

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

BOOK 4424

Of the Survey of the

Tenth Standard Parallel North

Along the South Boundary of

Township 41 North, Range 30 East.

West and North Boundaries of

Township 41 North, Range 30 East.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

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Under special instructions dated August 6, 1953, which provided  
for the surveys included under Group No. 289, approved August 14, 1953.  
and assignment instructions dated August 28, 1953.

Survey commenced September 16, 1953.

Survey completed November 3, 1953.

4424  
4424



BOOK 4424

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## 10th Stan. Par. N., S. Bdy., T. 41 N., R. 30 E.

## Chains

The description of the instrumental equipment used, and of methods employed in surveying the township boundaries is given in the field notes of the survey of T. 41 N., R. 31 E.

Beginning at the standard cor. of Ts. 41 N., Rs. 30 and 31 E., which is monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, and marked as described in the field notes of the survey of the 10th Standard Parallel North., S. Bdy., T. 41 N., R. 31 E.

The geographic position for this point as calculated from connections to the Geological Survey triangulation station "TWIN" and "FOUTZ" is:

Latitude  $36^{\circ} 54' 31.54''$  N., and Longitude  $109^{\circ} 03' 55.97''$  W.

From this point, the Geological Survey triangulation station "TWIN" bears N.  $37^{\circ} 40' 41''$  W., (Back Bearing: S.  $37^{\circ} 41' 37''$  E.), 187.938 chs. dist., and is monumented with a brass tablet,  $3\frac{1}{4}$  ins. diam., firmly set in concrete, marked and witnessed as described in the official record.

West, with the establishment of the Tenth Standard Parallel North, along the S. bdy. of sec. 36, T. 41 N., R. 30E.

Asc. 12 ft. over nearly level land sloping NE.

7.10 Road, bears NW. and SE.

10.90 Graded road; and emergency landing field, bears NE. and SW.

22.75 Telephone line, bears NW. and SE.

24.00 Graded road, from Shiprock to Mexican Water Trading Post, via Tees Nos Pas Trading Post, bears NW. and SE.

30.00 Road, bears N. and S.

34.00 Top of ascent; edge bears NNW. and SSE., desc. 91 ft. over W. slope.

39.37 Wash, 25 lks. wide, drains N. asc. 3 ft. over N. 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., 24 ins. in the ground, with brass cap mkd.

SC

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

1953

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

Continue ascent; asc. 71 ft. over NNE. slope.

54.93 Top of ascent, slopes N., desc. 136 ft. over rocky W. slope.

62.23 Wash, 8 lks. wide, drains NW.

78.27 An arroyo, drains NW.

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., 24 ins. in the ground, with brass cap mkd.

SC

T41N R30E  
S 35 | S 36

1953

from which

A juniper, 6 ins. diam., bears N.  $11^{\circ} 00'$  E., 81 lks. dist., mkd. S 36 BT.

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

Land, eastern part, nearly level; western part, broken.

Soil, sandy clay.

Timber, scattering juniper, western part; undergrowth, sagebrush.

10th Stan. Par. N., S. Bdy., T. 41 N., R. 30 E.

Chains	
	West, along the S. bdy. of sec. 35.
	Over nearly level land.
10.95	Road, bears NW. and SE.
14.00	Begin descent; edge bears NW. and SE., desc. 79 ft. over steep W. slope.
17.74	An arroyo, drains NW., asc. 21 ft. over broken land.
23.84	Top of ascent; edge bears NW. and SE.
28.44	Begin descent; edge bears NNW. and SSE., desc. 67 ft. over W. slope.
33.44	An arroyo, drains N., asc. 38 ft. over E. slope.
34.64	Road, bears NW. and SE.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	SC
	$\frac{1}{4}$ S 35
	1953
	from which
	A drilled hole, 1 in. diam., 6 ins. deep, 4.5 ft. above the base of a sandstone rim 25 ft. high, bears N. $42^{\circ} 38'$ W., 52 lks. dist. mkd. XBO.
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of corner.
	Continue ascent; asc. 46 ft. over steep rocky E. slope.
44.58	Road, bears N. and S., desc. 9 ft. over NW. slope.
50.12	Wash, 20 lks. wide, drains NE., asc. 110 ft. over steep SE. and E. slope.
55.65	Spur from ridge, slopes N., desc. 238 ft. over steep W. slope.
64.80	Base of steep slope, bears NW. and SE., desc. 42 ft. over gradual W. slope.
77.88	Right bank of arroyo, bears N. and S.
78.88	An arroyo, drains N.
79.08	Telephone line, bears NW. and SE.
79.90	Left bank of arroyo, bears N. and S., asc. 5 ft. over E. 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., 24 ins. in the ground, with brass cap mkd.
	SC
	T41N R30E
	S 34   S 35
	1953

