

3984

Original

4-679
(April 1933)

Book E.

BOOK 3984

FIELD NOTES

Of the

Resurvey of the Arizona-New Mexico State boundary

from the

309 Mile Monument to the 316 Mile Monument;

and the

survey of the subdivisional lines of

fractional Township 11 South, Range 32 East.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Dupree R. Averill, U.S. Surveyor

Under special instructions dated February 27, 1933, which provided for the surveys included under Group No. 173, bearing the approval of the Commissioner of the General Land Office under date of March 9, 1933, and assignment instructions dated February 13, 1933.

Survey commenced May 14, 1933.

Survey completed May 31, 1933.

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BOOK 3934

INDEX DIAGRAM.

Township *11 South*, Range *32 East*

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NEW MEXICO

The survey was executed with a light mountain transit made by Buff & Buff, Serial No. 17992, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of 4½ ins. with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins. with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with a focal constant of 1.2 lks. The instrument is equipped with the improved Smith solar attachment, radius of latitude arc 4 ins. and of the declination arc 3½ ins. each with verniers reading to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey was approved by the district cadastral engineer February 13, 1933. All instrumental adjustments were examined before making the field tests hereinafter recorded.

The direction of all lines was determined by direct observation on the sun, Transit methods, supplemented by the solar attachment as a check in azimuth, were employed throughout the survey. The measurements were made with a Lallie steel tape 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 links. The tape was first tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope and the vertical angle of each interval ascertained by two clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position of the SW. cor. of the Tp. as follows: latitude, 32° 25' 32"N. and longitude 109° 07' 32"W.

May 14, 1933. At camp in the NW. ¼ of sec. 28, T.11 S., R.32 E. in latitude 32° 27' N. and longitude 109° 05' 30" W. make a series of observations for the determination and verification of time, latitude and azimuth to be employed on the survey as follows:

1. An altitude observation on the sun, first setting on the suns upper and right limbs, then after reversal of the instrument setting on the lower and left limbs; the horizontal angles being measured from a sharply defined point on the crest of the mountain about 1½ miles dist.

Mean watch time of observation, a.m.	7h 01m 28s
Mean vertical angle	20° 00' 00"
Mean horizontal angle, left	124° 16' 08"
Reduced bearing to reference point	S.24° 23' 16"W.
Reduced watch, slow of standard time	00m 23s

2. An hour angle observation on Polaris west of the meridian, making four readings, two each with the telescope in direct and reversed positions, noting the multiple deflection angle from the reference point above defined.

Mean watch time of observation, p.m.	7h 31m 30s
Mean vertical angle	31° 42' 00"
Mean horizontal angle, right	154° 45' 40"
Reduced bearing	S.24° 23' 32"W.
Reduced latitude	32° 26' 51" N.

May 14. Every hour, from 7 to 11 a.m. and from 1 to 5 p.m. make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument when compared to the true meridian has a maximum error of less than 1' of arc.

Resurvey of a Portion of the Eastern Boundary of the
State of Arizona.

chains

Repeat the tests of the arcs by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

Township 11 South, Range 32 East.

The south boundary was surveyed by Wm. B. Kimmel in 1914 the west boundary by A.B. Rich in 1916, who also resurveyed the N. bdy. The Arizona-New Mexico State line was surveyed by Chandler Robbins in 1875.

From the 309 mile monument on the Arizona-New Mexico boundary.

South on a random line.

80.41 Fall 14 lks. E. of the 310 mile monument.

Return to the 309 mile monument, which is a porphyry-sandstone, 9 x 8 x 6 ins. supported in a small mound of stone, marked NM on the E. face, and with illegible markings on the S.W and N. faces.

Reset stone 6 ins. in the ground, and in a protecting base of stone, 2 ft. in diameter, 6 ins. high.

Thence

S.0°06'W. on true line on the 310th. mile.

Over nearly level land, through scattered undergrowth. Across shallow grassy swale, draining NE.

14.89 Intersect the closing cor. of Tps. 10 & 11 S., R.32 E. hereinafter described.

25.00 Leave swale.

71.00 Enter grassy swale, 5 chs. wide, draining NE.

76.00 Leave swale.

80.41 To 310 mile monument, which is a porphyry-sandstone. 12 x 10 x 6 ins. floating in a small mound of stone, mkd. 310 on the N. NM on the E. 32WL on the S. and ARIZ on the W. faces.

Re-set stone 8 ins. in the ground; raise a mound of stone 3 ft. base, 2 ft. high. N. of monument.

Land, nearly level.

Soil, gravelly clay, 2nd. rate.

No timber; undergrowth, greasewood and grasses.

S.0°04'W. on true line, on the 311th. mile; the objective monument being visible.

Over nearly level land, through scattered undergrowth.

0.18 Intersect the closing cor. of secs. 6 and 7, T.21 S., R.21 W. of the New Mexico Principal Meridian, which is a malapais stone, 14 x 10 x 7 ins. lying in a small mound of stone, marked S6 on the N. NM on the E. S7 on the S. and A CC on the W. faces.

Resurvey of a Portion of the Eastern Boundary of the
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chains

- Re-set stone 8 ins. in the ground; raise a mound of stone 2 ft. base, 1 ft. high. E. of cor.
- 49.20 Enter wash. 50 lks. wide, 6 ft. deep, course N.80°E.
- 50.15 Right bank of wash.
- 50.70 Overflow channel. 2 chs. wide, 2 ft. deep, course N.65°E.
- 75.50 Enter grassy swale, 1.50 chs. wide, draining NE.
- 80.43 To 311 mile monument, which is a porphyry-sandstone, firmly set, 10 x 10 x 4 ins. above ground, marked 311 on the N., NM on the E., 32WL on the S., and ARIZ on the W. faces.
- Construct a mound of stone 3 ft. base, 6 ins. high, around monument.
- Land, nearly level, drains NE.
Soil, gravelly clay, 2nd. and 3rd. rate.
No timber; undergrowth, greasewood, yucca and grasses.
-
- S.0°04'W. on true line on the 312th. mile. the objective monument being visible.
- Over nearly level land, through scattered undergrowth.
Ascend 100 ft.
- 1.16 Intersect the closing cor. of secs. 7 and 18, T.21 S., R.21 W. of the New Mexico Principal Meridian, which is a malapais stone, firmly set. 16 x 14 x 10 ins. above ground, marked S7 on the N., NM on the E., S18 on the S., and A CC on the W. faces.
- 28.50 Wash, 20 lks. wide, course NE.
- 51.30 Drain, 5 lks. wide, course NE.
- 57.80 Wash, 40 lks. wide, course N.25°E.
- 70.00 Asc. along gentle W. slope of low spur.
- 80.22 To 312 mile monument, which is a limestone, firmly set. 14 x 9 x 8 ins. above ground, marked 312 on the N., NM on the E., 32WL on the S., and ARIZ on the W. faces.
- Construct a mound of stone 4 ft. base, 3 ft. high. N. of monument.
- Land, nearly level, drains NE.
Soil, gravelly clay, shallow. 3rd. rate.
No timber; undergrowth, greasewood, yucca and grasses.
-
- South on a random line on the 313th. mile.
- 80.21 Fall 2 lks. W. of the 313 mile monument.
- Return to the 312 mile monument.
- Thence
- S.0°01'E. on true line on the 313th. mile.
- Over nearly level land, very gently rolling, through scattered undergrowth.

Resurvey of a Portion of the Eastern Boundary of the
State of Arizona.

chains

- 1.17 Intersect the closing cor. of secs. 18 and 19, T.21 S., R.21 W., of the New Mexico Principal Meridian, which is a porphyry-limestone, firmly set, 16 x 14 x 7 ins. above ground, marked S18 on the N., NM on the E., S19 on the S., and A CC on the W. faces.
- 39.70 Enter flat grassy drain, course NE.
- 44.50 Leave drain.
- 80.21 To 313 mile monument, which is a sandstone, firmly set, 12 x 10 x 7 ins. above ground, marked 313 on the N. NM on the E. 32WL on the S. and ARIZ on the W. faces.
- Construct a mound of stone 3 ft. base, 1½ ft. high, N. of monument.
- Land, nearly level, drains NE.
Soil, gravelly clay, 2nd. rate.
No timber; undergrowth, greasewood, yucca and grasses.
-
- South on a random line on the 314th. mile.
- 80.47 Fall 75 lks. W. of the 314 mile monument.
- Return to the 313th. mile monument.
- Thence
- S.0°32'E. on true line on the 314th. mile.
- Over rolling land, through scattered undergrowth.
- 1.00 Intersect the closing cor. of secs. 19 and 30, T.21 S., R.21 W. of the New Mexico Principal Meridian, which is a sandstone 10 x 8 x 6 ins. supported in a few surrounding stones, so badly weathered no markings are legible.
- Asc. 95 ft. over gentle NE. slope.
- 22.40 Drain, 5 lks. wide, course E.
- 28.50 Flat spur, slopes E.; along E. slope.
- 30.00 Desc. 60 ft.
- 40.30 Small draw, course E. Asc. 110 ft. over NE. slope.
- 51.30 Small rocky spur, slopes E. Desc. 120 ft. over SE. slope.
- 69.90 Drain, 5 lks. wide, course SE.
- 74.00 Foot of slope; across level land.
- 76.70 Wash, 10 lks. wide, 2 ft. deep, course NE.
- 80.47 To 314 mile monument, which is a malapais stone, firmly set, 14 x 12 x 8 ins. above ground, marked 314 on the N., NM on the E., 32WL on the S., and ARIZ on the W. faces.
- Construct a mound of stone 3 ft. base, 1½ ft. high, N. of monument.
- Land, rolling hills and mesa.
Soil, rocky and gravelly clay, 2nd. and 3rd. rate.
No timber; undergrowth, greasewood, yucca and grasses.
-

Resurvey of a Portion of the Eastern Boundary of the State of Arizona.

