939

18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits,

Continue gradual descent over slightly broken W. slope to sec. cor.

43.40

Cut bank wash, 25 lks. wide, 6 ft. deep, course N. 70° W.

55.80

Cut bank wash, 25 lks. wide, 7 ft. deep, course N. 60° W.

79.92

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

Land, rolling.

Soil, shallow clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Fair grass.

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, thru scattering undergrowth.

Asc. gradually along a slightly broken W. slope to  $\frac{1}{4}$  sec. cor.

7.90

Cut bank wash, 15 lks. wide, 6 ft. deep, course S. 80° W.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

18. Survey: Subdivisional lines: T. 40 N., R. 8 W.

Chains	<p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S14 S13</p> <p style="text-align: center;">1939</p> <p>Pits impracticable.</p> <p>Continue along a gradual W. slope.</p> <p>54.30 Wash, 25 lks. wide, 10 ft. deep, course W.</p> <p>63.80 Wash, 30 lks. wide, 10 ft. deep, course W. Ascend slightly over a gentle SW. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked</p> <p style="text-align: center;">T40N R8W</p> <p style="text-align: center;">S11 S12</p> <p style="text-align: center;">S14 S13</p> <p style="text-align: center;">1939</p> <p>Pits impracticable.</p> <p>Land, rolling.</p> <p>Soil, shallow clay, 3rd. rate.</p> <p>No timber.</p> <p>Undergrowth, sage and cacti. Fair grass.</p>
40.00	<p>S. 89° 56' E.; on a random line bet. secs. 12 and 13.</p> <p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.90	<p>Intersect E. bdy. of Tp., 4 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record.</p> <p>From cor.,</p> <p>N. 89° 58' W., on true line bet. secs. 12 and 13.</p> <p>Over gently rolling land, thru scattering undergrowth.</p> <p>From fence corner at cor. of secs. 7, 12, 13, and 18 on E. bdy. of Tp. fence brs. E. and N.</p>
4.00	Shallow draw, course NW.
11.90	Wash, 10 lks. wide, 3 ft. deep, course SW.
39.95	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;">S12</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S13</p> <p style="text-align: center;">1939</p> <p style="text-align: right;">dig pits,</p> <p>18x18x12 ins., E. and W. of post, 3 ft. dist.</p> <p>Desc. slightly over a gradual SW. slope to sec. cor.</p>
46.70	Wash, 30 lks. wide, 8 ft. deep, course SW.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

19.

Chains

52.80

Wash, 35 lks. wide, 8 ft. deep, course SW.

79.90

The cor. of secs. 11, 12, 13, and 14.

Land, gently rolling.

Soil, shallow clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Fair grass.

40.00

N.0° 01' W., bet. secs. 11 and 12.

Over gently rolling land, thru very scattering undergrowth.

Asc. slightly over a gradual SW. slope.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4}$$

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

1939

Pits impracticable.

Slope changes to a slight SE. slope. Asc. slightly.

46.40

Ungraded road, brs. S. 65 $\frac{3}{4}$ ° E. and N. 70 $\frac{1}{4}$ ° W.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked

T40N R8W

S2		S1
----	--	----

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

1939

Pits impracticable.

Land, gently rolling.

Soil, shallow clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Fair grass.

40.00

S. 89° 58' E., on a random line, bet. secs. 1 and 12.

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

79.88

Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record.

From cor.,

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

Over gently rolling land, thru very scattering undergrowth.

From cor. barb wire fence bears E., N., and S.

Asc. slightly over general SE. slope.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

20.

<p>Chains 39.94</p>	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;">S1 <u>4</u> S12 1939</p>
<p>79.88</p>	<p style="text-align: right;">dig pits,</p> <p>18x18x12 ins., E. and W. of post, 3 ft. dist.</p> <p>Continue over a rolling SE. slope. Asc. slightly.</p> <p>The cor. of secs. 1, 2, 11, and 12.</p> <p>Land, gently rolling. Soil, shallow clay, 3rd. rate. No timber. Undergrowth, sage and cacti. Fair grass.</p>
<p>40.00</p>	<p>N. 0° 01' W., bet. secs. 1 and 2.</p> <p>Over rolling land, thru scattering undergrowth.</p> <p>Asc. 46 ft. over a general SE. slope.</p>
<p>76.08</p>	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S2 S1 1939</p> <p>Pits impracticable.</p> <p>Asc. 40 ft. over rolling SE. slope.</p>
	<p>Intersect the Tenth Standard Parallel North.</p> <p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the closing cor. of secs. 1 and 2, with brass cap marked</p> <p style="text-align: center;">T41N R8W S36 <u>S2 S1</u> CO T40N R8W 1939</p> <p>Pits impracticable.</p> <p>The standard cor. of secs. 35 and 36, T. 41 N., R. 8 W., brs. West, 14.08 chs. dist., and the standard <math>\frac{1}{4}</math> sec. cor. of sec. 36 brs. East, 25.92 chs. dist., both set, marked, and witnessed as described in the official record.</p> <p>Land, rolling. Soil, shallow clay, 3rd. rate. No timber. Undergrowth, sage and cacti. Fair grass.</p> <p>From the cor. of secs. 34 and 35 only, on the S. bdy. of</p>

Survey: Subdivisional lines: T. 40 N., R. 8 W.

Chains the Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the field notes of T.39N, R.8W., surveyed under this group.

N. 0° 01' W., bet. secs. 34 and 35.

Over gently rolling land, thru scattering undergrowth.

Desc. 36 ft. over a gradual NE. slope.

23.60 Wash, 10 lks. wide, 2 ft. deep, course NW. Desc. slightly over nearly level land.

40.00 set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

1/4

S34|S35

1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Desc. 12 ft. over nearly level land.

79.90 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. to cor. of secs. 26, 27, 34, and 35, with brass cap marked

WC

T40N R8W

S27|S26

S34|S35

1939

raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

80.00 True point for the cor. of secs. 26, 27, 34, and 35 falls in cut bank wash, 10 lks. wide, 6 ft. deep, course S.80°W., from S. 80° E., where it is impracticable to monument the cor., therefore establish witness cor. on line at 10 lks. S.0°01'E. Land, gently rolling and nearly level. Soil, sandy clay and gypsum, 3rd rate. No timber. Undergrowth, sage and cacti. Good grass.

East, on a random line, bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 5 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence

N. 89° 58' W., on true line, bet. secs. 26 and 35.

Over gently rolling land, thru scattering undergrowth.

Desc. 45 ft. over a gradual SW. slope.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S26

1/4 S35

1939



Survey: Subdivisional lines: T. 40 N., R. 8 W.

22.

Chains	<p>... raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Desc. 24 ft. over nearly level land.</p>
80.02	<p>The true point for the cor. of secs. 26, 27, 34, and 35. Land, gently rolling. Soil, sandy clay, 3rd. rate. No timber. Undergrowth, sage and cacti. Good grass.</p>
<p>From true point for cor. of secs. 26, 27, 34 and 35, N. 0° 01' W., bet. secs. 26 and 27.</p>	
<p>Over gently rolling land, thru low, scattering undergrowth.</p>	
<p>Over level land.</p>	
0.30	<p>Wash, 10 lks. wide, 5 ft. deep, course W. Asc. 24 ft. over a gradual S. slope.</p>
8.80	<p><i>old</i> Navajo Trail, ungraded road, brs. N. 68<math>\frac{3}{4}</math>° E. and S. 68° W.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>
<p style="text-align: center;">S27 S26 1939</p>	
<p style="text-align: right;">raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 2 ft. high, W. of cor.</p>	
<p>Asc. 12 ft. over gradual S. slope.</p>	
50.00	<p>Top of low ridge, brs. E. and W. Desc. 18 ft. over gradual NW. slope.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 22, 23, 26, and 27, with brass cap marked</p>
<p style="text-align: center;">T40N R8W S22 S23 S27 S26 1939</p>	
<p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>	
<p>Land, gently rolling. Soil, sandy clay and gypsum, 3rd. rate. No timber. Undergrowth, sage and cacti. Good grass.</p>	
<p>S. 89° 58' E., on a random line, bet. secs. 23 and 26.</p>	
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.04	<p>Intersect the cor. of secs. 23, 24, 25, and 26. Thence N. 89° 58' W., on true line, bet. secs. 23 and 26. Over gently rolling land, thru low scattering undergrowth.</p>

Survey: Subdivisional lines: T. 40 N., R. 8 W.

