

BOOK 4401

4-678  
(April 1933)

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BUREAU OF LAND MANAGEMENT

4401

Indexed

1955 MAY 18 AM 9:27

REGION V.  
PHOENIX, ARIZONA

# FIELD NOTES

Of the Survey of the

Ninth Standard Parallel North

Along the South Boundary of Township 37 North

Through Ranges 30, 31, and Portion of 29 East.

West and North Boundaries of

Townships 37 North, Ranges 30 and 31 East, and

Townships 38 and 39 North, Range 31 East.

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

Ty White, Cadastral Engineer

Under special instructions dated April 5 and April 18, 1951, which provided

for the surveys included under Group No. 276, ~~bearing the approval of the~~  
Commissioner of the General Land Office under date of approved April 10, 1951  
April 20, 1951

and assignment instructions dated April 16, 1951

Survey commenced May 25, 1951

Survey completed June 22, 1951

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# INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

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R31E

T39N

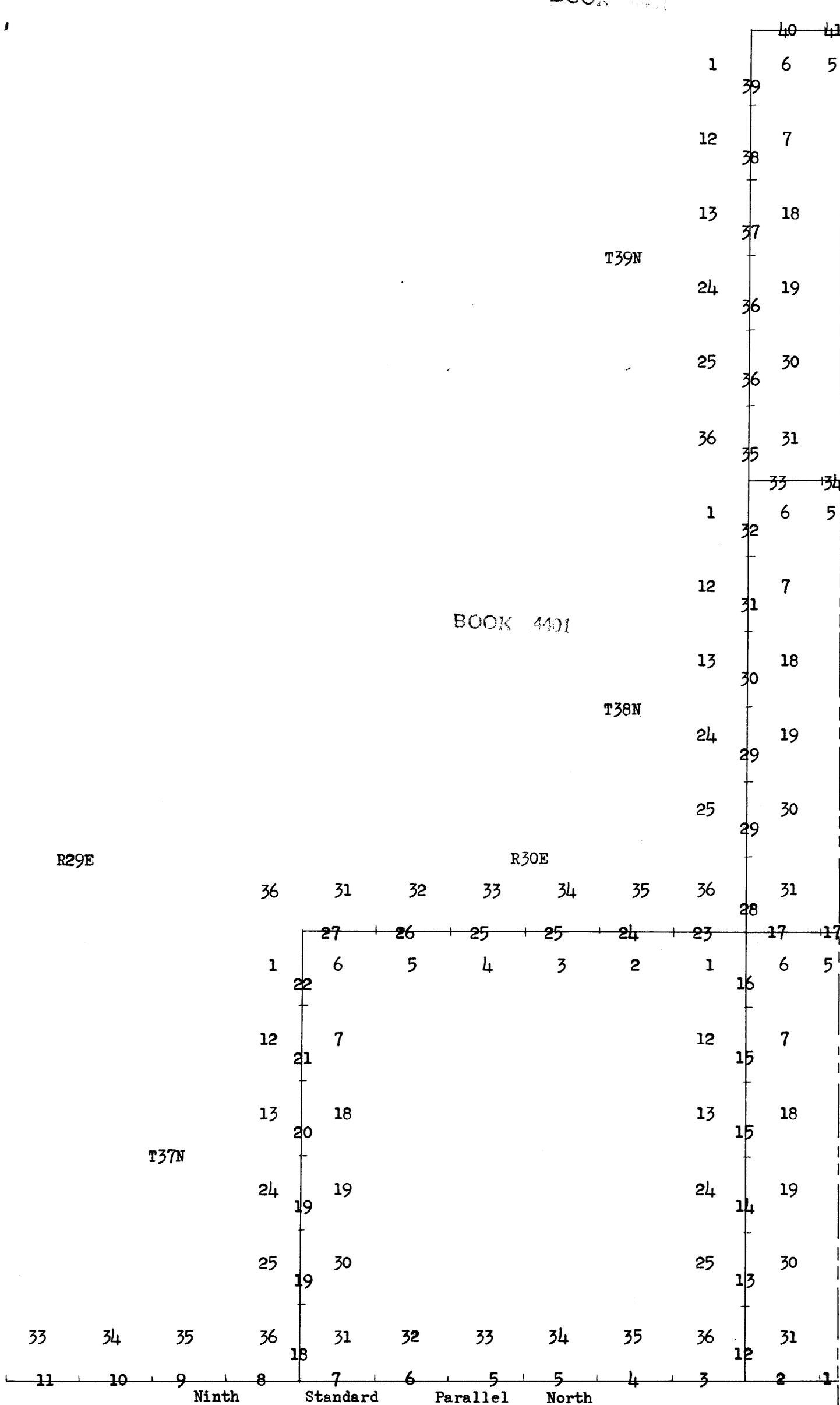
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T38N

R29E

R30E

T37N



9th Stan. Par. N., S. Bdy. T. 37 N., Rs. 29, 30, and 31 E.

The survey was executed with a Gurley solar transit, serial No. 461263, property of and conforming to the standard specifications of the Bureau of Land Management. The horizontal circle has two double opposite verniers reading to single minutes and the vertical circle has one double vernier reading to single minutes. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey.

The measurements were made with narrow steel tapes, 5 chains in length, graduated every link for the first 100 lks. and the balance at intervals of 10 links. Independent measurements were made by two sets of chainman; the recorded distances are the mean of the two measurements. The tapes were tested by comparison with a standard 1-chain steel tape and found correct. Measurements were made on the slope and the vertical angle of each interval was ascertained by clinometers which were kept in good adjustment; the field note record shows the horizontal equivalents.

Transit lines without the use of the solar attachment are employed in this survey, the azimuths being referred to the meridian established by Polaris observation as follows:

May 24, 1951, at a station approximately 24 chains N. of the 27 Mile Cor. on the Ariz.- N. M. boundary, in approximate latitude  $36^{\circ} 36' 45''$  N. and longitude  $109^{\circ} 02' 40''$  W., as determined from data given in the special instructions, elevation approximately 7500 ft. I make an hour angle observation on Polaris W. of the meridian for azimuth and latitude, making four observations, two each with the telescope in direct and reversed positions, observing simultaneously the vertical angle to Polaris and the horizontal angle from the W. edge of a bluff on the skyline approximately 10 miles northeasterly, W. to Polaris. My watch reads correct Mountain Standard Time as checked by radio time signals.

Mean watch time of observation	7h 27m 30s p.m.
Watch fast of l.m.t.	0h 16m 12s
Mean horizontal deflection angle	3° 55' 06"
Azimuth of Polaris	0° 43' 24"
Bearing of reference point	N. 3° 11' 42" E.
Vertical angle to Polaris	35° 51' 35"
Reduced latitude	36° 36' 50" N.

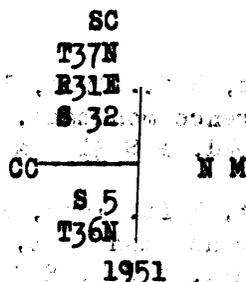
The survey was initiated on the request of the Bureau of Indian Affairs, Navajo Service.

9th Stan. Par. N., S. Bdy. T. 37 N., R. 31 E.

Beginning at the point for the standard closing corner of the 9th Standard Parallel North on the Arizona- New Mexico Boundary, 19.97 chains SOUTH of the 30 Mile Corner, and previously determined as being 2405.50 chains SOUTH and 1.64 chains WEST of the Corner of Colorado, Utah, Arizona, and New Mexico, and for which the geographic position is computed as:

Latitude  $36^{\circ} 33' 47''$  N., and Longitude  $109^{\circ} 02' 42''$  W.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.



raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. WEST, with the establishment of the Ninth Standard Parallel North, along the S. bdy. of sec. 32, T. 37 N., R. 31 E.

9th Stan. Par. N., S. Edy..T. 37 N., R. 31 E.

Chains	Over rolling land, through sage.
0.44	Road, bears N. and S.
5.00	A low sandy ridge, bears N. and S.
6.70	Road, bears N. and S.
17.20	Road, bears N. and S.
19.10	Point for the standard corner of secs. 31 and 32, at previously computed position.
	Set an iron post, 30 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.
	SO T37NR31E S31   S32 1951
	raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.
	Land, rolling.
	Soil, sandy clay.
	No. timber; undergrowth, sage.
<hr/>	
	WEST, along S. bdy. of sec. 31
	Over rolling land, through sage.
13.50	Road, bears NW. and SE.
22.70	A low, sandy ridge, bears N. and S.
24.80	Road, bears NE. and SW.
35.80	Small wash, drains N., at NE. end of dirt dam about 5 chs. long.
39.80	Well travelled road, bears N. and S.
40.00	Point for the standard ¼ sec. cor. of sec. 31, falls in W. edge of road.
	Set an iron post, 3 ft. long, 1 in. diam., with top 6 ins. below the surface of the ground, and brass cap mkd.
	SC ¼ S31 1951
	from which
	An iron post, 3 ft. long, 1 in. diam., set 27 ins. in the ground for a reference monument, bears N. 45° E., 100 lks. dist., with brass cap mkd. ¼ S 31 R M 1951 and an arrow pointing to the cor.
	An iron post, 3 ft. long, 1 in. diam., set 27 ins. in the ground for a reference monument, bears N. 45° W., 100 lks. dist., with brass cap mkd. ¼ S 31 R M 1951 and an arrow pointing to the cor.
41.80	Wash, 10 lks. wide, drains N.
47.90	Enter cultivated field, bears NE. and SW.
61.00	Leave field, bears N. and S.
65.00	A low, sandy ridge, bears N. and S.

FOUR CORNERS

9th Stan. Par. N., S. Bdy. T. 37 N., R. 31 E.

Chains

80.00

Point for the standard corner of Ts. 37 N., Rs. 30 and 31 E., at the previously computed geographic position of latitude  $36^{\circ} 33' 47''$  N. and longitude  $109^{\circ} 04' 02''$  W., as computed from U.S. Coast and Geodetic Survey triangulation station "Four Corners".

