

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
Book "I"

FIELD NOTES

BOOK 4235

Resurvey

of

A Portion of the Subdivision

of

Township 23 North, Range 31 East,

With Subdivision of Sections

Of the Gila & Salt River Base & Meridian,

In the State of Arizona

EXECUTED BY

Glenn R. Haste, Cadastral Engineer,

John W. Berberich, Public Land Surveyor,

Under special instructions dated January 30, 1940, which provided  
for the surveys included under Group No. 448 N.M., 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 June 27, 1940

Survey completed July 2, 1940

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BOOK 4235

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Black Lines resurveyed by Glenn R. Haste.

Red Lines " " John W. Berberich.

T. 23 N., R. 31 E.

Chains

For description and test of instruments, see the resurvey of T. 13 N., R. 21 W., N. M. P. M., Book "B" of this group.

The lines affected within this township were retraced. To simplify the record the true lines only are herein given.

The Arizona-New Mexico boundary is the E. boundary of fractional sections 27 and 34, and returns an area within these sections considerably in excess of that shown by the original plat. None of the original closing corners on the state boundary could be found. The best method of restoration of these closing corners is their reestablishment on the state boundary east of the identified original section corners. This method appears to well protect all vested interests.

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

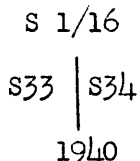
(Restoring the original survey executed by W. R. Fitzgerald in 1882)

From the cor. of secs. 3, 4, 33, and 34 on the S. bdy. of the Tp., as described in the notes of the resurvey of T. 22 N., R. 31 E. N. 0° 13' E., bet. secs. 33 and 34.

Over open valley of the Rio Puerco.

18.80 Mouth of arroyo, 60 lks. wide, course SE., and left bank of Rio Puerco, 20 ft. deep, bears generally NE. and SW.

19.97 At proportionate point.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the S. 1/16 sec. cor., with brass cap mkd.



raise a mound

of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.

23.20 Dry sandy stream bed of Rio Puerco, 2 1/2 chs. wide, course SW.

31.00 Right bank of the Rio Puerco, 15 ft. high, bears NE. and SW.

39.95 At proportionate point.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,

## Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

for the  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S33 \quad | \quad S34 \\ | \\ 1940 \end{array}$$

raise a mound

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

59.92 At proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for the N.  $\frac{1}{16}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} N \frac{1}{16} \\ | \\ S33 \quad | \quad S34 \\ | \\ 1940 \end{array}$$

from which

An algerita tree, 5 ins. in diam., bears N.  $32^{\circ}$  E.,  
135 lks. dist., mkd. N  $\frac{1}{16}$  S  $\frac{3}{4}$  B T.

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

62.40 Railroad right of way fence, parallel to railroad.

64.24 Telegraph line, parallel to railroad.

65.18 Main line of the A. T. & S. F. Railway, as double tracked, bears  
N.  $32^{\circ} 00'$  E., and S.  $32^{\circ} 00'$  W.

67.90 Telegraph line, parallel to railroad.

67.95 Railroad right of way fence, parallel to railroad.

69.70 U. S. oiled highway No. 66, parallel to railroad.

79.90 At proportionate point.

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

$$\begin{array}{c} T23NR31E \\ S28 \quad | \quad S27 \\ \hline S33 \quad | \quad S34 \\ | \\ 1940 \end{array}$$

raise a mound

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

Land, nearly level valley.

Soil, sandy clay loam; 2nd rate.

## Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

Timber, none.

East, bet. secs. 27 and 34.

Over nearly open valley of the Rio Puerco.