Chains	Desc. 45 ft. over a gradual NW. slope to $\frac{1}{4}$ sec. cor.
30.00	Wash, course NW.
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	S23
	$\frac{1}{4}$ S26
	1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Continue over a gradual NW. slope: Desc. 45 ft.
80.04	The cor. of secs. 22, 23, 26, and 27.
	Land, gently rolling.
	Soil, sandy clay, 3rd rate.
	No timber.
	Undergrowth, sage and cacti. Good grass.
	N. 0° 01' W., bet. secs. 22 and 23.
	Over gently rolling land, thru low, scattering undergrowth.
	Desc. 22 ft. over a gradual NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S22   S23
	1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Desc. slightly over gradual NW. slope.
50.00	Clay wash, 10 lks. wide, 2 ft. deep, course NW. Over level land.
57.60	Clay wash, 20 lks. wide, 4 ft. deep, course N. 70° W. Asc. 20 ft. over slight SW. slope.
75.00	Base of low, red detached spur, br's. SE. and NW. Asc. 16 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, over a cross (+) on bedrock, and in a mound of stone to top, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked
	T40N R8W
	S15   S14
	S22   S23
	1939
	Land, gently rolling.
	Soil, sandy clay and gypsum, 3rd. rate.
	No timber.
	Undergrowth, sage and cacti. Good grass.
	S. 89° 58' E., on a random line, bet. secs. 14 and 23.

Survey: Subdivisional Lines: T. 40 N., R. 8 W.

24.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect the cor. of secs. 13, 14, 23, and 24.
	Thence
	N. $89^{\circ} 58'$ W., on true line, bet. secs. 14 and 23.
	Over gently rolling land, thru low scattering undergrowth.
	Desc. 6 ft. over a gradual W. slope.
13.00	Cut bank clay wash, 8 lks. wide, 8 ft. deep, course NW. for approx. 2 chs. thence W. Desc. 18 ft. over a gradual NW. slope.
35.30	Cut bank clay wash, 30 lks. wide, 8 ft. deep, course SW. Asc. 14 ft. over slight SE. slope.
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S14
	$\frac{1}{4}$ S23
	1939
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Asc. 6 ft. over a gradual SE. slope.
50.00	Base of low, red detached spur, brs. N. $60^{\circ}$ E. and S. $70^{\circ}$ W. Asc. SE. slope 15 ft.
57.50	Top of spur, slopes W., from NE. Asc. 8 ft. along top of spur.
73.00	Leave top of spur, slopes NW., from E. Desc. SW. slope 14 ft. to
80.02	The cor. of secs. 14, 15, 22, and 23.
	Land, gently rolling and rolling.
	Soil, sandy clay; 3rd. rate.
	No timber.
	Undergrowth, sage and cacti. Good grass.
	N. $0^{\circ} 01'$ W., bet. secs. 14 and 15.
	Over gently rolling land, thru low, scattering undergrowth.
	Asc. 10 ft. over SW. slope.
23.00	Top of wide, flat spur, slopes W. from SE. Desc. 16 ft. over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S15 S14
	1939
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Desc. 27 ft. over a gradual NW. slope.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257

25.

Chains

47.90

Center of cut bank clay wash, 90 lks. wide, 12 ft. deep, course S. 70° W. Asc. gradual S. slope 51 ft. to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked

T40N R8W

S10 | S11

S15 | S14

1939

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling.

Soil, sandy clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Good grass.

40.00

S. 89° 58' E., on a random line, bet. secs. 11 and 14.

Set temp. ¼ sec. cor.

80.00

Intersect the N. and S. line 3 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence

N. 89° 57' W., on true line, bet. secs. 11 and 14.

Over nearly level land, thru very scattering low undergrowth.

Desc. 3 ft. along a slight SW. slope to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S11

¼ S14

1939

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Desc. 10 ft. along a slight S. slope.

61.65

Corner of barb wire fence bears North, 2.90 chs. dist. From fence cor. fence brs. North and S. 87¼° W.

80.00

The cor. of secs. 10, 11, 14, and 15.

Land, nearly level.

Soil, sandy clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Good grass.

N. 0° 01' W., bet. secs. 10 and 11.

Over gently rolling land, thru low scattering undergrowth.

Asc. 14 ft. over a gradual S. slope.

2.05

Ungraded road, brs. N. 87½° E. and S. 87½° W.

2.20

Barb wire fence (6 wire) bears N. 87¼° E. and S. 87¼° W.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

26.

Chains

17.90 Top of low flat ridge, brs. NE. and SW. Desc. 8 ft. over a gradual NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S10|S11

1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Continue over gradual NW. slope. Desc. 12 ft.

50.00 Slope changes to rolling W. slope. Asc. 18 ft.

61.40 Ungraded road, brs. S. 70° E. and N. 70° W.

67.15 Barb wire fence (6 wire) brs. S. 76 1/2° E. and N. 76 1/2° W.

75.00 Slope changes to NW. slope. Desc. 5 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked

T40N R8W

S3|S2

S10|S11

1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, gently rolling.

Soil, sandy clay, 3rd. rate.

No timber.

Undergrowth, sage and cacti. Good grass.

S. 89° 57' E., on a random line, bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect the N. and S. line 5 lks. N. of the cor. of secs. 1, 2, 11, and 12.

Thence N. 89° 55' W., on true line, bet. secs. 2 and 11.

Over gently rolling land, thru low, scattering undergrowth.

Asc. 13 ft. over a slight SE. slope to

30.00 Top of low, flat ridge, brs. N. 20° E. and SW. Desc. 3 ft. over a slight NW. slope to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and a mound of stone to top, for 1/4 sec. cor., with brass cap marked

S2  
+ S11

1939

Desc. 42 ft. over a rolling NW. slope.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257 27.

Chains

77.00 Corner of barb wire fence brs. S.  $41\frac{1}{2}^\circ$  E. From fence cor. fence brs. S. and N.  $76\frac{1}{2}^\circ$  W.

79.98 The cor. of secs. 2, 3, 10, and 11.

Land, gently rolling.  
Soil, sandy clay, 3rd. rate.  
No timber.  
Undergrowth, sage and cacti. Good grass.

N.  $0^\circ 01'$  W., bet. secs. 2 and 3.

Over gently rolling land, thru low, scattering undergrowth.

Desc. 35 ft. over a gradual NW. slope to

38.50 Clay wash, 8 lks. wide, 2 ft. deep, course NW. **Thence over nearly level land.**

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

$\frac{1}{4}$

Level ... S3 | S2

1939

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. raise a mound

Asc. 10 ft. over nearly level land.

76.02 Intersect the Tenth Standard Parallel North.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the closing cor. of secs. 2 and 3, with brass cap marked

T41N R8W

S35

S3 | S2

T40N R8W

CC

1939

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor. raise a mound

The standard cor. of secs. 34 and 35, T. 41 N., R. 8 W., brs. West, 14.18 chs. dist., and the standard  $\frac{1}{4}$  sec. cor. of sec. 35 brs. East, 25.82 chs. dist., both set, marked, and witnessed as described in the official record.

Land, gently rolling and nearly level.  
Soil, sandy clay, 3rd. rate.  
No timber.  
Undergrowth, sage and cacti. Good grass.

From the cor. of secs. 33 and 34 only, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the field notes of T. 39 N., R. 8 W., surveyed under this group.

N.  $0^\circ 02'$  W., bet. secs. 33 and 34.

Over rolling land, thru scattering undergrowth.

28. Survey: Subdivisional lines: T. 40 N., R. 8 W.

Chains	Desc.
	Desc. over a gradual NE. slope to
33.20	Drain in wide draw, course N. 75° W. Over nearly level land. Along a slight W. slope.
37.10	Draw, course W. Continue along slight W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S33 S34 1939
	raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
	Continue over nearly level land, along slight W. slope.
46.20	<i>old</i> Navajo Trail, ungraded road, brs. N. 77 $\frac{1}{2}$ ° E. and S. 77 $\frac{1}{2}$ ° W.
67.00	Leave nearly level land, brs. N. 25° W. and S. 25° E. Asc. 80 ft. over SW. slope to
70.90	Top of rim, brs. N. 25° W. and S. 25° E. Over level top of spur, slopes S. 20° E. from N.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, over cross (+) on bedrock, and in a mound of stone to top, for the cor. of secs. 27, 28, 33, and 34, with brass cap marked
	T40N R8W S28 S27 S33 S34 1939
	Land, rolling. Soil, sandy to rocky clay, 3rd. and 4th. rates. No timber. Undergrowth, sage and cacti. Fair grass.
	East, on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect the N. and S. line 9 lks. N. of true point for cor. of secs. 26, 27, 34, and 35.
	Thence
	N. 89° 56' W., on true line, bet. secs. 27 and 34.
	Over nearly level land, thru low, scattering undergrowth.
5.70	Cut bank wash, 12 lks. wide, 8 ft. deep, course S. 70° W. Along a gradual S. slope.
21.90	<i>old</i> Navajo Trail, ungraded road, brs. N. 68° E. and S. 63 $\frac{1}{4}$ ° W.
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S27 S34 1939

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257 29.

Chains

raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, N. of cor.

Continue along a gradual S. slope.

46.40 Drain, in draw, course S. 20° E. Asc. 45 ft. over an E. slope to

63.70 Top of broken spur, slopes S. Desc. 60 ft. over a W. slope to

69.00 Small gulch, course S. 10° W. Asc. E. slope 55 ft. to

79.92 The cor. of secs. 27, 28, 33, and 34.

Land, level and rolling.  
Soil, sandy to rocky clay, 3rd. and 4th. rates.  
No timber.  
Undergrowth, sage and cacti. Fair grass.