## 10th Stan. Par. N., S. Bdy. T. 41 N., R. 30 E.

## Chains

from which

A cottonwood, 48 ins. diam., bears N. 30° 00' E., 353 lks. dist., mkd. T41N R30E S35 SC BT.

A cottonwood, 12 ins. diam., bears N. 76° 11' W., 149 lks. dist., mkd. T41N R30E S34 SC BT.

The SW corner of the Tees Nos Pas Trading Post, bears N. 13° 50' W., 483 lks. dist.

raise a mound of stone, 3½ ft. base, 1½ ft. high, N. of corner.

Land, eastern part, nearly level; western portion broken.

Soil, sandy clay.

Timber, very scattered juniper in central portion; scattered cottonwood on large arroyo; undergrowth, scattered sagebrush

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

Over rolling land.

2.00 Graded road, from Tees Nos Pas Trading Post to Navajo Indian Mission, bears N. and S.

2.70 Asc. 82 ft. over steep E. slope.

6.20 Top of steep ascent; edge bears N. and S., asc. 46 ft. over gradual E. and NE. slope.

8.21 Wash, 15 lks. wide, drains NE.

12.37 Road, bears N. and S.

21.04 Road, bears N. and S., begin descent; desc. 21 ft. over gradual NNW slope, through very scattered timber.

29.14 Road, bears NE. and SW.

29.44 Irrigation ditch, 12 lks. wide, course NE.

34.54 Wash, 35 lks. wide, drains NW.

40.00 Point for the standard ¼ sec. cor. of sec. 34.

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

SC  
¼ S 34

1953

from which

A juniper, 4 ins. diam., bears N. 32° 54' E., 85 lks. dist., mkd. BT.

A juniper, 3 ins. diam., bears N. 83° 03' W., 86 lks. dist., mkd. BT.

raise a mound of stone, 4½ ft. base, 2½ ft. high, N. of corner.

40.37 Road, bears N. and S., desc. 14 ft. over gradual NW. slope.

43.08 Bottom of descent; edge bears NE. and NW., thence across nearly level land.

47.59 Wash, 30 lks. wide, drains N.

10th Stan. Par. N., S. Bdy. T. 41 N., R. 30 E.

Chains	
55.00	Wash, 15 lks. wide, drains N.
58.30	Wash, 35 lks. wide, drains N.
69.59	Wash, 20 lks. wide, drains NE., asc. 80 ft. over E. slope through very scattered timber.
74.90	Top of ascent; desc. 92 ft. over NNW slope.
79.58	Wash, 30 lks. wide, drains NE., asc. 3 ft. over E. slope.
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., 24 ins. in the ground, with brass cap mkd.
	S C T41N R30E <u>S 33   S 34</u>
	1953
	from which
	A juniper, 5 ins. diam., bears N. $43^{\circ} 45'$ E., 50 lks. dist., mkd. S <sub>34</sub> SC BT.
	A juniper, 5 ins. diam., bears N. $56^{\circ} 47'$ W., 182 lks. dist., mkd. BT.
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of corner.
	Land, nearly level and rolling. Soil, sandy clay. Timber; scattered juniper; undergrowth, sagebrush.
	West, along S. bdy. of sec. 33.
	Over rolling land; asc. 146 ft. over steep, rocky, E. slope.
5.69	Top of steep ascent; edge bears NNE and SSW., asc. 6 ft. over nearly level land.
14.60	Top of ascent; edge bears N. and S., desc. 140 ft. over steep W. slope.
24.92	Wash, 10 lks. wide, drains NW., desc. 26 ft. over gradual NW. slope.
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., 24 ins. in the ground, with brass cap mkd.
	SC $\frac{1}{4}$ <u>S 33</u>
	1953
	raise a mound of stone, $4\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of corner.
	Desc. 10 ft. over gradual NW. slope.
44.60	Wash, 25 lks. wide, drains NW., desc. 25 ft. over gradual NNW slope.
58.91	Wash, 40 lks. wide, drains NW., asc. 21 ft. over gradual NNE slope.