6.30 U. S. oiled highway No. 66, parallel to railroad.

7.43 Railroad right of way fence, parallel to railroad.

7.46 Telegraph line, parallel to railroad.

9.20 Main line of the A. T. &amp; S. F. Railway, as double tracked, bears N. 32° 00' E., and S. 32° 00' W.

9.80 Telegraph line, parallel to railroad.

11.00 Railroad right of way fence, parallel to railroad.

26.01 Intersect boundary between Arizona and New Mexico.

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

	T23N	
	R31E	
	S27	
CC	S34	N MEX
	1940	

raise a mound

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

From the closing cor., the 113½ mile cor. on Arizona-

New Mexico boundary bears N. 0° 15' W., 8.78 chs.

dist., as described in the notes of the resurvey

of that boundary.

Land, nearly level valley.

Soil, sandy clay loam; 2nd rate.

Timber, none.

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

N. 0° 02' E., bet. secs. 27 and 28.

Over nearly level open valley of the Rio Puerco.

2.80 Telephone line, bears NE. and SW.

22.00 Leave valley and enter scrub timber, bears NE. and SW.; asc. 450 ft.

33.00 Top of mesa, bears E. of N. and SSW.; over rough broken top.

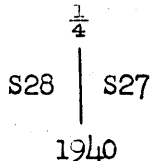
39.45 At proportionate point.

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

## Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

for the  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

A pinon, 6 ins. diam., bears S. 58° E., 67 lks.

dist., mkd.  $\frac{1}{4}$  S 27' B T.

A pinon, 6 ins. diam., bears N. 73° 45' W., 65 lks.

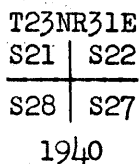
dist., mkd.  $\frac{1}{4}$  S 28 B T.

78.90

The original sec. cor., which is a sandstone 14x10x6 ins., set in a mound of stone and mkd. with 3 grooves on E. face and 2 grooves on S. face.

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 cor. of secs. 21, 22, 27, and 28, with brass cap mkd.



from which

A pinon, 5 ins. diam., bears N. 43° E., 51 lks.

dist., mkd. T 23 N R 31 E S 22 B T.

A pinon, 5 ins. diam., bears S. 59° 15' E., 68 lks.

dist., mkd. T 23 N R 31 E S 27 B T.

A pinon, 8 ins. diam., bears S. 85° W., 22 lks.

dist., mkd. T 23 N R 31 E S 28 B T.

A pinon, 7 ins. diam., bears N. 15° 15' W., 59 lks.

dist., mkd. T 23 N R 31 E S 21 B T.

Land, valley, broken mesa with rough slopes.

Soil, sandy clay loam and sandy with sandstone; 2nd and 3rd rates.

Timber, scrub pinon and cedar.

East, bet. secs. 22 and 27.

Over broken mesa top, through scrub timber.

5.00

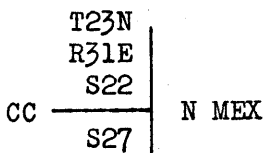
Rim of mesa, bears NE. and SSW.; desc. 200 ft. along general SE. slope.

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

25.62

Intersect boundary between Arizona and New Mexico.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,  
for the closing cor. of secs. 22 and 27, with brass cap mkd.



1940

from which

A pinon, 3 ins. diam., bears S. 34° W., 34 lks.

dist., mkd. C C B T only.

A cedar, 10 ins. diam., bears N. 76° 30' W., 86 lks.

dist., mkd. T 23 N R 31 E S 22 C C B T.

The 112½ mile cor. on bdy. bet. Arizona and New Mexico

bears N. 0° 15' W., 11.22 chs. dist., as described

in the notes of the resurvey of that bdy.

Land, rough, broken.

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

Timber, scrub pinon and cedar.

From the cor. of secs. 4, 5, 32, and 33 on the S. bdy. of the Tp.,  
as described in the notes of the resurvey of T. 22 N., R. 31 E.  
N. 0° 22' E., bet. secs. 32 and 33.

Over rolling and slightly broken land, through scrub timber.

8.50

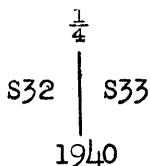
Top of ridge 40 ft. high, bears NNW. and SSE.

