

(1)

3916

3916

FIELD NOTES

OF RETRACEMENT OF

Part of the Arizona-New Mexico State Boundary Line

Boundary along the West Boundary of T. 7 S., R. 32 E.

Resurvey of OF THE RESURVEY OF T. 7 S., R. 32 E. and

the West Boundary of Fractional Township 7 South, Range 32 East

AND OF THE SURVEY OF

the Subdivision Lines of

Fractional Township 7 South, Range 32 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Charles E. Hunter,

U.S. Transitman.

In the capacity of U. S. Surveyor, under Special Instructions dated June 9, 1930, issued by the District Cadastral Engineer to govern surveys included in Group No. 161, Arizona, which were approved by the Commissioner of the General Land Office, July 24, 1930, and Assignment Instructions dated January 5, 1931.

Retracement, Resurvey & Survey commenced April 10, 1931

Retracement, Resurvey & Survey completed April 24, 1931

INDEX DIAGRAM.

Township _____, Range _____

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1A

Book "D"

Group 161 Arizona

INDEX DIAGRAM

BOOK 3916

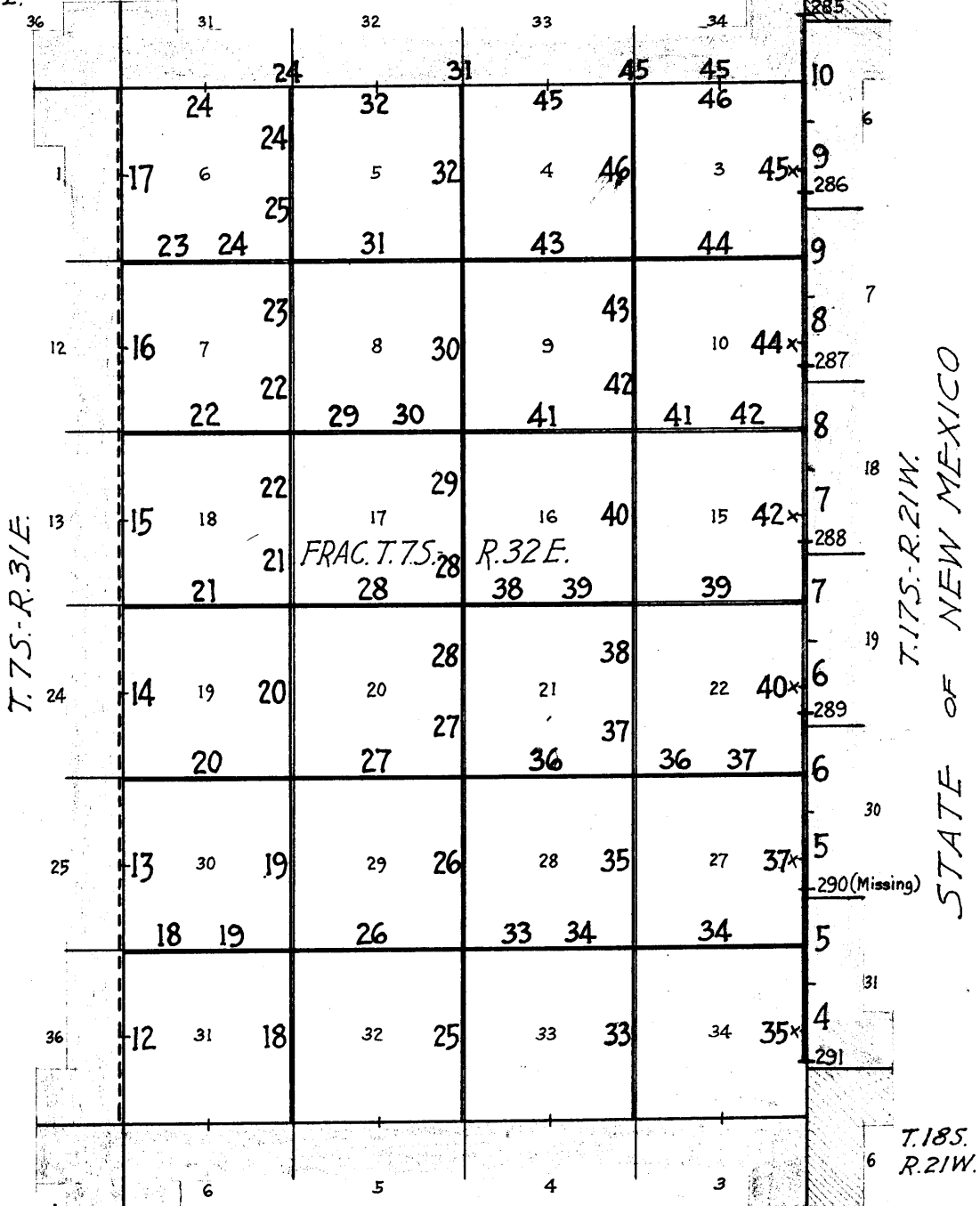
Note: - The cors on N. bdy. of this Tp. were originally established and marked for reference to areas in Frac. T.6S.-R.32E. only. In the survey described herein all of said cors. are re-marked for a common reference to areas on both sides of the Tp. bdy.

T.6S.
R.31E.

FRAC. T.6S.-R.32E.

State
Boundary

T.16S.
R.21W.



————— Surveyed under this group.

----- Resurveyed under this group.

===== Retraced under this group.

————— Accepted surveyed lines.

————— Lines of New Mexico Surveys

Area surveyed in New Mexico by accepted surveyed lines.

Area surveyed in New Mexico by lines of current surveys.

Area surveyed in Arizona as per accepted plats on file.

1/4 sec. cors. established on State Bdy. for reference
X to the quarters of the east range of secs. of Frac. T.7S.-R.32E., Ariz.

Book "D"

Group 161 Arizona

DATE DIAGRAM

1931

Fractional Township 7 South, Range 32 East

BOOK 3916

Surveyed by W.E.Hiester, U.S.S. in 1929

<i>Re-mark Cors. on N. Bdy. for Common Reference on April 23</i>						
Apr. 11 6 Apr. 20	Apr. 20 5 Apr. 23	Apr. 21 4 Apr. 23	Apr. 24 3 Apr. 24			285 Apr. 16 286
Apr. 11 7 Apr. 20	Apr. 20 8 Apr. 21	Apr. 21 9 Apr. 22	Apr. 23 10 Apr. 23			287 Apr. 16 288
Apr. 11 18 Apr. 14	Apr. 20 17 Apr. 18	Apr. 21 16 Apr. 18	Apr. 22 15 Apr. 22			289 Apr. 16 290
Apr. 10 19 Apr. 13	Apr. 14 20 Apr. 14	Apr. 18 21 Apr. 18	Apr. 18 22 Apr. 17			291 Apr. 15 292
Apr. 10 30 Apr. 13	Apr. 13 29 Apr. 14	Apr. 14 28 Apr. 17	Apr. 17 27 April 17			293 Apr. 15 294
Apr. 10 31 Apr. 13	Apr. 13 32 Apr. 14	Apr. 14 33 Apr. 17	Apr. 17 34 Establish 1/4 sec. cors. on State Bdy. for East range of secs. on April 24			295 Apr. 15 296

Surveyed by W.B.Kimmel, U.S.S. in 1914

STATE OF NEW MEXICO

- Apr. 15 Retraced.
- Apr. 10 Resurveyed.
- Surveyed.
- Accepted surveys, retracements or resurveys.

Under this group. Notes herein.
 • by Charles E. Hunter, U.S. Transitman.
 On dates (1931) shown thereon.

Retraced by W.B.Kimmel, U.S.S. in 1914

Retracements, resurveys and surveys herein described were executed on dates shown on diagram on page 2 hereof, by Charles E. Hunter, U. S. Transitman, using a Young & Sons transit instrument, No. 8584. The instrument is equipped with an improved Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc.

The instrument was approved subject to the usual field test, by the District Cadastral Engineer, for Arizona.

Unless otherwise specified, all azimuths are determined with the solar attachment, and all measurements are made with a Lallie steel tape five chains in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined by clinometer or transit, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

PRELIMINARY FIELD TEST

of

Young & Sons transit No. 8584.

April 9, 1931; at station near the $\frac{1}{4}$ sec. cor. of secs. 28 and 29, T. 7 S., R. 32 E., G. & S. R. base and meridian, Arizona, approximate lat. $32^{\circ}48'N.$, and long. $109^{\circ}05'W.$, examine the adjustments of the instrument and correct all errors.

At $6^{h}24^{m}18^{s}$ p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in the direct and the reverse positions, and mark the line thus determined with a tack, in a stake driven firmly in the ground, five chains north.

Azimuth of Polaris at western elongation is $1^{\circ}15'57''$.

April 10, 1931; lay off the azimuth of Polaris $1^{\circ}16'$ to the east and mark the meridian thus determined by a tack, in a stake driven firmly in the ground, five chains north.

At $8^{h}00^{m}$ a.m., app.t., with the lat. arc set at $32^{\circ}48'N.$, and the decl. arc set at $7^{\circ}44'N.$, determine a meridian with the solar which agrees within 1' of the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is $7^{\circ}48'N.$, which agrees with the computed declination of the sun.

At $4^{h}00^{m}$ p.m., app.t., with the latitude arc unchanged and the declination arc set at $7^{\circ}52'N.$, determine a meridian with the solar which agrees within 1' of the true meridian.

As all of the solar observations taken during the usual hours of solar work, agree within 1' of the true meridian, it is concluded that the instrument is in satisfactory adjustment.

RETRACEMENT OF PART OF THE ARIZONA-NEW MEXICO STATE

BOUNDARY LINE (286th to 291st mile, both inclusive)

The State Boundary Line between Arizona and New Mexico was surveyed due south on the 32nd degree parallel of longitude West from Washington, in 1875, by Chandler Robbins, U. S. Surveyor and Astronomer, establishing monuments at mile intervals thereon, counting from the corner of Colo., Utah, Ariz. and New Mex.

On the portion of the State Bdy. Line lying East of Frac. T. 7 S., R. 32 E., Ariz. the 291st mile was retraced by W. B. Kimmel, U. S. S. in 1914 in connection with his survey of the subdivision of Frac. T. 8 S., R. 32 E., Ariz., and the 286th mile was retraced by W. E. Hiester, U.S.S. in 1929 in connection with the survey of the subdivision of T. 6 S., R. 32 E., Ariz.