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10th Stan. Par., N., S. Bdy., T. 41 N., R. 30 E.

## Chains

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., 24 ins. in the ground, with brass cap mkd.

S C

T41N R30E

S 32 S 33

1953

from which

A juniper, 3 ins. diam., bears N.  $6^{\circ} 30'$  E., 29 lks. dist., mkd. BT.

A juniper, 10 ins. diam., bears N.  $58^{\circ} 45'$  E., 141 lks. dist., mkd. BT.

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

Land, rolling

Soil, sandy clay.

Timber; juniper, very scattered; undergrowth, sagebrush.

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

Over gently rolling land; desc. 9 ft. over NNW. slope.

3.66 Wash, 10 lks. wide, drains NW., desc. 6 ft. over NNW. slope.

8.25 Wash, 25 lks. wide, drains NE, asc. 23 ft. over NNE. slope.

18.63 Road, bears NE. and SW.

22.94 Wash, 20 lks. wide, drains NE., asc. 72 ft. over NNE. slope.

38.00 Top of gradual ascent; desc. 2 ft. over nearly level N. 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., 24 ins. in the ground, with brass cap mkd.

S C

 $\frac{1}{4}$  S 32

1953

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

Continue over nearly level land.

41.32 Road, bears NE. and SW.

50.26 Wash, 15 lks. wide, drains NW.

58.72 Wash, 13 lks. wide, drains NE.

67.32 Road, bears NE. and SW.

70.80 Wash, 45 lks. wide, drains NE., asc. 23 ft. over gradual NNE. slope.

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

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10th Stan. Par. N., S. Bdy., T. 41 N., R. 30 E.

## Chains

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

S C  
T41N R30E  
S 31 S 32

1953

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

Land, gently rolling and nearly level.

Soil, sandy clay.

Timber; very scattered juniper in central part; undergrowth, sage-brush.

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

Over gently rolling land; asc. 12 ft. over NNE. slope.

2.09 Road, bears NNE. and SSW.

5.00 Top of ascent; desc. 37 ft. over NNW. slope.

12.18 Wash, 20 lks. wide, drains NNE.

20.26 Wash, 25 lks. wide, drains NE., asc. 43 ft. over SSE. slope.

37.20 Top of gradual ascent; desc. 7 ft. over SSW. slope.

39.60 Wash, 10 lks. wide, drains SE. 2 chs., thence E.

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., 14 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

SC  
 $\frac{1}{4}$  S 31

1953

raise a mound of stone, 5 ft. base, 3 ft. high, N. of corner.

Asc. 80 ft. over rocky NE. slope.

47.90 Top of ascent; desc. 10 ft. over NW. slope.

52.50 Wash, 15 lks. wide, drains NE.; asc. 131 ft. over steep E. slope.

59.35 Top of steep slope, edge bears NNE. and SSW., desc. 16 ft. over nearly level N. slope.

61.42 Road, bears N. and S.

75.90 Wash, 10 lks. wide, drains N.

80.00 Point for the standard cor. of Ts. 41 N., Rs. 29 and 30 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
T41N  
R29E R30E  
S 36 S 31

1953

raise a mound of stone,  $4\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of corner.



## 10th Stan. Par. N., S. Bdy., T. 41 N., R. 30 E.

## Chains

The geographic position for this point as calculated from connections to the Geological Survey triangulation station "NEW" is:

Latitude  $36^{\circ} 54' 31.54''$  N., and Longitude  $109^{\circ} 10' 26.03''$  W

From this point, the Geological Survey triangulation station "NEW" bears N.  $18^{\circ} 25' 10''$  W., (Back Bearing: S.  $18^{\circ} 26' 02''$  E.), 334.179 chs. dist., which is monumented with a brass tablet,  $3\frac{1}{4}$  ins. diam., firmly set in concrete.