39.75

The original ¼ sec. cor., which is a sandstone 10x10x6 ins., set 8  
ins. in the ground, and mkd. ¼ on W. face.

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

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



from which

A cedar, 4 ins. diam., bears N. 40° 15' E., distance

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

not recorded, mkd.  $\frac{1}{4}$  S 33 B T.

A cedar, 10 ins. diam., bears S. 39° 30' W., distance not recorded, mkd.  $\frac{1}{4}$  S 32 B T.

This original cor. stone has been known as the cor. for many years. There are no pine trees near this cor., indicating some mix-up in record of original cor. descriptions within this area.

North.

6.50 Road, bears NNW. and SSE.

8.00 Arroyo, 10 lks. wide, 10 ft. deep, course SSE.

40.20 The original sec. cor., which is a sandstone 12x8x6 ins., set in a mound of stone and mkd. with 4 grooves on E. face only. This cor. was set on top of flat top sandstone boulder 6x6x4 ft. above ground. At point for cor., with original cornerstone alongside. Set a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in cement in boulder top, for the cor. of secs. 28, 29, 32, and 33, with brass top mkd.

T23NR31E	
S29	S28
S32	S33
1940	

from which

A pinon, 12 ins. diam., bears N. 82° 30' E., 46 lks. dist., mkd. T 23 N R 31 E S 28 B T.

A pinon, 8 ins. diam., bears S. 64° E., 89 lks. dist., mkd. T 23 N R 31 E S 33 B T.

A pinon, 5 ins. diam., bears S. 74° 45' W., 28 lks. dist., mkd. T 23 N R 31 E S 32 B T.

A pinon, 7 ins. diam., bears N. 75° 30' W., 86 lks. dist., mkd. T 23 N R 31 E S 29 B T.

Land, rolling and slightly broken.

Soil, sandy clay loam; 2nd rate.

Timber, scrub pinon and cedar.

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

S. 89° 19' W., bet. secs. 28 and 33.

Over nearly level open valley.



## Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

## Chains

- 1.86 Telephone line, bears NE. and SW.  
 17.00 Road, bears NW. and SE.  
 19.99 At proportionate point.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
 for the E. 1/16 sec. cor., with brass cap mkd.

$$\begin{array}{r} \text{E } 1/16 \quad \text{S } 28 \\ \hline \text{S } 33 \\ 1940 \end{array}$$

raise a mound

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

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

$$\begin{array}{r} \text{WC} \\ \text{S } 28 \\ \hline \frac{1}{4} \quad \text{S } 33 \\ 1940 \end{array}$$

raise a mound

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

- 37.20 Left bank of arroyo, course ESE.  
 39.98 True proportionate point for the  $\frac{1}{4}$  sec. cor. falls in wash.  
 42.80 Right bank of arroyo, course ESE.; up valley of arroyo.  
 55.00 Leave valley, bears ESE. and WNW.; asc. gradually.  
 70.00 Asc. about 60 ft. from base of ridge, bears NNW. and SSE.  
 74.00 Top rocky ridge, bears NNW. and SSE.; desc. 50 ft.  
 79.96 The cor. of secs. 28, 29, 32, and 33.  
 Land, valley and slightly broken.  
 Soil, sandy clay loam with some sandstone; 2nd and 3rd rates.  
 Timber, none.

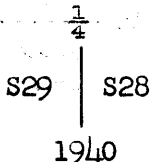
N.  $0^{\circ} 04'$  W., bet. secs. 28 and 29.Over broken land, ascending about 40 ft. along rocky general W.  
 slope, through few scattering scrub pinon and cedar.

- 10.50 Top of rocky ridge, near N. point, bears NNW. and SSE.; desc. about  
 60 ft.  
 18.00 Arroyo, 20 lks. wide, course ESE.; enter valley with arroyo and also  
 W. edge of valley from nearly N.