N. 0° 02' W., bet. secs. 27 and 28.

Over rolling land, thru low, scattering undergrowth.  
Asc. gradually on top of spur, sloping S.

5.00 Leave top of spur, sloping S., from NE. Desc. 35 ft. over NW. slope.

29.20 Drain, in wide draw, course NW. Asc. slightly along a W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

1/4

S28 | S27

1939

raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.

Asc. 35 ft. along a broken W. slope.

49.50 Top of bluff, 35 ft. high, faces SW., brs. SE. and N. 15° W. Over level top.

53.00 Top of same bluff, brs. NE. and SW. Along broken W. slope.

56.20 Top of same bluff, 20 ft. high, brs. NW. and SE. Over level top.

59.60 Top of same bluff, 20 ft. high, brs. NE. and SW. Desc. 50 ft. over NW. slope to sec. cor.

78.50 Top of white knoll, 15 ft. high, 1.50 chs. in diam.

80.00 Set an iron post, 3 ft. long, 2 1/2 ins. in diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T40N R8W

S21 | S22

S28 | S27

1939

raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, W. of cor.

Land, rolling and broken.  
Soil, sandy to rocky clay, 3rd. and 4th. rates.



Survey: Subdivisional lines: T. 40 N., R. 8 W.

30.

Chains	
	No timber. Undergrowth, sage and cacti. Fair grass.
	S. 89° 56' E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect the N. and S. line 5 lks. S. of the cor. of secs. 22, 23, 26, and 27.
	Thence
	N. 89° 58' W., on true line, bet. secs. 22 and 27.
	Over rolling land, thru low, scattering undergrowth.
	Desc. gradually over a gentle NW. slope.
34.30	Drain in wide draw, course N. 25° W. Continue descent over gradual NW. slope.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	S22 $\frac{1}{4}$ S27 1939
	raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
	Descend gradually over a slightly broken NW. slope
79.94	The cor. of secs. 21, 22, 27, and 28.
	Land, rolling and slightly broken. Soil, shallow clay, 3rd. and 4th. rates. No timber. Undergrowth, sage and cacti. Fair grass.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling land, thru low, scattering undergrowth.
	Desc. gradually over NW. slope.
18.00	Top of rocky knoll, 30 ft. high, approximately 3 chs. in diam. Desc. gradually over slightly broken NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S21   S22 1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Continue descent over a gradual NE. slope to
69.50	Cut bank wash, 100 lks. wide, 8 ft. deep, course S. 80° W. Asc. gradual S. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the cor. of secs. 15, 16, 21, and 22, with

Survey: Subdivisional lines: T. 40 N., R. 8 W.

31.

BOOK 4257

Chains

brass cap marked

T40N R8W  
 S16|S15  
 S21|S22  
 1939

Pits impracticable.

Land, rolling.  
 Soil, shallow clay, 3rd. rate.  
 No timber.  
 Undergrowth, sage and cacti. Fair grass.

S. 89° 58' E., on a random line, bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

79.98 Intersect the N. and S. line 2 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence

N. 89° 57' W., on true line, bet. secs. 15 and 22.

Over rolling land, thru low, scattering undergrowth.

Desc. 40 ft. over a SW. slope to

15.00 Base of low, red detached spur, brs. SE. and NW. Over gently rolling SW. slope. Desc. gradually.

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the ¼ sec. cor., with brass cap marked

S15  
 ¼ S22  
 1939

Pits impracticable.

Continue descent over gradual SW. slope to

58.20 Cut bank wash, 60 lks. wide, 12 ft. deep, course S. 60° W. Asc. slightly along a gradual S. slope to sec. cor.

66.00 Drain, course S.

79.98 The cor. of secs. 15, 16, 21, and 22.

Land, rolling.  
 Soil, shallow clay, 3rd. rate.  
 No timber.  
 Undergrowth, sage and cacti. Fair grass.

N. 0° 02' W., bet. secs. 15 and 16.

Over gently rolling land, thru low, scattering undergrowth.

Asc. over a gradual S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the ¼ sec. cor., with brass cap marked

Survey: Subdivisional lines: T. 40 N., R. 8 W.

32.

Chains		Chain No.
	<p style="text-align: center;">S16 S15</p> <p style="text-align: center;">1939</p> <p>Pits impracticable.</p> <p>Continue over slight S. slope.</p>	
45.60	Dim road, brs. E. and W. Top of wide, flat spur, slopes SW. Asc. slightly over a gradual W. slope.	X
79.60	Ungraded road, brs. N. 73° E. and W.	
80.00	<p>Top of broad, flat ridge, brs. E. and W.</p> <p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base, for the cor. of secs. 9, 10, 15, and 16, with brass cap marked</p> <p style="text-align: center;">T40N R8W</p> <p style="text-align: center;">S9 S10</p> <p style="text-align: center;">S16 S15</p> <p style="text-align: center;">1939</p> <p>Pits impracticable.</p> <p>Land, rolling.</p> <p>Soil, sandy clay, 3rd. rate.</p> <p>No timber.</p> <p>Undergrowth, sage and cacti. Fair grass.</p>	
40.00	S. 89° 57' E., on a random line, bet. secs. 10 and 15. Set temp. 1/4 sec. cor.	
80.04	Intersect the cor. of secs. 10, 11, 14, and 15. Thence	
	N. 89° 57' W., on true line, bet. secs. 10 and 15. Over gently rolling land, thru low, scattering undergrowth.	
40.02	Asc. slightly over a gradual S. slope.	
	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked	
	S10	
	4 S15	
	1939	
	18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits,	
	Continue along a slight S. slope.	
47.05	Ungraded road, brs. N. 88° E. and S. 88° W.	
56.15	Barb wire fence (7 wire) bears N. 87 1/2° E. and S. 87 1/2° W.	
62.15	Same fence, brs. N. and S., 24 lks. to fence cor., thence N. 87 1/2° E.	
62.85	Same road, brs. S. 54° E. and N. 54° W.	
75.00	Top of broad, flat ridge, brs. N. 60° E. and W. Over	

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257

33.

Chains

- 78.75 Same road, brs. N. 73° E. and S. 73° W.
- 80.04 The cor. of secs. 9, 10, 15, and 16.
- Land, gently rolling.
- Soil, sandy clay, 3rd. rate.
- No timber.
- Undergrowth, sage and cacti. Fair grass.
- N. 0° 02' W., bet. secs. 9 and 10.
- Over rolling land, thru low, scattering undergrowth.
- Desc. 90 ft. over a NW. slope.
- 14.60 Dim. road, brs. SE. and NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the 1/4 sec. cor., with brass cap marked
- S9|S10  
1939
- Pits impracticable.
- 87 Continue over a gradual NW. slope.
- 57.90 Small gulch, course N. 70° W. Along a gradual W. slope to sec. cor.
- 72.30 Dim road, brs. E. and NW.
- 73.00 Cut bank wash, 12 lks. wide, 10 ft. deep, course N. 60° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the cor. of secs. 3, 4, 9, and 10, with brass cap marked

T40N R8W

S4|S3

S9|S10

1939

Pits impracticable.

Land, rolling and gently rolling.  
 Soil, sandy clay, 3rd. rate.  
 No timber.  
 Undergrowth, sage and cacti. Fair grass.

S. 89° 57' E.; on a random line, bet. secs. 3 and 10.

- 40.00 Set temp. 1/4 sec. cor.
- 80.02 Intersect the cor. of secs. 2, 3, 10, and 11.
- Thence
- N. 89° 57' W., on true line, bet. secs. 3 and 10.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

34.

Chains	
	Over rolling land, thru low, scattering undergrowth. Desc. 65 ft. over a NW. slope.
36.70	Barb wire fence (6 wire) bears S. 70° E. and N. 70° W.
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S3}{4 \quad S10}$ 1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Desc. 40 ft. over a gradual W. slope.
43.50	Joseph Atkins' cabin bears North, 1.56 chs. dist.
46.00	Spring (water has high gypsum content) bears North, 2.20 chs. dist.
49.30	East side of corral, brs. N., approx. 1.00 chain, and S., approx. 2.00 chs.
51.50	West side of same corral, brs. N., approx. 1.00 chain and S., approx. 2.00 chs.
53.50	Gulch, 15 lks. wide, course S. 70° W. Desc. slightly over W. slope.
58.35	Barb wire fence (6 wire) bears N. 78° E. and S. 78° W.
61.70	Corner of barb wire fence, brs. S., 25 lks. dist. From cor. of fence, fence brs. S. and N. 78° E.
80.02	The cor. of secs. 3, 4, 9, and 10. Land, rolling. Soil, sandy to stoney clay, 3rd. rate. No timber. Undergrowth, sage and cacti. Fair grass.
	N. 0° 02' W., bet. secs. 3 and 4. Over rolling land, thru low scattering undergrowth. Along a gradual W. slope to $\frac{1}{4}$ sec. cor.
1.90	Wash, 15 lks. wide, course W.
4.20	Wash, 25 lks. wide, course W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $S4 S3$ 1939
	Pits impracticable. Continue along a gradual rolling W. slope to sec. cor.
50.60	Wash, 20 lks. wide, 10 ft. deep, course W.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257 35.