The observed magnetic declination is  $14^{\circ} 30'$  E.

Land, eastern part, gently rolling; western part, nearly level.  
Soil, sandy clay and sandy.

Timber; scattering juniper; undergrowth, sagebrush.

West Boundary of T. 41 N., R. 30 E.

From the standard cor. of Ts. 41 N., Rs. 29 and 30 E.

North, bet. secs. 31 and 36.

Over nearly level land; desc. 49 ft. over gradual NNW. slope.

15.75 Wash, 15 lks. wide, drains NNE., asc. 3 ft. over SE. slope.

20.00 Top of ascent; slopes NE., desc. 27 ft. over gradual NNE. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

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

1953

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

Continue descent; desc. 78 ft. over gradual and gently rolling land.

47.03 Wash, 30 lks. wide, drains NE.

65.98 An arroyo, 45 lks. wide, 8 ft. deep, drains NE.

72.84 The west end of an earthen fill for a stockwater dam, bears East, 110 lks. dist.

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., 24 ins. in the ground, with brass cap mkd.

T41N  
 R29E R30E  
 S 25 | S 30  
 S 36 | S 31

1953

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

Land, southern part, nearly level; northern part, gently rolling.  
Soil, sandy clay.

No timber; undergrowth, sagebrush.

## West Boundary of T. 41 N., R. 39 E.

## Chains

North, bet. secs. 25 and 30.

Over gently rolling land; desc. 63 ft. over NNW. slope.

2.48 Graded road, bears ENE. to Tees Nos Pas Trading Post; and WSW. to Mexican Water Trading Post.

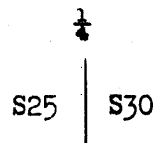
5.58 Old road, bears NE. and SW.

23.80 Enter well grassed draw; right edge bears NE. and SW., asc. 18 ft. over gradual SE. slope.

33.80 Leave well grassed draw; left edge bears NE. and SW.

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., 24 ins. in the ground, with brass cap mkd.



1953

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

44.23 An arroyo, 10 lks. wide, 3 ft. deep, drains NE., desc. 87 ft. over gently rolling land.

68.70 Right bank of Todastoni wash; edge bears NE. and SW., desc. 30 ft. over a perpendicular bank.

69.55 Todastoni wash, 15 lks. wide, water standing in pools, drains NE., asc. 32 ft. over SE. slope.

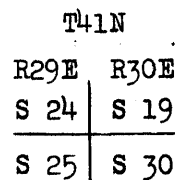
72.28 Left bank of Todastoni wash, edge bears NE. and SW., asc. 33 ft. over SSE. slope.

75.28 Road, bears NE. and SW.

79.00 Top of ascent; slopes NE., desc. 17 ft. over NW. slope through scattering timber.

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., 24 ins. in the ground, with brass cap mkd.



1953

from which

A juniper, 10 ins. diam., bears N.  $32^{\circ} 30'$  E., 119 lks. dist., mkd. T41N R30E S19 BT.

A juniper, 20 ins. diam., bears S.  $0^{\circ} 21'$  E., 23 lks. dist., mkd. T41N R30E S30 BT.

A juniper, 18 ins. diam., bears S.  $13^{\circ} 47'$  W., 40 lks. dist., mkd. T41N R29E S25 BT.

A juniper, 10 ins. diam., bears N.  $52^{\circ} 42'$  W., 28 lks. dist., mkd. T41N R29E S24 BT.

Land, gently rolling.

Soil, sandy clay.

Timber, scattering juniper; undergrowth, sagebrush.

## West Boundary of T. 41 N., R. 30 E.

## Chains

North, bet. secs. 19 and 24.

Desc. 194 ft. over rolling NNW slope, through scattered timber.

25.44 Road, bears E. and W.

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., 24 ins. in the ground, with brass cap mkd.

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

1953

from which

A juniper, 5 ins. diam., bears N.  $56^{\circ} 58'$  E., 261 lks. dist., mkd.  $\frac{1}{4}$  S19 BT.

