

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

Book "A"

FIELD NOTES

BOOK 4236

4236

Resurvey

of the

Arizona-New Mexico State Line

between

111th and 119th Mile Corners

Of the New Mexico Principal Meridian,

In the State of New Mexico

EXECUTED BY

Glenn R. Haste, Cadastral Engineer,

Willis W. Bandy, Surveyor,

John W. Berberich, Public Land Surveyor,

Under special instructions dated January 30, 1940, which provided

for the surveys included under Group No. 1118, bearing the approval of the

Commissioner of the General Land Office under date of April 15, 1940

and assignment instructions dated April 1, 1940  
and April 19, 1940

Survey commenced April 3, 1940

Survey completed May 3, 1940

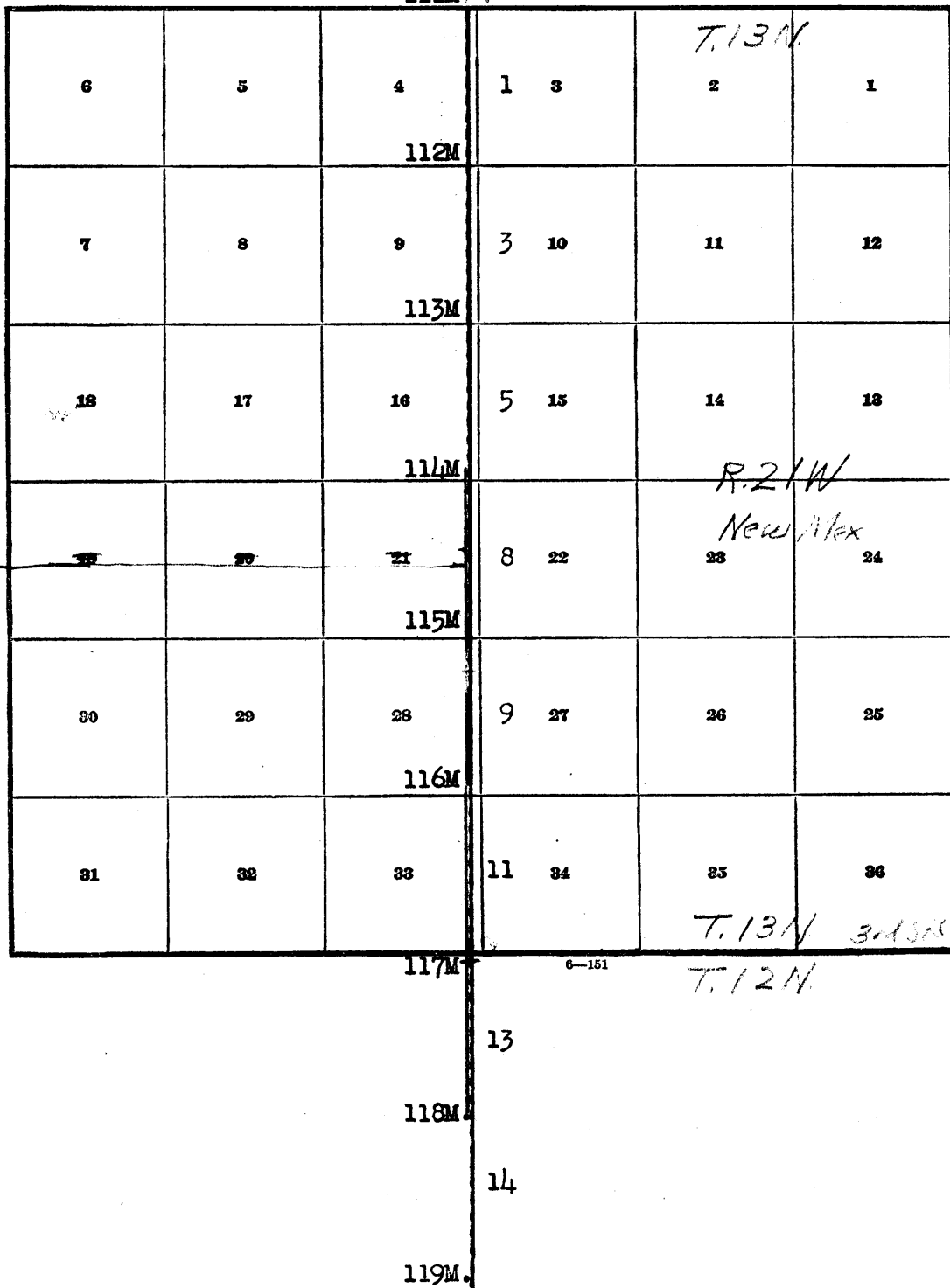
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BOOK 4236