Chains	
69.60	Wash, 10 lks. wide, 8 ft. deep, course W.
75.97	Intersect the Tenth Standard Parallel North.
	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, with broken glass bottle deposited at base of post, for the closing cor. of secs. 3 and 4, with brass cap marked
	<p style="text-align: center;">T41N R8W S34 S4 S3 CC T40N R8W 1939</p>
	<p>Rits impracticable.</p> <p>The standard cor. of secs. 33 and 34, T. 41 N., R. 8 W., brs. West, 14.24 chs. dist., and the standard <math>\frac{1}{4}</math> sec. cor. of sec. 34 brs. East, 25.76 chs. dist., both set, marked, and witnessed as described in the official record.</p>
	<p>Land, rolling.</p> <p>Soil, sandy clay, 3rd. rate.</p> <p>No timber.</p> <p>Undergrowth, sage and cacti. Fair grass</p>
	<p>From the cor. of secs. 32 and 33, only, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the field notes of T. 39 N., R. 8 W., surveyed under this group.</p>
	<p>N. 0° 03' W., bet. secs. 32 and 33.</p>
	<p>Over gently rolling land, thru low scattering undergrowth.</p> <p>Asc. slightly over a gradual SE. slope.</p>
	<p>From the sec. cor. on the S. bdy. the SW. cor. of a corral (approx. 3 chs. E. to SE. cor. and 3 chs. N. to NW. cor.) from SW. cor. of corral) bears N. 54° E. ve</p>
5:00	<p>Top of low spur, sloping NE, and head of spur sloping NW. SW top of same corral brs. N. 81<math>\frac{1}{2}</math>° E. Desc. 34 ft. over gradual N. slope.</p>
5.00	<p>SW. cor. of same corral brs. N. 81<math>\frac{1}{2}</math>° E.</p>
14.70	<p>old Navajo Trail, ungraded road, brs. N. 88<math>\frac{1}{4}</math>° E. and S. 88<math>\frac{1}{4}</math>° W.</p>
16.50	<p>Clay wash, 10 lks. wide, course NW., from E. Asc. SW. slope 11 ft. to</p>
19.00	<p>Top of low spur, slopes NW. Desc. N. slope 32 ft. to</p>
29.00	<p>Clay wash, 10 lks. wide, 4 ft. deep, course N. 70° W. Asc. 15 ft. over gently rolling land.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>
	<p style="text-align: center;">S32 S33 1939 raise a mound</p>

Survey: Subdivisional lines: T. 40 N., R. 8 W.

36.

Chains

of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Over nearly level land. Desc. 5 ft. to sec. cor.

62.10 Cut bank clay wash, 40 lks. wide, 14 ft. deep, course W.

69.00 Cut bank clay wash, 15 lks. wide, 10 ft. deep, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 28, 29, 32, and 33, with brass cap marked

T40N R8W

S29 | S28

S32 | S33

1939

raise a mound

of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, gently rolling.

Soil, sandy to rocky clay, 3rd. and 4th. rates.

No timber.

Undergrowth, sage and rabbit brush. Good grass.

East, on a random line, bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect the N. and S. line 14 lks. N. of the cor. of secs. 27, 28, 33, and 34.

Thence

N. 89° 54' W., on true line, bet. secs. 28 and 33.

Over level top of spur, slopes S., thru low scattering undergrowth.

1.90 Top of rim, brs. N. 15° W. and S. 15° E., faces W. Desc. 79 ft. over a steep W. slope to

4.10 Base of rim, brs. N. 15° W. and S. 15° E. Desc. 31 ft. over slight W. slope to

40.06M Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S28

¼ S33

1939

raise a mound

of stone, 2 ft. base, 1½ ft. high, N. of cor.

Over nearly level land. Desc. 24 ft. to sec. cor.

45.70 Rock capped conical knoll, 125 ft. high, base approx. 8 chs. diam., brs. N. 46¼° E.

45.80 Dim road, brs. SE. and NW.

80.12 Same knoll bears N. 74° E.

80.12 The cor. of secs. 28, 29, 32, and 33.

Land, slightly broken and gently rolling.

Soil, sandy to rocky clay, 3rd. and 4th. rates.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257 . 37.

Chains

No timber.  
Undergrowth, sage and rabbit brush, Good grass.

N: 0° 03' W.; bet. secs. 28 and 29.  
Over gently rolling land, thru low scattering undergrowth.

Asc. 34 ft. to 1/4 sec. cor.

20.85 Dim road, brs. SE. and NW.

28.70 Cut bank clay wash, 20 lks. wide, 4 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S29|S28

1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Asc. 28 ft. over a gradual S. slope to

57.00 Base of steep ascent, brs. S. 40° E. and W. Asc. 80 ft. over steep S. slope to

59.00 Top of rim, brs. S. 40° E. and W. approx. 6 chs., thence SW. Over gently rolling top of mesa. Desc. 10 ft.

75.40 Top of rim, brs. E. and W. Desc. steep N. slope 82 ft.

77.40 Base of steep descent, brs. E. and W. Over a slight NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 20, 21, 28, and 29, with brass cap marked

T40N R8W

S20|S21

S29|S28

1939

raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.

Land, gently rolling and slightly broken, Soil, sandy to rocky clay, 3rd. and 4th. rates.

No timber. Undergrowth, sage and rabbit brush. Good grass.

S. 89° 54' E., on a random line, bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. corner

80.06 Intersect the N. and S. line 7 lks. N. of the cor. of secs. 21, 22, 27, and 28.

Thence

N. 89° 51' W., on true line, bet. secs. 21 and 28

Over rolling land, thru low scattering undergrowth.

Desc. 6 ft. over a slight NW. slope to



Survey: Subdivisional lines: T. 40 N., R. 8 W.

38.

Chains	
4.65	Wash, 20 lks. wide, course N. Asc. 35 ft. over gently rolling top of mesa to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground over a cross (+) on bedrock, and in a mound of stone to top, for the 1/4 sec. cor., with brass cap marked
	S21 1/4 S28 1939
	Continue over rolling top of mesa. Asc. 7 ft.
51.65	Rim of mesa, brs. S. 15° E. and N. 15° W. Desc. 38 ft. over SW. slope to
52.55	Base of rim, brs. S. 15° E. and N. 15° W. Desc. 30 ft. over gradual NW. slope to sec. cor.
65.00	Wide shallow draw, course NW.
80.06	The cor. of secs. 20, 21, 28, and 29. Land, gently rolling. Soil, sandy and rocky clay, 3rd. and 4th. rates. No timber. Undergrowth, sage. Good grass.
	N. 0° 03' W., bet. secs. 20 and 21.
	Over nearly level land, thru low scattering undergrowth. Desc. 26 ft. over a slight NW. slope to 1/4 sec. cor.
13.00	Wide shallow draw, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked
	W 1/2 COR 1/4 S20   S21 1939
	raise a mound of stone, 2 ft. base, 1 1/2 ft. high, SW. of cor.
	Asc. 16 ft. over nearly level land to top
67.00	Leave level land, brs. S. 35° E. and N. 35° W. Asc. 40 ft. over SW. slope to
70.00	Top of rim, brs. N. 35° W. and S. 35° E. for approx. 8 chs., thence S. Over level top of mesa.
71.70	Cabin bears N. 46 1/4° W. Windmill on E. side of small earth tank bears N. 48 1/2° W.
72.20	Top of rim, brs. E. and W. Desc. steep N. slope 69 ft. to
75.00	Base of steep descent, brs. E. and W. Over level land.
79.70	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for witness cor. of secs. 16, 17, 20, and 21, with brass cap marked

Survey: Subdivisional: T. 40 N., R. 8 W.

BOOK 4257-03 39.

Chains

WC  
T40N R8W

177.816  
320 | 321

1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 True point for the cor. of secs. 16, 17, 20, and 21 falls in bottom of cut bank clay wash, 90 lks. wide, 15 ft. deep, course N. 70° W., from E. where it is impracticable to monument the cor., therefore establish witness cor. on line 30 lks. S. 0° 03' E.

Land, nearly level and broken. Soil, sandy clay and limestone, 3rd. and 4th. rates. No timber. Undergrowth, sage and rabbit brush. Good grass.

From true point for cor. of secs. 16, 17, 20 and 21, S. 89° 51' E., on a random line, bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor. on a random line, bet. secs. 16 and 21.

80.06 Intersect the N. and S. line 2 lks. S. of the cor. of secs. 15, 16, 21, and 22.

Thence N. 89° 52' W., on true line, bet. secs. 16 and 21.

Over gently rolling land, thru low scattering undergrowth. Along a gradual S. slope.