BOOK 1004

chains

South on a random line on the 315th. mile.

80.22 Fall 14 lks. E. of the 315 mile monument.

Return to the 314 mile monument.

Thence

S.0°06'W. on true line on the 315th. mile.

Over nearly level land, through scattered undergrowth. Asc. 80 ft. over gentle NE. slope.

0.10 Intersect the closing cor. of secs. 30 and 31, T.21 S., R.21 W. of the New Mexico Principal Meridian, which is a malapais stone, firmly set, 12 x 12 x 7 ins. above ground, marked S30 on the N., S31 on the S., and A CC on the W. faces.

16.45 Road, bears W. and E.

56.30 Road, bears NE. to Summit and SW. to Pierson's Ranch.

62.15 Wash, 50 lks. wide, course NE.

80.15 Intersect the closing cor. of Tps. 21 & 22 S., R.21 W. of the New Mexico Principal Meridian, which is a malapais stone, firmly set, 14 x 12 x 6 ins. above ground, marked T21 on the W., CC on the E. faces; remaining markings are illegible.

80.22 To 315 mile monument, which is a granite stone, 16 x 16 x 12 ins. floating on a small mound of earth, marked 315 on the N., NM on the E., 32WL on the S., and ARIZ on the W. faces.

Re-set stone 8 ins. in the ground; construct a protecting mound of stone 3 ft. base, 6 ins. high, around monument.

Alongside of this monument is a granite stone, firmly set, 10 x 7 x 4 ins. above ground, marked 4 SD1 P20 on the S., and 3 SD1 P9 on the N. faces.

Land, nearly level.
Soil, gravelly and rocky clay, 2nd. and 3rd. rate.
No timber; undergrowth, greasewood, yucca and grasses.

S.0°13'W. on true line on the 316th. mile; the objective monument being visible.

Over nearly level land, through scattered undergrowth.

0.03 Four strand wire fencing, bears E. and W.

8.59 Intersect the closing cor. of Tps. 11 and 12 S., R.32 E. which is an iron post, 3 ins. diam. firmly set, marked and witnessed as described in the official record.

80.00 To 316 mile monument, which is a porphyry stone, firmly set, 12 x 10 x 8 ins. above ground, marked 316 on the N., NM on the E., 32WL on the S., and ARIZ on the W. faces.

Land, level, draining NE.
Soil, gravelly and rocky clay, 2nd. and 3rd. rate.
No timber; undergrowth, greasewood, yucca and grasses.

Subdivision of T.11 S., R.32 E.

chains

From the cor. of secs. 5,6,31 and 32. on the S. bdy. of the Tp. which is an iron post. 3 ins. diam. firmly supported in a mound of stone 4. ft. base, 3 ft. high. marked and witnessed as described in the official record.

N.0°01'E. bet. secs. 31 and 32.

Over mountainous land, through scattered undergrowth. Desc. 40 ft. over NE. slope.

- 7.15 Wash. 40 lks. wide, course N.10°W. from S.60°E.
- 12.00 Wash turns W.
- 16.50 Asc. 175 ft. over S. slope.
- 26.40 Top of broken bluff, 30 ft. high, facing S. Across top of flat spur, sloping W.
- 29.40 Top of bluff, 20 ft. high. facing N. Desc. 165 ft. over N. slope.
- 38.30 Small draw, course W. Asc. 30 ft.
- 40.00 Set an iron post, 3 ft. long. 1 in. diam. 16 ins. in the ground, to bedrock, with a stone 10 x 8 x 5 ins. mkd. X deposited alongside, and in a mound of stone to top. for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
 S 31 | S 32
 1933

Asc. 250 ft. over S. slope.

- 42.00 Top of bluff, 20 ft. high, facing S.
- 53.00 Ridge, from E. slopes steeply W. Desc. 140 ft. over NW. slope.
- 63.70 Head of draw, course N.70°W. Asc. 75 ft. over SW. slope.
- 73.10 Ridge, bears SE. and NW. Desc. 160 ft. over N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, with a stone 8 x 6 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top. for the cor. of secs. 29,30,31 and 32. with brass cap mkd.

T11S R32E
 S 30 | S 29
 S 31 | S 32
 1933

from which

A juniper. 9 ins. diam. bears S.73°E. 118 lks. dist. mkd. T11S R32E S32 BT

Land, broken and rolling mountains.
 Soil, rocky, 3rd. rate.
 Timber, a few very scattered juniper.
 Undergrowth, greasewood and cacti.

chains

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

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the W. bdy. of the Tp. 14 lks. S. of the cor. of secs. 25,30,31 and 36, which is an iron post, 3 ins. diam. firmly set. marked and witnessed as described in the official record.

Thence

S.89°54'E. on true line bet.secs. 30 and 31.

Over rolling mountainous land, through scattered undergrowth. Asc. 300 ft. over W. slope.

24.60 Ridge, bears SE and NW. Desc. 130 ft. over NE. slope.

34.75 Drain, course N.10°E. Asc. 30 ft.

39.00 Across low flat spur, sloping N.

39.95 Set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4 S 30 / S 31

1933

from which

A juniper, 10 ins. diam. bears N.4 1/2°E. 96 lks. dist. mkd. 1/4 S30 BT

A juniper, 14 ins. diam. bears S.36 1/2°W. 187 lks. dist. mkd. 1/4 S31 BT

Desc. 170 ft. over NE. slope.

51.40 Draw, 25 lks. wide, course N.20°W. Asc.325 ft. over W. slope.

71.30 Ridge, from SE. slopes NW. Desc. 130 ft. over NE. slope.

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

Land, mountainous.
Soil, rocky, 3rd. rate.
Timber, scattered juniper.
Undergrowth, greasewood and cacti.

N.0°01'E. bet. secs. 29 and 30.

Over rolling mountainous land, through scattered undergrowth. Desc. 280 ft. over NE. slope.

18.60 Gully, course N.20°E. Asc. 155 ft. over SE. slope.

33.00 Change of slope to NE. Desc. 75 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 30 | S 29
1933

Subdivision of T.11 S., R.32 E.

chains	<p>Raise a mound of stone 4 ft. base, 3 ft. high W. of cor.</p> <p>Desc. 155 ft. over NE. slope.</p> <p>49.10 Gulch, course N.70°E. Asc. 80 ft. over SE. slope.</p> <p>63.70 Change of slope to NE. Desc. 155 ft.</p> <p>78.80 Drain, 5 lks. wide, course E.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for the cor. of secs. 19,20,29 and 30. with brass cap mkd.</p>						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T11S R32E</td> </tr> <tr> <td>S 19</td> <td>S 20</td> </tr> <tr> <td>S 30</td> <td>S 29</td> </tr> </table> <p style="text-align: center;">1933</p> <p style="text-align: right;">raise a</p> <p>mound of stone $3\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.</p> <p>Land, rolling mountains. Soil, rocky, 3rd. rate. Timber, very scattered juniper. Undergrowth, greasewood and cacti.</p> <p>-----</p> <p>N.89°54'W. on a random line bet.secs. 19 and 30.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.88 Intersect the W. bdy. of the Tp. 5 lks. S. of the cor. of secs. 19,24,25 and 30, which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.</p> <p>Thence</p> <p>S.89°52'E. on true line bet. secs. 19 and 30.</p> <p>Over broken and mountainous land, through scattered undergrowth. Asc. 65 ft. over SW. slope.</p> <p>10.60 Cross over S. slope of ridge. bearing N. from SE. Desc. 125 ft. over gradual SE. slope.</p> <p>17.25 Drain, 10 lks. wide, course S.30°E.</p> <p>25.90 Wash, 25 lks. wide. course NE. Desc. 10 ft. over N. slope.</p> <p>33.80 Drain, 5 lks. wide, course N. Asc. 35 ft.</p> <p>39.94 Set an iron post, 3 ft. long. 1 in. diam. 18 ins. in the ground, to bedrock, with a stone 12 x 6 x 4 ins. mkd. X deposited alongside, and in a mound of stone to top. for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p>	T11S R32E		S 19	S 20	S 30	S 29
T11S R32E							
S 19	S 20						
S 30	S 29						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>$\frac{1}{4}$ S 19</td> </tr> <tr> <td>S 30</td> </tr> </table> <p style="text-align: center;">1933</p> <p style="text-align: right;">raise a</p> <p>mound of stone 3 ft. base, 2 ft. high, N. of cor.</p> <p>Desc. 25 ft. over gentle NE. slope.</p> <p>47.10 Wash, 25 lks. wide, course N.20°W.</p>	$\frac{1}{4}$ S 19	S 30				
$\frac{1}{4}$ S 19							
S 30							

Subdivision of T.11 S.,R.32 E.

BOOK 5084

chains

Asc. 120 ft. over W. slope.

63.00 Cross S. of low swale in ridge, bearing N. and S. Desc. 160 ft. over NE. slope.

79.88 The cor. of secs. 19,20,29 and 30.

Land, rolling hills.
Soil, rocky and gravelly clay. 2nd. rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

N.0°01'E. bet. secs. 19 and 20.