A juniper, 24 ins. diam., bears N.  $61^{\circ} 40'$  E., 328 lks. dist., mkd.  $\frac{1}{4}$  S19 BT.

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

41.00 Road, bears NE. and SW.

46.37 Wash, 20 lks. wide, drains NNW.

51.48 Right bank of arroyo, bears NE. and SW.

54.00 Main channel in arroyo, water standing in pools, drains NE.

55.39 Left bank of arroyo, bears NE. and SW., asc. 50 ft. over ESE slope.

71.00 Top of ascent; slopes NE., desc. 25 ft. over gradual NNW 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., 24 ins. in the ground, with brass cap mkd.

T41N  
R29E | R30E  
S 13 | S 18  
-----  
S 24 | S 19

1953

from which

A juniper, 8 ins. diam., bears N.  $29^{\circ} 00'$  E., 103 lks. dist., mkd. T41N R30E S18 BT.

A juniper, 10 ins. diam., bears S.  $62^{\circ} 42'$  W., 267 lks. dist., mkd. T41N R29E S24 BT.

A juniper, 6 ins. diam., bears N.  $15^{\circ} 24'$  W., 144 lks. dist., mkd. T41N R29E S13 BT.

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

Land, rolling.

Soil, sandy clay.

Timber; scattered juniper; undergrowth, sagebrush.

## West Boundary of T. 41 N., R. 30 E.

## Chains

North, bet. secs. 13 and 18.

Asc. 6 ft. over rolling land, through scattered timber.

9.00 Top of ascent; slopes NE., leave scattered timber; desc. 96 ft. over N. slope.

33.90 Wash, 20 lks. wide, drains NE., asc. 17 ft. over S. slope.

36.55 Old road, bears NNE. and SSW.

39.30 Top of ascent; desc. 19 ft. over NW. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$

S13 | S18

1953

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

Over rolling and eroded land.

Desc. 30 ft. over NW. slope.

41.65 Right bank of ravine, edge bears E NE and WSW., desc. 30 ft. over perpendicular bank.

43.35 Left bank of ravine, edge bears ENE and WSW., asc. 35 ft. over perpendicular sandstone rim, to top; desc. 6 ft. over NNE slope.

46.86 Wash, 15 lks. wide, drains E., asc. 19 ft. over SE. slope.

63.40 Top of ascent; slopes E., desc. 30 ft. over NNE slope.

64.65 An arroyo, 25 lks. wide, 18 ft. deep, drains E., asc. 15 ft. over SSE slope.

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., 20 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

T41N

R29E | R30E

S 12 | S 7

S 13 | S 18

1953

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

Land, rolling, broken and eroded.

Soil, sandy clay.

Timber; scattered juniper; undergrowth, sagebrush.

North, bet. secs. 7 and 12.

Asc. 83 ft. over rolling and eroded land, over SSE. slope.

25.35 Top of ascent; slopes NE; desc. 10 ft. over NNW slope.

## West Boundary of T. 41 N., R. 30 E.

Chains	
28.35	Begin ascent; asc. 49 ft. over barren eroded SSE. slope.
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., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	$\frac{1}{4}$ S 12   S 7 1953
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Continue ascent; asc. 32 ft. over steep S. slope.
41.70	Top of ascent; slopes E., desc. 11 ft. over N. slope.
48.60	Begin ascent; asc. 138 ft. over steep barren S. slope.
53.00	Graded road, bears E. and W.
67.00	Top of ascent; edge bears NE. and SW., desc. 16 ft. over W. slope.
70.46	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., 24 ins. in the ground, with brass cap mkd.
	T41N R29E   R30E S 1   S 6 S 12   S 7 1953
	raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Land, eroded and rolling mountainous. Soil, sandy clay. No timber.
	North, bet. secs. 1 and 6. Over nearly level land; desc. 15 ft. over gradual NNW. slope.
8.55	Wash, 10 lks. wide, drains W.
10.45	Wash, 15 lks. wide, drains W., asc. 9 ft. over gradual W. slope.
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., 24 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ S 1   S 6 1953
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of corner.