Set an iron post, 30 ins. long  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC	
T37N	
R30E	R31E
S36	S31

1951

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

Land, rolling.

Soil, sandy clay.

No timber; undergrowth, sage.

9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

From the standard corner of Ts. 37 N., Rs. 30 and 31 E.

West, with the establishment of the Ninth Standard Parallel North, along the S. bdy. of sec. 36, T. 37 N., R. 30 E.

Over rolling and broken land, through sage.

2.60

Wash, 12 lks. wide, drains N; asc. 53 ft. over an E. slope.

11.55

Top of a rocky ridge, bears N. and S; desc. 35 ft. over NW. slope.

12.80

Road, bears N. and S.

15.40

Wash, 1 ch. wide, drains NNE.

17.10

Enter cultivated field, bears N. and S.

25.20

Leave field, bears NW. and SE; asc. 30 ft. over an E. slope.

25.65

Road, bears N. and S.

27.95

Road, bears NNE. and SSW.

31.50

Top of a sandy ridge; desc. 35 ft. over a W. slope.

34.45

Wash, 20 lks. wide, drains NE.

40.00

Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

SC	
$\frac{1}{4}$	S 36

1951

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

45.00

Asc. 213 ft. over bluffs and E. slope of a red rock butte.

53.35

Top of ascent, bears N. and S.

56.60

Desc. 180 ft. over bluffs and W. slope of butte.

9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

Chains	
61.10	Foot of butte and steep descent; desc. 28 ft. over gradual NW. slope.
69.60	Wash, 12 lks. wide, drains NNE.
77.90	Road, bears N. and S.
80.00	Point for the standard corner of secs. 35 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.  SC T37NR30E <u>S35   S36</u>  1951  raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of corner.  Land, rolling, broken, and hilly. Soil, sandy clay; rock cliffs on slopes of butte. No timber; undergrowth, sage.
	West, along S. bdy. of sec. 35.  Over rolling land, through sage and very scattered timber.
1.70	Wash, 12 lks. wide, drains N.
5.75	Top of a sandstone bluff, bears NE. and SW; desc. 52 ft. over a NW. slope.
8.20	Head of a wash, drains NW; thence over rolling land.
22.30	Wash 175 lks. wide, drains NE.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35.  Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.  SC <u><math>\frac{1}{4}</math> S35</u>  1951  raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of corner.
41.60	Road, bears NE. and SW.
49.40	Road, bears N. and S.
52.10	Wash, 12 lks. wide, drains NE; asc. 85 ft. over gradual E. slope.
75.00	A low ridge, bears N. and S.
77.05	Road, bears N. and S.
80.00	Point for the standard corner of secs. 34 and 35.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.  SC T37NR30E <u>S34   S35</u>  1951

## BOOK 4401

9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

## Chains

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

Land, rolling.

Soil, sandy clay.

Timber, a few scattering juniper and pinon; undergrowth, sage.

West, along S. bdy. of sec. 34.

Over rolling land, through very scattered timber, and sage.

12.10 Wash, 50 lks. wide, drains NNE.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

SC

$\frac{1}{4}$  S34

1951

dig pits, 18 x 18 x 14 ins., E. and W. of cor., 3 ft. dist.

47.50 Road, bears NE. and SW.

70.00 Road, bears WNW. and ESE.

80.00 Point for the standard cor. of secs. 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC

T37NR30E

S33 | S34

1951

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

Land, rolling.

Soil, sandy clay.

Timber, a few scattered juniper and pinon; undergrowth, sage.

West, along S. bdy. of sec. 33.

Over rolling land, through sage.

13.60 Wash, 20 lks. wide, drains N; enter scattering timber.

20.70 Wash, 40 lks. wide, drains NNE.

29.50 Road, bears N. and S.

31.20 Wash, 40 lks. wide, drains NE.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC

$\frac{1}{4}$  S33

1951

from which

## BOOK 4401 6

9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

## Chains

A juniper, 14 ins. diam.; bears N.  $41^{\circ}$  E., 72 lks. dist.,  
mkd. SC  $\frac{1}{4}$ S33 BT.

A juniper, 8 ins. diam., bears N.  $78\frac{1}{2}^{\circ}$  W., 73 lks. dist.,  
mkd. SC  $\frac{1}{4}$ S33 BT.

52.20 Road, bears N. and S.

54.10 Wash, 35 lks. wide, drains N; asc. 80 ft. over a NE. slope.

59.45 Wash, 10 lks. wide, drains NE.

67.65 Road, bears NE. and SW., and top of ascent.

72.70 Desc. 55 ft. over a NW. slope.

78.65 Wash, 35 lks. wide, drains NNE.

80.00 Point for the standard corner of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

SC  
T37NR30E  
S32 | S33

1951

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

Land, rolling and broken.

Soil, sandy clay.

Timber, scattering pinon and juniper; undergrowth, sage.

West, along S. bdy. of sec. 32.

Over rolling and hilly land, through sage and scrub timber.

0.70 Road, bears NE. and SW; asc. 98 ft. over a SE. slope.

7.30 Top of ascent; desc. 25 ft. over a NNW. slope.

11.35 Road, bears NE. and SW.

13.25 Wash, 30 lks. wide, drains NE; continue over broken and rolling land.

26.35 Ravine, and wash, 30 lks. wide, drains NE.

33.10 Ridge, bears N. and S; desc. 240 ft. over a W. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

SC  
 $\frac{1}{4}$  S32

1951

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

This corner is on a small spur which slopes NW; desc. 70 ft. over a  
NW. slope.

44.65 Wash, 10 lks. wide, drains NW; thence over broken and rolling land.

9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

## Chains

49.90 Wash, 30 lks. wide, drains NNE.

64.00 Wash, 20 lks. wide, drains N.

80.00 Point for the standard cor. of secs. 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC  
T37NR30E  
S31 | S32

1951

from which

A pinon, 12 ins. diam., bears N.  $61^\circ$  E., 89 lks. dist.,  
mkd. T37N R30E S32 SC BT.

A juniper, 10 ins. diam., bears N.  $50\frac{3}{4}^\circ$  W., 43 lks. dist.,  
mkd. T37N R30E S31 SC BT.

Land, hilly, broken, and rolling.

Soil, sandy clay.

Timber, pinon and juniper; undergrowth, sage.

West, along S. bdy. of sec. 31.

Over broken and hilly land, through heavy timber and sage.

5.00 Wash, 15 lks. wide, drains NNE; asc. 85 ft. over a SE. slope.

14.10 Road, bears N. and S.

15.90 Spur, slopes NE; thence along a N. slope.

18.30 Wash, 15 lks. wide, drains NE; asc. 20 ft. over a SE. slope.

24.30 Top of ridge, slopes NE; desc. 140 ft. over a NW. slope.

29.40 Wash, 25 lks. wide, at foot of descent, drains N.

30.30 Trail, bears N. and S.

30.50 Short spur, slopes N.

32.25 Wash, 15 lks. wide, drains NNE; asc. 128 ft. over an E. slope.

35.50 Spur, slopes N., desc. 77 ft. to corner.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 31.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC  
 $\frac{1}{4}$  S31

1951

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

42.80 Wash, 15 lks. wide, drains NE; asc. 135 ft. over a SE. slope.

47.30 Top of ascent.

48.30 Wide spur, slopes NE; desc. 60 ft. over gradual NW. slope.

## 9th Stan. Par. N., S. Bdy. T. 37 N., R. 30 E.

## Chains

67.45 Road, bears N. and S., thence over rolling land.

71.90 Wash, 20 lks. wide, drains N.

72.20 Road, bears N. and S.

80.00 Point for the standard corner of Ts. 37 N., Rs. 29 and 30 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC	
T37N	
R29E	R30E
S36	S31

1951

from which

A pinon, 10 ins. diam., bears N.  $13\frac{3}{4}^{\circ}$  E., 154 lks. dist., mkd. T37N R30E S31 SC BT.

A juniper, 16 ins. diam., bears N.  $69\frac{1}{2}^{\circ}$  W., 80 lks. dist., mkd. T37N R29E S36 SC BT.

The geographic position of this corner, as computed from U. S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^{\circ} 33' 47''$  N., and Longitude  $109^{\circ} 10' 30''$  W.

Land, broken, hilly, and rolling.

Soil, sandy clay.

Timber, pinon and juniper; undergrowth, sage.

9th Stan. Par. N., Portion of S. Bdy. T. 37 N., R. 29 E.

From the standard cor. of Ts. 37 N., Rs. 29 and 30 E.

West, establishing the 9th Standard Parallel North, along the S. bdy. of sec. 36, T. 37 N., R. 29 E.

Over rolling land, through heavy timber and sage.

0.40 Road, bears N. and S.

2.80 Wash, 15 lks. wide, drains N.

6.40 Wash, 20 lks. wide, drains N.

13.00 Wash, 18 lks. wide, with small stream of running water, drains N.

15.00 Road, bears N. and S.

16.00 Wash, 40 lks. wide, drains N.

28.30 Wash, 30 lks. wide, drains N.

31.60 Wash, 60 lks. wide, drains NE; asc. 57 ft. over an E. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC	
$\frac{1}{4}$	S36

1951

from which

## BOOK 4401

9th Stan. Par. N., Portion of S. Bdy. T. 37 N., R. 29 E.

## Chains

A pinon, 6 ins. diam., bears N.  $35^{\circ}$  E., 33 lks. dist.,  
mkd.  $\frac{1}{4}$  S36 SC BT.

A pinon, 5 ins. diam., bears N.  $48^{\circ}$  W., 36 lks. dist.,  
mkd.  $\frac{1}{4}$  S36 SC BT.

Asc. 27 ft. over an E. slope.