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

39.98 The original  $\frac{1}{4}$  sec. cor., which is a sandstone 12x10x4 ins., firmly set 9 ins. in the ground, and mkd.  $\frac{1}{4}$  on W. face.  
 At point for cor., with original cor. stone alongside.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

A cedar, 5 ins. diam., bears S. 35° 45' E., 107 lks.  
 dist., mkd.  $\frac{1}{4}$  S 28 B T.

A cedar, 4 ins. diam., bears S. 32° 45' W., 289 lks.  
 dist., mkd.  $\frac{1}{4}$  S 29 B T.

This  $\frac{1}{4}$  sec. cor. is set on W. edge of valley about 10 chs. wide, bears nearly N. and S., at this point, draining S.

N. 0° 47' W.

13.80 Right bank of wash, 15 ft. deep, course SSE.

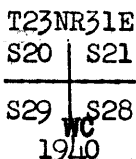
18.10 Left bank of wash, 15 ft. high.

25.50 Leave valley and asc. gradually through scrub timber and scattering pine, bears NNW. and SSE.

38.31 The original sec. cor., which is a pine tree 26 ins. diam., with an old well-overgrown blaze on each cardinal face. An "S" and a "2" could be made out in the E. blaze. 54 years of growth could be counted in the overgrown growth over E. blaze, dating the time of blazing near the date of original survey.

Against E. face of tree, N. 88° 52' E., 2 links from true point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the <sup>witness</sup> cor. of secs. 20, 21, 28, and 29, with brass cap mkd.



from which

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

A pine, 12 ins. diam., bears N. 39° 20' E., 81 lks.  
 dist., with an old overgrown blaze with no marks,  
 dating back to the year of the original survey.

A cedar, 10 ins. diam., bears N. 60° E., 45 lks. dist.,  
 mkd. T 23 N R 31 E S 21 B T.

An oak, 4 ins. diam., bears S. 75° 45' E., 107 lks. dist.,  
 mkd. T 23 N R 31 E S 28 B T.

A cedar, 11 ins. diam., bears S. 85° W., 20 lks. dist.,  
 mkd. T 23 N R 31 E S 29 B T.

An oak, 7 ins. diam., bears N. 1° W., 135 lks. dist.,  
 mkd. T 23 N R 31 E S 20 B T.

Land, broken and valley.  
 Soil, sandy clay loam; 2nd rate.  
 Timber, scrub pinon and cedar with some pine.

From the cor. of secs. 21, 22, 27, and 28.  
 S. 88° 52' W., bet. secs. 21 and 28.  
 Over broken mesa top, through dense scrub timber.

9.50 Rim of mesa, bears NNE. and SSW.; desc. 275 ft.  
 17.00 Base of slope and enter open valley, bears NNE. and SSW.  
 25.00 Road, bears NNE. and SSW.  
 27.50 Arroyo, 50 lks. wide, course SSW.  
 32.50 Arroyo, 10 lks. wide, course SE.  
 34.00 Leave valley and asc. 300 ft. through scrub timber, bears NW. and SE.  
 40.19 At proportionate point.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
 for the  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 21
	S 28
	1940

from which

A pinon, 7 ins. diam., bears N. 22° E., 45 lks.  
 dist., mkd.  $\frac{1}{4}$  S 21 B T.

A pinon, 7 ins. diam., bears S. 14° E., 42 lks.  
 dist., mkd.  $\frac{1}{4}$  S 28 B T.

Resurvey of Portion of Subdivision of T. 23 N., R. 31 E.

Chains

47.50 Top of mesa, bears NW. and SE.; over slightly broken top.

68.00 Rim of mesa, bears NW. and SE.; desc. 350 ft.

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

Land, broken mesas and valleys.

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

Timber, scrub pinon and cedar.

Subdivision of Sec. 33

From the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33 on the S. bdy. of the Tp., as described in the notes of the resurvey of T. 22 N., R. 31 E. N. 0° 13' E., on the N. and S. line, through center of sec. 33. Over open valley of Rio Puerco.