No other retracement or resurvey of the State Bdy. E. of Frac. T. 7 S., R. 32 E., Ariz. is of record in the Public Survey Office at Phoenix, Ariz.

This portion of the State Bdy. forms part of the West bdrs. of T. 17 & 18 S., R. 21 W., of the New Mex. Base & Meridian, New Mexico. T. 17 S., R. 21 W., was subdivided in 1929 by G.L.O. Surveyor, under instructions from the Santa Fe, New Mex. Public Survey Office; closing cors. were established at the points of intersection of the subdivision lines with the State Bdy., and $\frac{1}{4}$ sec. cors. referring to the West range of sections of said township were established on the State Bdy. at midpoints between the closing cors. with the exception of the $\frac{1}{4}$ sec. cor. of W. bdy. of sec. 6, which was established at 40 chs. in latitude from the closing cor. of secs. 6 & 7. T. 18 S., R. 21 W., New Mex. was subdivided many years ago. The N. bdy. thereof closes on the 292nd mile of the State Bdy. on the South half of the E. bdy. of sec. 34, Frac. T. 7 S., R. 32 E., Ariz.

The following notes describe a retracement of the State Bdy. Line, northerly from the 291st mile monument, to the 285th mile monument, noting the position of the closing cors. and $\frac{1}{4}$ sec. cors. of T. 17 S., R. 21 W., New Mex. thereon.

Beginning at the 291st mile monument of the Arizona-New Mexico State Boundary Line, which is a trap rock, 18 x 10 x 8 ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence

North on random line, on the 291st and 290th miles of State Bdy.

Over NW. slope, through scattering greasewood and mesquite, desc. 74 ft.

9.90 Draw, course S.45°W., asc. 173 ft.

16.50 Spur, slopes W., desc. 87 ft.

20.70 Wash, 150 lks. wide, course N.80°W., asc. 35 ft.

28.20 Point of spur, slopes W., desc. 35 ft.

30.70 Draw, course S80°W., asc. 64 ft.

36.21 Fall, 24 lks. E. of the $\frac{1}{4}$ sec. cor. of sec. 31, T. 17 S.,

Chains	<p>R. 21 W., New Mexico, which is an iron post, 1 in. in diam., projecting 8 ins. above ground, firmly set, with brass cap marked</p> <p style="text-align: center;">ARIZ $\frac{1}{4}$ S31 NM 1929</p> <p style="text-align: right;">and witnessed by</p> <p>a mound of stone, 3 ft. base, 2 ft. high, E. of cor.</p> <p>Continue line and measurement.</p> <p>38.80 Spur, slopes S.70°W., desc. 87 ft.</p> <p>49.50 Wash, 100 lks. wide, course S.60°W., asc. 187 ft.</p> <p>62.00 Spur, slopes S.30°W., desc. 44 ft.</p> <p>65.70 Draw, course S.30°W., asc. 55 ft.</p> <p>71.60 Spur, slopes S.70°W., desc. 103 ft.</p> <p>76.15 Fall 51 lks. E. of the closing cor. of secs. 30 and 31, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set and in a mound of stone, with brass cap marked</p> <p style="text-align: center;">T17S R21W ARIZ C S30 C S31 NM 1929</p> <p>Continue line and measurement.</p> <p>80.00 No trace of the 290th mile monument.</p> <p>Desc. 16 ft. over NW. slope.</p> <p>82.80 Wash, 100 lks. wide, course S.45°W., asc. 121 ft.</p> <p>97.20 Spur, slopes S.60°W., desc. 41 ft.</p> <p>103.20 Draw, course S.80°W., asc. 67 ft.</p> <p>113.20 Spur, slopes S.80°W., desc. 56 ft.</p> <p>116.20 Fall 78 lks. E. of the $\frac{1}{4}$ sec. cor. of sec. 30, T. 17 S., R. 21 W., New Mexico, which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, with brass cap marked</p> <p style="text-align: center;">ARIZ $\frac{1}{4}$ S30 NM 1929</p> <p style="text-align: right;">and witnessed by</p> <p>a mound of stone, 3 ft. base, 2 ft. high, E. of cor.</p> <p>Continue line and measurement.</p> <p>117.70 Draw, course S.80°W., asc. 63 ft.</p> <p>124.50 Spur, slopes S.70°W., desc. 75 ft.</p> <p>130.40 Draw, course S. 70°W., asc. 72 ft.</p>
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Chains													
135.50	Spur, slopes S.70°W., desc. 30 ft.												
139.40	Head of draw, course S.60°W., asc. 39 ft.												
141.70	Spur, slopes W., desc. 71 ft.												
146.90	Wash, 30 lks. wide, course W., asc. 33 ft.												
156.05	Fall 104 lks. E. of the closing cor. of secs. 19 and 30, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 14 ins. above ground, firmly set, and in a mound of stone, with brass cap marked												
	<table border="0"> <tr><td></td><td>T17S</td></tr> <tr><td></td><td>R21W</td></tr> <tr><td>ARIZ</td><td>C S19</td></tr> <tr><td></td><td>C S30</td></tr> <tr><td></td><td>N M</td></tr> <tr><td></td><td>1929</td></tr> </table>		T17S		R21W	ARIZ	C S19		C S30		N M		1929
	T17S												
	R21W												
ARIZ	C S19												
	C S30												
	N M												
	1929												
	and witnessed, by												
	a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.												
	Continue line and measurement.												
162.14	Fall 108 lks. E. of the 289th mile monument of the Arizona-New Mexico State Boundary Line, which is a granite stone, 14 x 12 x 8 ins. above ground, firmly set, marked and witnessed as described in the official record.												
	True course and dist. of each of the 290th and 291st miles of the State Bdy. are therefore, S.0°23'E., 81.07 chs.												

	From the 289th mile monument.												
	North, on random line on the 289th mile of State Bdy.												
	Over NW. slope, through scattering mesquite and greasewood brush, desc. 16 ft.												
5.10	Wash, 30 lks. wide, course S.80°W.,												
10.70	Wash, 30 lks. wide, course S.60°W., asc. 110 ft.												
24.60	Spur, slopes S.30°W., desc. 49 ft.												
31.70	Draw, course S.30°W., asc. 69 ft.												
34.09	Fall 94 lks. W. of the ¼ sec. cor. of sec. 19, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 16 ins. above ground, firmly set and in a mound of stone, with brass cap marked												
	<table border="0"> <tr><td></td><td>¼</td></tr> <tr><td>ARIZ</td><td>S19</td></tr> <tr><td></td><td>NM</td></tr> <tr><td></td><td>1929</td></tr> </table>		¼	ARIZ	S19		NM		1929				
	¼												
ARIZ	S19												
	NM												
	1929												
	Continue line and measurement.												
38.90	Spur, slopes S.70°W., desc. 89 ft.												
48.70	Draw, course S.80°W., asc. 125 ft.												
73.15	Spur, slopes S.70°W., desc. 54 ft.												

Chains
73.75

Fall 174 lks. W. of the closing cor. of secs. 18 and 19, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 14 ins. above ground, firmly set, and in a mound of stone, with brass cap marked

ARIZ | T17S
 | R21W
 | C S18
 | C S19
 | N M
1929

and witnessed by

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

Continue line and measurement.

80.38

Fall 180 lks. W. of the 288th mile monument of the Arizona-New Mexico State Boundary, which is a granite stone, 12 x 10 x 20 ins. above ground, firmly set, marked and witnessed as described in the official record.

The true course and dist. of the 289th mile of State Bdy. are therefore, S.1°17'W., 80.40 chs.

The fallings obtained in making the retracement of this mile of the State Boundary, indicates that the 1/4 sec. cor. of sec. 19, T. 17 S., R. 21 W., New Mexico, is 18 lks. E. of line, and the the closing cor. of secs. 18 and 19, of same Tp. and R. New Mexico, is 8 lks. E. of line.



From the 288th mile monument.

North, on random line, on 288th mile of State Bdy.

Over NW. slope, through mesquit and greasewood, desc. slightly.

.20 Draw, course W., asc. 33 ft.

3.40 Point of spur, slopes W., desc. 58 ft.

7.40 Draw, course S.50°W., asc. 85 ft.

18.50 Low ridge, brs. E. and W., desc. 115 ft.

30.60 Wash, 80 lks. wide, course N80°W.

33.79 Fall 32 lks. E. of the 1/4 sec. cor. of sec. 18, T.17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, with brass cap marked

ARIZ | 1/4
 | S18
 | N M
1929

and witnessed by

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

Continue line and measurement.

34.30 Wash, 50 lks. wide, course S.70°W., asc. 105 ft.

34.50 Spring, brs. E. about 150 lks. dist.

Chains													
43.80	Old abandoned road, brs. N60°W. and S.60°E.												
61.30	Dim road, brs. N.20°W. and S.20°E.; also, spur, slopes S. 30°W.												
73.72	Fall 45 lks. E. of the closing cor. of secs. 7 and 18, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set, and in a mound of stone, with brass cap marked												
	<table border="1"> <tr><td></td><td>T17S</td></tr> <tr><td></td><td>R21W</td></tr> <tr><td>ARIZ</td><td>S 7 C</td></tr> <tr><td></td><td>S18 C</td></tr> <tr><td></td><td>NM</td></tr> <tr><td></td><td>1929</td></tr> </table>		T17S		R21W	ARIZ	S 7 C		S18 C		NM		1929
	T17S												
	R21W												
ARIZ	S 7 C												
	S18 C												
	NM												
	1929												
	Continue line and measurement.												
76.30	Dim road, brs. N.20°E. and S.20°W.												
78.20	Wash, 20 lks. wide, course S.20°W., asc. slightly.												
80.78	Fall 49 lks. E. of the 287th mile monument of the Arizona-New Mexico State Bdy., which is a sandstone, 6 x 10 x 14 ins. above ground, firmly set, marked and witnessed as described in the official record.												
	The true course and dist, of the 288th mile of State Bdy. are therefore, S.0°21'E., 80.78 chs.												
	The falling obtained on the $\frac{1}{4}$ sec. cor. of sec. 18, T. 17 S., R. 21 W., New Mexico, indicates that this cor. is 11 lks. W. of line.												