Over rolling hilly land, through scattered undergrowth.
Desc. 25 ft. over gentle NE. slope.

0.50 Drain, 5 lks. wide, course NE.

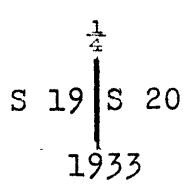
3.60 Drain, 10 lks. wide, course N.75°E. Asc. 30 ft. over gentle E. slope.

14.70 Drain, 5 lks. wide, course E.

26.00 Gully, course S.70°E. Asc. 175 ft. over SE. slope.

33.00 Divide, bears E. and W.

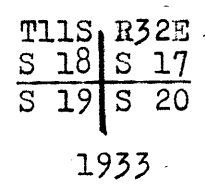
40.00 Set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, with a stone 8 x 6 x 5 mkd. X deposited alongside, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.



47.00 Change of slope to NE. Desc. 210 ft.

53.60 Gully, 10 lks. wide, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 4 ins. in the ground, to bedrock, with a stone 12 x 10 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top, for the cor. of secs. 17,18,19 and 20, with brass cap mkd.



Land, rolling hills.
Soil, rocky, 2nd. and 3rd. rate.
Timber, very scattered juniper.
Undergrowth, greasewood and cacti.

N.89°52'W. on a random line bet. secs. 18 and 19.

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect the W. bdy. of the Tp. 5 lks. S. of the cor. of secs. 13,18,19 and 24, which is an iron post, 3 ins.

chains

diam. firmly supported in a mound of stone. mkd. and witnessed as described in the official record.

Thence

S.89°50'E. on true line bet.secs. 18 and 19.

Over rolling hills, through scattered undergrowth. Asc. 21 ft. over W. slope.

1.50 Over flat hill top.

3.00 Low ridge, bears N. and S. Desc..185 ft. over NE. slope.

23.40 Wash, 50 lks. wide, course N.25°W. Asc. 185 ft. over W. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam. 6 ins. in the ground, to bedrock, with a stone 8 x 6 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 18 \\ S 19 \end{array}$$

1933

Asc. 30 ft.

42.50 Shoulder of spur, from SE. sloping N. Desc. 150 ft. over NE. slope.

53.40 Gulch, 15 lks. wide, course N. Asc. 150 ft. over NW.slope.

59.90 Broad flat spur, slopes N. Desc. 125 ft. over NE. slope.

78.35 Drain. 5 lks. wide, course N.10°E.

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

Land, rolling and broken hills.

Soil, rocky. 3rd. rate.

Timber, very scattered juniper.

Undergrowth, greasewood, catclaw and cacti.

N.0°01'E. bet. secs. 17 and 18.

Over rolling hills, through scattered undergrowth. Desc. 115 ft. over NE. slope.

5.00 Drain, 5 lks. wide, course N.10°E.

10.90 Wash, 35 lks. wide, course NW. Asc. 105 ft. over SW.slope.

13.35 Gully, 10 lks. wide, course W.

34.80 Change of slope to W. Desc. 10 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 10 ins. in the ground, to bedrock. with a stone 8 x 6 x 4 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 18 | S 17 \end{array}$$

1933

Subdivision of T.11 S., R.32 E.

BOOK 304

chains

Desc. 165 ft. over NW. slope.

59.40 Drain. 5 lks. wide, course NW.

73.70 Enter flat draw. and across bottom land.

77.00 Wash, 20 lks. wide, course NE.

78.30 Over nearly level land, draining E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 14 ins. in the ground, to bedrock, with a stone 12 x 10 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top. for the cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T11S	R32E
S 7	S 8
S 18	S 17

1933

Land, rolling hills.

Soil, rocky and gravelly, 3rd. and 2nd. rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

N.89°50'W. on a random line bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect the W. bdy. of the Tp. 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

Thence

S.89°52'E. on true line bet. secs. 7 and 18.

Over nearly level land, through scattered undergrowth. Along N. margin of wash, course E. Desc. 30 ft.

14.00 Wash, 1.00 ch. wide, course N.35°E.

21.60 Wash, 35 lks. wide, course NE. Along slight N. slope. Asc. 10 ft.

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

1/4 S 7
S 18

1933

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

45.00 Asc. 125 ft. over an increasing W. slope.

58.80 Across flat knoll.

60.80 Desc. 140 ft. over a decreasing E. slope.

75.00 Over nearly level land, draining E.

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

Land, gently rolling.

Subdivision of T.11 S.,R.32 E.

chains

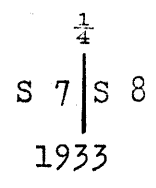
Soil, gravelly and rocky, 2nd. and 3rd. rate.
No timber.
Undergrowth, greasewood, catclaw, yucca and cacti.

N.0°01'E. bet. secs. 7 and 8.

Over gently rolling land, through scattered undergrowth.

10.00 Desc. 35 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.



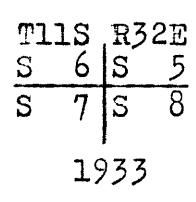
raise a mound of stone 3 ft. base, 3 ft. high, W. of cor.

Desc. 30 ft. over very gradual NE. slope.

51.75 Wash. 50 lks. wide, course NE.

61.50 Wash, 50 lks. wide, course N.80°E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the cor. of secs. 5,6,7 and 8. with brass cap mkd.



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

Land, nearly level, drains NE.
Soil, gravelly and rocky, 2nd. rate.
No timber.
Undergrowth, greasewood, yucca and catclaw.

N.89°52'W. on a random line bet.secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the W. bdy. of the Tp. at the cor. of secs. 1,6,7 and 12, which is an iron post. 3 ins. diam.firmly set, mkd. and witnessed as described in the official record.

Thence

S.89°52'E. on true line bet.secs. 6 and 7.

Over nearly level land, through scattered undergrowth.
Desc. 50 ft. over very gradual NE. slope.

21.60 Drain. 5 lks. wide, course NE.

39.95 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

Subdivision of T.11 S., R.32 E.

3000 3000

chains

$$\frac{\frac{1}{4} S 6}{S 7}$$

1933

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

45.30 Road. bears NE. and SW.

53.60 Wash, 30 lks. wide, course NE.

79.90 The cor. of secs. 5,6,7 and 8.

Land. nearly level, drains NE.
Soil. gravelly. 2nd. rate.
No timber.
Undergrowth. greasewood and yucca.

N.0°01'E. on true line bet. secs. 5 and 6.

Over nearly level land, through scattered undergrowth.
Desc. 40 ft.

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

$$\begin{array}{c} \frac{1}{4} \\ S 6 | S 5 \\ 1933 \end{array}$$

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

42.50 Road. bears NE. and SW.

43.90 Four strand wire fencing, bears S.76 $\frac{1}{2}$ °E. and N.76 $\frac{1}{2}$ °W.

75.96 Intersect the Second Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the
ground, for closing cor. of secs. 5 and 6. with brass
cap mkd.

$$\begin{array}{c} T10S R32E \\ S 31 \\ \hline S 6 | S 5 \\ C C \\ T11S R32E \\ 1933 \end{array}$$

raise a mound
of stone 4 ft. base, 3 ft. high, S. of cor.

From the point of intersection the standard $\frac{1}{4}$ sec. cor.
on the S. bdy. of sec. 31, T.10 S., R.32 E. bears East
1.25 chs. dist.; an iron post, 1 in. diam. firmly set,
mkd. and witnessed as described in the official record.

From the same point the standard cor. of Tps. 10 S., Rs.
31 & 32 E. bears West 38.75 chs. dist.; an iron post.
3 ins. diam. firmly set, mkd. and witnessed as described
in the official record.

Land, nearly level, drains NE.
Soil, gravelly and rocky clay, 2nd. and 3rd. rate.
Timber, none.
Undergrowth, greasewood and yucca.

chains

At midpoint on the N. bdy. of sec. 6, West 1.15 chs. dist. from the cor. of Tps. 10 S., Rs. 31 & 32 E. set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap mkd.

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

1933

raise a mound of stone 4 ft. base, 3 ft. high, S. of cor.

From this point the standard $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 36, T.10 S., R.31 E. bears West 38.85 chs. dist.; an iron post, 1 in. diam. firmly set, mkd. and witnessed as described in the official record.

From this latter point the closing cor. of Tps. 11 S., Rs. 31 and 32 E. bears West 1.05 chs. dist.; an iron post 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp. which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

N.0°01'E. bet. secs. 32 and 33.

Over broken mountainous land, through scattered undergrowth. Desc. 150 ft. over precipitous NE. slope.

- 8.00 Head of gulch, course E.
- 9.65 Small spur, slopes E.
- 14.35 Gulch, course E. Asc. 110 ft. over SE. slope.
- 22.20 Flat rocky shoulder of spur, extending NE. Desc. 75 ft. over broken cliffs, along W. top of spur.
- 27.10 Same spur, slopes N.15°W. Desc. 380 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 32 | S 33
1933

from which

A juniper, 14 ins. diam. bears S.39 $\frac{1}{2}$ °E. 197 lks. dist. mkd. $\frac{1}{4}$ S33 BT

A juniper, 15 ins. diam. bears S.59 $\frac{1}{2}$ °W. 56 lks. dist. mkd. $\frac{1}{4}$ S32 BT

Desc. 35 ft.