41.45 Spur, slopes N; desc. 165 ft. over gradual NW. slope.

61.40 Wash, 15 lks. wide, drains NW.

67.90 Wash, 40 lks. wide, in ravine, drains NE; asc. 125 ft. over E. slope.

78.10 Top of ascent; thence over rolling land.

80.00 Point for the standard cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

SC  
T37NR29E  
S35 | S36

1951

from which

A pinon, 3 ins. diam., bears N.  $35^{\circ}$  E., 47 lks. dist.,  
mkd. SC BT.

A juniper, 8 ins. diam., bears N.  $67\frac{1}{4}^{\circ}$  W., 39 lks. dist.,  
mkd. T37N R29E S35 SC BT.

Land, broken, hilly, and rolling.

Soil, sandy clay.

Timber, pinon and juniper; undergrowth, sage.

West, along S. bdy. of sec. 35.

Over rolling land, through heavy timber and sage.

1.70 Wash, 15 lks. wide, drains NE.

10.00 A sandy spur, slopes NE.

14.40 Wash, 15 lks. wide, drains N.

25.10 Wash, 20 lks. wide, drains NE.

38.25 Wash, 30 lks. wide, drains NE.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 35.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground,  
with brass cap mkd.

SC  
 $\frac{1}{4}$  S35

1951

from which

A juniper, 8 ins. diam., bears N.  $50\frac{1}{4}^{\circ}$  E., 32 lks. dist.,  
mkd.  $\frac{1}{4}$  S35 SC BT.

A juniper, 14 ins. diam., bears N.  $73^{\circ}$  W., 23 lks. dist.,  
mkd.  $\frac{1}{4}$  S35 SC BT.

9th Stan. Par. N., Portion of S. Bdy. T. 37 N., R. 29 E.

## Chains

48.30 Desc. 50 ft. over gradual W. slope.  
 57.00 Wash, 25 lks. wide, drains NE.  
 59.25 Road, bears N. and S.  
 67.50 Wash, 15 lks. wide, drains NW.  
 75.20 Wash, 10 lks. wide, drains NW.  
 78.15 A low, sharp spur, slopes N., desc. 36 ft. over a W. slope.  
 80.00 Point for the standard cor. of secs. 34 and 35.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

SC  
 T37NR29E  
 S34 | S35

1951

from which

A pinon, 8 ins. diam., bears N.  $43\frac{1}{2}^{\circ}$  E., 39 lks. dist., mkd. T37N R29E S35 SC BT.

A pinon, 14 ins. diam., bears N.  $64^{\circ}$  W., 55 lks. dist., mkd. T37N R29E S34 SC BT.

Land, rolling and broken.  
 Soil, sandy clay.  
 Timber, juniper and pinon; undergrowth, sage.

West, along S. bdy. of sec. 34.

Over broken land, through heavy timber and sage.

Desc. 60 ft. over a W. slope.

3.55 Wash, 50 lks. wide, in ravine, drains N; asc. 83 ft. over E. slope.  
 8.45 A sharp spur, slopes N; desc. 28 ft. over a W. slope.  
 9.90 Wash, 30 lks. wide, with small stream of water, drains N; thence over rolling land.  
 12.60 Enter cultivated land, bears N. and S.  
 13.70 Leave cultivated land, bears NW. and SE.  
 21.90 Road, bears N. and S.  
 22.75 Enter cultivated land, bears N. and S.  
 36.60 Leave cultivated land, bears N. and S.  
 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

SC  
 $\frac{1}{4}$  S 34

1951

from which

BOOK 4401

9th Stan. Par. N., Portion of S. Bdy. T. 37 N., R. 29 E.

Chains

A juniper, 10 ins. diam., bears N. 79° E., 273 lks. dist.,  
mkd.  $\frac{1}{4}$  S34 SC BT.

A juniper, 5 ins. diam., bears N. 65° W., 41 lks. dist.,  
mkd.  $\frac{1}{4}$  S34 SC BT.

43.40 Wash, 40 lks. wide, drains NE.

44.80 Road, bears N. and S.

45.05 Enter cultivated land, bears N. and S.

63.80 Leave cultivated land, bears NE. and SW.

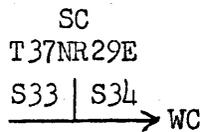
65.90 Enter cultivated land, bears NW. and SE.

77.30 Leave cultivated land, bears NE. and SW.

78.70 Hogan, about 1 ch. S. of line.

80.00 True point for the standard cor. of secs. 33 and 34, falls in SE.  
corner of a log cabin.

At a point 50 lks. West of the true point, set an iron post, 30 ins.  
long,  $2\frac{1}{2}$  ins. diam., 30 ins. in the ground, for witness corner mon-  
ument, with brass cap mkd.



1951

from which

A juniper, 15 ins. diam., bears N. 27 $\frac{1}{2}$ ° E., 80 lks. dist.,  
mkd. X BT.

A juniper, 12 ins. diam., bears N. 58° W., 159 lks. dist.,  
mkd. X BT.

Land, rolling and broken.  
Soil, sandy clay.  
Timber, juniper and pinon; undergrowth, sage.

From the true point for the standard cor. of secs. 33 and 34.

West, along S. bdy. of sec. 33.

Over rolling land, through pinon, juniper, and sage.

12.55 Wash, 30 lks. wide, drains NW.

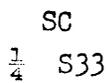
27.10 Spur, slopes NNE; desc. 60 ft. over a NW. slope.

36.25 Wash, 60 lks. wide, drains NE.

39.40 Road, bears NE. and SW.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 33.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground,  
with brass cap mkd.



1951

from which

9th Stan. Par. N., Portion of S. Bdy. T. 37 N., R. 29 E.

Chains

A juniper, 9 ins. diam., bears N.  $80^{\circ}$  E., 63 lks. dist.,  
mkd.  $\frac{1}{4}$  S33 SC BT.

A pinon, 6 ins. diam., bears N.  $20\frac{1}{2}^{\circ}$  W., 42 lks. dist.,  
mkd.  $\frac{1}{4}$  S33 SC BT.

Asc. 60 ft. over an E. slope.

50.50 Top of ascent; thence over rolling land.

59.60 Wash, 15 lks. wide, drains SE; asc. 60 ft.

66.00 Small spur, slopes SE; asc. 73 ft. along a S. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

SC  
T37NR29E  
S32 | S33

1951

from which

A juniper, 12 ins. diam., bears N.  $45\frac{3}{4}^{\circ}$  E., 43 lks. dist.,  
mkd. T37N R29E S33 SC BT.

A pinon, 7 ins. diam., bears N.  $13^{\circ}$  W., 36 lks. dist.,  
mkd. T37N R29E S32 SC BT.

Land, broken, hilly, and rolling.

Soil, sandy clay.

Timber, juniper and pinon; undergrowth, sage and scrub oak.

West Boundary of T. 37 N., R. 31 E.

From the standard corner of Ts. 37 N., Rs. 30 and 31 E.

North, bet. secs. 31 and 36.

Over rolling land, through sage.

6.80 Road, bears NW. and SE.

18.10 Road, bears E. and W.

18.40 Enter alfafa field, bears E. and W.

39.00 Leave field, bears NE. and SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, falls at S. edge of a  
wash, 20 lks. wide, which drains NE; impracticable to set monument.

41.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  
witness cor. monument, with brass cap mkd.

$\frac{1}{4}$   
S36 | S31  
↓  
WC  
1951

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

59.50 Road, bears NE. and SW.

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West Boundary of T. 37 N., R. 31 E.

Chains

- 61.90 A ditch, course NE.  
 62.40 Road, bears E. and W.  
 80.00 Point for the cor. of secs. 25, 30, 31, and 36.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T37N	
R30E	R31E
S25	S30
S36	S31
1951	

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

Land, rolling.  
 Soil, sandy clay.  
 No timber; undergrowth, sage.

North, bet. secs. 25 and 30.

Over rolling land, through sage.

- 18.70 Wash, 60 lks. wide, drains NE.  
 23.00 Wash, 60 lks. wide, drains NW.  
 25.80 Road, bears NNW. and SSE.  
 34.20 Road, bears NE. and SW.  
 37.50 Wash, 70 lks. wide, drains NE.  
 40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, falls in wash; impracticable to set monument.  
 41.40 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness corner monument, with brass cap mkd.

$\frac{1}{4}$
↓
S25   S30
↓
WC
1951

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

- 45.10 Same wash, 90 lks. wide, drains NW.  
 48.30 Same wash, 1 ch. wide, drains ENE.  
 60.60 Road, bears NE. and SW.  
 69.80 Wash, 1 ch. wide, drains NE.  
 73.20 Bend in same wash, drains NE. from SE.  
 76.90 Road, bears E. and W.  
 77.40 Wash, 10 lks. wide, drains E.  
 80.00 Point for the cor. of secs. 19, 24, 25, and 30.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

## West Boundary of T. 37 N., R. 31 E.

Chains

T37N	
R30E	R31E
S24	S19
S25	S30

1951

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

Land, rolling and broken.  
Soil, sandy clay.  
No timber; undergrowth, sage.

North, bet. secs. 19 and 24.

Over rolling land, through sage.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

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

1951

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

42.50 Wash, 10 lks. wide, drains NE; desc. 45 ft. over gradual NE. slope.

57.00 S. end of reservoir, in Red Rock Wash which drains NE. from SE.

64.80 N. end of reservoir.

69.90 Irrigation ditch, 12 lks. wide, course NW.

74.30 Same ditch, course NE.

78.80 Road, bears E. to Shiprock, N. M. and W. to Cove Trading Post.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T37N	
R30E	R31E
S13	S18
S24	S19

1951

from which

Church belfry, at Red Rock, bears S.  $76^{\circ} 29'$  E.N. gable of trading post, bears S.  $66^{\circ} 40'$  E.raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of corner.