# INDEX DIAGRAM.

Township -----, Range ----- *T. 14 N.*



Black Line resurveyed by Glenn R. Haste.  
 Red Line " " John W. Berberich.  
 Blue Line " " Willis W. Bandy.

## Resurvey of the Arizona-New Mexico State Line

## Chains

The resurvey of a portion of the Arizona-New Mexico state line was made in close conjunction with the resurvey of T. 13 N., R. 21 W., N. M. P. M., New Mexico. For description and test of instruments, see the resurvey of that township.

The Arizona-New Mexico line is completely retraced between the 111 and 119 mile corners and search made for original corners and the calls of the original field notes. For simplification of the record the true line only is herein given.

This resurvey is a restoration of the survey originally made by Chandler Robbins in 1875.

The original 111 mile cor. on the line bet. Arizona and New Mexico is a sandstone 1 1/2 x 2 x 10 ins., set in a mound of stone and mkd. N M on the E., ARIZ on the W., and 111 on the N. Other reported marks have eroded.

At point for cor., with original cor. stone alongside.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the 111 mile cor., with brass cap mkd.

111 M  
ARIZ | N MEX  
1910

from which

A pinon, 8 ins. diam., bears N. 3° 30' E., 47 lks. dist.,  
mkd. 111 M N M B T.

A pinon, 6 ins. diam., bears S. 17° 30' E., 55 lks. dist.,  
mkd. 111 M N M B T.

A pinon, 9 ins. diam., bears S. 15° 45' W., 46 lks. dist.,  
mkd. 111 M ARIZ B T.

A pinon, 10 ins. diam., bears N. 71° 15' W., 28 lks. dist.,  
mkd. 111 M ARIZ B T.

S. 0° 13' E., on the line bet. Arizona and New Mexico.

Over rolling and broken mesa top, through dense scrub timber.

## Resurvey of the Arizona-New Mexico State Line

Chains	
3.36	The closing cor. of T. 13 and 14 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the resurvey of T. 13 N., R. 21 W.
11.00	Road, bears NW. and SE.
40.15	At proportionate point. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $111\frac{1}{2}$ mile cor., with brass cap mkd.
	$111\frac{1}{2}$ M ARIZ   N MEX 1940
	from which
	A pinon, 14 ins. diam., bears N. $83^{\circ} 30'$ E., 12 lks. dist., mkd. $111\frac{1}{2}$ M N M B T.
	A pinon, 8 ins. diam., bears S. $76^{\circ} 30'$ W., 46 lks. dist., mkd. $111\frac{1}{2}$ M ARIZ B T.
43.67	At this point, determined to be 16.58 chs. S. $89^{\circ} 23'$ W., from the $\frac{1}{4}$ sec. cor. of secs. 2 and 3, T. 13 N., R. 21 W., N. M. P. M., New Mexico. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock and in a mound of stone to cap, for the $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap mkd.
	$\frac{1}{4}$ ARIZ   S 3 1940
	from which
	A pinon, 7 ins. diam., bears N. $25^{\circ} 30'$ E., 15 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
	A pinon, 6 ins. diam., bears S. $40^{\circ} 45'$ E., 46 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
46.10	Sandstone rim of mesa bears NE. and SW.; desc. 230 ft.
56.00	Wash, 10 lks. wide in bottom of canyon, drains E.; asc. 230 ft.
70.80	Sandstone rim of canyon on rolling mesa top, bears NW. and nearly E.

## Resurvey of the Arizona-New Mexico State Line

## Chains

80.31

The original 112 mile cor., which is a sandstone 11x12x8 ins., set in a mound of stone and mkd. 32 W L on S. and ARIZ on W. face. The other reported marks have now weathered.

At point for cor., with original cor. stone alongside.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the 112 mile cor., with brass cap mkd.