- 49.40 Swale, in small spur, extending N. Asc. 40 ft.
- 58.30 Apex of spur. Desc. 175 ft. over NW. slope.
- 72.40 Wash, 35 lks. wide, course N.60°E. Asc. 30 ft. over SE. slope.

Subdivision of T.11 S., R.32 E.

BOOK 3334

chains	
77.50	Across low saddle in spur, extending NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, with a stone 8 x 6 x 5 ins. mkd. X deposited alongside, and in a mound of stone to top, for the cor. of secs. 28, 29, 32 and 33, with brass cap mkd.
	T11S R32E S 29 S 28 S 32 S 33 1933
	A well and windmill bears S.21°15'W. about 13.00 chs. dist.
	Land, rough mountains and rolling hills. Soil, rocky, 3rd. rate. Timber, scattered juniper. Undergrowth, greasewood, catclaw and cacti.

	West on a random line bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 7 lks. N. of the cor. of secs. 29, 30, 31 and 32.
	Thence
	N.89°57'E. on true line bet. secs. 29 and 32.
	Over broken mountainous land, through scattered timber and undergrowth. Along N. slope.
6.00	Small spur, slopes N.
15.00	Shoulder of spur, from SW, slopes NE.
19.10	Desc. 310 ft. over broken E. slope.
31.25	Draw, 40 lks. wide, course N.20°E. Asc. 30 ft. over rolling NW. slope.
36.80	Change of slope to NE. Desc. 15 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, with a stone 8 x 8 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor, with brass cap mkd.
	$\frac{1}{4}$ S 29 S 32
	1933
	Desc. 15 ft.
47.00	Wash, 50 lks. wide, course NW. Asc. 135 ft. over W. slope.
59.50	Cross S. of low saddle in ridge, bearing N.20°W. and SE. Desc. 160 ft. along NNE. slope.
69.00	Drain, course N.15°E.
71.00	Drain, course N.10°E.

chains

75.00 Over very gentle slope.

77.93 Four strand wire fence, bears N.25°E. and S.25°W.

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

Land, broken and rolling hills.

Soil, rocky, 3rd. rate.

Timber, scattered juniper.

Undergrowth, greasewood, catclaw and cacti.

N.0°01'E. bet. secs. 28 and 29.

Over rolling and broken mountains, through scattered undergrowth.

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

4.48 Four strand wire fence, bears N.25°E. and S.25°W.

12.30 Wash, 30 lks. wide, course N.25°E. Along E. slope.

14.50 Gully, course E.

23.50 Gully, 30 lks. wide, course E. Asc. 230 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 12 ins. in the ground, to bedrock, with a stone 12 x 6 x 4 ins. mkd. X deposited alongside, and in a mound of stone to top. for $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 29 \mid \text{S } 28 \\ 1933 \end{array}$$

Asc. 15 ft.

41.50 Short rocky spur. slopes N.60°E.

Well and windmill bears S.85 $\frac{1}{2}$ °E.A concrete reservoir bears N.89 $\frac{1}{2}$ °E.A cabin bears N.78 $\frac{1}{4}$ °E.

Desc. 260 ft. over N. slope.

58.90 Wash, 30 lks. wide, course E. Asc. 130 ft. over S. slope.

67.40 Spur. slopes SE. Along E. slope.

70.00 Desc. 45 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. over cross (X) on exposed bedrock, supported in a mound of stone to top for the cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

$$\begin{array}{c} \text{T11S R32E} \\ \text{S } 20 \mid \text{S } 21 \\ \text{S } 29 \mid \text{S } 28 \\ 1933 \end{array}$$

Land, broken hills.

Soil, rocky, 3rd. rate.

Timber, very scattered juniper.

Undergrowth, greasewood, catclaw and cacti.

Subdivision of T.11 S., R.32 E.

BOOK 8888

chains	S.89°57'W. on a random line bet.secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 2 lks. N. of the cor. of secs. 19,20,29 and 30.
	Thence
	N.89°56'E. on true line bet.secs. 20 and 29.
	Over rolling mountains, through scattered undergrowth. Desc. 45 ft. over gentle NE. slope.
6.30	Wash, 30 lks. wide, course N. Asc. 165 ft. over SW.slope.
27.65	Spur, slopes NW. Desc. 130 ft. over NE. slope.
38.95	Wash, 30 lks. wide, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, with a stone 10 x 6 x 6 ins. mkd. X deposited alongside. and in a mound of stone to top. for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ $\frac{S}{S}$ $\frac{20}{29}$
	1933
	Asc. 360 ft. over SW. slope.
66.60	Flat topped ridge, from S. extends N. and NE. Desc. 205 ft. over E. slope.
80.00	The cor. of secs. 20,21,28 and 29.
	Land, rolling and broken mountains. Soil, rocky, 3rd. and 4th. rate. Timber, very scattered juniper. Undergrowth, greasewood, catclaw, yucca and cacti.

	N.0°01'E. bet. secs. 20 and 21.
	Over mountainous land, through scattered undergrowth. Along E. slope.
2.50	Head of drain, course SE.
4.80	Head of draw, course SE. Asc. 110 ft. over S. slope.
10.80	Ridge, bears E. and W. Desc. 430 ft. over N. slope. thru scattered timber.
27.00	Leave timber, bears E. and W.
38.50	Wash, 60 lks. wide, course N.65°E.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$
	S 20 S 21
	1933
	Asc. 190 ft. over rolling SE. slope.

chains

- 55.00 Small spur, slopes S.60°E.
 58.75 Gully, course SE.
 72.00 Cross saddle in spur, extending NE. Desc. 20 ft. along W. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 6 ins. in the ground, to bedrock, with a stone 8 x 8 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for the cor. of secs. 16,17,20 and 21, with brass cap mkd.

T11S R32E	
S 17	S 16
S 20	S 21

1933

Land, rolling mountains.
 Soil, rocky and gravelly, 3rd. and 2nd. rate.
 Timber, scattered juniper in S. $\frac{1}{2}$ mile.
 Undergrowth, greasewood, catclaw, cacti and yucca.

 S.89°56'W. on a random line bet.secs. 17 and 20.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line 7 lks. S. of the cor. of secs. 17,18,19 and 20.
 Thence
 N.89°59'E. on true line bet.secs. 17 and 20.
 Over rolling and broken hills, through scattered undergrowth. Desc. 80 ft. over NE. slope.
 8.50 Wash, 25 lks. wide, course NW. Asc. 195 ft. over an increasing W. slope.
 12.40 Wash. 25 lks. wide, course NW.
 37.70 Ridge, bears SE. and NW. Along top of ridge, near N. slope.
 39.99 Set an iron post, 3 ft. long, 1 in. diam. 10 ins. in the ground, to bedrock, with a stone 8 x 6 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 17
S 20

1933

- Desc. 150 ft. over NE. slope.
 49.50 Gulch, 20 lks. wide, course N. Asc. 155 ft. over W. slope
 58.60 Spur, extends N. Desc. 195 ft. over E. slope.
 69.50 Gully, 5 lks. wide, course N.60°E.
 71.00 Tip of small spur, slopes N.
 73.75 Head of draw, course N. Asc. 95 ft. over W. slope.
 79.98 The cor. of secs. 20,21,28 and 29.

chains

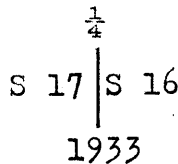
Land. rolling hills.
Soil, gravelly and rocky, 2nd. and 3rd. rate.
No timber.
Undergrowth, greasewood, yucca and cacti:

N.0°01'E. bet. secs. 16 and 17.

Over rolling hills, through scattered undergrowth.
Desc. 45 ft. over NW. slope.

- 5.00 Low ridge. from SE. slopes NW. Desc. 115 ft. over NE. slope.
- 17.00 Small spur. slopes NE.
- 22.00 Gully, course E. Along E. slope.
- 24.90 Small spur slopes E.
- 30.90 Gully, course N.70°E.

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

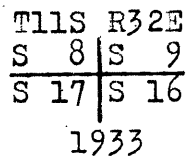


40.25 Low saddle in ridge, bears NE. and SW. Desc. 25 ft.

45.10 Head of drain. 5 lks. wide, course NW. Asc. 55 ft. over SW. slope.

75.00 Change of slope to NW. Desc. 45 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 8 ins. in the ground, to bedrock, with a stone 10 x 10 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top. for the cor. of secs. 8,9,16 and 17. with brass cap mkd.



Land. rolling foothills.
Soil, rocky, 3rd. rate.
No timber.
Undergrowth, greasewood and cacti.

S.89°59'W. on a random line bet.secs. 8 and 17.

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

80.04 Intersect N. and S. line at the cor. of secs. 7,8,17 and 18.

Thence

N.89°59'E. on true line bet.secs. 8 and 17.

Over rolling hills, through scattered undergrowth.

chains

Desc. 10 ft. over slight E. slope.

2.20 Enter flat draw, course N.20°E.

7.50 Leave draw. Asc. 30 ft. over slight NW. slope.

27.30 Wash, 10 lks. wide, course NW. Asc. 125 ft. over W.slope.

40.02 Set an iron post, 3 ft. long, 1 in. diam. on bedrock. with a stone 14 x 10 x 6 ins. mkd. X. deposited along-side, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} S \ 8 \\ S \ 17 \end{array}$$

1933

42.00 Spur, slopes NW. Asc. 70 ft. over NW. slope.

52.00 Flat rocky spur, slopes N.20°E. Desc. 165 ft. over E. slope.

72.75 Wash, 40 lks. wide, course NE. Asc. 60 ft. over NW.slope.

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

Land, rolling and broken foothills.