1.32 Main line of the A. T. & S. F. Railway, as double tracked, bears N. 32° 00' E., and S. 32° 00' W.

2.73 Telegraph line and railroad right of way fence, parallel to railroad.

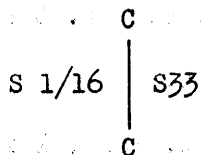
4.70 U. S. oiled highway No. 66, parallel to railroad.

5.54 Highway right of way fence, parallel to railroad.

7.10 Left bank of arroyo, 30 ft. deep, course SSE.

8.90 Right bank of arroyo, 30 ft. high.

19.92 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the S. center  $\frac{1}{16}$  sec. cor., with brass cap mkd.



1940

raise a mound

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

23.10 Telephone line, bears NE. and SW.

32.80 Leave valley; asc. 225 ft. bears nearly E. and W.

37.00 Top of sandstone hill; along W. side.

39.84 The true point for the center  $\frac{1}{4}$  sec. cor. falls on cliff.

At a point on E. and W. center line, 60 lks. N. 89° 09' E., of this point.

Subdivision of Sections, T. 23 N., R. 31 E.

Chains

Set a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in cement, on exposed sandstone, for the witness center  $\frac{1}{4}$  sec. cor., with brass cap mkd.

W C  $\frac{1}{4}$  C S 33  
1940

raise a mound

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

42.50 Approximate center of small Indian ruins; desc. gradually about 200 ft. from top, bears nearly E. and W.

59.89 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to cap, for the N. center  $1/16$  sec. cor., with brass cap mkd.

C  
N  $1/16$  | S33  
C  
1940

75.00 Foot of slope and enter valley, bears NW. and SE.

79.40 Right bank of arroyo, course S. of E.

79.94 The true point for the  $\frac{1}{4}$  sec. cor., in arroyo.

From the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.  
S.  $89^{\circ} 09'$  W., on E. and W. line, through center of sec. 33.  
Over open valley land.

12.45 Road, bears NW. and SE.

14.00 Railroad right of way fence, parallel to railroad.

14.90 Telegraph line, parallel to railroad.

15.70 A. T. & S. F. Railway, as double tracked, bears N.  $32^{\circ} 00'$  E., and S.  $32^{\circ} 00'$  W.

16.80 Telegraph line, parallel to railroad.

17.50 Railroad right of way fence, parallel to railroad.

17.90 Telegraph line, parallel to railroad.

20.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the E. center  $1/16$  sec. cor., with brass cap mkd.

## Subdivision of Sections, T. 23 N., R. 31 E.

Chains	
	$C \frac{E \ 1/16}{S \ 33} C$ 1940
	from which
	E. side of new state inspection station (as yet un- completed) bears S. 37° 18' W., 455 lks. dist.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
21.20	U. S. oiled highway No. 66, on curve from about N. 35° E., to S. 28° W.
28.30	Telephone line, bears NE. and SW.
34.40	Left bank of arroyo, 30 ft. deep, course SW.
35.60	Right bank of arroyo, 30 ft. high, course SW.; leave valley and asc. 250 ft.
39.42	Top of sandstone hill; the witness center ¼ sec. cor.
40.02	The true point for the center ¼ sec. cor. falls on cliff, bears NW. and SE.; desc. 225 ft.
45.40	Foot of hill and enter rolling land, bears NW. and SE.
76.30	Arroyo, 10 lks. wide, 10 ft. deep, course SE.
76.70	Road, bears NW. and SE.
79.88	The ¼ sec. cor. of secs. 32 and 33.
	<hr/> From the E. 1/16 sec. cor. of secs. 4 and 33 on the S. bdy. of Tp., as described in the notes of the resurvey of T. 22 N., R. 31 E. N. 0° 13' E., on N. and S. line, through center SE¼ of sec. 33. Over valley of the Rio Puerco.
3.00	Water course of the Rio Puerco, a sandy bed, 4 chs. wide, course SW.
6.00	N. bank of the Rio Puerco, 20 ft. high, course SW.
19.94	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the SE. 1/16 sec. cor., with brass cap mkd.
	$SE \ 1/16 \ S \ 33$ 1940
	raise a mound
	of stone, 2 ft. base, 1½ ft. high, W. of cor.
30.00	Railroad right of way fence, parallel to railroad.
31.70	Telegraph line, parallel to railroad.