	From the 287th mile monument.												
	North, on random line, on 287th mile of State Bdy.												
	Over gradual SW. slope, through scattering timber and brush, asc. 32 ft.												
19.60	Top of ascent, thence over NW. slope, desc. 10 ft.												
21.50	Wash, 60 lks. wide, course SW., asc. 150 ft.												
32.98	Fall 1 lk. W. of the $\frac{1}{4}$ sec. cor. of sec. 7, T. 17 S., R. 21 W., New Mexico, which is an iron post, 1 in. in diam., projecting 18 ins. above ground, firmly set, and in a mound of stone, with brass cap marked												
	<table border="1"> <tr><td></td><td>$\frac{1}{2}$</td></tr> <tr><td>ARIZ</td><td>S 7</td></tr> <tr><td></td><td>NM</td></tr> <tr><td></td><td>1929</td></tr> </table>		$\frac{1}{2}$	ARIZ	S 7		NM		1929				
	$\frac{1}{2}$												
ARIZ	S 7												
	NM												
	1929												
	Continue line and measurement.												
50.90	Spur, slopes S.20°E., continue ascent 80 ft. over broken SE. slope.												
59.40	Draw, course S. 70° E.												
72.94	Fall 2 lks. W. of the closing cor. of secs. 6 and 7, T. 17 S., R. 21 W., New Mexico, which is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set, and in a mound of stone, with brass cap marked												

Chains													
	<table border="0"> <tr><td></td><td>T17S</td></tr> <tr><td></td><td>R21W</td></tr> <tr><td>ARIZ</td><td>S6 C</td></tr> <tr><td></td><td>S7 C</td></tr> <tr><td></td><td>NM</td></tr> <tr><td></td><td>1929</td></tr> </table>		T17S		R21W	ARIZ	S6 C		S7 C		NM		1929
	T17S												
	R21W												
ARIZ	S6 C												
	S7 C												
	NM												
	1929												
	Continue line and measurement.												
79.50	Draw, course S.20°W.												
81.15	Fall 2½ lks. W. of the 286th mile monument of the Arizona-New Mexico State Bdy., which is a granite stone, exposed, 10 x 10 x 6 ins. above a mound of stone in which it is firmly set, and which is marked as described in the official record.												
	The true course and dist. of the 287th mile of State Bdy. are therefore, S.0°01'W., 81.15 chs.												

	From the 286th mile monument.												
	North on random line, on 286th mile of state Bdy.												
	Over NW. slope, through scattering timber and undergrowth, desc. slightly.												
0.40	Draw, course S.10°W., asc. 320 ft. over broken SE. slope.												
3.80	Same draw, course S.10°E.												
16.00	High spur, slopes E., desc. 88 ft.												
19.50	Draw, course N.80°E., asc. 102 ft.												
31.20	High spur, slopes N.50°E., desc. 263 ft.												
31.96	Fall 2 lks. E. of the ¼ sec. cor. of sec. 6, T. 17 S., R. 21 W., New Mexico, which is an iron post, 1 in. in diam., projecting 18 ins. above ground, firmly set, and in a mound of stone, with brass cap marked												
	<table border="0"> <tr><td></td><td>¼</td></tr> <tr><td>ARIZ</td><td>S 6</td></tr> <tr><td></td><td>NM</td></tr> <tr><td></td><td>1929</td></tr> </table>		¼	ARIZ	S 6		NM		1929				
	¼												
ARIZ	S 6												
	NM												
	1929												
	Continue line and measurement.												
49.98	Fall 3 lks. E. of the closing cor. of Tps. 6 and 7 S., R. 32 E., which is an iron post, 3 ins. in diam., projecting 30 ins. above ground, firmly set, and in a mound of stone, and witnessed as described in the official record.												
	Continue line and measurement.												
55.50	Wash, 8 lks. wide, course NE., asc. 54 ft. over broken SE. slope.												
62.50	Wash, 8 lks. wide, course SE.												
68.00	Ridge brs. E. and W., desc. 60 ft.												
76.00	Wash, 15 lks. wide, course NW., asc. 35 ft.												

Chains
79.55

Fall 5 lks. E. of the closing cor. of Tps. 16 & 17 S., R. 21 W., New Mexico, which is an iron post, 3 ins. in diam., projecting 30 ins. above ground, firmly set along side of original Tp. cor., which is a volcanic stone, properly marked; the stone and iron post supported by a mound of stone, and brass cap of post marked

	T16S	
	R21W	
ARIZ	S31	C NM
	S6	C
	T17S	
	1929	

Continue line and measurement.

82.10

Fall 5 lks. E. of the 285th mile monument of the Arizona-New Mexico State Bdy., which is a granite stone, exposed, 12 x 8 x 4 ins. above a mound of stone in which it is firmly set, with markings on stone monument as described in the official record.

True course and distance of the 286th mile of State Bdy. are therefore, S.0°02'E., 82.10 chs.

Chains

The West boundary of Fract. T. 7 S., R. 32 E., Ariz., was surveyed due North, by T. F. White, U.S.D.S., in 1882, establishing common reference corner monuments thereon, at 40 ch. intervals.

No retracement or resurvey of any part of this range line is of record.

The following notes describe a resurvey of the entire line, reconstructing all defective original cors. and reestablishing missing cors. at proportional intervals between existing cors., with common reference for all of such reconstructed and reestablished cors.

RETRACEMENT FOR RESURVEY

From original cor. of Tps. 7 and 8 S., R. 31 E., and Frac. Tps. 7 and 8 S., R. 32 E.

North on random line, bet. secs. 31 and 36.

40.00 Find no trace of original $\frac{1}{4}$ sec. cor., Set temp. cor.

Continue line and measurement.

80.12 Intersect original cor. of secs. 25, 30, 31 and 36.

North on random line, bet. secs. 25 and 30, (S. $\frac{1}{2}$)

39.89 Fall 3 lks. E. of original $\frac{1}{4}$ sec. cor.

Thence

North on random line, bet. secs. 25 and 30, (N. $\frac{1}{2}$)

40.03 Intersect the original cor. of secs. 19, 24, 25 and 30.

North on random line, bet. secs. 19 and 24, (S. $\frac{1}{2}$)

40.03 Fall 21 lks. W. of original $\frac{1}{4}$ sec. cor.

Thence

North on random line, bet. secs. 19 and 24, (N. $\frac{1}{2}$)

39.85 Fall 21 lks. E. of original cor. of secs. 13, 18, 19 and 24.

North on random line, bet. secs. 13 and 18, (S. $\frac{1}{2}$)

40.04 Fall 2 lks. E. of original $\frac{1}{4}$ sec. cor.

Thence

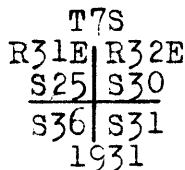
North on random line, bet. secs. 13 and 18, (N. $\frac{1}{2}$)

RESURVEY OF THE WEST BOUNDARY OF FRACTIONAL
TOWNSHIP 7 SOUTH, RANGE 32 EAST

Chains	
40.03	Fall 8 lks. W. of original cor. of secs. 7, 12, 13 and 18. ----- North on a random line, bet. secs. 7 and 12, and S. $\frac{1}{2}$ bet. secs. 1 and 6.
40.00	Find no trace of original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, Set temp. $\frac{1}{4}$ sec. cor.
80.00	Find no trace of original cor. of secs. 1, 6, 7 and 12. Set temp. sec. cor.
120.03	Fall 3 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 6. True course and distance of Tp. bdy. from original cor. of secs. 13 and 18, to original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, are therefore, N.0°01'E., 120.03 chs., which, to maintain original proportion between corner intervals, gives three intervals of 40.01 chs. each, for the re-establishment of the missing cors. ----- North on random line, bet. secs. 1 and 6, (N. $\frac{1}{2}$)
39.92	Fall 2 lks. W. of cor. of Tps. 6 and 7 S., R. 31 E., and Frac. Tps. 6 and 7 S., R. 32 E.
RESURVEY	
	Return to the cor. of Tps. 7 and 8 S., R. 31 E., and Frac. Tps. 7 and 8 S., R. 32 E., which is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, and in a mound of stone, marked and witnessed as described in the official record. Thence North, on true line, bet. secs. 31 and 36. Over broken W. slope, through scattering undergrowth.
37.70	Wash, 300 lks. wide, course W.
40.06	(Proportional dist.) The true point for $\frac{1}{4}$ sec. cor. of secs. 31 and 36 falls in wash.
41.06*	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked. $\frac{1}{4}$ S36 S31 W.C. 1931 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
47.90	Wash, 150 lks. wide, course S.45.W.,
67.50	Ascend 58 ft. over S. slope.
80.12	The cor. of secs. 25, 30, 31 and 36, which is a cedar post, 3 ft. long, 2 ins. in diam., marks illegible, set in a mound of stone. Along side, and in old mound, Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in

Chains

the ground to bedrock, with a sandstone, 12 x 12 x 10 ins. marked X, in a mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked



Land, rolling.
Soil, gravelly; 2nd rate.
No timber; undergrowth, cactus and mesquite.

N.0°03'W., on true line bet. secs. 25 and 30.(S½)

Over S. slope, through scattering undergrowth, asc. 114 ft.

7.00 Point of spur, slopes S. 30° W.; continue over broken land.

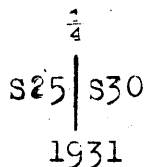
13.80 Draw, course S.30°W.

32.30 Wash, 80 lks. wide, course S.60°W.

39.89 The ¼ sec. cor. of secs. 25 and 30, which is a cedar post, 4 ft. long, 4 ins. square, marked ¼ s., set in a mound of stone.

Alongside and in old mound,

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



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

Thence, from cor.

North, on true line, bet. secs. 25 and 30.(N½)

Descend 72 ft. over NW. slope.

9.80 Wash, 40 lks. wide, course S.50°W., asc. 73 ft. over S. slope.

20.00 Continue over broken land.

23.40 Wash, 20 lks. wide, course S.30°W.

40.03 The cor. of secs. 19, 24, 25 and 30, which is a cedar post, 2 ft. long, 3 ins. in diam., marks illegible, lying along side of old mound of earth.

Chains

Alongside and in old mound of earth,

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T7S	
R31E	R32E
S24	S19
S25	S30
1931	

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

Land, rolling.