Soil, rocky, 3rd. rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

N.0°01'E. bet. secs. 8 and 9.Over gently rolling land, through scattered undergrowth.
Desc. 60 ft. over NW. slope.

6.50 Enter valley, course N.30°E. Over nearly level land.

7.85 Wash, 60 lks. wide, course NE.

15.00 Asc. 40 ft. over slight SE. slope.

21.00 Change of slope to E.

25.00 Desc. 30 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, with a stone 8 x 8 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} S \ 8 \ | \ S \ 9 \end{array}$$

1933

Asc. 90 ft. over an increasing SE. slope.

52.15 Top of spur, from S.30°W. extends N.

62.00 Leave spur, slopes NW. Desc. 185 ft. over N. slope.

78.00 Foot of descent; over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the cor. of secs. 4,5,8 and 9. with brass cap mkd.

chains

T11S R32E			
S	5	S	4
S	8	S	9

1933

Land, gently rolling and hilly.
 Soil, gravelly and rocky, 2nd. and 3rd. rate.
 No timber.
 Undergrowth, greasewood and cacti.

S.89°59'W. on a random line bet.secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line at the cor. of secs. 5,6,7, and 8.

Thence

N.89°59'E. on true line bet.secs. 5 and 8.

Over nearly level land, through scattered undergrowth.

26.40 Wash, 40 lks. wide, course N.20°E.

40.01 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S	5
1/4	S	8

1933

46.50 Shallow grassy swale, 5 chs. wide, draining N.20°E.

50.00 Asc. 65 ft. over W. slope.

60.10 Top of small knoll. Desc. 95 ft. over E. slope.

70.30 Drain, 5 lks. wide, course N.15°E. Over nearly level land

80.02 The cor. of secs. 4,5,8 and 9.

Land, nearly level, drains NE.
 Soil, gravelly, and rocky, 2nd. rate.
 No timber.
 Undergrowth, greasewood and yucca.

N.0°01'E. on true line bet.secs. 4 and 5.

Over nearly level land, through scattered undergrowth.
 Desc. 15 ft.

24.55 Four strand wire fence, bears N.76°W. and S.76°E. Enter grassy swale, draining NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S	4	
S	5	S	4

1933

Subdivision of T.11 S., R.32 E.

chains	Raise a mound of stone 3 ft. base, 3 ft. high. W. of cor.
42.00	Asc. rocky SE. slope 100 ft.
59.90	Cross ridge of low hill, extending N.20°E., and along W. slope.
70.00	Small spur. slopes NW. Desc. 45 ft. over N. slope.
75.94	Intersect the Second Standard Parallel South.
	Set an iron post, 3 ft. long, 2 ins. diam. 6 ins. in the ground, to bedrock, with a stone 14 x 9 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top, for closing cor. of secs. 4 and 5, with brass cap mkd.
	T10S R32E S 32 ----- S 5 S 4 CC T11S R32E 1933
	From point of intersection the standard $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 32, T.10 S., R.32 E. bears East 1.23 chs. dist.; an iron post, 1 in. diam. firmly set, mkd. and witnessed as described in the official record.
	From the same point the standard cor. of secs. 31 and 32 T.10 S., R.32 E. bears West 38.77 chs. dist.; an iron post 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.
	Land, nearly level in the S. $\frac{1}{2}$; broken hills in N. $\frac{1}{2}$. Soil. gravelly clay and rocky, 2nd. and 3rd. rate. No timber. Undergrowth, greasewood and grasses.

	At mid-point on the N. bdy. of sec. 5. West 1.24 chs. dist. from the standard cor. of secs. 31 and 32. set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 5 only, with brass cap mkd.
	$\frac{1}{4}$ S 5 ----- 1933
	raise a mound
	of stone 4 ft. base, 3 ft. high. S. of cor.

	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp.; which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.
	N.0°02'E. bet. secs. 33 and 34.
	Over very gently rolling land, through scattered undergrowth. Desc. 50 ft.
3.60	Wash, 25 lks. wide, course N.70°E.
5.70	Wash. 20 lks. wide, course N.70°E.
15.00	Low flat spur, slopes N.80°E.
20.40	Wash, 10 lks. wide. course NE.

Subdivision of T.11 S., R.32 E.

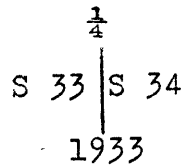
BOOK 1984

chains

32.45 Four strand wire fence, bears S.7°E. and N.7°W.

35.25 Wash, 20 lks. wide, course S.80°E.

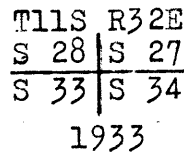
40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.



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

63.00 Wash. 1.00 ch. wide, course N.75°E. Asc. 15 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for the cor. of secs. 27, 28, 33 and 34, with brass cap mkd.



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

Land, gently rolling, drains E.
Soil, gravelly, 2nd. rate.
No timber.
Undergrowth, greasewood and yucca.

West on a random line bet. secs. 28 and 33.

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

80.06 Intersect N. and S. line 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N.89°58'E. on true line bet. secs. 28 and 33.

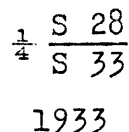
Over rolling and broken land, through scattered undergrowth.

3.80 Drain, course SE. Asc. 30 ft. over SW. slope.

12.75 Spur, from N. slopes SE. Desc. 105 ft. over NE. slope.

22.30 Gully, 15 lks. wide, course S.70°E. Desc. 65 ft. over SE. slope.

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



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

Desc. 15 ft.

Subdivision of T.11 S..R.32 E.

chains

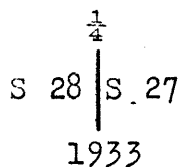
- 42.50 Wash (same) 30 lks. wide, course N.20°E. Asc. 80 ft. over NW. slope.
- 57.50 Spur (same) slopes N.20°E. Desc. 135 ft. over E. slope.
- 67.00 Three strand wire fence, bears N.30°E. and S.30°W.
- 70.00 Over level land.
- 75.05 Four strand wire fence, bears N.6°W. and S.6°E.
- 80.06 The cor. of secs. 27,28,33 and 34.

Land, rolling foothills.
 Soil, rocky. 3rd. rate.
 No timber.
 Undergrowth, greasewood and cacti.

 N.0°02'E. bet. secs. 27 and 28.

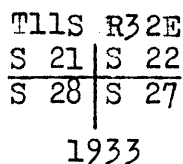
Over rolling hills, through scattered undergrowth. Asc. a slightly increasing SE. slope 25 ft.

- 9.60 Road, bears N.60°W. and S.60°E.
- 10.00 Low divide, bears N.70°E. and S.70°W. Desc. 40 ft. over N. slope.
- 18.30 Old roadway, bears N.60°E. and S.60°W.
- 24.20 Wash, 30 lks. wide, course E. Asc. 115 ft. over SE.slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, to bedrock, with a stone 10 x 8 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.



Along E. slope.

- 50.00 Desc. 35 ft. over NE. slope.
- 55.70 Gully, course S.70°E. Asc. 80 ft. over S. slope.
- 63.00 Low saddle in ridge, bearing W. and E.
- 65.00 Desc. 110 ft. over N. slope.
- 74.80 Gully, course NE. Along E. slope.
- 78.60 Gully, course E. Asc. 15 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 14 ins. in the ground, to bedrock, with a stone 8 x 6 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for the cor. of secs. 21,22,27 and 28, with brass cap mkd.



Subdivision of T.11 S.,R.32 E.

BOOK 1184

chains

Land, rolling hills.
Soil, rocky. 2nd. and 3rd. rate.
No timber.
Undergrowth, greasewood and cacti.

S.89°58'W. on a random line bet.secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 3 lks. N. of the cor. of secs. 20,21,28 and 29.

Thence

N.89°57'E. on true line bet.secs. 21 and 28.

Over mountainous land, through scattered undergrowth.
Desc. 35 ft. over E. slope.

2.00 Draw, 10 lks. wide, course S.20°E. Asc. 75 ft. over SW. slope.

12.00 Change of slope to W. Asc. 125 ft. over a gradually increasing slope.

29.60 Top of ridge, bears N.70°W. and S.70°E.

A cabin, bears S.10°W.
Concrete reservoir bears S.13°45'W.
Well and windmill bears S.14 1/2°W.

Along N. slope. through scattered timber; desc. 30 ft.

40.03 Set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, with a stone 10 x 8 x 6 ins. mkd. X deposited alongside, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4 S 21
S 28

1933

from which

A juniper, 20 ins. diam. bears S.82 1/2°W. 109 lks. dist.
mkd. 1/4 S28 BT

Desc. 100 ft. over NE. slope.

46.70 Head of gully, course N. Asc. 80 ft. over NW. slope.

53.50 Along N. slope.

57.50 Desc. 40 ft. over NE. slope.

60.40 Spur, slopes steeply NE. Desc. 100 ft. over E. slope.

65.50 Change of slope to SE. Desc. 190 ft.

80.06 The cor. of secs. 21,22,27 and 28.

Land, mountainous.
Soil, rocky, 3rd. rate.
Timber, scattered juniper.
Undergrowth, greasewood, catclaw and cacti.

Subdivision of T.11 S., R.32 E.

chains

N.0°02'E. bet. secs. 21 and 22.