## West Boundary of T. 41 N., R. 30 E.

## Chains

- Over gently rolling land; asc. 6 ft. over gradual W. slope.
- 50.12 Road, bears ESE. and WNW.
- 55.74 Wash, 15 lks. wide, drains W.
- 68.83 Wash, 20 lks. wide, drains W.
- 73.83 Wash, 12 lks. wide, drains W., asc. 26 ft. over SSW. slope.
- 80.00 Point for the cor. of Ts. 41 and 42 N., Rs. 29 and 30 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T42N	
R29E	R30E
S 36	S 31
S 1	S 6

T41N

1953

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

The geographic position for this point as calculated from connections to the Geological Survey triangulation station "NEW" is:

Latitude  $36^{\circ} 59' 44.74''$  N., and Longitude  $109^{\circ} 10' 26.12''$  W.

From this point, the Geological Survey triangulation station "NEW" bears S.  $32^{\circ} 55' 39''$  W., (Back Bearing: N.  $32^{\circ} 54' 47''$  E.), 194.049 chs. dist., which is monumented with a brass tablet,  $3\frac{1}{4}$  ins. diam., firmly set in concrete.

Land, gently rolling.

Soil, sandy clay.

No timber; undergrowth, scattering sagebrush.

North Boundary of T. 41 N., R. 30 E.

Beginning at the cor. of Ts. 41 and 42 N., Rs. 30 and 31 E., which is monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, marked and witnessed as described in the official record.

Thence

N.  $89^{\circ} 59'$  W., bet. secs. 1 and 36, on the true line.

Over rolling mountainous land; asc. 68 ft. over steep NNE. slope.

2.80 Top of steep ascent; asc. 92 ft. over gradual NNE. slope.

18.70 Top of ascent; slopes NE., desc. 3 ft. over NW. slope.

24.40 Wash, 30 lks. wide, drains NNE., asc. 89 ft. over steep SSE. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S 36	
$\frac{1}{4}$	—
S 1	

1953

## North Boundary of T. 41 N., R. 30 E.

Chains	<p>raise a mound of stone, <math>3\frac{1}{2}</math> ft. base, <math>2\frac{1}{2}</math> ft. high, N. of corner. Over gently rolling land; asc. 11 ft. over SSE. slope.</p> <p>61.72 Top of ascent; edge bears NNE. and SSW.</p> <p>65.32 Begin descent; edge bears NW. and SE., desc. 53 ft. over steep SW. slope.</p> <p>69.72 Bottom of steep descent; edge bears NW. and SE., thence over level land through scattering timber.</p> <p>80.00 Point for the cor. of secs. 1, 2, 35, and 36. Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T42NR30E</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td colspan="2">T41N</td></tr> <tr><td colspan="2">1953</td></tr> </table> </div> <p>from which</p> <p>A juniper, 14 ins. diam., bears N. <math>5^{\circ} 47'</math> E., 105 lks. dist., mkd. T42N R30E S36 BT.</p> <p>A juniper, 8 ins. diam., bears S. <math>54^{\circ} 39'</math> E., 265 lks. dist., mkd. T41N R30E S 1 BT.</p> <p>A juniper, 20 ins. diam., bears N. <math>82^{\circ} 24'</math> W., 258 lks. dist., mkd. T42N R30E S35 BT.</p> <p>No other tree within limits.</p> <p>Land, eastern part, rolling mountainous; western part, gently rolling and level. Soil, sandy clay. Timber; scattering juniper,</p>	T42NR30E		S35	S36	S 2	S 1	T41N		1953	
T42NR30E											
S35	S36										
S 2	S 1										
T41N											
1953											
27.45 35.90 40.00	<p>N. <math>89^{\circ} 59'</math> W., bet. secs. 2 and 35, on the true line. Over rolling land, through scattering timber; desc. 68 ft. over SSW. slope.</p> <p>Wash, 40 lks. wide, drains S., asc. 103 ft. over E. slope.</p> <p>Top of ascent; slopes S., desc. 28 ft. over SSW. slope.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">S 35</td></tr> <tr><td><math>\frac{1}{4}</math></td><td>S 2</td></tr> <tr><td colspan="2">1953</td></tr> </table> </div> <p>from which</p> <p>A juniper, 8 ins. diam., bears N. <math>13^{\circ} 24'</math> E., 62 lks. dist., mkd. <math>\frac{1}{4}</math> S35 BT</p> <p>A juniper, 10 ins. diam., bears S. <math>6^{\circ} 41'</math> E., 125 lks. dist., mkd. <math>\frac{1}{4}</math> S 2 BT.</p> <p>Continue over rolling land; asc. 19 ft. over SSE. slope.</p>	S 35		$\frac{1}{4}$	S 2	1953					
S 35											
$\frac{1}{4}$	S 2										
1953											
42.68	<p>Top of ascent; slopes S., desc. 9 ft. over SW. slope.</p>										