Soil, gravelly; 2nd rate.

Timber, none; undergrowth, mesquite and cactus.

N.0°18'E., on true line bet. secs. 19 and 24. ($S\frac{1}{2}$)

Over nearly level ground, through scattering undergrowth.

14.70 Drain, course W.

26.40 Descend 104 ft. over NW. slope.

31.60 Wash, 30 lks. wide, course W.

40.03 The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a mesquite post, blazed, unmarked, and set in a mound of stone.

Alongside and in old mound,

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

$\frac{1}{4}$	
S24	S19
1931	

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

Thence

N.0°18'W., on true line bet. secs. 19 and 24. ($N\frac{1}{2}$)

4.20 Wash, 250 lks. wide, course S.60°W., asc. 132 ft. over broken S. slope.

26.10 Low flat spur, slopes S.60°W.

39.85 The cor. of secs. 13, 18, 19 and 24, which is a mesquite post, 2 ft. long, 3 ins. in diam., set in a mound of stone, marks illegible.

Alongside and in old mound,

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																	
	<div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">T7S</td></tr> <tr><td>R31E</td><td>R32E</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td>S24</td><td>S19</td></tr> <tr><td colspan="2">1931</td></tr> </table> </div> <p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Land, rolling. Soil, gravelly; 2nd rate. No timber; undergrowth, cactus and mesquite.</p> <hr/> <p>N.0°02'W., on true line bet. secs. 13 and 18. (S½)</p> <p>Over slightly rolling ground, through scattering undergrowth.</p> <p>4.20 Descend 85 ft. over N. slope.</p> <p>12.90 Wash, 15 lks. wide, course N.70°W.</p> <p>27.90 Wash, 100 lks. wide, course S.50°W.; asc. 32 ft. over S. slope.</p> <p>40.04 The ¼ sec. cor. of secs. 13 and 18, which is a mesquite post, 2 ft. long, 3 ins. in diam., marked ¼ S and set in a mound of stone.</p> <p>Alongside and in mound,</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">¼</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td colspan="2">1931</td></tr> </table> </div> <p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Thence</p> <p>N.0°07'E., on true line bet. secs. 13 and 18. (N½)</p> <p>Ascend 73 ft. over SW. slope.</p> <p>11.70 Low ridge, brs. E. and W.; desc. 29 ft. over N. slope.</p> <p>12.30 Old road, brs. N.20°E. and S.20°W.</p> <p>15.70 Wash, 150 lks. wide, course W., asc. 63 ft. over general SW. slope.</p> <p>33.00 Small wash, course S.60°W.</p> <p>40.03 The cor. of secs. 7, 12, 13 and 18, which is a decayed post, in an old mound of stone, 2 ft. base, 1 ft. high.</p> <p>In old mound of stone,</p> <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked</p>	T7S		R31E	R32E	S13	S18	S24	S19	1931		¼		S13	S18	1931	
T7S																	
R31E	R32E																
S13	S18																
S24	S19																
1931																	
¼																	
S13	S18																
1931																	

Chains

T7S	
R31E	R32E
S12	S7
S13	S18
1931	

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

Land, rolling.

Soil, gravelly; 2nd rate.

No timber; undergrowth, mesquite and cactus.

N.0°01'E., on true line bet. secs. 7 and 12.

Over SW. slope, through scattering undergrowth, asc. 33 ft.

- 1.10 Small drain, course S.
- 7.00 Spur, slopes W.; desc. 88 ft. over NW. slope.
- 11.30 Wash, 10 lks. wide, course W.; asc. 113 ft. over SW. slope.
- 16.60 Spur, slopes S.70°W.; desc. 144 ft. over NW. slope.
- 39.01 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

W C	
$\frac{1}{4}$	
S12	S7
1931	

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

- 39.80 Enter wash, course S.60°W.
- 40.01 (Proportional dist.) The true point for $\frac{1}{4}$ sec. cor. falls in wash.
- 45.10 Road, brs. N.60°E. and S.60°W.
- 49.50 Leave wash, course S.30°W; asc. 106 ft. over gradual S. slope.
- 72.20 Small gulch, course S. 20°E.
- 80.02 (Proportional dist.) The true point for cor. of secs. 1, 6, 7 and 12, falls in same gulch, course S.10°W.
- 80.62 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for witness cor. of secs. 1, 6, 7 and 12, with brass cap marked

T7S	
R31E	R32E
S 1	S 6
S12	S 7
W C	
1931	

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

RESURVEY OF WEST BOUNDARY OF FRACTIONAL

17

TOWNSHIP 7 SOUTH, RANGE 32 EAST

BOOK 3916

Chains	<p>Land, rolling. Soil, gravelly; 2nd rate. No timber; undergrowth, mesquite and cactus.</p>
	<p>From true point for cor. of secs. 1, 6, 7 and 12. N.0°01'E., on true line bet. secs. 1 and 6, (S.½)</p>
	<p>Over S. slope, through scattering undergrowth, asc. 62 ft.</p>
5.00	<p>Spur, slopes S.30°W.; desc. 58 ft. over NW. slope.</p>
14.70	<p>Draw, course S.20°W., asc. 135 ft. over SE. slope.</p>
40.01	<p>The ¼ sec. cor. of secs. 1 and 6, which is a mesquite post, 2 ft. long, 3 ins. in diam., marked ¼ S, set in a mound of stone.</p>
	<p>Alongside and in old mound, Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$ $S1 S6$ 1931 </div> <p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, 1½ ft. high, W. of cor.</p>
	<p>Thence</p>
	<p>N.0°02'E., on true line bet. secs. 1 and 6, (N.½).</p>
	<p>Over rolling mesa land.</p>
6.90	<p>Leave mesa; desc. 221 ft. over NW. slope.</p>
17.00	<p>Wash, 350 lks. wide, course S.60°W.; asc. 96 ft. over S. slope.</p>
39.92	<p>The cor. of Tps. 6 and 7 S., R. 31 E., and Frac. Tps. 6 and 7 S., R. 32 E., which is an iron post, 3 ins. in diam., firmly set, projecting 6 ins. above mound of stone, 3 ft. base, 1 ft. high, marked and witnessed as described in the official record.</p>
	<p>Land, rolling. Soil, gravelly; 2nd rate. No timber; undergrowth, mesquite and cactus.</p>

Chains

Beginning at the cor. of secs. 5, 6, 31 and 32, on S. bdy. of township, which is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked and witnessed as described in the official record.

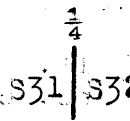
N.0°01'E., bet. secs. 31 and 32.

Over broken S. slope, through scattering undergrowth, asc. 50 ft.

7.80 Low ridge, brs. E. and W., desc. 161 ft. over broken N. slope.

35.80 Wash, 200 lks. wide, course W.; continue along gradual W. slope.

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

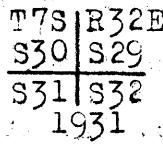


1931

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

51.20 Wash, 30 lks. wide, course S.70°W.; asc. 131 ft. over broken SW. slope.

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



1931

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

Land, rolling.
Soil, gravelly; 2nd rate.
No timber; undergrowth, mesquite and cactus.

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

40.00 Set temp. 1/4 sec. cor.

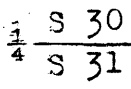
80.10 Intersect W. bdy. of Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

S.89°55'E., on true line bet. secs. 30 and 31.

Over broken SW. slope, through scattering undergrowth.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



1931

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

Chains
 45.40 Wash, 150 lks. wide, course S.60°W.
 69.40 Wash, 40 lks. wide, course S.30°W.; asc. 67 ft. over NW. slope.
 80.10 The cor. of secs. 29, 30, 31 and 32.
 Land, broken and rolling.
 Soil, gravelly; 2nd rate.
 No timber; undergrowth, mesquite and cactus.

N.0°01'E., bet. secs. 29 and 30.

Over broken SW. slope, through scattering undergrowth, asc, 23 ft.

1.00 Small spur, slopes S.70°W.; desc. 76 ft. over NW. slope.

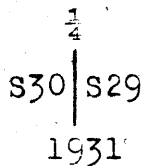
7.10 Wash, 40 lks. wide, course S. 70°W.; asc. 142 ft. over S. slope.

17.50 Spur, slopes S.70°W.; desc. 142 ft.

37.30 Wash, 70 lks. wide, course S.40°W.; asc. 10 ft. over gradual SW. slope.

39.60 Wash, 20 lks. wide, course S.60°W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with brass cap marked



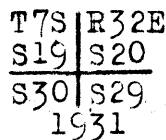
raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Asc. 153 ft. over SW. slope.

59.50 Spur, slopes S.80°W.; desc. 58 ft. over NW. slope.

68.50 Wash, 10 lks. wide, course W.; continue over broken land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked



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

Land, rolling.
Soil, gravelly; 2nd rate.
No timber; undergrowth, mesquite, cactus and greasewood.

N.89°55'W., on random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

Chains

80.10 Intersect W. bdy. of Tp. 19 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence

N.89°57'E., on true line bet. secs. 19 and 30.

Over rolling ground, through scattering undergrowth.

32.40 Small drain, course S.20°W.

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

$\frac{1}{4}$ S 19
 S 30
 1931

raise a mound

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

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

Land, rolling.

Soil, gravelly; 2nd rate.

No timber; undergrowth, mesquite, cactus and greasewood.

N.0°01'E., bet. secs. 19 and 20.

Over rolling ground, through scattering undergrowth.