112 M

ARIZ | N MEX

1910

from which

A pinon, 8 ins. diam., bears N. 15° 45' E., 78 lks.

dist., mkd. 112 M N M B T.

A pinon, 8 ins. diam., bears S. 47° 15' E., 80 lks.

dist., mkd. 112 M N M B T.

A pinon, 10 ins. diam., bears S. 38° 30' W., 27 lks.

dist., mkd. 112 M ARIZ B T.

A pinon, 8 ins. diam., bears N. 25° 15' W., 34 lks.

dist., mkd. 112 M ARIZ B T.

Land, rolling mesa top, cut by canyons.

Soil, sandy loam and rocky sandstone; 2nd and 3rd rate.

Timber, scrub cedar and pinon.

S. 0° 15' E., on line bet. Arizona and New Mexico.

Over rolling mesa top, through dense scrub timber.

3.38

The closing cor. of secs. 3 and 10, T. 13 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the resurvey of that Tp.

40.68

At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 112 $\frac{1}{2}$  mile cor., with brass cap mkd.

112 $\frac{1}{2}$  M

ARIZ | N MEX

1910

from which

A pinon, 6 ins. diam., bears S. 62° 45' E., 83 lks.

Resurvey of the Arizona-New Mexico State Line

Chains

dist., mkd. 112 $\frac{1}{2}$  M H M B T.

A pinon, 8 ins. diam., bears S. 55° 30' W., 34 lks.

dist., mkd. 112 $\frac{1}{2}$  M ARIZ B T.

43.60

At this point, determined to be 16.02 chs. West of the  $\frac{1}{4}$  sec. cor. of secs. 10 and 11, T. 13 N., R. 21 W., N. M. P. M., New Mexico.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., of sec. 10 only, with brass cap mkd.

$\frac{1}{4}$   
 ARIZ | S10  
 1940

from which

A pinon, 6 ins. diam., bears N. 66° E., 43 lks.

dist., mkd.  $\frac{1}{4}$  S 10 B T.

A pinon, 6 ins. diam., bears S. 45° 30' E., 63 lks.

dist., mkd.  $\frac{1}{4}$  S 10 B T.

51.90

The closing cor. of secs. 22 and 27, T. 23 N., R. 31 E., G. & S. R. N., Arizona, as described in the notes of the resurvey of that Tp.

59.00

Desc. 400 ft. from sandstone bluff, bears NE. and SW.; leave timber.

60.04

On N. face of large cave, approximately 150 ft. wide and 150 ft. deep. Set a tablet 3 $\frac{1}{2}$  ins. diam., 3 in. stem, with top mkd.

ARIZ | N MEX  
 1940

This tablet is cemented in the sandstone wall of the cave about 1 $\frac{1}{2}$  ft. above the floor.

This cave contains some cliff dwellings and a zoo is maintained therein. The cave attracts many tourists.

62.30

Mouth of cave and enter valley of the Rio Puerco, bears NE. and SW.

81.36

At proportionate point.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the 113 mile cor., with brass cap mkd.

## Resurvey of the Arizona-New Mexico State Line

Chains	
	<p style="text-align: center;">113 M</p> <p style="text-align: center;">ARIZ   N MEX</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">raise a mound</p> <p style="text-align: center;">of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Land, rolling mesa top, valley, and broken slopes.</p> <p>Soil, sandy clay loam and sandstone; 2nd and 3rd rate.</p> <p>Timber, scrub cedar and pimon.</p> <hr/> <p>S. 0° 15' E., bet. Arizona and New Mexico.</p> <p>Over open valley of the Rio Puerco.</p>
2.46	The closing cor. of secs. 10 and 15, T. 13 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the resurvey of that Tp.
10.00	At this point, determined to be 25.82 chs. East of the ¼ sec. cor. of secs. 27 and 28, T. 23 N., R. 31 E., G. & S. R. M., Arizona.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of sec. 27 only, with brass cap mkd.
	<p style="text-align: center;">S27   N MEX</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">raise a mound</p> <p style="text-align: center;">of stone, 2 ft. base, 1½ ft. high, W. of cor.</p>
16.10	NE. cor. of State Line Trading Post.
18.48	U.S. oiled highway No. 66. Across the highway at this point is a large iron circular span forming the words "New Mexico". Highway parallels railroad.
18.79	Old concrete monument marking the division between highway projects, bears East 3 lks. dist. This monument is a cement post about 6 ins. square and 6 ft. high.
18.82	Set a brass tablet 3½ ins. diam., 3 in. stem, in cement, with top mkd.
	<p style="text-align: center;">ARIZ   N MEX</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">from which</p>