## North Boundary of T. 41 N., R. 30 E.

Chains	
45.20	Bottom of descent; asc. 142 ft. over SSE. slope.
72.10	Top of ascent; slopes S., desc. 46 ft. over SSW. slope.
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., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	T42NR30E S34   S35 --- S 3   S 2 T41N 1953
	raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of corner. Land, rolling mountainous. Soil, sandy clay. Timber, scattering juniper; undergrowth, sagebrush.
	N. $89^{\circ} 59'$ W., bet. secs. 3 and 34, on the true line. Over rolling and broken land; desc. 27 ft. over SW. slope through scattering timber.
10.27	Bottom of descent; asc. 97 ft. over SSE. slope.
18.17	Top of ascent; slopes S., desc. 192 ft. over SW. slope.
32.34	Wash, 10 lks. wide; drains S., asc. 47 ft. over E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ $\frac{S 34}{S 3}$ 1953
	raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, N. of corner. Continue ascent; asc. 133 ft. over ESE. slope.
63.31	Top of ascent; slopes S., desc. 25 ft. over SW. slope.
67.05	Road, bears NE. and SW., asc. 69 ft. over NE. slope.
78.74	Top of ascent; slopes NE., desc. 7 ft. over gradual N. 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., 24 ins. in the ground, with brass cap mkd.
	T42NR30E S33   S34 --- S 4   S 3 T41N 1953
	raise a mound of stone, $5\frac{1}{2}$ ft. base, $3\frac{1}{2}$ ft. high, W. of corner. Land, rolling mountainous and broken. Soil, sandy clay. Timber; scattering juniper; undergrowth, sagebrush.



## North Boundary of T. 41 N., R. 30 E.

Chains	N. 89° 59' W., bet. secs. 4 and 33, on the true line.
	Over broken mountainous land, through scattering timber; asc. 7 ft.
.59	Top of ascent; desc. 48 ft. over NNW. slope.
4.73	Bottom of descent; asc. 31 ft. over NNE. slope.
9.35	Top of ascent; slopes N., desc. 23 ft. over NNW. slope.
12.63	Bottom of descent; asc. 31 ft. over NNE. slope.
18.81	Top of ascent; slopes NNE., desc. 72 ft. over NNE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \hline \text{S } 33 \\ \hline \text{S } 4 \\ 1953 \end{array}$
	raise a mound of stone, 4 ft. base, $3\frac{1}{2}$ ft. high, N. of corner.
43.16	Bottom of descent; asc. 86 ft. over NNE. slope.
52.41	Top of ascent; slopes N., desc. 41 ft. over NNW. slope.
58.82	Wash, 20 lks. wide, drains NE; asc. 390 ft. over steep E. slope.
77.62	Top of ascent; slopes N., desc. 69 ft. over steep W. slope.
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., 24 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{T42NR30E} \\ \hline \text{S } 32 \mid \text{S } 33 \\ \hline \text{S } 5 \mid \text{S } 4 \\ \hline \text{T41N} \\ 1953 \end{array}$
	raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.
	Land, broken mountainous.
	Soil, sandy clay.
	Timber, scattering juniper; undergrowth, sagebrush.
	N. 89° 59' W., bet. secs. 5 and 32, on the true line.
	Over mountainous land, through scattering timber.
	Desc. 354 ft. over steep W. slope.
10.19	Wash, 15 lks. wide, drains NW., asc. 71 ft. over NE. slope.
13.70	Top of ascent; slopes N., desc. 111 ft. over NNW. slope.
21.60	Wash, 10 lks. wide, drains NE., asc. 23 ft. over SSE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32.