Over rolling hills, through scattered undergrowth.
Asc. 5 ft.

2.50 Low divide, slopes NE. Desc. 140 ft. over gentle N. slope.

30.00 Wash, 15 lks. wide, 2 ft. deep, course NW. Asc. 70 ft.
over SW. slope.40.00 Set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the
ground, to bedrock, with a stone 8 x 6 x 6 ins. mkd. X
deposited alongside, and in a mound of stone to top, for
 $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 21 \mid \text{S } 22 \\ \hline 1933 \end{array}$$

Asc. 30 ft.

48.50 Change of slope to W.; desc. 20 ft.

58.50 Change of slope to N.; desc. 145 ft.

78.80 Drain, 5 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the
ground, for the cor. of secs. 15, 16, 21 and 22. with
brass cap mkd.
$$\begin{array}{c} \text{T11S R32E} \\ \text{S } 16 \mid \text{S } 15 \\ \text{S } 21 \mid \text{S } 22 \\ \hline 1933 \end{array}$$

raise a mound

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

Land, rolling hills.

Soil, rocky, 3rd. rate.

No timber.

Undergrowth, greasewood and yucca.

S.89°57'W. on a random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.00 Intersect N. and S. line 7 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence

N.89°54'E. on true line bet. secs. 16 and 21.

Over rolling hills, through scattered undergrowth.
Asc. 75 ft. over NW. slope.6.00 Top of knoll, on divide, bearing SW., NW. and NE. Desc.
220 ft. over SE. slope.

26.00 Change to slight SE. slope,; desc. 40 ft.

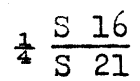
40.00 Set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the
ground, to bedrock, with a stone 6 x 4 x 4 ins. mkd. X

Subdivision of T.11 S.,R.32 E.

Book 5084

chains

deposited alongside, and in a mound of stone to top. for 1/4 sec. cor. with brass cap mkd.



1933

Over nearly level land; desc. 20 ft.

72.70 Wash, 1.00 ch. wide, course N.70°E.

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

Land, rolling hills and level valley.
Soil, rocky and gravelly, 3rd. and 2nd. rate.
No timber.
Undergrowth, greasewood and yucca.

N.0°02'E. bet. secs. 15 and 16.

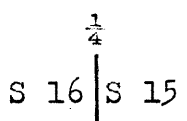
Over nearly level land, through scattered undergrowth.

2.35 Wash, 50 lks. wide, course N.65°E.

6.50 Wash, 30 lks. wide, course N.65°E. Desc. 30 ft. over gentle NE. slope.

23.40 Drain, 4 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

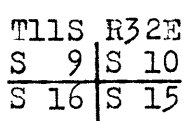


1933

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

Desc. 50 ft. over very gentle slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the cor. of secs. 9,10,15 and 16, with brass cap mkd.



1933

raise a mound of stone 4 ft. base, 3 ft. high. W. of cor.

Land, nearly level.
Soil, gravelly. 2nd. rate.
No timber.
Undergrowth, greasewood and yucca.

S.89°54'W. on a random line bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line at the cor. of secs. 8,9,16 and 17.

chains	
	Thence
	N.89°54'E. on true line bet. secs. 9 and 16.
	Over rolling foothills, through scattered undergrowth. Asc. 95 ft. over NW. slope.
7.25	Along N. slope.
9.50	Desc. 90 ft. over NE. slope.
17.35	Gully, course NW. Asc. 150 ft. over rocky W. slope.
27.45	Top of ascent; across flat spur, sloping N.15°E.
28.45	Desc. 200 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground for $\frac{1}{4}$ sec.cor. with brass cap mkd.
	$\frac{1}{4} \frac{S}{S} \frac{9}{16}$
	1933
	raise a mound
	of stone 4 ft. base, 3 ft. high. N. of cor.
	Desc. 80 ft. over a decreasing E. slope.
50.00	Over nearly level land.
54.95	Drain, 5 lks. wide, course N.
61.95	Drain, 5 lks. wide, course N.10°E.
67.50	Asc. 10 ft.
73.00	Over level land.
80.00	The cor. of secs. 9,10,15 and 16.
	Land, broken hills. Soil, rocky and gravelly, 3rd. and 2nd. rate. No timber. Undergrowth, greasewood and yucca.

	N.0°02'E. bet. secs. 9 and 10.
	Over nearly level land, through scattered undergrowth. Desc. 70 ft.
9.70	Drain, 5 lks. wide, course N.15°W.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 25 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 9 S 10
	1933
	raise a mound
	of stone 3 ft. base, 2 ft. high. W. of cor.
80.00	Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the cor. of secs. 3,4,9 and 10. with brass cap mkd.

chains

T11S R32E
 S 4 | S 3
 S 9 | S 10
 1933

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

Land, nearly level, drains N.
 Soil, gravelly clay, 2nd. rate.
 No timber.
 Undergrowth, greasewood and yucca.

S.89°54'W. on a random line bet.secs. 4 and 9.

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

79.98 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 4,5,8 and 9.

Thence

N.89°56'E. on true line bet.secs. 4 and 9.

Over nearly level land, through scattered undergrowth.

30.00 Wash, .75 lks. wide, course NE.

39.99 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 4
 S 9

1933

raise a mound
 of stone 4 ft. base, 3 ft. high, N. of cor.

55.00 Desc. 45 ft. over gradual E. slope.

68.70 Grassy swale, draining NE. Over level land.

79.98 The cor. of secs. 3,4,9 and 10.

Land, level and gently rolling.
 Soil, gravelly and rocky clay, 2nd. rate.
 No timber.
 Undergrowth, greasewood and cacti.

N.0°02'E. on true line bet.secs. 3 and 4.

Over nearly level land, through scattered undergrowth.
 Desc. 40 ft.

26.50 Shallow grassy swale. 5 chs. wide, draining NE.

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

$\frac{1}{4}$
 S 4 | S 3

1933

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

chains

Asc. 12 ft. over SE. slope.

46.00 Over nearly level land; desc. 10 ft. over very gentle slope.

48.24 Four strand wire fence, bears N.57°E. and S.57°W.

75.83 Intersect the Second Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the closing cor. of secs. 3 and 4, with brass cap mkd.

T10S R32E

S 33

S 4 | S 3

CC

T11S R32E

1933

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

From point of intersection the standard $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 33, T.10 S., R.32 E. bears East 1.32 chs. dist.; an iron post, 1 in. diam. firmly set, mkd. and witnessed as described in the official record.

From the same point the standard cor. of secs. 32 and 33, T.10 S., R.32 E. bears West 38.68 chs. dist.; an iron post 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

Land, gently rolling and nearly level.
Soil, gravelly and rocky clay, 2nd. and 3rd. rate.
No timber.
Undergrowth, greasewood, grasses and yucca.

At mid-point on the N. bdy. of sec. 4. West 1.27 chs. dist. from the standard cor. of secs. 32 and 33, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4 only, with brass cap mkd.

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

1933

raise a mound
of stone 4 ft. base, 3 ft. high, S. of cor.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

N.0°02'E. bet. secs. 34 and 35.

Over nearly level land, through scattered undergrowth.
Desc. 40 ft. over very gentle NE. slope.

1.70 Road. bears SW. to Piersons' Ranch. and NE. to Summit.

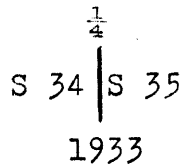
31.10 Wash, 20 lks. wide, course NE.

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

Subdivision of T.11 S.,R.32 E.

BOOK 1084

chains



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

Asc. 40 ft. over very gradual SE. slope.

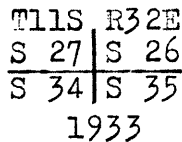
65.00 Wash, 10 lks. wide, course E.

70.00 Road, bears E. and W.

75.00 Slight spur, slopes E.

79.95 Drain, 5 lks. wide, 2 ft. deep, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 8 ins. in the ground, to bedrock, with a stone 8 x 6 x 3 ins. mkd. X deposited alongside, and in a mound of stone to top, for the cor. of secs. 26,27,34 and 35, with brass cap mkd.



Land, nearly level.
Soil, gravelly and rocky clay, 2nd. and 3rd. rate.
No timber.
Undergrowth, greasewood and yucca.

West on a random line bet.secs. 27 and 34.

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

80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs. 27,28,33 and 34.

Thence

N.89°58'E. on true line bet.secs. 27 and 34.

Over gently rolling land, through scattered undergrowth.
Desc. 15 ft.

10.00 Head of small drain, course SE. Asc. 10 ft.

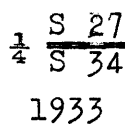
16.50 Road, bears N.60°W. and S.60°E.

25.00 Low flat spur, extends S.60°E. Desc. 40 ft. over NE.slope.

37.75 Wash, 20 lks. wide, course S.70°E.

39.30 Drain, 10 lks. wide, 4 ft. deep, course SE.

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



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

41.40 Drain, 5 lks. wide, 2 ft. deep, course SE. Asc. 50 ft. over gentle SW. slope.

Subdivision of T.11 S., R.32 E.

chains

45.25 Drain, 5 lks. wide, course SE.

14.06 Small spur, slopes SE. Desc: 90 ft. over E. slope.

79.80 Drain, 5 lks. wide, 1 ft. deep, course SE.

80.00 The cor. of secs. 26, 27, 34 and 35.

Land, gently rolling.

Soil, gravelly and rocky, 3rd. and 2nd. rate.