16.70 Wash, 15 lks. wide, course S.30°W., asc. 50 ft.

29.00 Small spur, slopes S.40°W.; desc. 28 ft. over NW. slope.

32.50 Small draw, course S.40°W.; asc. 54 ft. over SE. slope.

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

$\frac{1}{4}$
 S19 | S20
 1931

raise a mound

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

44.60 Flat spur, slopes S.50°W.; desc. 98 ft. over NW. slope.

58.60 Wash, 150 lks. wide, course N.80°W.; asc. 121 ft. over SW. slope. Dim road, follows course of wash.

69.90 Small draw, course S.40°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T7S R32E
 S18 | S17
 S19 | S20
 1931

raise a mound

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

Chains	Land, rolling. Soil, sandy and gravelly; 2nd rate. No timber; undergrowth, mesquite, greasewood and cactus.
	S.89°57'W., on random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect W. bdy. of Tp. 16 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
	Thence
	S.89°56'E., on true line bet. secs. 18 and 19.
	Over gradual NW. slope, through scattering undergrowth, asc. 86 ft.
28.50	Top of ascent; thence over SE. slope, desc. 90 ft.
40.08	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \text{ S } 18 \\ \text{S } 19 \\ 1931 \end{array}$
	raise a mound
	of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Ascend 222 ft. over SW. slope.
80.16	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling. Soil, sandy and gravelly; 2nd rate. No timber; undergrowth, mesquite and cactus.
	N.0°01'E., bet. secs. 17 and 18.
	Over gradual S. slope, asc. slightly.
3.20	Spur, slopes S.80°W., desc. 59 ft. over N. slope.
7.10	Wash, 50 lks. wide, course W. asc. 45 ft. over SW. slope.
17.60	Point of spur, slopes S. 50°W.; desc. 39 ft. over NW. slope.
25.20	Wash, 40 lks. wide, course S.45°W., asc. 124 ft. over S. slope.
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
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 18 \text{ } \text{S } 17 \\ 1931 \end{array}$
	raise a mound
	of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
52.30	Spur, slopes S.45°W.; thence along W. slope.

Chains
 62.30 Head of draw, course S.45°W.; asc. 69 ft. over SW. slope.
 77.30 Top of spur, slopes S.60°W.; desc. 11 ft. over NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, to bedrock, with a sandstone, 12 x 10 x 10 ins. marked X, deposited at base, and in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T7S	R32E
S 7	S 8
S18	S17
1931	

Land, rolling.
 Soil, sandy and gravelly; 2nd rate.
 No timber; undergrowth, mesquite, greasewood and cactus.

N.89°56'W., on random line, bet. secs. 7 and 18.

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

80.02 Intersect W. bdy. of Tp. 14 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence

N.89°58'E., on true line bet. secs. 7 and 18.

Over rolling ground, through scattering undergrowth.

21.00 Small drain, course S.; thence along broken S. slope.

38.50 Wash, 150 lks. wide, course S.45°W.; dim road follows down wash.

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

$\frac{1}{4}$	S 7
	S 18
1931	

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

Ascend 192 ft. over NW. slope.

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

Land, rolling.

Soil, rocky; 3rd rate.

No timber; undergrowth, mesquite and cactus.

N.0°01'E., bet. secs. 7 and 8.

Over NW. slope, through scattering undergrowth, desc. 120 ft.

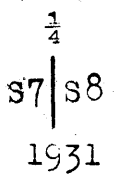
19.30 Wash, 150 lks. wide, course S.60°W.; asc. 125 ft. over SE. slope. Dim road follows down wash.

SUBDIVISIONS OF T. 7 S., R. 32 E.

ECCN 23 3916

Chains
40.00

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



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

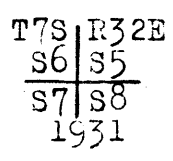
42.50 Spur, slopes S. 50° W.; desc. 135 ft. over NW. slope.

53.40 Wash, 50 lks. wide, course W.; thence along W. slope.

59.20 Dim road, brs. E. and W.

75.10 Wash, 200 lks. wide, course S. 70° W.; asc. 30 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked



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

Land, rolling.
Soil, sandy and gravelly; 2nd rate.
Timber, scattering cedar; undergrowth, mesquite and cactus.

S. $89^\circ 58'$ W., on random line bet. secs. 6 and 7.

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

80.02 Intersect W. bdy. of Tp. at true point for cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence

N. $89^\circ 58'$ E., on true line bet. secs. 6 and 7.

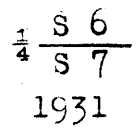
Over SW. slope, through scattering undergrowth, asc. 82 ft.

5.50 Spur, slopes S.; desc. 86 ft. over SE. slope.

19.90 Small wash, course S.; thence along gradual S. slope.

38.40 Wash, 15 lks. wide, course S.

40.01 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



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

50.00 Wash, 50 lks. wide, course S. 20° W.

Chains
 66.00 Road, brs. N.20°E. and S.20°W.
 80.02 The cor. of secs. 5, 6, 7, and 8.
 Land, rolling.
 Soil, gravelly; 2nd rate.
 No timber; undergrowth, mesquite and cactus.

N.0°01'E., on random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. bdy. of Tp. 9 lks. W. of cor. of secs. 31 and 32, T. 6 S., R. 32 E., which is an iron post, 2 ins. in diam., firmly set, projecting 4 ins. above top of mound of stone, 5 ft. base, 2 ft. high, marked and witnessed as described in the official record
 Additionally mark the brass cap to read

T6S R32E
 S31 | S32
 S6 | S5
 T7S
 1929
 1931

The witness $\frac{1}{4}$ sec. cor. of sec. 31, T. 6 S., R. 32 E., is an iron post, 1 in. in diam., projecting 4 ins. above ground, marked and witnessed as described in the official record
 Additionally mark the brass cap to read

WC $\frac{1}{4}$ S31
 S.6
 1929
 1931

From cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp. S.0°05'W., on true line bet. secs. 5 and 6.
 Over NW. slope, through scattering undergrowth, asc. 20 ft.

2.74 Wire fence, brs. N.60°W. and S.60°E.
 5.00 Spur, slopes S.45°W; desc. 110 ft. over broken SW. slope.
 16.40 Small draw, course SW.
 39.94 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a sandstone, 10 x 10 x 10 ins. marked X, deposited at base, and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S6 | S5
 1931

Chains Descend 257 ft. over broken S. slope.
 58.70 Wash, 40 lks. wide, course S.20°W.
 63.80 Old road, brs. N.30°E. and S.30°W.
 79.94 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, rocky and sandy; 2nd. and 3rd rate.
 Timber, scattering cedar; undergrowth, mesquite and cactus.

From true point for cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., which is 15 lks. E. of the witness cor. for same, an iron post, 3 ins. in diam., firmly set, projecting 12 ins. above ground, marked and witnessed as described in the official record.
 N.0°01'E., bet. secs. 32 and 33.
 Over S. slope, through scattering undergrowth, asc. 64 ft.
 2.00 Thence over rolling mesa land.
 16.80 Leave mesa; desc. 103 ft. over NW. slope.
 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

$$\begin{array}{c} \frac{1}{4} \\ \hline S32 | S33 \\ \hline 1931 \end{array}$$
 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 46.90 Wash, 200 lks. wide, course W.
 70.70 Wash. 200 lks. wide, course S.30°W.
 71.10 Dim road, brs. N.30°E. and S.30°W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

$$\begin{array}{c} T7S | R32E \\ S29 | S28 \\ \hline S32 | S33 \\ \hline 1931 \end{array}$$
 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, none; undergrowth, mesquite and cactus.

West, on random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, 1 lk. S. of the cor. of secs. 29, 30, 31 and 32.

Chains Thence
 East, on true line, bet. secs. 29 and 32.
 Over gradual SE. slope, through scattering undergrowth,
 desc. 45 ft.
 23.00 Wash, 40 lks. wide, course S.60°W.; asc. 140 ft. over NW.
 slope.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

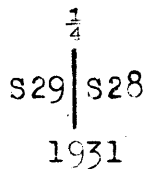
$$\begin{array}{r} \frac{1}{4} \text{ S } 29 \\ \hline \frac{1}{4} \text{ S } 32 \\ 1931 \end{array}$$

raise a mound
 of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Ascend 23 ft. over NW. slope.
 41.40 Spur, slopes S.60°W.; desc. 105 ft. over SE. slope.
 58.60 Wash, 10 lks. wide, course S.
 65.60 Wash, 20 lks. wide, course S.60°W.; asc. 40 ft. over grad-
 ual NW. slope.
 76.40 Small spur, slopes SW.; desc. 28 ft. over SE. slope.
 80.10 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, none; undergrowth, mesquite and cactus.

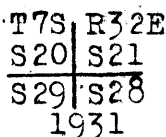
N.0°01'E., bet. secs. 28 and 29.

Over broken SE. slope, through scattering undergrowth,
asc. 182 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground to bedrock, with a sandstone, 8 x 8 x 10 ins.
mkd. X, deposited at base, and in a mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked



44.00 Enter rolling mesa land.
 69.50 Leave mesa; desc. 147 ft. over NW. slope.
 77.30 Wash, 30 lks. wide, course S. 50°W.; asc. 9 ft. over SE.
 slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in
 the ground, for cor. of secs. 20, 21, 28 and 29, with
 brass cap marked



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

Chains Land, rolling,
Soil, gravelly; 2nd. rate.
No timber; undergrowth, mesquite, greasewood and cactus.

West, on random line, bet. secs. 20 and 29.

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

80.10 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 19, 20, 29 and 30.

Thence

S. $89^{\circ}59'E.$, on true line bet. secs. 20 and 29.

Over broken SW. slope, through scattering undergrowth, asc. 90 ft.

20.60 Wash, 20 lks. wide, course S. $30^{\circ}E.$

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

$\frac{1}{4}$ $\frac{S\ 20}{S\ 29}$
1931

raise a mound

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

Descend 75 ft. over NE. slope.

51.80 Wash, 30 lks. wide, course S. $30^{\circ}W.$; asc. 198 ft. over SW. slope.

60.20 Wash, 20 lks. wide, course S. $60^{\circ}W.$

65.80 Spur, slopes S. $50^{\circ}W.$; desc. 53 ft. over SE. slope.

80.10 The cor. of secs. 20, 21, 28 and 29.

Land, rolling.
Soil, rocky; 3rd rate.
No timber; undergrowth, mesquite, greasewood and cactus.

N. $0^{\circ}01'E.$, bet. secs. 20 and 21.

Over broken S. slope, through scattering timber and undergrowth, asc. 130 ft.

18.20 Spur, slopes S. $45^{\circ}W.$; desc. 50 ft. over NW. slope.

24.10 Head of draw, course S. $45^{\circ}W.$; asc. 64 ft. over S. slope.

31.50 Low ridge, hrs. E. and W.; desc. 121 ft. over NW. slope.

39.20 Small drain, course N. $70^{\circ}W.$

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S20 | S21
1931

Chains
 52.70 Wash, 200 lks. wide, course S.70°W.; asc. 115 ft. over S. slope. Dim road follows wash.
 72.00 Spur, slopes S.70°W.; desc. 33 ft. over NW. slope.
 79.70 Small draw, course S.60°W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T7S	R32E
S17	S16
S20	S21
1931	

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

Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, scattering cedar; undergrowth; mesquite, greasewood and cactus.