9.00 Slope changes to a gradual W. slope. Desc. 50 ft.

39.00 Wash, 90 lks. wide, 6 ft. deep, course NW. Asc. 7 ft. over rolling land.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) on bedrock, and in a mound of stone to top, for the 1/4 sec. cor., with brass cap marked

16  
4  
321  
1939

Asc. 35 ft. over rolling top of mesa land.

61.50 Rim of mesa, brs. SW. and NE. approx. 3 chs., thence E. Desc. steep NW. slope 40 ft. to

62.00 Base of steep descent, brs. NE. and SW. Over gently rolling land. Desc. 15 ft.

71.00 Same wash, 90 lks. wide, 12 ft. deep, course W., from N. 60° E. Desc. gradually along bottom of wash to

80.06 The true point for the cor. of secs. 16, 17, 20, and 21.

Land, gently rolling and broken. Soil, sandy clay and limestone, 3rd. and 4th. rates. No timber. Undergrowth, sage and rabbit brush. Good grass.

From true point for cor. of secs. 16, 17, 20 and 21, N. 0° 03' W., bet. secs. 16 and 17.

Over gently rolling land, thru low scattering undergrowth.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

40.

Chains	Ascend 15 ft.
6.20	Base of steep ascent, brs. S. 80° E. and N. 25° W. Asc. 57 ft. over SW. slope to
9.70	Top of rim, brs. S. 80° E. and N. 25° W. for approx. 10 chs., thence N. 75° W. for approx. 53 chs. to end of rim. Over gently rolling mesa land. Desc. 24 ft.
31.00	Shallow draw, course SE. Asc. 10 ft. over a slight S. slope to $\frac{1}{4}$ sec. cor.
32.00	Ungraded road, brs. E and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S17 S16
	1939
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Continue over slight S. slope. Asc. 38 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 8, 9, 15, and 17, with brass cap marked
	T40N R8W S8 S9 S17 S16 1939
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
	Land, gently rolling. Soil, sandy clay, 3rd. rate. No timber. Undergrowth, sage and rabbit brush. Good grass.
	S. 89° 52' E., on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect the N. and S. line 4 lks. N. of the cor. of sec's. 9, 10, 15, and 16.
	Thence
	N. 89° 50' W., on true line, bet. secs. 9 and 16.
	Over gently rolling land, thru low scattering undergrowth.
	Desc. 19 ft. over top of wide, flat ridge, bearing E. and W.
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S9 S16 1939
	Continue over top of flat ridge. Desc. 11 ft.
57.20	Ungraded road, brs. S. 73° E. and N. 71 $\frac{1}{2}$ ° W.

Survey: Subdivisional Lines: T. 40 N., R. 8 W.

BOOK 4257

41.

Chains

60.00 Leave top of flat ridge, brs. E. and NW. Desc. 12 ft. along a slight S. slope to

80.04 The cor. of secs. 8, 9, 16, and 17.

Land, gently rolling.  
Soil, sandy clay, 3rd. rate.  
No timber.  
Undergrowth, sage, rabbit brush, and cacti. Good grass.

N. 0° 03' W., bet. secs. 8 and 9.

Over gently rolling land, thru low scattering undergrowth.

Asc. 8 ft. over a gradual S. slope to

7.60 Ungraded road on top of flat ridge, brs. S. 71½° E. and N. 72½° W. Desc. 63 ft. over a slightly broken N. slope.

17.00 Enter scattering timber, brs. E., approx. 5 chs., and NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked

¼

S8|S9

1939

from which

A juniper, 14 ins. diam., brs. N. 62¼° W., 55 lks. dist., mkd. ¼ S8 BT.

No other tree available.

Desc. 8 ft. over N. slope to

41.90 Head of draw, course NW. Asc. gradual SW. slope 8 ft.

48.20 Top of low spur, slopes NW. Desc. 45 ft. over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 4, 5, 8, and 9, with brass cap marked

T40N R8W

S5|S4

S8|S9

1939

from which

A juniper, 7 ins. in diam., brs. N. 44° E., 217 lks. dist., mkd. T40N R8W S4 BT.

A juniper, 6 ins. diam., brs. S. 4½° E., 105 lks. dist., mkd. T40N R8W S9 BT.

A juniper, 3 ins. diam., brs. S. 33½° W., 62 lks. dist., mkd. BT.

No NW. tree available.

Land, gently rolling.  
Soil, sandy clay, 3rd. rate.  
Timber, scattering juniper.  
Undergrowth, sage and rabbit brush. Good grass.

Survey: Subdivisional lines T. 40 N., R. 8 W.

42.

Chains	
	S. 89° 50' E., on a random line, bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect the Nor. of secs. 3, 4, 9, and 10.
	Thence
	N. 89° 50' W., on true line, bet. secs. 4 and 9.
	Over gently rolling land, thru low scattering undergrowth.
	Desc. 46 ft. over a slight W. and NW. slope to $\frac{1}{4}$ sec. cor.
10.80	Clay wash, 20 lks. wide, 5 ft. deep, course NW.
13.70	Clay wash, 15 lks. wide, 2 ft. deep, course NW.
14.50	Dim road, brs. SE. and NW.
	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S4}{S9}$
	1939
	raise a mound
	of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	Desc. 6 ft. over a slight NW. slope to
50.10	Clay wash, 8 lks. wide, 3 ft. deep, course N. Asc. 22 ft. along a gradual N. slope.
76.00	Enter scattering timber, brs. N. and S.
80.08	The cor. of secs. 4, 5, 8, and 9.
	Land, gently rolling.
	Soil, sandy clay, 3rd. rate.
	Timber, scattering juniper (W. 4 chs.).
	Undergrowth, sage and rabbit brush. Good grass.
	N. 0° 03' W., bet. secs. 4 and 5.
	Over gently rolling land, thru very scattering timber and low scattering undergrowth.
	Descend 40 ft. over a gradual N. slope to
21.10	Clay wash, 30 lks. wide, 5 ft. deep, course NE. Continue over slight N. slope. Desc. 15 ft.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S5}{S4}$
	1939
	No bearing trees available.
	raise a mound
	of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Continue over gradual N. slope. Desc. 27 ft.
45.00	Dim road, brs. S. 20° E. and N. 20° W.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257

43.

Chains

60.30 Shallow draw, course N. 70° E., heads 10 chs. S. 10° W. Asc. S. slope 15 ft. to

65.00 Low spur, slopes E. Desc. N. slope 26 ft. to

75.73 Intersect the Tenth Standard Parallel North.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the closing cor. of secs. 4 and 5, with brass cap marked

T41N R8W  
S33

S5 | S4  
T40N R8W

CC

1939

No bearing trees available. raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

The standard cor. of secs. 32 and 33, T. 41 N., R. 8 W., bears West, 14.15 chs. dist., and the standard 1/4 sec. cor. of sec. 33 bears East, 25.85 chs. dist., both set, marked, and witnessed as described in the official record.

Land, gently rolling.  
Soil, sandy and rocky clay, 3rd. and 4th. rates.  
Timber, juniper.  
Undergrowth, sage and rabbit brush. Good grass.

From the cor. of secs. 31 and 32 only, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., set, marked, and witnessed as described in the field notes of T. 39 N., R. 8 W., surveyed under this group.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land, thru low scattering undergrowth.

Desc. slightly over a NW. slope to

3.80 Drain, course NE. Asc. a slight SE. slope.

6.65 Navajo Trail, ungraded road, brs. N. 83 3/4° E. and S. 83 3/4° W. old

11.00 Top of low spur, slopes NE. Desc. gradually over a NW. slope.

33.00 Draw, course NW. Continue gradual descent over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

1/4

S31 | S32

1939

raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, W. of cor.

Desc. 50 ft. over a gradual NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 29, 30, 31, and 32, with brass cap marked

Survey: Subdivisional lines: T. 40 N., R. 8 W.

44.