Land, rolling and broken.  
Soil, sandy clay.  
No timber; undergrowth, sage.

## West Boundary of T. 37 N., R. 31 E.

Chains	North, bet. secs. 13 and 18.
	Over rolling land, through sage.
3.50	Irrigation ditch, 15 lks. wide, course NW.
17.30	Road, bears NW. and SE.
22.85	Church belfry, at Red Rock, bears S. 47° 26' E., and N. gable of trading post bears S. 40° 02' E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ S13   S18 1951
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.
60.00	Left bank of Red Rock Wash, drains NW.
64.40	Right bank of same.
80.00	Point for the cor. of secs. 7, 12, 13, and 18.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.
	T37N R30E   R31E S12   S 7 ----- S13   S18 . 1951
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.
	Land, rolling. Soil, sandy clay. No timber; undergrowth, sage.
	North, bet. secs. 7 and 12.
	Over rolling land, through sage.
30.83	Road, bears E. and W.
31.40	Wash, 10 lks. wide, drains W.
38.10	Wash, 20 lks. wide, drains WSW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.
	$\frac{1}{4}$ S12   S 7 1951
49.30	Road, Red Rock to Oak Springs, bears NNW. and SSE.
53.50	Road, bears NE. and SW; desc. 64 ft. over gradual NW. slope.

## West Boundary of T. 37 N., R. 31 E.

Chains

79.00 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, for witness corner monument of secs. 1, 6, 7, and 12, with brass cap mkd.

	WC	
	T37N	
	↑	
R30E		R31E
S 1		S 6
<hr/>		
S12		S 7
1951		

80.00 dig pits, 18 x 18 x 18 ins., N. and S. of post, 3 ft. dist.  
True point for cor. falls in E. edge of road.  
Land, rolling.  
Soil, sandy clay.  
No timber; undergrowth, sage.

---

North, bet. secs. 1 and 6. From true point for cor. of secs. 1, 6, 7, and 12.

Over rolling land, through sage.

0.15 Road to Oak Springs, bears NE. and SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

	$\frac{1}{4}$	
	↑	
S1		S6
<hr/>		
1951		

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

60.00 Road, bears NE. and W.

69.70 Road, bears NE. and SW.

80.00 Point for the cor. of Ts. 37 and 38 N., Rs. 30 and 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

	T38N	
R30E		R31E
S36		S31
<hr/>		
S1		S6
T37N		
1951		

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

The geographic position of this corner, as computed from U. S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^{\circ} 39' 00''$  N., Longitude  $109^{\circ} 04' 02''$  W.

Land, rolling.  
Soil, sandy clay.  
No timber; undergrowth, sage.

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## North Boundary of T. 37 N., R. 31 E.

Chains	
	From the cor. of Ts. 37 and 38 N., Rs. 30 and 31 E. East, bet. secs. 6 and 31. Over rolling land, through sage.
5.00	Road, bears NW. and SE.
7.30	Road, bears NW. and SE.
12.60	Road to Oak Springs, bears NNE. and SSW; desc. 57 ft. over SE. slope.
26.00	Wash, 30 lks. wide, drains NE; asc. 50 ft. over a W. slope.
34.40	Top of ascent; thence over rolling land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.  $\frac{1}{4} \frac{S31}{S6}$ 1951 raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of corner.
44.20	Road, bears N. and SW.
48.20	Wash, 15 lks. wide, drains NE.
58.15	Wash, 15 lks. wide, drains NW.
64.00	A low spur, slopes NE.
72.15	Wash, 30 lks. wide, drains N.
80.00	Point for the cor. of secs. 5, 6, 31, and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.  $\begin{array}{c} T38NR31E \\ S31   S32 \\ \hline S6   S5 \\ T37N \\ 1951 \end{array}$ raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Land, rolling and broken. Soil, sandy clay. No timber; undergrowth, sage.
	East, bet. secs. 5 and 32. Over rolling land, through sage.
7.16	Wash, 10 lks. wide, drains NNW.
9.10	A low spur, slopes NW.
12.10	Road, bears NW. and SE.
15.68	Top of an earth dam, about 3 chs. long and 10 ft. high, bears N. and S.
19.30	Intersect the Arizona - New Mexico boundary.

## North Boundary of T. 37 N., R. 31 E.

Chains

Point for the closing cor. of secs. 5 and 32, Ts. 37 and 38 N., R. 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

	T38N	
	R31E	
	S32	
CC	S 5	N M
	T37N	

1951

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of corner.From this point the 2 $\frac{1}{4}$  Mile Cor. on the State boundary bears N.  $0^{\circ} 05' E.$ , 19.65 chs. dist. and is monumented by an iron post.From the same point the 2 $\frac{1}{2}$  Mile Cor. bears S.  $0^{\circ} 05' W.$ , 20.32 chs. dist., and is monumented by an iron post.

Land, rolling.

Soil, sandy clay.

No timber; undergrowth, sage.

## West Boundary of T. 37 N., R. 30 E.

From the standard cor. of Ts. 30 N., Rs. 29 and 30 E.

North, bet. secs. 31 and 36.

Desc. 120 ft. over rolling NE. slope, through pinon, juniper, and sage.

12.50 Wash, 13 lks. wide, drains NE.

21.15 Wash, 10 lks. wide, drains NE.

24.00 Road, bears NE. and SW.

25.00 Leave timber and enter cultivated land, bears NE. and SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 3 ft. long, 1 in. diam., with top 6 ins. below surface of ground, and with brass cap mkd.

	$\frac{1}{4}$	
	S36	S31

1951

from which

A cottonwood, 1 $\frac{1}{4}$  ins. diam., bears S.  $33\frac{1}{2}^{\circ} E.$ , 327 lks. dist., mkd.  $\frac{1}{4}$  S31 BT.S. gable of a house, bears N.  $51^{\circ} E.$ , about 7 chs. dist.

Desc. 90 ft. over gradual N. slope.

63.80 Leave cultivated land, bears NW. and SE.

72.20 Wash, 30 lks. wide, drains NE.

73.70 Road, bears E. and W.

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

19401

## West Boundary of T. 37 N., R. 30 E.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T37N	
R29E	R30E
S25	S30
S36	S31
1951	

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

Land, rolling.

Soil, sandy clay.

Timber, juniper and pinon; undergrowth, sage.

North, bet. secs. 25 and 30.

Desc. 50 ft. over rolling NE. slope, through sage.

31.10 Road, bears ENE. to Red Rock and WSW. to Cove.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	
S25	S30
1951	

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

Desc. 50 ft. over rolling NE. slope.

60.42 Telephone line, bears ENE. and WSW.

73.30 Wash, 10 lks. wide, drains NE.

80.00 Point for the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T37N	
R29E	R30E
S24	S19
S25	S30
1951	

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

Land, rolling.

Soil, sandy clay.

No timber; undergrowth, sage.

North, bet. secs. 19 and 24.

Desc. 35 ft. over gradual N. slope, through sage.

10.00 Wash, 40 lks. wide, drains ENE; thence over gently rolling land.

25.30 Road, bears NE. and SW.

27.00 Wash, 50 lks. wide, drains E. with small stream of water.

## West Boundary of T. 37 N., R. 30 E.

Chains	
38.50	Road, bears NE. and SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\   \\ S24 \quad   \quad S19 \\   \\ 1951 \end{array}$
	raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of corner. Asc. 130 ft. over rolling SE. slope.
48.60	Wash, 12 lks. wide, drains SE.
52.30	Enter scattering timber.
69.50	Road, bears NE. and SE.
80.00	Point for the cor. of secs. 13, 18, 19, and 24. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} T37N \\ R29E \quad   \quad R30E \\ S13 \quad   \quad S18 \\ \hline S24 \quad   \quad S19 \\ 1951 \end{array}$
	from which A juniper, 16 ins. diam., bears N. $26\frac{3}{4}^\circ$ E., 84 lks. dist., mkd. T37N R30E S18 BT. A pinon, 10 ins. diam., bears S. $41\frac{3}{4}^\circ$ E., 84 lks. dist., mkd. T37N R30E S19 BT. A juniper, 8 ins. diam., bears S. $69\frac{1}{4}^\circ$ W., 102 lks. dist., mkd. T37N R29E S24 BT. A pinon, 20 ins. diam., bears N. $69\frac{1}{2}^\circ$ W., 82 lks. dist., mkd. T37N R29E S13 BT.
	Land, rolling. Soil, sandy clay. Timber, scattered juniper and pinon; undergrowth, sage.
	North, bet. secs. 13 and 18. Over rolling land, through scattering timber.
5.00	Road, bears NE. and SW.
26.70	Desc. 68 ft. over a NW. slope.
33.50	Wash, 15 lks. wide, drains NW; thence over rolling land.
37.80	A low ridge, bears E. and W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

## West Boundary of T. 37 N., R. 30 E.

Chains

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

S13	S18
-----	-----

1951

from which

A pinon, 6 ins. diam., bears N.  $29\frac{3}{4}^{\circ}$  E., 80 lks. dist.,  
mkd.  $\frac{1}{4}$  S18 BT.

A pinon, 14 ins. diam., bears N.  $20\frac{1}{4}^{\circ}$  W., 66 lks. dist.,  
mkd.  $\frac{1}{4}$  S13 BT.

67.50 Wash, 30 lks. wide, drains NE.

72.10 A low spur, slopes NE.

76.00 Road, bears E. and W.

77.10 Wash, 60 lks. wide, drains ENE.

80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

$$\begin{array}{c} \text{T37N} \\ \text{R29E} \mid \text{R30E} \\ \text{S12} \mid \text{S 7} \\ \hline \text{S13} \mid \text{S18} \end{array}$$

1951

from which

A juniper, 6 ins. diam., bears N.  $41\frac{1}{4}^{\circ}$  E., 108 lks. dist.,  
mkd. T37N R30E S7 BT.