## Resurvey of the Arizona-New Mexico State Line

Chains

A plus and elevation station of the Arizona Highway Department bears S. 51° 15' W., 71 lks. dist., which is a brass tablet about 2½ ins. diam., mkd.

28.86 + 18.45 Elev.  
6179.22  
1931

A white concrete monument as established by the A. T. & S. F. Railroad, bears S. 27° 10' W., 119 lks. dist. This monument is a 4-sided pyramid with a base of approximately 1 ft. square, and is about 8 ft. high, with the E. side painted N MEX and the W. side ARIZ.

- 20.15 Telephone line and fence, parallel to railroad.  
21.12 Telegraph line, parallel to railroad.  
22.45 Main line of the A. T. & S. F. Railroad, bears N. 32° E., and S. 32° W.  
22.85 Main line of the A. T. & S. F. Railroad, as double tracked, bears N. 32° E., and S. 32° W.  
23.80 Telephone line, parallel to railroad.  
24.10 Right of way fence, parallel to railroad.  
25.00 Wash, 20 lks. wide, 10 ft. deep, course E. of S.  
26.30 Same wash, course W. of S.  
30.75 Same wash, course E. of S.  
33.00 Same wash, course W. of S.  
34.85 Same wash, course E. of S.  
40.68 At proportionate point.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 113½ mile cor., with brass cap mkd.

113½ M

ARIZ | N MEX

1940

raise a mound

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

This cor. is set on the W. bank of the arroyo.

- 42.65 At this point, determined to be 15.84 chs. West of the ¼ sec. cor. of



## Resurvey of the Arizona-New Mexico State Line

## Chains

secs. 14 and 15, T. 13 N., R. 21 W., N. M. P. M., New Mexico.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for the  $\frac{1}{4}$  sec. cor. of secs. 15 only, with brass cap mkd.

$\frac{1}{4}$   
 ARIZ | 815  
 1940

raise a mound

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

49.46 The closing cor. of secs. 27 and 34, T. 23 N., R. 31 E., G. & S. R. M.,  
Arizona, as described in the notes of the resurvey of that Tp.

57.10 Road, bears E. and W.

60.80 Right bank of the Rio Puerco, a wide sandy stream bed, now dry,  
course SW.

70.60 Left bank of the Rio Puerco, bears N. of E. and SW.

72.70 Same left bank, bears NW. and SE.

78.70 Same left bank, bears N. of E. and S. of W.; asc. gradually.

81.36 At proportionate point.

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

$1\frac{1}{4}$  M  
 ARIZ | N MEX  
 1940

from which

A point on large exposed sandstone surface sloping NW.

mkd. by X and B O, bears N.  $89^{\circ} 55'$  E., 247 lks.  
dist.

A point on the sandstone boulder  $12 \times 8 \times 6$  ft. above ground,

mkd. X and B O, bears S.  $55^{\circ} 25'$  E., 130 lks. dist.

This mile cor. is set on the edge of the Rio Puerco

Valley, draining SW.

Land, valley.

Soil, clay loam; 2nd rate.

Timber, none.

## Resurvey of the Arizona-New Mexico State Line

## Chains

S.  $0^{\circ} 15'$  E., on the line bet. Arizona and New Mexico.

Over broken W. slope of mesa near foot.

1.49 The closing cor. of secs. 15 and 22, T. 13 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the resurvey of that Tp.

3.02 The true point for the  $\frac{1}{4}$  sec. cor. of sec. 34, T. 23 N., R. 31 E., G. & S. R. M., as determined to be 26.34 chs. East of the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34 of that Tp., falls on S. edge of small wash in an eroded area.

8.52 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the witness  $\frac{1}{4}$  sec. cor. of sec. 34, with brass cap mkd.