Chains	
	<p style="text-align: center;">T40N R8W  <math>\frac{S30}{S31}   \frac{S29}{S32}</math>            1939</p> <p style="text-align: right;">raise a mound  of stone, 3 ft. base, 2½ ft. high, W. of cor.</p> <p>Land, rolling.  Soil, sandy clay, 3rd. rate.  No timber.  Undergrowth, sage. Fair grass.</p>
	<p>East, on a random line, bet. secs. 29 and 32.</p>
40.00	Set temp. ¼ sec. cor.
79.82	Intersect N. and S. line 11 lks. N. of the cor. of secs. 28, 29, 32, and 33.
	Thence,
	N. 89° 55' W., on true line, bet. secs. 29 and 32.
	Over rolling land, thru low scattering undergrowth.
	Desc. 10 ft.
4.60	Cut bank clay wash, 20 lks. wide, 8 ft. deep, course S. 10° W. Asc. 49 ft. over E. slope to
15.00	Top of detached spur, slopes S. from NW. Desc. SW. slope 46 ft. to
34.45	Right bank of Clayhole Wash, 24 ft. high, brs. N. 45° W. and S. 30° E. Over bottom of Clayhole Wash (dry), course N. 57° W.
39.91	True point for ¼ sec. cor. in wash, where it is impracticable to monument the cor., therefore establish witness cor. 3.50 chs. N. 89° 55' W.
42.00	Left bank of Clayhole Wash, 17 ft. high, brs. SE. and NW. Leave wash. Thence over gradual N. slope.
43.41	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for witness cor. to ¼ sec. cor., with brass cap marked
	<p style="text-align: center;"><math>\frac{S29}{S32}</math> WC.            1939</p> <p style="text-align: right;">raise a mound  of stone, 2½ ft. base, 2½ ft. high, N. of cor.</p> <p>Continue over a gradual N. slope.</p>
47.80	Cut bank wash, 10 lks. wide, 5 ft. deep, course N.
51.60	Cut bank wash, 20 lks. wide, 8 ft. deep, course N.
60.70	Head of small draw, course N. 30° E. Asc. gradually over a NE. slope to
75.80	Top of low spur, slopes N. Desc. 21 ft. over NW. slope to
79.82	The cor. of secs. 29, 30, 31, and 32.
	<p>Land, rolling.  Soil, sandy clay, 3rd rate.</p>

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257

45.

## Chains

No timber.  
Undergrowth; sage. Fair grass.

West, on a random line, bet. secs. 30 and 31.

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

74.80 Intersect the W. bdy. of Tp. 13 lks. N. of the cor. of  
secs. 25, 30, 31, and 36, hereinbefore described.

Thence,

N.  $89^{\circ} 54'$  E., on true line, bet. secs. 30 and 31.

Over gently rolling land, thru low scattering undergrowth.

Desc. over a slight SE. slope.

0.80 Ungraded road, brs. N. and S.

12.70 Wash, 10 lks. wide, course NE. Along a gradual N. slope.

34.80 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S30  
S31  
1939

raise a mound  
of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.

Continue along a gradual N. slope.

62.00 Wash, 10 lks. wide, course N. Asc. gradually over NW.  
slope to

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

Land, gently rolling.  
Soil, sandy clay, 3rd rate.  
No timber.  
Undergrowth, sage. Fair grass.

N.  $0^{\circ} 03'$  W., bet. secs. 29 and 30.

Over gently rolling land, thru low scattering undergrowth.

Desc. gradually over NW. slope to

26.30 Left bank of ~~Clayhole~~ Wash, 15 ft. high, brs. N.  $60^{\circ}$  W.  
and S.  $60^{\circ}$  E. Over bottom of ~~Clayhole~~ Wash (dry),  
course N.  $60^{\circ}$  W.

30.80 Right bank of wash. Asc. gradually over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S30|S29

1939

dig pits,  
18x18x12 ins., N. and S. of post, 3 ft. dist.

Continue over gradual SW. slope. Asc. slightly to.



46. Survey: Subdivisional lines: T. 40 N., R. 8 W.

Chains 80.00	<p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 19, 20, 29, and 30, with brass cap marked</p> <p style="text-align: center;">T40N R8W S19 S20 S30 S29 1939.</p> <p style="text-align: right;">raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.</p> <p>Land, gently rolling. Soil, sandy clay, 3rd rate. No timber. Undergrowth, sage. Fair grass.</p>
40.00	<p>S. 89° 55' E., on a random line, bet. secs. 20 and 29. Set temp. ¼ sec. cor.</p>
79.76	<p>Intersect N. and S. line 2 lks. N. of the cor. of secs. 20, 21, 28, and 29. Thence, N. 89° 54' W., on true line, bet. secs. 20 and 29. Over gently rolling land, thru low scattering undergrowth. Desc. 5 ft. over slight NW. slope to</p>
8.00	<p>Small drain, course N. Asc. gradual NE. slope 25 ft. to</p>
24.00	<p>Base of steep ascent, brs. N. 4° W. and S. 55° E. Asc. steep NE. slope 38 ft. to</p>
26.40	<p>Top of rim, brs. N. 4° W. and S. 55° E. Desc. 22 ft. over top mesa land to</p>
36.45	<p>Rim of mesa, brs. N. 36° W. and S. 29° E. Desc. 50 ft. over steep SW. slope to</p>
38.00	<p>Base of steep descent, brs. N. 36° W. and S. 29° E. Desc. 5 ft. over a gradual SW. slope to</p>
39.88	<p>Set an iron post, 3 ft. long, 1 in. in diam.; 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked</p> <p style="text-align: center;">S20 ¼ S29 1939</p> <p style="text-align: right;">raise a mound of stone, 2½ ft. base, 2½ ft. high, N. of cor.</p> <p>Continue gradual descent over slight SW. slope.</p>
63.75	<p>Dim road, brs. N. 30° W. and S. 30° E.</p>
79.76	<p>The cor. of secs. 19, 20, 29, and 30. Land, gently rolling and broken. Soil, sandy to stoney clay, 3rd rate. No timber. Undergrowth, sage. Fair grass.</p>
	<p>S. 89° 54' W., on a random line, bet. secs. 19 and 30.</p>

Survey: Subdivisional lines: T. 40 N., R. 8 W.

BOOK 4257

47.

Chains

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

74.75 Intersect W. bdy. of Tp. 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence,

N. 89° 55' E., on true line, bet. secs. 19 and 30.

Over gently rolling land, thru low scattering undergrowth.

Asc. slightly.

8.55 Top of low, detached spur, slopes N. Continue over gently rolling land.

34.75 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{S19}{\frac{1}{4} S30}$

1939 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Continue over gently rolling land.

39.15 Cut bank wash, 40 lks. wide, course NE.

50.25 Clayhole Wash, 2 chs. wide, 15 ft. deep, course N. 35° E. approx. 5 chs., thence NW.

53.45 Cut bank wash, 20 lks. wide, course NW. Asc. gradual SW. slope to

74.75 The cor. of secs. 19, 20, 29, and 30. Land, gently rolling. Soil, sandy clay, 3rd and 4th rates. No timber. Undergrowth, sage and cacti. Fair grass.

N. 0° 03' W., bet. secs. 19 and 20.

Over gently rolling land, thru low scattering undergrowth.

Asc. slightly over a SW. slope to

12.00 Slope changes to a gradual W. slope.

21.40 Dim road, brs. NW. and SE.

30.00 Same road, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{S19}{\frac{1}{4} S20}$

1939 raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of cor.

Continue along a slight W. slope to

70.80 Cut bank wash, 80 lks. wide, 10 ft. deep, course S. 80° W. Asc. over a gradual SW. slope to

Survey: Subdivisional lines: T. 40 N., R. 8 W.

48.

Chains 80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 17, 18, 19, and 20, with brass cap marked.
	T40N R8W S18   S17 S19   S20 1939
	raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of cor.
	Land, gently rolling. Soil, sandy clay, 3rd rate. No timber, Undergrowth, sage and cacti. Fair grass.
	S. 89° 54' E., on a random line, bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. and S. line 4 lks. S. of true point for cor. of secs. 16, 17, 20, and 21.
	Thence, N. 89° 56' W., on true line, bet. secs. 17 and 20.
	Over gently rolling land, thru low scattering undergrowth. Desc. slightly along bottom of wash to
1.00	Leave wash, 90 lks. wide, 15 ft. deep, course N. 70° W., from E. Desc. 20 ft. over slight NW. slope to
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	S17 ¼ S20 1939
	raise a mound of stone, 2½ ft. base, 2½ ft. high, N. of cor.
	Desc. slightly over NW. slope.
40.00	Cabin bears N. 23° E. Windmill on E. side of small earth tank bears N. 25¾° E.
59.75	Cut bank wash, 60 lks. wide, 7 ft. deep, course S. 70° W. Desc. slightly over SW. slope.
66.35	Dim road, brs. N. and S.
79.76	The cor. of secs. 17, 18, 19, and 20.
	Land, gently rolling. Soil, sandy clay, 3rd rate. No timber. Undergrowth, sage and cacti. Fair grass.
	S. 89° 55' W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
74.66	Intersect the W. bdy. of Tp. 11 lks. S. of the cor. of secs. 13, 18, 19, and 24, hereinbefore described.

Survey: Subdivisional: T. 40 N., R. 8 W.

BOOK 4257

49.

Chains

Thence,

East, on true line, bet. secs. 18 and 19.

Over slightly rolling land, thru low scattering undergrowth.

16.00 Cut bank wash, 25 lks. wide, 10 ft. deep, course NW.

24.25 Cut bank wash, 15 lks. wide, 10 ft. deep, course NW.  
Asc. gradually over a SW. slope to34.66 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{r} S18 \\ \hline \frac{1}{4} S19 \\ 1939 \end{array}$$
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. raise a mound

Continue ascent over slight SW. slope to

74.66 The cor. of secs. 17, 18, 19, and 20.

Land, gently rolling.

Soil, sandy clay, 3rd. rate.

No timber.

Undergrowth, sage, Mormon tea, and cacti. Fair grass.