A juniper, 30 ins. diam., bears S.  $32\frac{1}{2}^{\circ}$  E., 397 lks. dist.,  
mkd. T37N R30E S18 BT.

A juniper, 12 ins. diam., bears S.  $33^{\circ}$  W., 234 lks. dist.,  
mkd. T37N R29E S13 BT.

A juniper, 10 ins. diam., bears N.  $27\frac{1}{4}^{\circ}$  W., 47 lks. dist.,  
mkd. T37N R29E S12 BT.

Land, rolling and broken.

Soil, sandy clay.

Timber, scattered juniper and pinon; undergrowth, sage.

North, bet. secs. 7 and 12.

Asc. 36 ft. over rolling SE. slope, through scattering timber and  
sage.

7.60 A low ridge, bears NE. and SE; desc. 52 ft. over a N. slope.

22.60 Wash, 10 lks. wide, drains ENE; asc. 23 ft. over rolling E. slope.

28.70 Road, bears NW. and SE.

32.85 Wash, 14 lks. wide, drains NE.

37.50 Wash, 15 lks. wide, drains NE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to  
solid rock and in mound of stone to top, with brass cap mkd.

## West Boundary of T. 37 N., R. 30 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ S12 \quad | \quad S 7 \\ | \\ 1951 \end{array}$$

from which

A pinon, 10 ins. diam., bears S.  $78^{\circ}$  E., 36 lks. dist.,  
mkd.  $\frac{1}{4}$  S7 BT.

A pinon, 10 ins. diam., bears N.  $72\frac{1}{4}^{\circ}$  W., 23 lks. dist.,  
mkd.  $\frac{1}{4}$  S12 BT.

Gradually desc. 47 ft. over rolling NE. slope.

53.30 Wash, 13 lks.wide, drains E.

76.70 Road, bears E. and W.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

$$\begin{array}{c} T37N \\ R29E \quad | \quad S30E \\ S 1 \quad | \quad S 6 \\ \hline S12 \quad | \quad S 7 \\ 1951 \end{array}$$
raise a mound of stone, 3 ft. base.  $2\frac{1}{2}$  ft. high, W. of corner.

Land, rolling.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

North, bet. secs. 1 and 6.

Over rolling land, through sage and very scattering timber.

11.40 Wash, 60 lks. wide, drains E.

15.60 A low spur, slopes E.

20.60 Wash, 15 lks. wide, drains E.

29.50 A low spur, slopes E; desc. 34 ft. over a rolling NE. slope.

39.60 Wash, 68 lks.wide, drains E.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, falls in wash;  
impracticable to set monument.41.90 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for witness  $\frac{1}{4}$  sec. cor. monument, with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ S1 \quad | \quad S6 \\ | \\ \downarrow \\ WC \\ | \\ 1951 \end{array}$$
raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of corner.

45.00 Road, bears NW. and SE. Gradually asc. 45 ft. over rolling SE. slope.

67.70 A short spur, slopes E; desc. 45 ft. over NE. slope.

## West Boundary of T. 37 N., R. 30 E.

Chains

72.90 Wash, 1 ch. wide, drains ESE; continue over rolling land.

80.00 Point for the cor. of Ts. 37 and 38 N., Rs. 29 and 30 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T38N	
R29E	R30E
S36	S31
S 1	S 6
T37N	
1951	

from which

An iron post, 3 ft. long, 1 in. diam., set 27 ins. in the ground for a reference monument, bears N.  $45^\circ$  E., 240 lks. dist., with brass cap mkd. T38N R30E S31 RM 1951 and an arrow pointing to the corner.

An iron post, 3 ft. long, 1 in. diam., set 27 ins. in the ground for a reference monument, bears N.  $45^\circ$  W., 400 lks. dist., with brass cap mkd. T38N R29E S36 RM 1951 and an arrow pointing to the corner.

The geographic position of the above corner, as computed from U. S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^\circ 39' 00''$  N., and Longitude  $109^\circ 10' 30''$  W.

Land, rolling.

Soil, sandy clay.

Timber, scattered juniper and pinon; undergrowth, sage.

## North Boundary of T. 37 N., R. 30 E.

From the cor. of Ts. 37 and 38 N., Rs. 30 and 31 E.

West, bet. secs. 1 and 36.

Gradually descend 100 ft. over rolling NW. slope, through sage.

17.06 Right bank of Red Rock Wash, which drains NE.

36.02 Left bank of same: thence over rolling land.

39.50 Road, bears NE. and SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	S36
S 1	

1951

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

Asc. 70 ft. over rolling E. slope.

53.35 Top of ascent; desc. 17 ft. over a W. slope.

53.66 Wash, 10 lks. wide, drains S; asc. 80 ft. over rolling SE. slope.

80.00 Point for the cor. of secs. 1, 2, 35, and 36.

## North Boundary of T. 37 N., R. 30 E.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T38NR30E  
 S35 | S36  
 S 2 | S 1  
 T37N  
 1951

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

Land, rolling.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

West, bet. secs. 2 and 35.

Over rolling land, through sage.

- 7.20 Top of a bluff, bears NE. and SW; desc. 70 ft. over W. slope.  
 8.90 Wash, 40 lks. wide, drains NE; asc. 160 ft. over a SE. slope.  
 18.55 A sandstone spur, slopes SE; desc. 75 ft. over a W. slope.  
 20.25 Wash, 15 lks. wide, drains SE; asc. 117 ft. over a SE. slope.  
 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 35.

Set a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, cemented in a drill hole in solid, surface, rock ledge, mkd.

$\frac{1}{4}$  S35  
 S 2  
 1951

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

Asc. 128 ft. over SE. slope.

- 65.10 Spur, slopes NE; desc. 12 ft. over a NW. slope.  
 72.60 Center of a draw, with no definite water course, drains NE.  
 80.00 Point for the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T38NR30E  
 S34 | S35  
 S 3 | S 2  
 T37N  
 1951

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

Land, rolling and broken.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

BLOCK 4801

## North Boundary of T. 37 N., R. 30 E.

## Chains

West, bet. secs. 3 and 34.

Over rolling and broken land, through sage; asc. 29 ft. over a SE. slope.

9.00 A sandy spur, slopes NE; desc. 88 ft. over a NW. slope.

25.70 Desc. 118 ft. over steep NW. slope into small canyon.

31.75 Wash, 15 lks. wide, drains NW; asc. 66 ft. over NE. slope.

39.60 Sandstone spur, slopes NW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

$$\frac{1}{4} \frac{S34}{S3}$$

1951

Desc. 100 ft. over a SW. slope.

47.55 Wash, 50 lks. wide, drains N. in ravine; asc. 70 ft. over NE. slope.

50.75 A short spur, slopes NE; desc. 68 ft. over a NW. slope.

54.10 Wash, 15 lks. wide, drains N. in a ravine; asc. 160 ft. over an E. slope.

64.70 A sandstone spur, slopes N; desc. 100 ft. over a W. slope.

72.15 Wash, 10 lks. wide, drains N; asc. 30 ft. over E. slope.

77.00 Small spur, slopes N; desc. 20 ft. over a W. slope.

80.00 Point for the cor. of secs. 3, 4, 33, and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.
$$\begin{array}{c} T38NR30E \\ S33 | S34 \end{array}$$

$$\begin{array}{c} S4 | S3 \end{array}$$

T37N

1951

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

Land, broken and hilly.

Soil, sandy clay and rocky.

Timber, scattered pinon and juniper; undergrowth, sage.

West, bet. secs. 4 and 33.

Over rolling land, through sage.

13.50 Road, bears NE. and SW.

14.40 Wash, 15 lks. wide, drains N.

17.00 Road, bears N. and S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33.

## North Boundary of T. 37 N., R. 30 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$$\frac{1}{4} \frac{S33}{S4}$$

1951

from which

A juniper, 10 ins. diam., bears S.  $51\frac{1}{2}^{\circ}$  E., 169 lks. dist., mkd.  $\frac{1}{4}$  S 4 BT.

A pinon, 10 ins. diam., bears N.  $72\frac{3}{4}^{\circ}$  W., 273 lks. dist., mkd.  $\frac{1}{4}$  S33 BT.

- 45.00 Asc. 90 ft. over a rolling NE. slope.
- 59.80 A low spur, slopes N., about 10 chs. N. of a high, black, rocky butte; desc. 60 ft. over a rolling NW. slope.
- 73.00 Foot of descent; thence over rolling land.
- 80.00 Point for the cor. of secs. 4, 5, 32, and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} T38NR30E \\ S32 | S33 \\ \hline S5 | S4 \end{array}$$

T37N

1951

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

Land, rolling and broken.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

West, bet. secs. 5 and 32.

Over rolling land, through sage and scattered timber.

Asc. 170 ft. over rolling NE. slope.

- 22.75 A spur, slopes SW; desc. 60 ft. over a NW. slope.
- 30.90 Wash, 15 lks. wide, drains SW; thence over gently rolling land.
- 38.40 Wash, 12 lks. wide, drains S.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$$\frac{1}{4} \frac{S32}{S5}$$

1951

from which

A pinon, 14 ins. diam., bears N.  $20^{\circ}$  W., 235 lks. dist., mkd.  $\frac{1}{4}$  S32 BT.

A pinon, 12 ins. diam., bears S.  $60\frac{1}{2}^{\circ}$  E., 195 lks. dist., mkd.  $\frac{1}{4}$  S5 BT.