N.89°59'W., on random line, bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 17, 18, 19 and 20.

Thence
 N.89°56'E., on true line bet. secs. 17 and 20.
 Over rolling ground, through scattering undergrowth, asc. 43 ft.

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

$\frac{1}{4}$	S 17
	S 20
1931	

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

55.20 Wash, 40 lks. wide, course S.70°W.; asc. 117 ft. over NW. slope.
 66.60 Spur, slopes S.60°W.; thence along S. slope.
 80.04 The cor. of secs. 16, 17, 20 and 21.

Land, rolling.
 Soil, gravelly; 2nd rate.
 No timber; undergrowth, mesquite, greasewood and cactus.

N.0°01'E., bet. secs. 16 and 17.
 Over S. slope, through scattering undergrowth, asc. 71 ft.
 6.50 Spur, slopes S.80°W.; desc. 80 ft. over N. slope.
 11.50 Draw, course S.80°W.; asc. 129 ft. over S. slope.

- Chains
- 23.60 Spur, slopes S.80°W.; desc. 102 ft. over NW. slope.
- 30.80 Small gulch, course S.80°W.
- 37.90 Draw, course S.70°W.; asc. 69 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S17 | S16
 1931

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

- 43.90 Spur, slopes S.70°W.; desc. 70 ft. over NW. slope.
- 49.80 Draw, course S.70°W.; asc. 118 ft. over SW. slope.
- 64.40 Spur, slopes S.70°W.; desc. 80 ft. over NW. slope.
- 71.40 Draw, course S.70°W.; asc. 65 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked

T7S R32E
 S8 | S9
 S17 | S16
 1931

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

Land, rolling.
Soil, rocky; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

S.89°56'W., on random line bet. secs. 8 and 17.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 18 lks. S. of cor. of secs. 7, 8, 17 and 18.

Thence

S.89°56'E., on true line bet. secs. 8 and 17.

Over NW. slope, through scattering timber and underbrush, asc. 34 ft.

- 14.00 Flat spur, slopes S.80°W.; desc. 39 ft. over SE. slope.
- 34.80 Small draw, course S.20°W.
- 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, and in a mound of stone, to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 8
 S17
 1931

Chains
 Thence, over broken S. slope.
 48.90 Wash, 50 lks. wide, course S.60°W.; asc. 159 ft. over broken S. slope.
 66.30 Small drain, course S.70°W.
 78.10 Spur, slopes S.80°W.; thence along S. slope, desc. 11 ft.
 80.02 The cor. of secs. 8, 9, 16 and 17.

Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

N.0°01'E., bet. secs. 8 and 9.
 Over S. slope, through scattering timber and undergrowth, asc. 15 ft.

2.00 Spur, slopes S.70°W.; desc. 74 ft. over NW. slope.
 10.80 Draw, course S.70°W.; asc. 81 ft. over SE. slope.
 19.20 Spur, slopes W.; desc. 156 ft. over N. slope.
 30.30 Wash, 100 lks. wide, course W.; asc. 32 ft. over SW. slope.
 37.60 Point of spur, slopes S.70°W.; desc. 20 ft. over NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, with a stone marked X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 s8 | s9
 1931

41.00 Wash, 30 lks. wide, course S.60°W.; asc. 132 ft. over SE. slope.
 58.10 Low ridge, brs. E. and W.; desc. 45 ft. over N. slope.
 64.80 Draw, course N.80°W.; asc. 62 ft. over SW. slope.
 77.80 Spur, slopes W.; desc. 14 ft. over NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T7S | R32E
 s5 | s4
 s8 | s9
 1931

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

Land, rolling.
 Soil, gravelly; 3rd rate.
 Timber, scattering cedar; undergrowth, greasewood, cactus and mesquite.

Chains

N. 89°56' W., on random line, bet. secs. 5 and 8.

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

79.94 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 5, 6, 7 and 8.

Thence

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

Over S. slope, through scattering undergrowth.

8.20 Wash, 150 lks. wide, course S. 45° W.; asc. 191 ft. over broken W. slope.

32.30 Spur, slopes S. 30° W.; desc. 39 ft. over SE. slope.

37.50 Head of draw, course S. 40° W.; asc. 69 ft. over gradual W. slope.

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

$$\frac{1}{4} \begin{array}{c} S \ 5 \\ S \ 8 \\ 1931 \end{array}$$

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

42.10 Dim road, brs. N. 20° E. and S. 20° W.

42.30 Spur, slopes S. 20° W.; desc. 57 ft. over SE. slope.

54.40 Draw, course S. 10° W.; asc. 33 ft. over NW. slope.

55.50 Thence, over NE. slope, desc. slightly.

64.70 Same draw, course N. 70° W.; asc. 99 ft. over general NW. slope.

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

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, grease-wood and cactus.

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

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

79.97. Intersect N. bdy. of Tp. 21 lks. W. of the cor. of secs. 32 and 33, T. 6 S., R. 32 E., which is an iron post, 2 ins. in diam., firmly set, projecting 8 ins. above top of a mound of stone, 5 ft. base, 2 ft. high, marked and witnessed as described in the official record.

Additionally mark the brass cap to read.

$$\begin{array}{c} T6S \ | \ R32E \\ S32 \ | \ S33 \\ \hline S5 \ | \ S4 \\ T7S \\ 1929 \\ 1931 \end{array}$$

Chains

The $\frac{1}{4}$ sec. cor. of sec. 32, T. 6 S., R. 32 E., is an iron post, 1 in. in diam., firmly set, projecting 6 ins. above a mound of stone, 5 ft. base, 2 ft. high, marked and witnessed as described in the official record.

Additionally mark the brass cap to read

$$\begin{array}{r} \frac{1}{4} \text{ S } 32 \\ \hline \text{S } 5 \\ 1929 \\ 1931 \end{array}$$

From the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp. S.0°10'W., on true line, bet. secs. 4 and 5.

Over general SE. slope, through scattering cedar, desc. 28 ft.

- 2.50 Draw, course S.30°E.
- 10.20 Same draw, course S.30°W.
- 14.30 Same draw, course S.30°E.; asc. 40 ft. over broken NE. slope.
- 21.00 Old stone house, brs. E. about 4 chs. dist. From old house, a small spring of pure water, brs. NW. about 3 chs. dist.
- 23.20 Old road, brs. N.80°E. and S.80°W.
- 23.40 Draw, course E.
- 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \hline \text{S5} | \text{S4} \\ 1931 \end{array}$$

- 41.00 Descend 162 ft. over S. slope.
- 56.70 Draw, course S.50°W.; asc. 67 ft. over NW. slope.
- 60.00 Point of spur, slopes W.; desc. 59 ft. over SW. slope.
- 65.60 Draw, course W.; asc. 109 ft. over NW. slope.
- 76.27 Dim road, brs. E. and W.
- 79.97 The cor. of secs. 4, 5, 8 and 9.

Land, rolling.
Soil, rocky; 4th rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp. which is an iron post, 3 ins. in diam., firmly set, projecting 14 ins. above ground, mkd. and witnessed as des-

SUBDIVISIONS OF T. 7 S., R. 32 E.

33

BOOK 3816

Chains

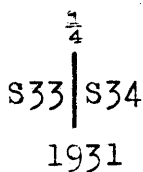
scribed in the official record.
N.0°02'E., bet. secs. 33 and 34.
Over broken S. slope, through scattering undergrowth, asc. 56 ft.

8.60 Spur, slopes S.70°W.; desc. 56 ft. over broken NW. slope.

13.20 Wash, 30 lks. wide, course S.60°W.; asc. 178 ft. over broken S. slope.

37.50 Spur, slopes W.; desc. 93 ft. over NW. slope.

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



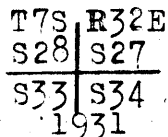
raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

52.80 Wash, 150 lks. wide, course S.70°W.; asc. 99 ft. over SE. slope.

68.50 Spur, slopes S.70°W.; desc. 92 ft. over NW. slope.

74.30 Small draw, course S.70°W.; asc. 57 ft. over SW. slope.

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



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

Land, rolling.
Soil, sandy loam and gravelly; 2nd and 3rd rates.
No timber; undergrowth, mesquite, greasewood and cactus.

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

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect the cor. of secs. 28, 29, 32 and 33.

Thence

East, on true line, bet. secs. 28 and 33.

Over rolling ground, through scattering undergrowth.

3.30 Wash, 200 lks. wide, course S.20°W.; dim road follows wash.

34.20 Wash, 30 lks. wide, course S.20°W.

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

Chains

$$\frac{1}{4} \begin{array}{l} S 28 \\ S 33 \\ 1931 \end{array}$$

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

Ascend 92 ft. over broken NW. slope.

56.00 Small spur, slopes S.45°W.; thence along broken S. slope.

71.30 Small draw, course S.20°W.; asc. 63 ft. over SW. slope.

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

Land, rolling.

Soil, gravelly; 3rd rate.

No timber; undergrowth, mesquite, greasewood and cactus.

East, on true line, bet. secs. 27 and 34.

Over broken SE. slope, through scattering undergrowth,
desc. slightly.

3.50 Draw, course S.30°W.; asc. 97 ft. over SW. slope.

9.30 Spur, slopes S.60°W.; desc. 30 ft. over SE. slope.

12.30 Head of draw, course S.; asc. 75 ft. over SW. slope.

16.30 Spur, on S. slope of knoll, slopes S.; desc. 113 ft. over
SE. slope.

35.00 Wash, 250 lks. wide, course S.30°W.; asc. 127 ft. over
NW. slope.

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

$$\frac{1}{4} \begin{array}{l} S 27 \\ S 34 \\ 1931 \end{array}$$

52.50 Spur, slopes S.70°W.; thence along broken S. slope.

79.33 Intersect the Arizona and New Mexico State Boundary.

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

$$\begin{array}{c|c} T7S & N \\ \hline CC-S27 & MEX \\ \hline S34 & \\ \hline R32E & \\ \hline 1931 & \end{array}$$

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

From this point the 291st mile monument on the Arizona
and New Mexico State Boundary, bears S.0°23'E., 54.31 chs.
dist., hereinbefore described.