WC  
 $\frac{1}{4}$   
 S34 | N MEX  
 1940

raise a mound

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

31.00 Sandstone spur slopes SW.; desc. about 100 ft.

36.00 Base of spur and enter level valley, draining nearly W.

40.68 At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $11\frac{1}{2}$  mile cor., with brass cap mkd.

$11\frac{1}{2}$  M  
 ARIZ | N MEX  
 1940

from which

The SE. cor. of a square Indian house bears N.  $19^{\circ} 16'$  W.,  
 159 lks. dist.

41.65 At this point, determined to be 15.82 chs. West of the  $\frac{1}{4}$  sec. cor. of secs. 22 and 23, T. 13 N., R. 21 W., N. M. P. M., New Mexico. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $\frac{1}{4}$  sec. cor. of sec. 22 only, with brass cap mkd.

$\frac{1}{4}$   
 ARIZ S22  
 1940

## Resurvey of the Arizona-New Mexico State Line

## Chains

- raise a mound  
of stone, 2 ft. base, 1½ ft. high, E. of cor.
- 47.94 The closing cor. of Ts. 22 and 23 N., R. 31 E., G. & S. R. M.,  
Arizona, as described in the notes of the resurvey of T. 22 N., R.  
31 E.
- 57.00 Leave nearly level valley; asc. steep broken general N. slope 380 ft;  
enter scattering scrub timber.
- 61.36 At proportionate point.  
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to  
bed rock and in a mound of stone to cap, for the 115 mile cor., with  
brass cap mkd.
- 115 M  
ARIZ | N MEX  
1940
- from which
- A pinon, 10 ins. diam., bears N. 1° 45' E., 19 lks.  
dist., mkd. 115 M N M B T.
- A pinon, 7 ins. diam., bears S. 7° 15' W., 27 lks.  
dist., mkd. 115 M ARIZ B T.
- Land, broken and level valley, and steep mesa slopes.  
Soil, sandy clay loam and sandstone; 2nd and 3rd rate.  
Timber, scattering scrub cedar and pinon.
- 
- S. 0° 15' E., on line bet. Arizona and New Mexico.  
Over rough, broken land, through scrub timber; asc. 230 ft.
- 0.45 The closing cor. of secs. 22 and 27, T. 13 N., R. 21 W., N. M. P. M.,  
New Mexico, as described in the notes of the resurvey of that Tp.
- 6.10 Top on rolling mesa, bears nearly E. and W.
- 7.47 At this point, determined to be 26.71 chs. East of the true point for  
the ¼ sec. cor. of secs. 3 and 4, T. 22 N., R. 31 E., G. & S. R. M.,  
Arizona.  
Set an iron post, 3 ft. long, 1 in. diam., 1¼ ins. in the ground to  
bed rock and in a mound of stone to cap, for the ¼ sec. cor. of sec.  
3 only, with brass cap mkd.

## Resurvey of the Arizona-New Mexico State Line

Chains

$\frac{1}{4}$   
 S3 | N MEX  
 1940

from which

A pinon, 7 ins. diam., bears S. 87° 30' W., 21 lks.

dist., mkd.  $\frac{1}{4}$  S 3 B T.

A cedar, 5 ins. diam., bears N. 26° W., 41 lks.

dist., mkd.  $\frac{1}{4}$  S 3 B T.

27.50 Rim of mesa, bears NW. and SE.; desc. 600 ft. over numerous cliffs and exposed sandstone.

40.68 At proportionate point.

Set a brass tablet  $3\frac{1}{2}$  ins. diam., 3 in. stem, with top mkd.

115 $\frac{1}{2}$  M  
 ARIZ | N MEX  
 1940

This tablet is set in exposed sandstone at the W. face of cliff, bearing W. of N. and E. of S.

40.72 At this point, determined to be 15.78 chs. West of the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27, T. 13 N., R. 21 W., N. M. P. M., New Mexico.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. drilled in sandstone, and in a mound of stone to cap, for the  $\frac{1}{4}$  sec. cor. of sec. 27 only, with brass cap mkd.

$\frac{1}{4}$   
 ARIZ | S27  
 1940

48.17 The true point and 3.01 chs. East of the witness cor. for the closing cor. of secs. 3 and 10, T. 22 N., R. 31 E., G. & S. R. M., Arizona, as described in the notes of the resurvey of that Tp.