SECTION 4701

## North Boundary of T. 37 N., R. 30 E.

Chains	
	Asc. 50 ft. over gradual SE. slope.
49.50	A spur, slopes S; desc. 73 ft. over rolling SW. slope.
52.40	Wash, 12 lks. wide, drains S.
65.50	Wash, 50 lks. wide, drains S; thence over gently rolling land.
73.30	A low spur, slopes S.
80.00	Point for the cor. of secs. 5, 6, 31, and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a X marked on surface ledge, and in a mound of stone to top, with brass cap mkd.
	T38NR30E S31   S32 --- --- S 6   S 5 T37N 1951
	from which
	A pinon, 12 ins. diam., bears N. $61\frac{1}{4}^\circ$ E., 51 lks. dist., mkd. T38NR30E S32 BT.
	A juniper, 12 ins. diam., bears S. $29\frac{3}{4}^\circ$ E., 241 lks. dist., mkd. T37N R30E S 5 BT.
	A juniper, 10 ins. diam., bears S. $74\frac{1}{4}^\circ$ W., 189 lks. dist., mkd. T37N R30E S6 BT.
	A pinon, 8 ins. diam., bears N. $2^\circ$ W., 45 lks. dist., mkd. T38N R30E S31 BT.
	Land, rolling and broken. Soil, sandy clay. Timber, juniper and pinon; undergrowth, sage.
	West, bet. secs. 6 and 31.
	Asc. 150 ft. over rolling and broken SE slope, through sage and scattering timber.
4.60	Wash, 20 lks. wide, drains SE.
25.10	Saddle in a sandstone spur which slopes S; desc. 165 ft. over a rolling and broken SW. slope.
32.85	Road, bears N. and S.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.
	$\frac{1}{4}$ $\frac{S31}{S 6}$
	from which
	A pinon, 10 ins. diam., bears N. $11\frac{1}{2}^\circ$ W., 102 lks. dist., mkd. $\frac{1}{4}$ S31 BT.
	A pinon, 12 ins. diam., bears S. $59\frac{3}{4}^\circ$ E., 73 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	Desc. 40 ft. over SW. slope.

## North Boundary of T. 37 N., R. 30 E.

Chains	
42.90	Wash, 20 lks. wide, drains SE; asc. 72 ft. over a NE. slope.
45.10	A short spur, slopes SE; gradually desc. 150 ft. over a rolling SW. slope, to the township corner.
57.85	A low spur, slopes S.
74.00	Wash, 50 lks. wide, drains SE.
79.53	The cor. of Ts. 37 and 38 N., Rs. 29 and 30 E.

Land, rolling and broken.  
Soil, sandy clay and rocky.  
Timber, pinon and juniper: undergrowth, sage.

## West Boundary of T. 38 N., R. 31 E.

From the cor. of Ts. 37 and 38 N., Rs. 30 and 31 E.

North, bet. secs. 31 and 36.

Gradually desc. 125 ft. over rolling NW. slope, through sage.

1.40	Road, bears E. and W.
26.10	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for a Witness Point monument, with brass cap mkd.

WP  
↑  
S36 | S31  
1951

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

26.30	Right bank of Red Rock Wash, bears NE. and SW., thence over sandy bottom of wash.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, in wash.
51.40	Left bank of same wash, bears NE. and SW; asc. 70 ft. over a SE. slope.

52.40	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for a Witness Point monument, with brass cap mkd.
-------	---

WP  
↑  
S36 | S31  
1951

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

58.00	Top of ascent; thence over gently rolling land.
62.00	Road, bears NE. and SW.
73.35	Road, bears E. and W.
80.00	Point for the cor. of secs. 25, 30, 31, and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T38N  
R30E | R31E  
S25 | S30  
S36 | S31  
1951

## BOOK 4401

## West Boundary of T. 38 N., R. 31 E.

## Chains

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

Land, rolling.

Soil, sandy clay and sand.

No timber; undergrowth, low weeds.

---

North, bet. secs. 25 and 30.

Over gently rolling, open land.

17.20 Road, bears NE. and SW.

29.00 Desc. 64 ft. over a N. slope.

31.20 Top of a sandstone bluff, bears E. and W.

38.40 Wash, 40 lks. wide, drains E; continue over rolling land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S25} \quad | \quad \text{S30} \\ | \\ 1951 \end{array}$$

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

Gradually asc. 62 ft. over a rolling SW. slope.

57.70 Change to a gently rolling SE. slope.

75.75 Road, bears NE. and SW; a wash, 10 lks. wide, drains SE.

80.00 Point for the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T38N} \\ \text{R30E} \quad | \quad \text{R31E} \\ \text{S24} \quad | \quad \text{S19} \\ \hline \text{S25} \quad | \quad \text{S30} \\ | \\ 1951 \end{array}$$

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

Land, rolling.

Soil, sandy clay.

No timber; undergrowth, low weeds.

---

North, bet. secs. 19 and 24.

Over gently rolling, open land.

12.00 Enter scattering timber.

13.70 Wash, 15 lks. wide, drains ESE; asc. 60 ft. over a rolling SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

## West Boundary of T. 38 N., R. 31 E.

Chains

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

S24	S19
-----	-----

1954

from which

A juniper, 12 ins. diam., bears N.  $55\frac{1}{2}^{\circ}$  E., 41 lks. dist.,  
mkd.  $\frac{1}{4}$  S19 BT.

A juniper, 6 ins. diam., bears S.  $42\frac{1}{2}^{\circ}$  W., 132 lks. dist.,  
mkd. BT.

Asc. 120 ft. over rolling SE. slope.

55.15 Road, bears NW. and SE.

68.95 Road, bears NE. and SW.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

T38N

R30E	R31E
S13	S18
S24	S19

1951

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

Land, rolling and hilly.

Soil, sandy clay.

Timber; scattered juniper and pinon; undergrowth, sage.

---

North, bet. secs. 13 and 18.

Over rolling land, through scattered timber and sage.

5.00 A low ridge, bears NE. and SW; desc. 120 ft. over a NW. slope.

11.10 Top of a sandstone bluff; continue descent.

24.50 Wash, 40 lks. wide, drains E; thence over gently rolling land.

32.50 Wash, 150 lks. wide, drains E.

38.15 Road, bears E. and W.

38.26 Enter cultivated land, bears E. and W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

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

S13	S18
-----	-----

1951

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

This corner is 8 lks. W. of E. edge of field.

40.75 Leave cultivated land, bears NW. and SE.

BOOK 4401

## West Boundary of T. 38 N., R. 31 E.

Chains  
 47.00 Wash, 10 lks. wide, drains SE; asc. 65 ft. over a rolling SE. slope.  
 65.00 Asc. 102 ft. over steep S. slope.  
 69.75 Top of ascent, on W. slope of a sandstone hill; desc. 75 ft. over a NW. slope.  
 74.60 Foot of descent; thence over gently rolling land.  
 80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 3 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

T38N	
R30E	R31E
S12	S 7
S13	S18

1951

from which

A juniper, 18 ins. diam., bears N.  $74^{\circ}$  E., 273 lks. dist., mkd. T38N R31E S7 BT.

A juniper, 8 ins. diam., bears S.  $59\frac{3}{4}^{\circ}$  E., 177 lks. dist., mkd. T38N R31E S18 BT.

A juniper, 10 ins. diam., bears S.  $2\frac{1}{2}^{\circ}$  W., 159 lks. dist., mkd. T38N R30E S13 BT.

A juniper, 6 ins. diam., bears N.  $38^{\circ}$  W., 85 lks. dist., mkd. T38N R30E S12 BT.

Land, rolling and hilly.

Soil, sandy clay and rocky.

Timber, scattered pinon and juniper; undergrowth, sage.

North, bet. secs. 7 and 12.

Over gently rolling land, through scattered timber and undergrowth.

9.00 Road, bears NW. and SE.  
 13.50 Road, bears NW. and SE.  
 20.00 A draw, drains E; there is no definite water-course.  
 23.30 Road, bears NNE. and SSW.  
 34.40 Road, bears E. and W.  
 40.00 Point for the  $\frac{1}{4}$  sec. cor of secs. 7 and 12.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	
S12	S 7
1951	

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

41.30 Road, bears E. and W.  
 44.60 Road, bears E. and W.  
 46.00 Road, bears E. and W.

## West Boundary of T. 38 N., R. 31 E.

Chains											
47.70	Ascend 80 ft. over a S. slope.										
51.00	Top of a sandstone hill; desc. 96 ft. over a NW. slope.										
61.80	Road, bears NE. and SW.										
64.75	Wash, 25 lks. wide, drains ENE; thence over gently rolling land.										
71.90	Wash, 20 lks. wide, drains ESE.										
77.60	Road, bears NE. and SW.										
80.00	Point for the cor. of secs. 1, 6, 7, and 12.										
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T38N</td></tr> <tr><td style="text-align: center;">R30E</td><td style="text-align: center;">R31E</td></tr> <tr><td style="text-align: center;">S 1</td><td style="text-align: center;">S 6</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td style="text-align: center;">S12</td><td style="text-align: center;">S 7</td></tr> </table>	T38N		R30E	R31E	S 1	S 6	-----		S12	S 7
T38N											
R30E	R31E										
S 1	S 6										
-----											
S12	S 7										
	1951										
	from which										
	A juniper, 14 ins. diam., bears N. $22\frac{1}{4}^{\circ}$ E., 149 lks. dist., mkd. T38N R31E S6 BT.										
	A juniper, 6 ins. diam., bears N. $39\frac{3}{4}^{\circ}$ W., 290 lks. dist., mkd. T38N R30E S1 BT.										
	Land, gently rolling to hilly. Soil, sandy clay and rocky. Timber, scattered pinon and juniper; undergrowth, sage.										
	North, bet. secs. 1 and 6.										
	Over rolling and broken land, through scattered timber and undergrowth.										
0.50	Road, bears NE. and SW.										
1.70	Wash, 10 lks. wide, drains SE.										
5.00	Wash, 15 lks. wide, drains SE; asc. 50 ft. over a S. slope.										
15.50	A low spur, slopes E; desc. 27 ft. over a rolling NE. slope.										
18.70	Road, bears E. and W.										
26.30	Wash, 15 lks. wide, drains E; gradually asc. 45 ft. over rolling S. slope.										
34.40	Road, bears NW. and SE.										
38.20	Road, bears NW. and SE.										
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.										
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;"><math>\frac{1}{4}</math></td></tr> <tr><td style="text-align: center;">S1</td><td style="text-align: center;">S6</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td colspan="2" style="text-align: center;">1951</td></tr> </table>	$\frac{1}{4}$		S1	S6	-----		1951			
$\frac{1}{4}$											
S1	S6										
-----											
1951											
	from which										

## West Boundary of T. 38 N., R. 31 E.

## Chains

A juniper, 10 ins. diam., bears N.  $44\frac{1}{4}^{\circ}$  E., 27 lks. dist.,  
mkd.  $\frac{1}{4}$  S6 BT.