Land, rolling.

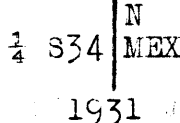
Soil, gravelly; 3rd rate.

No timber; undergrowth, mesquite, greasewood and cactus.

Chains

At midpoint, bet. the NE. and SE. cors. of sec. 34.

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 34 only, with brass cap marked



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

From this point, the 291st mile monument on the Arizona and New Mexico State Boundary, bears S.0°23'E., 14.30 chs. dist., hereinbefore described.

From the cor. of secs. 27, 28, 33 and 34,

N.0°02'E., bet. secs. 27 and 28.

Over S. slope, through scattering undergrowth, asc. 95 ft.

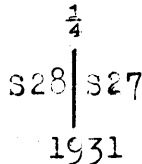
6.00m Spur, slopes W.; desc. 111 ft. over NW. slope.

12.70 Draw, course S. 80°W.; asc. 124 ft. over S. slope.

25.80 Spur, slopes W.; desc. 126 ft. over N. slope.

39.40 Small spur, slopes W.; desc. 69 ft. over NW. slope.

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



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

Descend 7 ft. over NW. slope.

44.80 Draw, course S.80°W.; asc. 119 ft. over SW. slope.

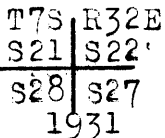
52.30 Spur, slopes W.; desc. 110 ft. over NW. slope.

60.50 Draw, course S.80°W.

74.80 Wash, 100 lks. wide, course W.; asc. 51 ft. over S. slope.

77.40 Point of spur, slopes S. 60°W.; desc. 38 ft. over NW. slope.

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



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

Land, rolling.
Soil, sandy loam and gravelly; 2nd and 3rd rates.
No timber; undergrowth, mesquite, greasewood and cactus.

Chains

West, on a random line, bet. secs. 21 and 28.

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

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

Thence

N. $89^{\circ}58'E.$, on true line bet. secs. 21 and 28.

Over broken SE, slope, desc, 20 ft.

6.60 Wash, 40 lks. wide, course S. $45^{\circ}W.$; asc. 46 ft. over W. slope.

21.20 Small spur, slopes S. $45^{\circ}W.$; desc. 34 ft. over SE. slope.

24.90 Wash, 30 lks. wide, course S. $40^{\circ}W.$; asc. 95 ft.

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

$$\begin{array}{r} \frac{1}{4} \text{ S } 21 \\ \hline \frac{1}{4} \text{ S } 28 \\ 1931 \end{array}$$

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

Thence over broken S. slope.

42.66 Dim road, brs. N. $20^{\circ}E.$ and S. $20^{\circ}W.$

50.90 Small draw, course S.

58.50 Descend 49 ft. over SE. slope.

75.50 Wash, 80 lks. wide, course S. $10^{\circ}W.$; asc. 11 ft. over W. slope.

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

Land, rolling.

Soil, rocky; 3rd rate.

No timber; undergrowth, mesquite, greasewood and cactus.

East, on true line, bet. secs. 22 and 27.

Over NW. slope, through scattering timber and undergrowth, asc. 58 ft.

3.20 Spur, slopes S. $60^{\circ}W.$; thence along S. slope.

12.60 Desc. 46 ft. over SE. slope.

15.10 Wash, course S. $60^{\circ}W.$

23.90 Leave wash; asc. 136 ft. over NW. slope.

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

$$\begin{array}{r} \frac{1}{4} \text{ S } 22 \\ \hline \frac{1}{4} \text{ S } 27 \\ 1931 \end{array}$$

raise a mound

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

41.00 Spur, slopes S.; desc. 34 ft. over SE. slope.

50.00 Draw, course S.60°W.; asc. 74 ft. over NW. slope.

57.00 Spur, slopes S.50°W.; desc. 49 ft. over SE. slope.

68.80 Small draw, course S.40°W.; asc. 40 ft. over W. slope.

78.20 Thence over SW. slope.

78.63 Intersect the Arizona and New Mexico State boundary.

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

	T7S	
	S22	N
CC	S27	MEX
	R32E	
	1931	

raise a mound

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

From this point, the 289th mile monument on the Arizona and New Mexico State Boundary, bears N.0°23'W., 27.90 chs. dist., hereinbefore described.

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

At midpoint, bet. the NE. and SE. cors. of sec. 27.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 27 only, with brass cap marked

	¼ S27	N
		MEX
	1931	

raise a mound

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

From this point, the 289th mile monument on the Arizona and New Mexico State Boundary, bears N.0°23'W., 67.86 chs. dist., hereinbefore described.

From the cor. of secs. 21, 22, 27 and 28.

N.0°02'E., bet. secs. 21 and 22.

Over SW. slope, through scattering timber and undergrowth, asc. 69 ft.

0.12 Small drain, course W.

5.90 Short spur, slopes W.; desc. 45 ft. over NW. slope.

14.00 Wash, 200 lks. wide, course S.70°W.; asc. 84 ft. over SE. slope.

Chains	
37.50	Thence over NE. slope; desc. 14 ft.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in edge of small ravine, course S.80°E.
40.30	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S21 S22 WC 1931
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Ascend 75 ft. over SE. slope.
51.60	Spur, slopes S.45°W.; dim road, brs. N.45°E. and S.45°W.; desc. 29 ft. over NW. slope.
59.60	Draw, course S.40°W.; asc. 90 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked
	T7S R32E S16 S15 S21 S22 1931
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.
	S.89°58'W., on a random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line, 17 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence
	S.89°55'E., on true line bet. secs. 16 and 21.
	Over SE. slope, desc. slightly.
.10	Draw, course S.60°W.; asc. 93 ft. over NW. slope.
8.90	Spur, slopes S.50°W.; desc. 74 ft. over SE. slope.
16.10	Draw, course S.50°W.; asc. 83 ft. over W. slope.
22.30	Spur, slopes S.45°W.; desc. 88 ft. over SE. slope.
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	S 16 $\frac{1}{4}$ S. 21 1931

Chains

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

47.80 Wash, 100 lks. wide, course S.60°W.; asc. 197 ft. over broken W. slope. Dim road in bottom of wash.

61.90 Small draw, course N.80°W.,

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

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

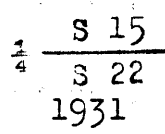
East, on true line bet. secs. 15 and 22.

Over SW. slope, through scattering undergrowth, asc. slightly.

11.30 Dim road, leads down low spur, sloping S.; desc. slightly over broken SE. slope.

36.40 Draw, course S. 10°W., asc. 25 ft. over broken SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked



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

47.00 Draw, course S.60°W.

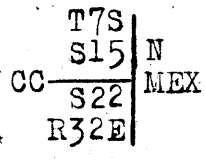
49.20 Small draw, course N.80°W.

52.70 Same draw, course S.80°W.; asc. slightly.

64.80 Spur, slopes S.70°W.; thence along S. slope.

79.70 Intersect the Arizona and New Mexico State Boundary.

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



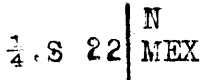
raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

From this point, the 288th mile monument on the Arizona and New Mexico State boundary, bears N.1°17'E., 28.33 chs. dist., hereinbefore described.

Land, rolling,
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

Chains

At midpoint bet. the NE. and SE. cors. of sec. 22,
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 22 only, with brass
cap marked



1931

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

From this point, the 289th mile monument on the Arizona
and New Mexico State Boundary, bears S. $1^{\circ}17'W.$, 12.08 chs.
dist., hereinbefore described.

From the cor. of secs. 15, 16, 21 and 22.

N. $0^{\circ}02'E.$, bet. secs. 15 and 16.

Over NW. slope, through scattering undergrowth, desc. 77
ft.

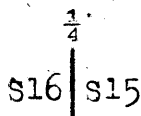
5.80 Draw, course S. $70^{\circ}W.$; asc. 53 ft. over S. slope.

9.20 Spur, slopes S. $70^{\circ}W.$; desc. 110 ft. over NW. slope.

17.30 Wash, 80 lks. wide, course S. $70^{\circ}W.$; asc. 178 ft. over S.
slope.

28.30 Wash, 30 lks. wide, course S. $30^{\circ}W.$

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
the ground to bedrock, with a stone marked X, deposited
at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.
with brass cap marked.



1931

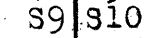
52.60 Spur, slopes S. $40^{\circ}W.$; thence along W. slope.

61.20 Head of drain, course S. $40^{\circ}W.$; asc. 63 ft. over SW.
slope.

66.70 Spur, slopes S. $60^{\circ}W.$; desc. 87 ft. over NW. slope.

79.00 Wash, 30 lks. wide, course S. $45^{\circ}W.$; asc. slightly.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground, for cor. of secs. 9, 10, 15 and 16, with
brass cap marked



1931

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

Land, rolling.

Soil, gravelly; 3rd rate.

Timber, scattering cedar; undergrowth, mesquite, grease-
wood and cactus.

Chains N. 89°55' W., on random line bet. secs. 9 and 16.

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

80.06 Intersect N. and S. line, 2 lks. N. of cor. of secs. 8, 9, 16 and 17.

Thence

S. 89°56' E., on true line bet. secs. 9 and 16.

Over SE. slope, through scattering undergrowth, desc. 22 ft.

17.00 Draw, course S. 45° W.; asc. 80 ft. over NW. slope.

27.00 Spur, slopes S. 45° W.; desc. 49 ft. over SE. slope.

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

$\frac{1}{4}$ S 9
 $\frac{1}{4}$ S 16
 1931

Descend 15 ft. over SE. slope.

42.70 Draw, course S. 50° W.; asc. 62 ft. over NW. slope.

47.80 Spur, slopes S. 50° W.; desc. 27 ft. over SE. slope.

54.30 Draw, course S. 70° W.; asc. 90 ft. over NW. slope.

71.00 Top of ascent; thence over SE. slope, desc. 85 ft.

80.06 The cor. of secs. 9, 10, 15 and 16.

Land, rolling.
 Soil, gravelly; 3rd rate.
 Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

East, on true line bet. secs. 10 and 15.