Thence over broken and irregular general W. slope.

80.83 The true point for the closing cor. of secs. 27 and 34, T. 13 N., R. 21 W., N. M. P. M., New Mexico, at inaccessible point on cliff 200 ft. high, bears NW. and SE. as described in the notes of the resurvey of

## Resurvey of the Arizona-New Mexico State Line

Chains

that Tp.

81.29 The witness cor. of secs. 27 and 34, at foot of cliff bearing NW. and SE., as described in the notes of the resurvey of T. 13 N., R. 21 W., N. M. P. M., New Mexico.

81.36 At proportionate point.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. drilled in cement and in a mound of stone to cap, for the 116 mile cor., with brass cap mkd.

116 M

ARIZ | N MEX

1940

Land, rough and broken.

Soil, rocky sandstone; 3rd rate.

Timber, scrub cedar and pinon.

---

S. 0° 15' E., on line bet. Arizona and New Mexico.

Over broken land, through scattering scrub timber.

6.78 At this point, determined to be 26.85 chs. East of the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10, T. 22 N., R. 31 E., G. & S. R. M., Arizona.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $\frac{1}{4}$  sec. cor. of sec. 10 only, with brass cap mkd.

 $\frac{1}{4}$ 

S10 | N MEX

1940

from which

A cedar, 5 ins. diam., bears S. 40° 15' W., 43 lks.

dist., mkd.  $\frac{1}{4}$  S 10 S T.

A cedar, 6 ins. diam., bears N. 33° 15' W., 105 lks.

dist., mkd.  $\frac{1}{4}$  S 10 B T.

16.40 Arroyo, 50 lks. wide, course N. of W.

35.12 Arroyo 50 lks. wide, course West.

39.73 At this point, determined to be 16.06 chs. S. 89° 59' W. of the  $\frac{1}{4}$  sec. cor. of secs. 34 and 35, T. 13 N., R. 21 W., N.M.P.M., New Mexico.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $\frac{1}{4}$  sec. cor. of sec. 34 only, with brass cap mkd.

Resurvey of the Arizona-New Mexico State Line

Chains

$\frac{1}{4}$   
 ARIZ | 834  
 1940

from which

A cedar, 8 ins. diam., bears N. 72° E., 176 lks.

dist., mkd.  $\frac{1}{4}$  S 3/4 B T.

A cedar, 12 ins. diam., bears S. 54° E., 167 lks.

dist., mkd.  $\frac{1}{4}$  S 3/4 B T.

40.68 At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for the 116 $\frac{1}{2}$  mile cor., with brass cap mkd.

116 $\frac{1}{2}$  M  
 ARIZ | N MEX  
 1940

from which

A cedar, 14 ins. diam., bears S. 25° 15' E., 85 lks.

dist., mkd. 116 $\frac{1}{2}$  M N M B T.

A cedar, 6 ins. diam., bears N. 55° 30' W., 58 lks.

dist., mkd. 116 $\frac{1}{2}$  M ARIZ B T.

46.76  
79.99

The closing cor. of secs. 10 and 15 of T. 22 N., R. 31 E.  
The closing cor. of the Third Standard Parallel North, R. 21 W.,  
as described in the notes of the resurvey of T. 13 N., R. 21 W.,  
N. M. P. M., New Mexico.

81.36 At proportionate point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,  
for the 117 mile cor., with brass cap mkd.

117 M  
 ARIZ | N MEX  
 1940

from which

A cedar, 5 ins. diam., bears S. 74° 45' E., 363 lks.

dist., mkd. 117 M N M B T.

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

## Resurvey of the Arizona-New Mexico State Line

BOOK 070

## Chains

Land, slightly broken.

Soil, sandy clay loam; 2nd rate.

Timber, scattering scrub cedar and pinon.

S. 0° 15' E., on line bet. Arizona and New Mexico.

Over slightly broken land, through scattering scrub timber.

26.40 Arroyo, 2 chs. wide, course NW.

39.47 Point for  
the  $\frac{1}{4}$  sec. cor. of sec. 3 of T. 12 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the subdivision of sec. 3 of that Tp.