A juniper, 8 ins. diam., bears S.  $55\frac{3}{4}^{\circ}$  W., 51 lks. dist.,  
mkd.  $\frac{1}{4}$  S1 BT.

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

Thence over gently rolling land.

42.00 A low spur, slopes SE.

48.70 Wash, 50 lks. wide, drains SE; gradually asc. 80 ft. over a rolling  
SE. slope.

53.45 A ditch, 30 lks. wide, drains E.

67.80 Wash, 15 lks. wide, drains SE.

80.00 Point for the cor. of Ts. 38 and 39 N., Rs. 30 and 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.

T39N	
R30E	R31E
S36	S31
-----	
S1	S6
T38N	
1951	

from which

A juniper, 8 ins. diam., bears N.  $64\frac{1}{4}^{\circ}$  E., 138 lks. dist.,  
mkd. T39N R31E S31 BT.

A juniper, 10 ins. diam., bears S.  $71^{\circ}$  E., 97 lks. dist.,  
mkd. T38N R31E S6 BT.

A juniper, 24 ins. diam., bears S.  $61\frac{1}{2}^{\circ}$  W., 36 lks. dist.,  
mkd. T38N R30E S1 BT.

A juniper, 16 ins. diam., bears N.  $47\frac{3}{4}^{\circ}$  W., 189 lks. dist.,  
mkd. T39N R30E S36 BT.

Land, rolling and hilly.

Soil, sandy clay.

Timber, juniper and pinon; undergrowth, sage.

---

North Boundary of T. 38 N., R. 31 E.

From the cor. of Ts. 38 and 39 N., Rs. 30 and 31 E.

East, bet. secs. 6 and 31.

Asc. 25 ft. over a SW. slope, through pinon, juniper, and sage.

4.90 A low ridge, bears NW. and SE; continue over rolling land.

9.70 Wash, 50 lks. wide, drains SE.

16.95 Road, bears NNW. and S.

25.30 Wash, 1 ch. wide, drains SE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,

## North Boundary of T. 38 N., R. 31 E.

Chains

with brass cap mkd.

$$\frac{1}{4} \frac{S31}{S6}$$

1951

from which

A juniper, 18 ins. diam., bears N.  $52\frac{1}{4}^{\circ}$  W., 410 lks. dist.,  
mkd.  $\frac{1}{4}$  S31 BT.

A juniper, 20 ins. diam., bears S.  $43\frac{1}{4}^{\circ}$  W., 145 lks. dist.,  
mkd.  $\frac{1}{4}$  S6 BT.

41.40 Road, bears NE. and SW.

43.60 Road, bears N. and S.

53.70 A low spur, slopes SE.

65.20 Road, bears NW. and SE.

80.00 Point for the cor. of secs. 5, 6, 31, and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a X marked on  
solid surface rock and in a mound of stone to top, with brass cap mkd.

T39NR31E

S31	S32
-----	-----

S6	S5
----	----

T38N

1951

from which

A pinon, 8 ins. diam., bears N.  $15\frac{1}{2}^{\circ}$  E., 50 lks. dist.,  
mkd. T39N R31E S32 BT.

A pinon, 10 ins. diam., bears S.  $41\frac{1}{2}^{\circ}$  W., 46 lks. dist.,  
mkd. T38N R31E S6 BT.

Land, rolling.

Soil, sandy clay.

Timber, pinon and juniper; undergrowth, sage.

East, bet. secs. 5 and 32.

Desc. 200 ft. over a broken NE. slope, through sage and scattered  
timber.

19.59 Intersect the Arizona - New Mexico boundary.

Point for the closing cor. of secs. 5 and 32, Ts. 38 and 39 N.,  
R. 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross marked  
on solid surface rock and in a mound of stone to top, with brass  
cap mkd.

CC	T39N	NM
	R31E	
	S32	
	S5	
	T38N	

1951

From this point, the 18 Mile Cor. on the State boundary bears  
N.  $0^{\circ} 04'$  E., 18.02 chs. dist. and is monumented by an iron post.

BOOK 4401

## North Boundary of T. 38 N., R. 31 E.

Chains

From the same point, the  $18\frac{1}{2}$  Mile Cor. bears S.  $0^{\circ} 04'$  W., 21.58 chs. dist. and is monumented by an iron post.

Land, hilly.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

## West Boundary of T. 39 N., R. 31 E.

From the cor. of Ts. 38 and 39 N., Rs. 30 and 31 E., for which the geographic position as computed from U. S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^{\circ} 44' 13''$  N., and Longitude  $109^{\circ} 04' 02''$  W.

North, bet. secs. 31 and 36.

Asc. 45 ft. over rolling SW. slope, through scattered timber and sage.

7.50 A low spur, slopes SE; desc. 25 ft. over a NE. slope.

9.85 Wash, 30 lks. wide, drains SE; asc. 75 ft. over gradual S. slope.

32.40 Top of ascent; thence over gently rolling land.

32.90 S. gable of a house bears S.  $89^{\circ} 30'$  E., about 15 chs. dist.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S36 \quad | \quad S31 \\ | \\ 1951 \end{array}$$

from which

A juniper, 20 ins. diam., bears N.  $74^{\circ}$  E., 40 lks. dist., mkd.  $\frac{1}{4}$  S31 BT.

A juniper, 16 ins. diam., bears S.  $70\frac{1}{4}^{\circ}$  W., 33 lks. dist., mkd.  $\frac{1}{4}$  S36 BT.

40.40 Wash, 10 lks. wide, drains SE.

45.00 Road, bears NW. and SE.

49.55 Wash, 60 lks. wide, drains SE; asc. 75 ft. to the sec. cor. over a gradual SW. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} T39N \\ R30E \quad | \quad R31E \\ S25 \quad | \quad S30 \\ \hline S36 \quad | \quad S31 \\ | \\ 1951 \end{array}$$

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

Land, rolling.

Soil, sandy clay.

Timber, scattered pinon and juniper; undergrowth, sage.

## West Boundary of T. 39 N., R. 31 E.

Chains

North, bet. secs. 25 and 30.

Over rolling land, through sage.

0.10 Road, bears NW. and SE.

1.40 Road, bears NW. and SE.

24.80 Road, bears NE. and SW.

32.13 A house bears S.  $53^{\circ} 33'$  W., about 42 chs. dist.  
A house bears S.  $59^{\circ} 50'$  W., about 44 chs. dist.

34.50 Road, bears NW. and SE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground,  
with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S25} \mid \text{S30} \\ 1951 \end{array}$$

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

48.40 The two houses recorded above bear S.  $39^{\circ} 25'$  W., and S.  $44^{\circ} 30'$  W.

68.70 Enter timber.

71.80 A wash, 20 lks. wide, drains SE.

80.00 Point for the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground,  
with brass cap mkd.
$$\begin{array}{c} \text{T39N} \\ \text{R30E} \mid \text{R31E} \\ \text{S24} \mid \text{S19} \\ \hline \text{S25} \mid \text{S30} \end{array}$$

1951

from which

A juniper, 12 ins. diam., bears N.  $9\frac{3}{4}^{\circ}$  E., 60 lks. dist.,  
mkd. T39N R31E S19 BT.A juniper, 4 ins. diam., bears S.  $9\frac{3}{4}^{\circ}$  E., 193 lks. dist.,  
mkd. BT.A juniper, 10 ins. diam., bears S.  $80\frac{1}{2}^{\circ}$  W., 56 lks. dist.,  
mkd. T39N R30E S25 BT.A juniper, 8 ins. diam., bears N.  $24\frac{1}{2}^{\circ}$  W., 16 lks. dist.,  
mkd. T39N R30E S24 BT.

Land, rolling.

Soil, sandy clay.

Timber, pinon and juniper; undergrowth, sage.

North, bet. secs. 19 and 24.

Over rolling land, through sage and scattered timber.

Asc. 85 ft. over a gradual S. slope.

17.10 Wash, 15 lks. wide, drains SE.

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## West Boundary of T. 39 N., R. 31 E.

## Chains

24.70 Wash, 10 lks. wide, drains SE.

35.50 Top of ascent; desc. gentle NE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S24 \quad | \quad S19 \\ | \\ 1951 \end{array}$$

from which

A juniper, 8 ins. diam., bears S.  $38 \frac{3}{4}^{\circ}$  E., 44 lks. dist., mkd.  $\frac{1}{4}$  S19 BT.A pinon, 7 ins. diam., bears N.  $61 \frac{3}{4}^{\circ}$  W., 52 lks. dist., mkd.  $\frac{1}{4}$  S24 BT.

Desc. 45 ft. over rolling NE. slope.

49.60 Wash, 35 lks. wide, drains SE; asc. 90 ft. over a SW. slope.

56.35 Spur, slopes SE; thence over rolling SE. slope.

59.40 Wash, 30 lks. wide, drains SE.

66.00 Spur, slopes SE; desc. 190 ft. over a broken NE. slope.

78.30 Wash, 50 lks. wide, drains SE; asc. 85 ft. over a SW. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a X marked on solid surface rock and in a mound of stone to top, with brass cap mkd.
$$\begin{array}{c} T39N \\ R30E \quad | \quad R31E \\ S13 \quad | \quad S18 \\ \hline S24 \quad | \quad S19 \\ 1951 \end{array}$$

Land, rolling, broken, and hilly.