N.  $0^{\circ} 03'$  W., bet. secs. 17 and 18.

Over rolling land, thru low scattering undergrowth.

Asc. 36 ft. over a gradual SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{r} S18 | S17 \\ \hline 1939 \end{array}$$
of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

Continue over SW. slope. Asc. 17 ft. to

50.00 Drain, course SW. Asc. 37 ft. over SW. slope to

64.00 Point spur, slopes SW. Desc. slightly over NW. slope to

67.10 Drain, course S.  $20^{\circ}$  W. Asc. 20 ft. over SW. slope to80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
the ground, for the cor. of secs. 7, 8, 17, and 18, with  
brass cap marked
$$\begin{array}{r} T40N R8W \\ S7 | S8 \\ \hline S18 | S17 \\ 1939 \end{array}$$
of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

Land, rolling.

Soil, gravelly clay, 3rd rate.

Survey: Subdivisional lines: T. 40 N., R. 8 W.

2050.

Chains	<p>No timber. Undergrowth, sage and cacti. Fair grass.</p>
40.00	<p>S. 89° 56' E., on a random line, bet. secs. 8 and 17. Set temp. 1/4 sec. cor.</p>
79.70	<p>Intersect N. and S. line 2 lks. S. of the cor. of secs. 8, 9, 16, and 17.</p>
15.00	<p>Thence, N. 89° 57' W., on true line, bet. secs. 8 and 17. Over gently rolling land, thru low scattering undergrowth. Desc. 9 ft. along a slight S. slope to Wide shallow draw, course S. Asc. gradual E. slope 21 ft.</p>
27.00	<p>Top of low flat spur, slopes S. Desc. 13 ft. over SW. slope to</p>
39.85	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked</p>
<p>S8 + S17 1939</p>	
59.10	<p>raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor. Along a gradual S. slope to Ungraded road, brs. N. and S.</p>
74.70	<p>Top of low spur, slopes S. Desc. SW. slope 10 ft. to</p>
79.70	<p>The cor. of secs. 7, 8, 17, and 18.</p>
<p>Land, gently rolling. Soil, sandy clay, 3rd and 4th rates. No timber. Undergrowth, sage and cacti. Fair grass.</p>	
40.00	<p>West, on a random line, bet. secs. 7 and 18. Set temp. 1/4 sec. cor.</p>
74.54	<p>Intersect the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of Tp., hereinbefore described.</p>
<p>Thence, East, on true line, bet. secs. 7 and 18.</p>	
<p>Over rolling land, thru low scattering undergrowth.</p>	
33.00	<p>Asc. 45 ft. over SW. slope to Draw, course SW. Asc. slightly over NW. slope to</p>
34.54	<p>Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, over cross (+) on bedrock, and in a mound of stone to top, for the 1/4 sec. cor., with brass cap marked</p>

Survey: Subdivisional Lines: T. 40 N., R. 8 W.

51.

BOOK 4257

Chains

S7  
1/4 S18  
1939

Asc. 46 ft. over NW. slope to

51.50 Top of spur, slopes SW. and top of ridge, brs. SE. and NW. Along a gradual N. slope.

59.50 Top of same ridge, brs. NE. and SW. Desc. gradually over SE. slope to

71.50 Draw, course S. Asc. slightly over SW. slope to

74.54 The cor. of secs. 7, 8, 17, and 18.

Land, rolling.  
Soil, sandy clay, 3rd rate.  
No timber.  
Undergrowth, sage and cacti. Fair grass.

N. 0° 03' W., bet. secs. 7 and 8.

Over rolling land, thru low scattering undergrowth.

Asc. 10 ft. over SW. slope to

77.50 Top of ridge, brs. N. 70° E. and S. 70° W. Desc. 40 ft. over gradual N. slope.

8.40 Ungraded road, brs. S. 89 1/2° E. and S. 77 1/4° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

1/4  
S7|S8  
1939

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

Desc. slightly over N. slope to

42.00 Head of wide draw, course N. 20° E. Desc. 40 ft. over NE. slope.

48.00 Enter scattering timber, brs. E. and W.

59.90 Gulch, course NW. Asc. 25 ft. over SW. slope to

61.50 Top of spur, slopes NW. Desc. 45 ft. over broken NE. slope to

78.90 Gulch, course NW. Asc. 16 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked

T40N R8W  
S6|S5  
S7|S8  
1939

from which

Survey: Subdivisional lines T. 40 N., R. 8 W.

52.

Chains	<p>A juniper, 15 ins. diam., brs. S. 80° E., 40 lks. dist., mkd. T40N R8W S8 BT.</p> <p>A juniper, 8 ins. diam., brs. S. 1° W., 55 lks. dist., mkd. T40N R8W S7 BT.</p> <p>A juniper, 15 ins. diam., brs. N. 20½° W., 158 lks. dist., mkd. T40N R8W S6 BT.</p> <p>No NE. bearing tree available.</p> <p>Land, rolling and broken. Soil, sandy to stoney clay, 3rd and 4th rates. Timber, scattering juniper (N. ½ mile). Undergrowth, sage and cacti. Fair grass.</p>
40.00 79.70	<p>S. 89° 57' E., on a random line, bet. secs. 5 and 8.</p> <p>Set temp. ¼ sec. cor.</p> <p>Intersect the cor. of secs. 4, 5, 8, and 9.</p>
	<p>Thence,</p> <p>N. 89° 57' W., on true line, bet. secs. 5 and 8.</p> <p>Over rolling land, thru scattering timber and low scattering undergrowth.</p> <p>Desc. 17 ft. along a N. slope to</p> <p>5.00 Swale, drains N. Asc. NE. slope 17 ft. to</p> <p>11.00 Point of spur, slopes N. Desc. NW. slope 25 ft. to</p> <p>14.45 Wash, 20 lks. wide, course N. 10° E. Asc. 8 ft. over gently rolling bottom.</p> <p>16.60 Wash, 20 lks. wide, 2 ft. deep, course NE.</p> <p>26.00 Leave bottom land, brs. N. and S. Asc. E. slope 25 ft. to</p> <p>31.00 Top of flat ridge, brs. N. and S. Over top of ridge to</p> <p>35.20 Leave top of ridge, brs. N. and S. Desc. W. slope 35 ft.</p> <p>36.90 Ravine wash, 30 lks. wide, course N. 10° E. Asc. E. slope 40 ft. to</p> <p>39.85 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S5}{S8}</math> </p> <p style="text-align: right;">1939</p> <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., brs. S. 11½° W., 160 lks. dist., mkd. ¼ S8 BT.</p> <p>A juniper, 12 ins. diam., brs. N. 81½° W., 285 lks. dist., mkd. ¼ S5 BT.</p> <p>Asc. slightly over E. slope to</p> <p>43.00 Top of flat spur, slopes N. Desc. gradually over W. slope to</p>

Survey: Subdivisional T. 40 N., R. 8 W.

BOOK 4257

53.

Chains	
55.40	Drain, course N. Asc. 40 ft. over E. slope to
71.70	Top of flat spur, slopes N. Desc. 50 ft. over SW. slope.
79.70	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling. Soil, sandy clay, 3rd rate. Timber, scattering juniper. Undergrowth, sage and cacti. Fair grass.
	West, on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.41	Intersect the W. bdy. of Tp. 7 lks. S. of the cor. of secs. 1, 6, 7, and 12, hereinbefore described,
	Thence, S. 89° 57' E., on true line, bet. secs. 6 and 7. Over rolling land, thru scattering timber and low scattering undergrowth. Along a N. slope to
2.40	Slope changes to NE., desc. 55 ft. to
8.20	Wash, 20 lks. wide, course N. 30° W. Asc. 81 ft. over a W. slope to
31.40	Top of spur, slopes N. Desc. 10 ft. over NE. slope to
34.41	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{S6}{\frac{1}{4} S7}$ 1939
	from which A juniper, 18 ins. diam., brs. S. 58 $\frac{3}{4}$ ° W., 181 lks. dist., mkd. $\frac{1}{4}$ S7 BT. A juniper, 18 ins. diam., brs. N. 43 $\frac{1}{2}$ ° W., 190 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	Desc. 80 ft. over NE. slope to
56.50	Cut bank wash, 20 lks. wide, 10 ft. deep, course N. 20° W. Asc. 22 ft. over W. slope to
58.70	Top of spur, slopes N. 20° W. Desc. 87 ft. over NE. slope to
72.70	Gulch, course NW. Asc. 17 ft. over SW. slope to
74.41	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling. Soil, sandy clay, 3rd and 4th rates. Timber, scattering juniper. Undergrowth, sage and cacti. Fair grass.
	W. 0° 00' along bet. secs. 5 and 6.



Survey: Subdivisional lines: T. 40 N., R. 8 W.

54.