Over SE. slope, through scattering undergrowth, desc. slightly.

1.20 Wash, 30 lks. wide, course S. 60° W.; asc. 105 ft. over SW. slope.

17.30 Spur, slopes S. 50° W.; desc. 78 ft. over SE. slope.

29.60 Small draw, course S. 30° W.; asc. 50 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 10
 $\frac{1}{4}$ S 15
 1931

Descend 87 ft. over SE. slope.

Chains
55.70 Small draw, course S.20°W.; asc. 63 ft., over broken W. slope.
66.00 Low spur, slopes S.30°W.; desc. 34 ft. over SE. slope.
69.90 Old road, bears N.20°W. and S.20°E.
75.20 Small draw, course S.; asc. along broken SW. slope, 34 ft.
80.00 Intersect the Arizona and New Mexico State Boundary.

Set an iron post, 3 ft. long, 2 ins. in diam., over a mark X, chiseled on surface of exposed ledge, and in a mound of stone, 5 ft. base, 3 ft. high, for closing cor. of secs. 10 and 15, with brass cap marked.

T7S
S10 | N
CC—S15 | MEX.
R32E |
1931

From this point, the 287th mile monument on the Arizona and New Mexico State Boundary, bears N.0°21'W., 28.95 chs. dist., hereinbefore described.

Land, rolling.

Soil, gravelly; 3rd rate.

Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

At midpoint bet. the NE. and SE. cors. of sec. 15,

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. of sec. 15 only, with brass cap marked

$\frac{1}{2}$ S 15 | N
MEX
1931

raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
The 288th mile mon. of State Bdy., hereinbefore described,
brs. S.0°21'E., 11.75 chs. dist.

From the cor. of secs. 9, 10, 15 and 16.

N.0°02'E., bet. secs. 9 and 10.

Over S. slope, through scattering timber and undergrowth, asc. 119 ft.

17.00 Low ridge, brs. N.80°E. and S.80°W.; desc. 173 ft. over NW. slope.

30.70 Wash, 80 lks. wide, course S.80°W.; asc. 104 ft. over broken S. slope.

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

$\frac{1}{4}$
S9 | S10
1931

Chains

- 46.00 Spur, slopes S.70°W.; desc. 42 ft. over N. slope.
- 50.90 Small draw, course W.; asc. 187 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T7S	R32E
S4	S3
S9	S10
1931	

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

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

N.89°56'W., on random line, bet. secs. 4 and 9.

- 40.00 Set temp. ¼ sec. cor.
- 80.04 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence

S.89°57'E., on true line bet. secs. 4 and 9.

Over NW. slope, through scattering timber and undergrowth, asc. 13 ft.

- 2.20 Thence along N. slope.
- 3.40 Dim road, brs. N.50°W. and S.50°E.
- 12.30 Thence over NW. slope, asc. 75 ft.
- 22.50 Spur, slopes S.70°W.; desc. 39 ft. over S. slope.
- 37.00 Draw, course S.60°W.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼	S 4
	S 9
1931	

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

- 41.00 Same draw, course N.80°W.; asc. 93 ft. over S. slope.
- 48.00 Small draw(near head), course S.70°W.;
- 52.50 Spur, slopes S.70°W.; desc. 11 ft. over S. slope.
- 70.10 Small draw(near head), course S.70°W.; asc. 69 ft. over NW. slope.
- 76.70 Spur, slopes S.70°W.; continue ascent over NW. slope.
- 80.04 The cor. of secs. 3, 4, 9 and 10.

Chains

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

East, on true line, bet. secs. 3 and 10.

Along top of spur sloping W.; asc. slightly.

1.90 Bend in spur, from S.60°E.; desc. 45 ft. over NE. slope.

12.00 Saddle, in same spur, from N.80°E. to S.80°W.; asc. 129 ft. over SW. slope.

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

$$\frac{1}{4} \begin{array}{c} S 3 \\ S 10 \end{array}$$
 1931

43.00 Top of S. slope of small hill; desc. 87 ft. over SE. slope.

48.60 Dim road, brs. N.40°E. and S.40°W.

54.30 Draw, course S.30°W.; asc. 103 ft. over SW. slope.

69.60 Small draw, course S.

79.78 Intersect the Arizona and New Mexico State Boundary.

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

$$\begin{array}{c} T7S \\ S3 \\ CC \frac{S10}{R32E} \\ 1931 \end{array} \begin{array}{l} N \\ MEX \end{array}$$

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

From this point, the 286th mile monument on the Arizona and New Mexico State Boundary, bears N.0°01'E., 30.08 chs. dist., hereinbefore described.

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

At midpoint bet. the NE. and SE. cors. of sec. 10.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 10 only, with brass cap marked

$$\frac{1}{4} \begin{array}{c} S10 \\ N \\ MEX \end{array}$$
 1931

raise a mound

Chains

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

From this point, the 287th mile monument on the Arizona and New Mexico State Boundary, bears S.0°01'W., 11.06 chs. dist., hereinbefore described.

At a point 40.00 chs. N. of the SE. cor. of sec. 3.

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

¼ S3 | N
MEX
1931

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

From this point, the 286th mile monument, on the Arizona and New Mexico State Boundary, bears S.0°02'E., 9.92 chs. dist., hereinbefore described.

From the cor. of secs. 3, 4, 9 and 10.

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

40.00 Set temp. ¼ sec. cor.

80.03 Intersect N. bdy. of Tp., 18 lks. W. of the cor. of secs. 33 and 34, T. 6 S., R. 32 E., which is an iron post, 2 ins. in diam., firmly set, projecting 2 ins. above the top of a mound of stone, 4 ft. base, 1½ ft. high, marked and witnessed as described in the official record.

Additionally mark the brass cap to read

T6S | R32E
S33 | S34
S4 | S3
T7S
1929
1931

The ¼ sec. cor. of sec. 33, T. 6 S., R. 32 E., is an iron post, 1 in. in diam., firmly set, projecting 2 ins. above a mound of stone, 2½ ft. base, 1 ft. high, marked and witnessed as described in the official record

Additionally mark the brass cap to read.

¼ S 33
S 4
1929
1931

The ¼ sec. cor. of sec. 34, T. 6 S., R. 32 E., is an iron post, 1 in. in diam., firmly set, projecting 10 ins. above a mound of stone, 2½ ft. base, 1½ ft. high, marked and witnessed as described in the official record.

Additionally mark the brass cap to read

Chains

$$\begin{array}{r} \frac{1}{4} \text{ S } 34 \\ \hline \text{S } 3 \\ 1929 \\ 1931 \end{array}$$

- From the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp. S. 0° 10' W., on true line, bet. secs. 3 and 4.
Over N. slope, through scattering timber and undergrowth, asc. 57 ft.
- 6.10 Ridge, brs. N. 80° W. and S. 80° E.; desc. 169 ft. over S. slope.
- 13.20 Head of draw, course S. 30° E.; thence along E. slope.
- 33.80 Point of spur, slopes S. 10° E.; desc. 253 ft. over S. slope.
- 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \hline \text{S4} | \text{S3} \\ 1931 \end{array}$$

- 45.80 Draw, course S. 80° W.; asc. 33 ft. over NW. slope.
- 51.00 Spur, slopes S. 80° W.; desc. 75 ft. over SW. slope.
- 60.50 Draw, course S. 60° W.; thence along W. slope.
- 70.10 Draw, course N. 80° W.; asc. 107 ft. over N. slope.
- 79.40 Spur, slopes S. 70° W.
- 80.03 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering cedar; undergrowth, mesquite, greasewood and cactus.

For final test of the instrument on a meridian determined by observation on Polaris, see the field notes of T. 5 S., R. 32 E., of exteriors and subdivisions in book "E" of this group.

GENERAL DESCRIPTION

This fractional township is situated about 3 miles north of Duncan, Arizona. It may be reached by means of a road leading off from the Duncan-Clifton Highway about two miles out of Duncan. This road enters the township, near the center of the south boundary of section 32,

leads in a general north-east direction, and passes out of the township on the east boundary of section 15. An other road leading off of the same highway, enters the township on the west boundary of section 7, and ends in the NW. $\frac{1}{4}$ of section 4.

The highest land is in section 3. The drainage is in a general southwest direction. The surface, which is generally rolling, is broken by numerous washes. The only timber is a few scattering cedars. The entire area is covered with greasewood and a thin stand of grass. Other shrubberies encountered, although more scattering, are mesquite and cactus.

The soil is generally a sandy or gravelly loam, which becomes more rocky toward the northeast. The only permanent water is a small spring in the NW. $\frac{1}{4}$ of section 4. There is no indications of any mineral in the township. The only apparent value of the land is for grazing purposes. While there is indications of a settlement having been made in the NW. $\frac{1}{4}$ of section 4, at the time of the survey, the place appeared to be abandoned.

BOOK 3916

4-680
(August, 1926)

FIELD ASSISTANTS.
to

Charles E. Hunter, U.S. Transitman

NAMES.	CAPACITY.
Howard Beard	1st Chainman
W.B. Kniskern	2nd Chainman
E.G. Fish	Cornerman
David T. Ashbaugh	Flagman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Charles E. Hunter U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 161, Arizona bearing date of the 9th day of June, 1930, 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, ~~retraced~~ resurveyed all those parts or portions of the Arizona-New Mexico State Boundary Line resurveyed all those parts or portions of the West Boundary of Fractional Township 7 South, Range 32 East and surveyed all those parts or portions of the Subdivision Lines of Fractional Township 7 South, Range 32 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 2 hereof} as having been executed by me, and under my direction; and that all the corners of said retracement, resurvey and 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 Group 161, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.

Place: Phoenix, Arizona.
 Date: February 15, 1932.

Charles E. Hunter
 U.S. Transitman

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
 Denver, Colo., April 2, 1932

The foregoing field notes of the retracement of Part of the Arizona-New Mexico State Boundary Line of the resurvey of the West Boundary of Fractional Township 7 South, Range 32 East and of the survey of the Subdivision Lines of Fractional Township 7 South, Range 32 East of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Charles E. Hunter, U.S. Transitman under his special instructions dated June 9, 1930 for Group 161, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

Sumner Johnson
 U. S. Supervisor of Surveys.

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

~~U. S. Supervisor of Surveys.~~