## North Boundary of T. 41 N., R. 30 E.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

	S 32
$\frac{1}{4}$	—
	S 5
	1953

from which

A juniper, 15 ins. diam., bears N.  $5^{\circ} 20'$  W., 15 lks. dist., mkd.  $\frac{1}{4}$  S32 BT.

No other suitable tree within limits.

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

Desc. 78 ft. over NNW. slope.

- 46.61 Wash, 8 lks. wide, drains NW.
- 48.31 Wash, 25 lks. wide, drains NE., asc. 71 ft. over SE. slope.
- 54.40 Top of ascent; slopes NE., desc. 75 ft. over NW. slope.
- 62.93 Wash, 30 lks. wide, drains NE., asc. 80 ft. over SE. slope.
- 73.64 Top of ascent; slopes NE., desc. 41 ft. over NNW. slope.
- 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., 24 ins. in the ground, with brass cap mkd.

T42NR30E	
S31	S32
—	—
S 6	S 5
T41N	
1953	

from which

A juniper, 6 ins. diam., bears S.  $18^{\circ} 00'$  E., 67 lks. dist., mkd. T41N R30E S5 BT.

No other suitable trees within limits.

raise a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, W. of corner.

Land, rolling mountainous.

Soil, sandy clay.

Timber, scattering juniper; undergrowth, sagebrush.

N.  $89^{\circ} 59'$  W., bet. secs. 6 and 31, on the true line.

Over rough mountainous land through scattering timber.

Asc. 136 ft. over ENE. slope.

- 10.04 Wash, 25 lks. wide, drains ENE., asc. 54 ft.
- 12.29 Same wash, 25 lks. wide, drains SE., asc. 85 ft. over E. slope.
- 27.10 Wash, 25 lks. wide, drains NE., asc. 283 ft. over steep ESE. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6.

## North Boundary of T. 41 N., R. 30 E.

## Chains

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

$$\frac{1}{4} \begin{array}{r} S 31 \\ \hline S 6 \end{array}$$

1953

raise a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, N. of corner.

Continue ascent; asc. 84 ft. over perpendicular sandstone rim.

40.63 Top of sandstone rim; edge bears N. and S.

41.40 Top of ascent; slopes NNE., enter scattering timber; desc. 6 ft. over NNW. slope.

50.54 Wash, 20 lks. wide, drains NE., asc. 19 ft. over nearly level land.

58.13 Top of sandstone rim, edge bears N. and S., leave scattering timber; desc. 220 ft. over steep W. slope.

72.64 Bottom of steep descent, bears N. and S., thence over gently rolling land.

79.54 The cor. of Ts. 41 and 42 N., Rs. 29 and 30 E.

Land, mountainous and gently rolling.

Soil, sandy clay.

Timber, scattering juniper; undergrowth, sagebrush.

BOOK 4424

4-680  
(August 1947)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Jesse A. Livesay	Surveying and Cartographic Aid
Gerald L. Walters	" " " "
Stephen A. McPhate	" " " "
Elfego J. Baca	" " " "
Raymond Sais Casaus	" " " "
Adan Lovato	" " " "
Stephen Schmidt, Jr.	Cartographer Cadastral

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# CERTIFICATE OF CADASTRAL ENGINEER

I, Horace G. Parker, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 6th day of August, 1953,  
I have surveyed the South boundary (the Tenth Standard Parallel North); and the West  
and North boundaries of Township 41 North, Range 30 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

January 28, 1954.

*Horace G. Parker*

Horace G. Parker

Cartographer Cadastral

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUN 28 1954, 1954

The foregoing field notes of the survey of the South boundary (the Tenth Standard Parallel  
North); and the West and North boundaries of Township 41 North, Range 30 E.

executed by Horace G. Parker

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

*Donald B. Clement*  
Acting Chief, Branch of Engineering and Construction.

## 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, Branch of Engineering and Construction.