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

$$\begin{array}{c} \frac{1}{4} \\ \text{ARIZ} \mid \text{83} \\ 1940 \end{array}$$

raise a mound

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

40.68 At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $117\frac{1}{2}$  mile cor., with brass cap mkd.

$$\begin{array}{c} 117\frac{1}{2} \text{ M} \\ \text{ARIZ} \mid \text{N MEX} \\ 1940 \end{array}$$

raise a mound

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

41.90 Right bank of arroyo, about 3 chs. wide, course W. of N.

46.70 Same right bank of arroyo, course E. of N.

80.32 The closing cor. of secs. 3 and 10, T. 12 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the resurvey of that Tp.

81.36 The original 118 mile cor., which is a lava stone  $24 \times 10 \times 8$  ins., mkd. N M on E. side, 32 W L on S. side, ARIZ on W. side, and 118 M on N. side.

At point for cor., with original cor. stone alongside.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground.

Resurvey of the Arizona-New Mexico State Line

Chains

for the 118 mile cor., with brass cap mkd.

118 M  
 ARIZ | N MEX  
 1940

from which

A cedar, 8 ins. diam., bears S. 63° 15' E., 387 lks.

dist., mkd. 118 M N M B T.

A cedar, 6 ins. diam., bears N. 46° 30' W., 49 lks.

dist., mkd. 118 M ARIZ B T.

Land, slightly broken.

Soil, sandy and gravelly; clay loam; 2nd rate.

Timber, scattering scrub cedar and pinon.

S. 0° 44' E., on line bet. Arizona and New Mexico.

Over gently rolling land, through scattering scrub timber.

5.50 Arroyo, 2 chs. wide, course NW.

9.00 Same arroyo, course NE.

39.51 At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for the 118½ mile cor., with brass cap mkd.

118½ M  
 ARIZ | N MEX  
 1940

raise a mound

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

39.93 The ¼ sec. cor. of sec. 10, T. 12 N., R. 21 W., N. M. P. M., New Mexico, as described in the notes of the subdivision of sec. 10 of that Tp.

52.60 Arroyo, 1 ch. wide, course NW.

79.02 The original 119 mile cor., which is a sandstone 11x12x10 ins., set 6 ins. in the ground and mkd. N M on E. face, 32 W L on S. face, ARIZ on W. face, and 119 M on N. face.

At point for cor., with original cor. stone alongside.



Resurvey of the Arizona-New Mexico State Line

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the 119 mile cor., with brass cap mkd.

119 M  
ARIZ | N MEX  
1940

from which

A cedar, 8 ins. diam., bears N. 33° 45' E., 46 lks.  
dist., mkd. 119 M N M B T.

A cedar, 7 ins. diam., bears S. 41° 30' W., 89 lks.  
dist., mkd. 119 M ARIZ B T.

The closing cor. of secs. 10 and 15, T. 12 N., R. 21 W., as described in the notes of the resurvey of that Tp., bears South, 20 lks. dist.

Land, rolling.

Soil, sandy and gravelly clay loam; 2nd rate.

Timber, scattering scrub cedar and pinon.



CERTIFICATE OF SURVEYOR

1/1 We, Glenn R. Haste, Cadastral Engineer, Willis W. Bandy, Surveyor, and John W. Berberich, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 30th day of January 1940, received from the district cadastral engineer for New Mexico, with assignment instructions dated April 1 and April 19, 1940, I have surveyed we have resurveyed the Arizona-New Mexico State Line between the 111th and 119th Mile Corners,

of the Meridian, in the State of, 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.

Santa Fe, New Mexico. Glenn R. Haste, Cadastral Engineer, Willis W. Bandy, Surveyor, John W. Berberich, Public Land Surveyor. October 1, 1940.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS, Denver, Colorado OCT 7, 1940

The foregoing field notes of the survey of resurvey of the Arizona-New Mexico State Line between the 111th and 119th Mile Corners

executed by Glenn R. Haste, Cadastral Engineer, Willis W. Bandy, Surveyor, and John W. Berberich, Public Land Surveyor, under special instructions dated January 30, 1940, and assignment instructions dated April 1, and April 19, 1940, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Frank M. Johnson Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in on the Arizona-New Mexico State Line, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.