Soil, sandy clay and rocky.

Timber, scattered pinon and juniper; undergrowth, sage.

North, bet. secs. 13 and 18.

Asc. 170 ft. over a SW. slope, through sage and scattered timber.

7.15 Spur, slopes SE; desc. 105 ft. over a NE. slope.

14.75 Wash, 40 lks. wide, drains SE; asc.: 280 ft. over a broken SW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S13 \quad | \quad S18 \\ | \\ 1951 \end{array}$$
raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of corner.

## West Boundary of T. 39 N., R. 31 E.

Chains

Asc. 34 ft. over SW. slope.

46.00 Top of a long spur, slopes SE; desc. 330 ft. over a steep, broken NE. slope.

61.66 Set a flag, on top of a bluff which bears NE. and SW., from which a flag at point B, on N. side of canyon, bears North (12.70 chs. dist. by computation of triangulation; and flag at point C bears N. 16° 54' E.

63.45 Foot of descent and bottom of canyon which drains E.

74.36 Triangulation point B and W. end of base, from which triangulation point C at E. end of base bears East, 3.86 chs. dist; thence over top of a spur which slopes SE.

76.40 Desc. 48 ft. over a NE. slope.

79.25 Head of a canyon which drains SE.

80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

T39N	
R30E	R31E
S12	S 7
S13	S18
1951	

Land, hilly and broken.  
Soil, sandy clay and rocky.  
Timber, juniper and pinon; undergrowth, sage.

North, bet. secs. 7 and 12.

Over hilly land, through sage and scattered timber.

Asc. 190 ft. over a broken S. slope.

9.50 Spur, slopes SE; desc. 18 ft. over a NE. slope.

10.40 Wash, 12 lks. wide, drains SE; asc. 125 ft. over broken SW. slope.

18.80 Road, bears E. and W.

21.15 Spur, slopes ESE; desc. 90 ft. over a NE. slope.

26.10 Wash, 50 lks. wide, drains SE; asc. 95 ft. over a SW. slope.

32.55 A spur, slopes ESE; desc. 25 ft. over a NE. slope.

34.45 Wash, 15 lks. wide, drains SE; asc. 13 ft. over a S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

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

$\frac{1}{4}$	
S12	S 7
1951	

from which

A juniper, 14 ins. diam., bears N. 83 $\frac{1}{2}$ ° E., 55 lks. dist.,  
mkd.  $\frac{1}{4}$  S7 BT.

## West Boundary of T. 39 N., R. 31 E.

## Chains

A pinon, 8 ins. diam., bears N.  $45\frac{1}{4}^{\circ}$  W., 45 lks. dist.,  
mkd.  $\frac{1}{4}$  S12 BT.

This corner is on a spur which slopes E; desc. 395 ft. over a broken  
N. slope.

59.40 Wash, 30 lks. wide, in bottom of canyon, drains E; asc. 60 ft. over  
a broken S. slope.

63.10 Wash, 20 lks. wide, drains SE.

72.60 A spur, slopes E; desc. 18 ft. over a N. slope.

73.00 Wash, 35 lks. wide, drains E; asc. 50 ft. over a SE. slope.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground,  
and in mound of stone to top, and on solid rock, with brass cap mkd.

T39N	
R30E	R31E
S1	S6
S12	S7

1951

from which

A pinon, 10 ins. diam., bears N.  $39\frac{1}{2}^{\circ}$  E., 77 lks. dist.,  
mkd. T39N R31E S6 BT.

A pinon, 14 ins. diam., bears S.  $2\frac{1}{4}^{\circ}$  E., 99 lks. dist.,  
mkd. T39N R31E S7 BT.

A pinon, 10 ins. diam., bears S.  $74\frac{1}{2}^{\circ}$  W., 58 lks. dist.,  
mkd. T39N R30E S12 BT.

A pinon, 9 ins. diam., bears N.  $19^{\circ}$  W., 65 lks. dist.,  
mkd. T39N R30E S1 BT.

Land, hilly.

Soil, sandy clay and rocky.

Timber, pinon and juniper; undergrowth, sage.

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North, bet. secs. 1 and 6.

Over rolling land, through pinon, juniper, and sage.

9.95 Wash, 15 lks. wide, drains NE.

15.45 Top of a sandstone knob on a spur which slopes ENE; desc. 110 ft.  
over a N. slope.

19.95 Wash, 40 lks. wide, drains E; asc. 130 ft. over a SE. slope.

24.50 Spur, slopes ENE; desc. 66 ft. over a NE. slope.

32.30 Wash, 10 lks. wide, drains NE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$	
S1	S6

1951

from which

## West Boundary of T. 39 N., R. 31 E.

## Chains

A pinon, 8 ins. diam., bears N.  $66\frac{1}{2}^{\circ}$  E., 8 lks. dist.,  
mkd.  $\frac{1}{4}$  S6 BT.

A pinon, 10 ins. diam., bears S.  $46\frac{1}{4}^{\circ}$  W., 43 lks. dist.,  
mkd.  $\frac{1}{4}$  S1 BT.

Desc. 155 ft. over NE. slope.

59.30 Wash, 50 lks. wide, drains NE; gradually asc. 75 ft. over a broken SE. slope.

69.30 Wash, 15 lks. wide, drains E.

75.65 Wash, 40 lks. wide, drains E; thence over rolling land.

80.00 Point for the cor. of Ts. 39 and 40 N., Rs. 30 and 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

T40N	
R30E	R31E
S36	S31
S 1	S 6
T39N	
1951	

from which

A pinon, 12 ins. diam., bears N.  $12\frac{1}{2}^{\circ}$  E., 77 lks. dist.,  
mkd. T40N R31E S31 BT.

A juniper, 10 ins. diam., bears S.  $33^{\circ}$  E., 92 lks. dist.,  
mkd. T39N R31E S6 BT.

A juniper, 8 ins. diam., bears S.  $57\frac{1}{2}^{\circ}$  W., 54 lks. dist.,  
mkd. T39N R30E S1 BT.

A juniper, 9 ins. diam., bears N.  $80\frac{1}{2}^{\circ}$  W., 76 lks. dist.,  
mkd. T40N R30E S36 BT.

The geographic position of this corner as computed from U.S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^{\circ} 49' 27''$  N., and Longitude  $109^{\circ} 04' 02''$  W.

Land, hilly.

Soil, sandy clay and rocky.

Timber, pinon and juniper; undergrowth, sage.

## North Boundary of T. 39 N., R. 31 E.

From the cor. of Ts. 39 and 40 N., Rs. 30 and 31 E.

East, bet. secs. 6 and 31.

Over rolling land, through sage and very scattered timber.

Gradually desc. 237 ft. over a rolling E. slope.

26.20 Wash, 1 ch. wide, drains ENE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

## North Boundary of T. 39 N., R. 31 E.

Chains

$$\frac{1}{4} \frac{S31}{S6}$$

1951

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

Gradually desc. 180 ft. over a rolling E. slope to sec. cor.

46.50 Wash, 30 lks. wide, drains ESE.

55.70 Wash, 50 lks. wide, drains ENE.

65.00 Wash, 50 lks. wide, drains ESE.

80.00 Point for the cor. of secs. 5, 6, 31, and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground to solid rock and in a mound of stone to top, with brass cap mkd.

T40NR31E

S31	S32
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S6	S5
----	----

T39N

1951

Land, rolling and broken.

Soil, sandy clay and rocky.

Timber, scattered pinon and juniper; undergrowth, sage.

East, bet. secs. 5 and 32.

Desc. 60 ft. over a rolling E. slope, through sage and scattered timber.

0.60 Wash, 12 lks. wide, drains SE.

5.80 Road, bears NE. and SW.

19.83 Intersect the Arizona - New Mexico boundary.

Point for the closing corner of secs. 5 and 32, Ts. 39 and 40 N., R. 31 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 27 ins. in the ground, with brass cap mkd.

T40N		N M
R31E		
S32		
CC	S 5	
	T39N	

1951

From this point, the 12 Mile cor., which is monumented by an iron post, bears N.  $0^{\circ} 11' W.$ , 6.18 chs. dist.

From the same point, the  $12\frac{1}{2}$  Mile Cor., which is monumented by an iron post, bears S.  $0^{\circ} 11' E.$ , 33.38 chs. dist.

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

The geographic position of the closing cor., as computed from U. S. Coast and Geodetic Survey triangulation station "Four Corners" is:

Latitude  $36^{\circ} 49' 27'' N.$ , and Longitude  $109^{\circ} 02' 41'' W.$

North Boundary of T. 39 N., R. 31 E.

Chains

Land, rolling.  
Soil, sandy clay.  
Timber, scattered pinon and juniper; undergrowth, sage.



CERTIFICATE OF CADASTRAL ENGINEER

I, Ty White, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th 18th day of April, 1951, I have surveyed the Ninth Standard Parallel North along the south boundaries of Townships 37 North through Ranges 30, 31, and a portion of Range 29 East; the West and North boundaries of Townships 37 North, Ranges 30 and 31 East, and Townships 38 and 39 North, Range 31 East,

Gila and of the Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Albuquerque, New Mexico
April 25, 1952

Ty White
Cadastral Engineer.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
MAY 11 1953
Washington, D. C., 19

The foregoing field notes of the survey of the Ninth Standard Parallel North along the south boundaries of Townships 37 North through Ranges 30 and 31, and a portion of Range 29 East; the West and North boundaries of Townships 37 North, Ranges 30 and 31 East, and Townships 38 and 39 North, Range 31 East, of the Gila and Salt River Meridian, Arizona executed by Ty White

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

Assistant Chief, Division of Cadastral Engineering.

CERTIFICATE OF TRANSCRIPT

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

Chief, Division of Cadastral Engineering.