Chains	N. 0° 03' W., bet. secs. 5 and 6. Over rolling land, thru scattering timber and undergrowth.
	Asc. 26 ft. over SW. slope to
4.00	Along a broken W. slope to
29.70	Point of flat spur, slopes NW. Desc. 70 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, over a cross (+) on bedrock, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S6 S5
	No bearing trees available. Continue over N. slope to
45.50	Small gulch, course NW. Along a broken W. slope to
63.50	Point of spur, slopes NW. Desc. 55 ft. over N. slope to
75.60	Intersect the Tenth Standard Parallel North. Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the closing cor. of secs. 5 and 6, with brass cap marked
	T41N R8W S32 S6 S5 CC T40N R8W 1939
	No bearing trees available. raise a mound of stone, 2 ft. base, 2 ft. high, S. of cor.
	The standard cor. of secs. 31 and 32, T. 41 N., R. 8 W., bears West, 14.45 chs. dist., and the standard $\frac{1}{4}$ sec. cor. of sec. 32 bears East, 25.55 chs. dist., both set, marked, and witnessed as described in the official record.
	Land, rolling. Soil, sandy to stoney clay, 3rd and 4th rates. Timber, scattering juniper. Undergrowth, sage and cacti. Fair grass.

GENERAL DESCRIPTION.

The land in T. 40 N., R. 8 W. varies from almost level to rolling and slightly broken. A rimmed table-land, 40 to 80 feet above the surrounding area, appears in secs. 16, 17, 20, 21, 27, 28, 29, and the NE. cor. of sec. 33. The general elevation of the township is about 4900 to 5000 feet above sea level. The soil is generally a clay soil, running to a sandy soil on the ridges and spurs. Numerous outcrops of soft limestone and gypsum appear throughout the township. A hard, sandy limestone is found in the rimmed portion.

The only permanent water of consequence in the township is a spring near the Joseph Atkins cabin, located in the SW  $\frac{1}{4}$  of sec. 3. This water is not drinkable because of the gypsum content, but is suitable for stock watering purposes. A few seep springs, whose water contain a high gypsum content, are found in Clayhole Wash. The main

drainage is carried by Clayhole Wash, a cut bank wash averaging about 3 chs. wide and 15 ft. deep, passing thru secs. 19, 29, 30 and 32. Another wash, 20 to 80 lks. wide, and 8 to 15 ft. deep, crosses the township westerly thru secs. 12, 13, 14, 15, 22, 21, 16, 17, 20, 19 and 18, joining Clayhole Wash at a point about 30 chs. W. from the W. bdy. of the Tp.

The only timber is a very scattering growth of juniper in the northwestern part. Scattering undergrowth of sagebrush, Mormon tea, algerita, buckbrush, cliff rose, oakbrush and cacti is prevalent over all parts. There is a good growth of native grass over most of the land, rendering this area suitable for grazing.

Two settlers have cabins in the Tp.; Joseph Atkins in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of sec. 3; and another settler, name not obtained, in SE $\frac{1}{4}$  of sec. 17. Both of these settlers have water suitable for stock; Atkins having a spring, and the other settler a well, equipped with windmill for pumping. The Atkins place has a corral and nearly four miles of good fence around it. The other settler has a corral and some poor fences. At the time of this survey fences were being constructed by crews of the Civilian Conservation Corps along the N. bdy. of sec. 1, and the E. bdrs. of secs. 1 and 12.

There are numerous unimproved roads throughout the Tp. Old Navajo Trail, a slightly used unimproved road crosses the southern part. The most traveled road is an unimproved one crossing the north central part of the Tp. extending from Pipe Springs to Hurricane.

No evidence of valuable mineral deposits was observed. The mean magnetic declination is 15°50' E.

#### FINAL FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 16723.  
Horace M. Muscott, Surveyor.

The only survey described in the foregoing field notes which was executed by Horace M. Muscott, Surveyor, using Buff and Buff transit No. 16723, was the West bdy. of the Tp, which survey was begun and completed on June 1, 1939. For tests of this instrument on that date see description of preliminary test on page 1 hereof.

Buff and Buff transit No. 9984  
Claude F. Warner, Transitman.

July 9, 1939;

At station in camp near the cor. of secs. 3, 4, 33 and 34, Ts. 38 and 39 N., R. 9 W., latitude 36°43 $\frac{1}{2}$ ' N., longitude 113°15 $\frac{1}{2}$ ' W.; examine the adjustments of Buff and Buff transit No. 9984 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with a true meridian established at this station by Polaris observation on June 11, 1939, as described in field notes of resurvey of West bdy., and survey of North bdy. and subdivisional lines of T. 38 N., R. 9 W., executed under this group, proceed as follows:

At 9h. 00m., a.m., app. t., set off 36°43 $\frac{1}{2}$ ' N. on the lat. arc; 22°25 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of 22°24 $\frac{1}{2}$ ' N. on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $22^{\circ}24'$ N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

Young and Sons' transit No. 8526.  
Frank Moch, Public Land Surveyor.

July 9, 1939;

At same station where the preceding test of instrument was made, examine the adjustments of Young and Sons' transit No. 8526 and find no errors. Then, to test the solar apparatus of same by comparing its indications with a true meridian established by Polaris observation at this station June 11, 1939, proceed as follows:

At 9h. 00m., a.m., app.t., set off  $36^{\circ}43\frac{1}{2}'$ N. on the lat. arc;  $22^{\circ}25\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $22^{\circ}24\frac{1}{2}'$ N. on the decl. arc; which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $22^{\circ}24'$ N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

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5

4-680  
(Revised May 1934)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4257

FIELD ASSISTANTS  
to  
Frank Motch, Public Land Surveyor

NAMES	CAPACITY
Thorton Fitzhugh	Principal Assistant
Rulon F. Westover	Chainman
Stanley C. Turner	Flagman
Alfred Figueira Jr.	Cornerman
Frank Doner Jr.	Axeman
Winfield S. Wardell 3rd	Axeman

CERTIFICATE OF SURVEYOR

I, Frank Motos, Public Land Surveyor, HEREBY CERTIFY upon honor that, in  
pursuance of <sup>supplemental</sup> special instructions bearing date of the 30th day of April, 1936,  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated April 11, 1939, I have surveyed

Part of the North boundary and

Part of the Subdivisional lines of

Township 40 North, Range 8 West

of the Gila & Salt River Meridian, in the State of Arizona, 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.

Phoenix, Arizona

February 1, 1940

*Frank Motos*

Public Land Surveyor.

~~CERTIFICATE OF APPROVAL~~

~~Office of Supervisor of Surveys,~~

~~, 19~~

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

~~executed by~~

~~under special instructions dated~~

~~instructions dated~~

~~having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
therein described, are hereby approved.~~

~~Supervisor of Surveys.~~

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~

~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys.~~

5.9.63

4-680  
(Revised May 1934)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS  
to  
Claude F. Warner, Transitman

NAMES	CAPACITY
Benjamin J. Mollette	Principal Assistant
Roy M. Clifton	Chainman
Ernest Crofford	Flagman
Dean Peterson	Cornerman
Kenneth Carrick	Axeman
Wm. A. Reynolds	Axeman

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BOOK 4257

CERTIFICATE OF SURVEYOR

I, Claude F. Warner, Transitman, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions bearing date of the 30th day of April, 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed

Part of the North boundary and Part of the Subdivisional lines of Township 40 North, Range 8 West

of the Gila & Salt River Meridian, in the State of Arizona, 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.

Phoenix, Arizona February 1, 1940 Claude F Warner Transitman

CERTIFICATE OF APPROVAL

Office of Supervisor of Surveys

10

The foregoing field notes of the survey of

executed by under special instructions dated and assignment instructions dated having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in

is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

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4-680  
(Revised May 1934)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS  
to  
Horace M. Muscott, Surveyor

NAMES	CAPACITY
Bert E. Wakeman	Principal Assistant
Clarence E. Liles	Chainman
Lavell Palmer	Cornerman
George B. McDevitt	Flagman
Albert Greene	Axeman



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CERTIFICATE OF SURVEYOR

BOOK 4257

I, Horace M. Muscott, Surveyor; HEREBY CERTIFY upon honor that, in  
pursuance of <sup>supplemental</sup> special instructions bearing date of the 30th day of April, 1936,  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated April 11, 1939, I have surveyed  
the West boundary of  
Township 40 North, Range 8 West

of the Gila & Salt River Meridian, in the State of Arizona, 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.

Phoenix, Arizona  
January 23, 1940

*Horace M. Muscott*  
Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
Denver, Colo., October 26, 1942

The foregoing field notes of the survey of the West boundary; North boundary (along  
10th Std. Parallel North); and Subdivisional lines of  
Township 40 North, Range 8 West  
of the Gila and Salt River Meridian, in the State of Arizona  
executed by Horace M. Muscott, Surveyor; Claude F. Warner, Transitman;  
executed by and Frank Moteh, Public Land Surveyor.  
supplemental  
under special instructions dated April 30, 1936, for Group 210, Arizona, and assignment  
instructions dated April 11, 1939, having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
therein described, are hereby approved.

*Frank M. Johnson*  
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

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

~~Supervisor of Surveys.~~