No timber.

Undergrowth, greasewood.

East on true line bet. secs. 26 and 35.

Desc. 45 ft. over gentle E. slope, through scattered undergrowth.

0.80 Drain, 5 lks. wide, 1 ft. deep, course N.60°E.

38.45 Drain, 5 lks. wide, course N.30°E.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} S 26 \\ S 35 \end{array}$$

1933

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

41.91 Intersect the Arizona-New Mexico State line.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for closing cor. of secs. 26 and 35, with brass cap mkd.

$$\begin{array}{l} T11S \\ R32E \\ \hline CC \begin{array}{l} S 26 \\ S 35 \end{array} \end{array} \begin{array}{l} NEW \\ MEXICO \end{array}$$

1933

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

From point of intersection the 314th. mile monument on the Arizona-New Mexico State line, hereinbefore described, bears N.0°06'E. 8.83 chs. dist.

Land, nearly level, drains NE.

Soil, gravelly clay, 2nd. rate.

No timber.

Undergrowth, scattered greasewood and grasses.

At mid-point on the E. bdy. of sec. 35, N.0°06'E. 31.40 chs. dist. from the 315th. mile monument on the Arizona-New Mexico State line, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 35, with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} S 35 \\ \hline NEW \\ MEXICO \end{array}$$

1933

raise a mound

chains

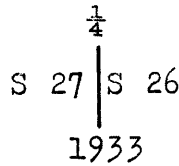
stone, 3 ft. base, 2 ft. high, W. of cor.

 From the cor. of secs. 26, 27, 34 and 35.

N.0°02'E. bet. secs. 26 and 27.

Asc. 40 ft. over very gentle SE. slope, through scattered undergrowth.

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



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

A bench mark of the U.S. Geological Survey, published elevation 4628 ft. above mean sea level, bears S.82°41'E 28.88 chs. dist.; a brass tablet seated in a malapais ledge, conforming to the record.

Asc. 25 ft.

45.00 Low divide, from W. slopes S.80°E.

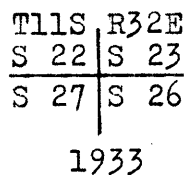
49.40 Small gully, course N.70°E.

55.00 Change of slope to E.

60.00 Desc. 55 ft. over very gentle NE. slope.

78.50 Drain, 10 lks. wide, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 22, 23, 26 and 27, with brass cap mkd.



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

Land, very gently rolling, - nearly level.

Soil, rocky clay, 2nd. rate.

No timber.

Undergrowth, scattered greasewood.

 S.89°58'W. on a random line bet. secs. 22 and 27.

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

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

Thence

N.89°55'E. on true line bet. secs. 22 and 27.

Subdivision of T.11 S., R.32 E.

chains

Over gently rolling land, through scattered undergrowth.
Desc. 30 ft. over SE. slope.

4.40 Wash, 25 lks. wide, course N.30°E. Asc. 45 ft. over gentle NW. slope.

12.50 Change of slope to N. Broad flat spur slopes N.20°E.

17.50 Desc. 105 ft.

24.90 Drain, 5 lks. wide, course NE.

39.99 Set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the ground, to bedrock, with a stone 8 x 6 x 5 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\frac{1}{4} \frac{S \ 22}{S \ 27}$$

1933

Continue descent 40 ft.

50.00 Old roadway, bears N. and S.

58.30 Wash, 40 lks. wide, course N.25°E. Over nearly level land draining N. Asc. 5 ft.

63.70 Old roadway, bears NE. and SW.

70.00 Desc. 15 ft. over gentle E. slope.

79.98 The cor. of secs. 22, 23, 26 and 27.

Land, slightly rolling.
Soil, rocky clay, 3rd. rate.
No timber.
Undergrowth, greasewood and yucca.

East on true line bet. secs. 23 and 26.

Desc. 35 ft. over gentle E. slope, through scattered undergrowth.

11.10 Wash, 25 lks. wide, 5 ft. deep, course N.25°E. Asc. 60 ft. over gentle NW. slope.

30.00 Broad low spur, slopes N.15°E. Desc. 50 ft. over NE. slope.

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

$$\frac{1}{4} \frac{S \ 23}{S \ 26}$$

1933

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

41.21 Intersect the Arizona-New Mexico State line.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for closing cor. of secs. 23 and 26, with brass cap mkd.

chains

T11S
R32E
CC $\frac{S\ 23}{S\ 26}$ NEW
MEXICO
1933

raise a mound
of stone 4 ft. base, 3 ft. high. W. of cor.

From point of intersection the 313th. mile monument on the Arizona-New Mexico State line, hereinbefore described, bears N.0°32'W. 9.32 chs. dist.

Land, nearly level, drains NE.
Soil, rocky clay, 3rd. rate.
No timber.
Undergrowth, scattered greasewood.

At mid-point on the E. bdy. of sec. 26, N.0°32'W. 31.16 chs. dist. from the 314th. mile monument on the Arizona-New Mexico State line, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 4 ins. in the ground, to bedrock, with a stone 9 x 7 x 5 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 26, with brass cap mkd.

$\frac{1}{4}$
S 26 NEW
MEXICO
1933

From the cor. of secs. 22, 23, 26 and 27.

N.0°02'E. bet. secs. 22 and 23.

Along gentle E. slope, through scattered undergrowth.

- 15.00 Desc. 70 ft. over gradual NE. slope.
- 19.70 Old roadway, bears NE. and SW.
- 28.30 Enter wash. 60 lks. wide, 2 ft. deep, from SW. course N.
- 31.50 Channel of wash, course NW.
- 35.70 Channel of wash, course NE.
- 36.00 Left bank of wash. 5 ft. high.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 22 S 23
1933

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

- 77.50 Wash, 40 lks. wide, course NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the

Subdivision of T.11 S., R.32 E.

chains

ground, for the cor. of secs. 14,15,22 and 23, with
brass cap mkd.

T11S	R32E
S 15	S 14
S 22	S 23

1933

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

Land. nearly level, drains NE.
Soil. gravelly clay, 2nd. rate.
No timber.
Undergrowth, greasewood, yucca and mesquite.

S.89°55'W. on a random line bet. secs. 15 and 22.

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

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

Thence

N.89°56'E. on true line bet. secs. 15 and 22.

Desc. 50 ft. over gentle NE. slope, through scattered
undergrowth.

33.30 Drain. 5 lks. wide, course N.20°E.

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

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

1933

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

43.50 Drain, course N.15°E. Asc. 50 ft. over gentle NW. slope.

58.50 Change of slope to N.

60.50 Desc. 70 ft. over a decreasing NE. slope.

72.00 Old roadway. bears N. and S. Over nearly level land.

79.98 The cor. of secs. 14,15,22 and 23.

Land, gently rolling.
Soil, rocky. 3rd. rate.
No timber.
Undergrowth, greasewood and yucca.

East on true line bet. secs. 14 and 23.

Over nearly level land, through scattered undergrowth.

2.10 Wash, 30 lks. wide, course N.35°E. Asc. 40 ft. over
gentle W. slope.

9.00 Top of broad flat spur, sloping NE. Desc. 40 ft. over E.
slope.

Subdivision of T.11 S., R.32 E.

BOOK 3034

chains

28.00 Flat wash, 30 lks. wide, course N.25°E. Over level land.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground. for 1/4 sec. cor. with brass cap mkd.

1/4 S 14
S 23

1933

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

41.09 Intersect the Arizona-New Mexico State line.

Set an iron post, 3 ft. long, 2 in. diam. 32 ins. in the ground, for closing cor. of secs. 14 and 23, with brass cap mkd.

T11S
R32E
S 14 NEW
CC S 23 MEXICO

1933

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

From point of intersection the 312th. mile monument on the Arizona-New Mexico State line, hereinbefore described bears N.0°01'W. 9.51 chs. dist.

Land, very gently rolling.
Soil, gravelly clay. 2nd. rate.
No timber.
Undergrowth, greasewood.

At mid-point on the E. bdy. of sec. 23, N.0°01'W. 30.69 chs. dist. from the 313th. mile monument on the Arizona-New Mexico State line, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 10 ins. in the ground to bedrock, with a stone 8 x 6 x 6 ins. mkd. X. deposited alongside, and in a mound of stone to top. for 1/4 sec. cor. of sec. 23. with brass cap mkd.

1/4
S 23 NEW
MEXICO

1933

From the cor. of secs. 14,15,22 and 23.

N.0°02'E. bet. secs. 14 and 15.

Desc. 85 ft. over very gentle NE. slope, through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, with a stone 10 x 8 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top. for 1/4 sec. cor. with brass cap mkd.

1/4
S 15 S 14

1933

chains							
78.50	Channel of wash, 35 lks. wide, 5 ft. deep, course N.30°E.						
80.00	Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for the cor. of secs. 10,11,14 and 15. with brass cap mkd.						
	<table border="1"> <tr> <td colspan="2">T11S R32E</td> </tr> <tr> <td>S 10</td> <td>S 11</td> </tr> <tr> <td>S 15</td> <td>S 14</td> </tr> </table>	T11S R32E		S 10	S 11	S 15	S 14
T11S R32E							
S 10	S 11						
S 15	S 14						
	1933						
	raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.						
	Land, nearly level, drains NE. Soil, rocky and gravelly clay, 2nd. and 3rd. rate. No timber. Undergrowth, greasewood and yucca.						

	S.89°56'W. on a random line bet. secs. 10 and 15.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.96	Intersect N. and S. line 2 lks. N. of the cor. of secs. 9,10,15 and 16.						
	Thence						
	N.89°55'E. on true line bet. secs. 10 and 15.						
	Over nearly level land, through scattered undergrowth.						
39.98	Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.						
	<table border="1"> <tr> <td>$\frac{1}{4}$ S 10</td> </tr> <tr> <td>S 15</td> </tr> </table>	$\frac{1}{4}$ S 10	S 15				
$\frac{1}{4}$ S 10							
S 15							
	1933						
	raise a mound of stone 3 ft. base, 2 ft. high. N. of cor.						
45.00	Desc. 20 ft. over slight NE. slope.						
45.40	Old roadway, bears N. and S.						
77.10	Drain, course N.20°E.						
79.40	Wash. 30 lks. wide, course NE.						
79.96	The cor. of secs. 10,11,14 and 15.						
	Land, nearly level, drains NE. Soil, gravelly clay, 2nd. rate. No timber. Undergrowth, greasewood and yucca.						

	East on true line bet. secs. 11 and 14.						
	Over nearly level land, through scattered undergrowth.						
0.70	Wash, 35 lks. wide, 3 ft. deep, course N.						
11.50	Shallow swale, drains N.20°E.						

chains

40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 11
S 14

1933

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

41.13 Intersect the Arizona-New Mexico State line.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for closing cor. of secs. 11 and 14, with brass cap mkd.

T11S
R32E
S 11 | NEW
CC S 14 | MEXICO

1933

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

From point of intersection the 311th. mile monument on the Arizona-New Mexico State line, hereinbefore described bears N.0°04'E. 9.79 chs. dist.

Land, nearly level, drains NE.
Soil. clay, 2nd. rate.
No timber.
Undergrowth, greasewood.

At mid-point on the E. bdy. of sec. 14, N.0°04'E. 30.46 chs. dist. from the 312th. mile monument, on the Arizona-New Mexico State line, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 14, with brass cap mkd.

$\frac{1}{4}$
S 14 | NEW
MEXICO

1933

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

From the cor. of secs. 10, 11, 14 and 15.

N.0°02'E. bet. secs. 10 and 11.

Over nearly level land, through scattered undergrowth.

0.40 Wash, 30 lks. wide, course N.60°E.

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

$\frac{1}{4}$
S 10 | S 11

1933

raise a mound

chains

of stone 3 ft. base, 2 ft. high, W. of cor.

Desc. 40 ft. over very gentle slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground. for the cor. of secs. 2,3,10 and 11. with brass cap mkd.

T11S	R32E
S 3	S 2
S 10	S 11

1933

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

Land, nearly level, drains NE.
Soil, gravelly clay, 2nd. rate.
No timber.
Undergrowth, greasewood and yucca.

S.89°55'W. on a random line bet.secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line at the cor. of secs. 3,4,9 and 10.

Thence

N.89°55'E. on true line bet.secs. 3 and 10.

Over nearly level land, draining NE., through scattered undergrowth.

25.95 Old roadway, bears N.20°W. and S.20°E.

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

1/4 S 3
S 10

1933

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

66.00 Shallow swale, drains N.

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

Land, level.
Soil, gravelly clay, 2nd. rate.
No timber.
Undergrowth, greasewood and yucca.

East on true line bet.secs. 2 and 11.

Over level land, through scattered undergrowth.

7.60 Drain. course N.15°E.

25.00 Enter shallow grassy swale. 5.00 chs. wide, draining NE.

Subdivision of T.11 S., R.32 E.

BOOK 808

chains

40.00 Set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 2
S 11

1933

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

41.18 Intersect the Arizona-New Mexico State line.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for closing cor. of secs. 2 and 11, with brass cap mkd.

T11S
R32E
S 2 NEW
CC S 11 MEXICO

1933

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

From point of intersection the 310th. mile monument on the Arizona-New Mexico State line, hereinbefore described bears N.0°04'E. 10.20 chs. dist.

Land, nearly level.

Soil, gravelly clay, 2nd. rate.

No timber.

Undergrowth, greasewood and grasses.

At mid-point on the E. bdy. of sec. 11, N.0°04'E. 30.22 chs. dist. from the 311th. mile monument on the Arizona-New Mexico State line, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. of sec. 11. with brass cap mkd.

1/4
S 11 NEW
MEXICO

1933

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

At a point on the E. bdy. of sec. 2, 40.00 chs. in latitude from the closing cor. of secs. 2 and 11, N.0°06'E. 29.80 chs. dist. from the 310th mile monument on the Arizona-New Mexico State line, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for 1/4 sec. cor. of sec. 2. with brass cap mkd.

1/4
S 2 NEW
MEXICO

1933

dig pits. 24 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.

Subdivision of T.11 S., R.32 E.

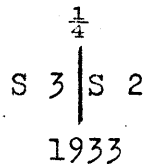
chains

From the cor. of secs. 2,3,10 and 11.

N.0°02'E. bet. secs. 2 and 3.

Desc. 35 ft. over nearly level land, through scattered undergrowth.

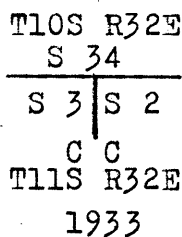
40.00 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.



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

75.70 Intersect the Second Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam. 32 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap mkd.



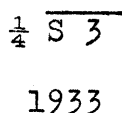
24.x 18 x 12 ins..E. S. and W. of cor. 3 ft. dist. dig pits

From point of intersection the standard $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 34, T.10 S.,R.32 E. bears East 1.38 chs. dist.; an iron post, 1 in. diam. firmly set, mkd. and witnessed as described in the official record.

From the same point the standard cor. of secs. 33 and 34, T.10 S.,R.32 E. bears West 38.62 chs. dist.; an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

Land, very gentle rolling, drains NE.
Soil, gravelly clay, 2nd. rate.
No timber.
Undergrowth, greasewood and yucca..

At mid-point on the N. bdy. of sec. 3, West 1.35 chs. dist. from the standard cor. of secs. 33 and 34, set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap mkd.



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

At a point on the N. bdy. of sec. 2, 40.00 chs. in departure from the closing cor. of secs. 2 and 3; West 1.25 chs. dist. from the standard closing cor. of T.10 S.,

Subdivision of T.11 S., R.32 E.

BOOK 3889

chains

R.32 E. set an iron post, 3 ft. long, 1 in. diam. 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2 only, with brass cap mkd.

$\frac{1}{4}$ S 2

1933

24 x 18 x 12 ins. E. and W. of cor. 3 ft. dist. dig pits.

The standard closing cor. of T.10 S., R.32 E. is an iron post, 3 ins. diam. firmly set, 12 ins. above ground, and witnessed as described in the official record. This cor. now referring to T.11 S. R.32 E. alter the marks on the brass cap to

	SC	
	T10S	
	R32E	
	S 34	NEW
CC	S 2	MEXICO
	T11S	
	R32E	
	1932	

Final Test of Solar Attachment.

May 30, 1933. At the azimuth station previously established in sec. 28. T.11 S., R.32 E. at 5h. 00m. p.m. l.app.t. set off $32^{\circ}27'N$ on the latitude arc, $21^{\circ}50\frac{1}{2}'N$ on the declination arc, and orient the instrument with the solar. the line of sight agrees with the true meridian.

May 31, 1933. At 7h. 00m. a.m. app. t., with the latitude arc unchanged and a setting of $21^{\circ}55\frac{1}{2}'N$ on the declination arc, repeat the test of the solar; the line of sight agrees with the true meridian.

May 31, 1933.

General Description.

T.11 S., R.32 E. lies northeast of, and adjacent to the Peloncillo Mountains, the elevation ranging from 4200 to nearly 6000 feet. above sea level. The soil varies from a sandy clay to an igneous rock formation; from 2nd. to 4th. rate in character. There is little timber, a stunted and scattering growth of juniper exists through the mountains; the undergrowth consists of greasewood, yucca some few forms of cacti.

Willow Springs, a developed watering place. is situated in section 28. Developed water is also noted in the north east quarter of section 32. Roy Mosley has made homestead entry in section 31. the improvements consisting of living quarters and some irregular wire fencing.

The township affords some fair grasses, and the total area is utilized as a grazing range. Lack of water precludes any present or future agricultural development.

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Ray McCreary	1st. chairman.
John Boggs	2nd. chairman.
J. B. Chumbley	flagman.
Albert Heath	cornerman.

BOOK 3984

CERTIFICATE OF UNITED STATES SURVEYOR

I, Dupree R. Averill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of February, 1933, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed the Arizona-New Mexico State boundary from the 309 Mile Monument to the 316 Mile Monument; and surveyed the subdivisional lines of fractional Township 11 South, Range 32 East,

of the Gila and 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 all the corners of and resurvey said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

Glendale, California.
October 9, 1933.

[Signature of Dupree R. Averill]

Dupree R. Averill. U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, January 13, 1934.

The foregoing field notes of the survey of the Arizona-New Mexico State boundary from the 309 Mile Monument to the 316 Mile Monument; and of the survey of the subdivisional lines of fractional Township 11 South, Range 32 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Dupree R. Averill, U.S. Surveyor,

under his special instructions dated February 27, 1933, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

[Signature of U.S. Supervisor of Surveys]

U. S. Supervisor of Surveys.

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

U. S. Supervisor of Surveys.