## Subdivision of Sections, T. 23 N., R. 31 E.

Chains	
32.00	A. T. & S. F. Railway, as double tracked, bears N. 32° 00' E., and S. 32° 00' W.
33.50	Lupton railroad station, bears West, 2 $\frac{1}{2}$ lks. dist.
34.60	Telegraph line, parallel to railroad.
37.70	Telegraph line, parallel to railroad.
38.90	Railroad right of way fence, parallel to railroad.
39.88	The E. center 1/16 sec. cor.
	_____
	N. 0° 13' E., on N. and S. line, through center NE $\frac{1}{4}$ of sec. 33. Over open valley land.
2.50	U. S. oiled highway No. 66, parallel to railroad.
7.50	Left bank of wash, 20 ft. deep, course SW.
10.70	Right bank of wash, 20 ft. high, course SW.
12.60	Telephone line, bears NE. and SW.
20.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the NE. 1/16 sec. cor., with brass cap mkd.
	NE 1/16 S 33 1940
	raise a mound
	of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
29.00	Right bank of wash, 20 ft. deep, course SE.
35.80	Left bank of wash, 20 ft. high, course SE.
40.00	The E. 1/16 sec. cor. of secs. 28 and 33.
	_____
	From the S. 1/16 sec. cor. of secs. 33 and 34. S. 89° 14' W., on E. and W. line, through center SE $\frac{1}{4}$ of sec. 33. Over valley of the Rio Puerco.
5.00	Stream bed of the Rio Puerco, 4 chs. wide, course SW.
15.30	Bank of the Rio Puerco, 20 ft. high, course SSW. from the NE.
19.99	The SE. 1/16 sec. cor.
26.38	Railroad right of way fence, parallel to railroad.
27.30	Telegraph line, parallel to railroad.
28.40	A. T. & S. F. Railway, as double tracked, bears N. 32° 00' E., and S. 32° 00' W.
29.18	Telegraph line, parallel to railroad.

ECCOCK 4285

## Subdivision of Sections, T. 23 N., R. 31 E.

Chains	
29.78	Railroad right of way fence, parallel to railroad.
30.48	U. S. oiled highway No. 66, bears N. 30° E., and S. 30° W.
31.78	Highway right of way fence, parallel to highway.
35.30	Left bank of arroyo, 15 ft. deep, course S. from NE.
36.30	Right bank of arroyo, 15 ft. high, course S.
39.99	The S. center 1/16 sec. cor.
	—————
	From the N. 1/16 sec. cor. of secs. 33 and 34.
	S. 89° 14' W., on E. and W. line, through center NE $\frac{1}{4}$ of sec. 33.
	Over open valley land.
2.50	Telegraph line, parallel to railroad.
3.30	A. T. & S. F. Railway, as double tracked, bears N. 32° 00' E., and S. 32° 00' W.
4.20	Telegraph line, parallel to railroad.
4.80	Telegraph line, parallel to railroad.
4.90	Railroad right of way fence, parallel to railroad.
6.10	U. S. oiled highway No. 66, bears N. 30° E., and S. 30° W.
10.50	Road, bears NW. and SE.
11.50	Left bank of arroyo, 20 ft. deep, course SE.
14.40	Same left bank of arroyo, 20 ft. deep, course NE.
15.00	Same left bank of arroyo, 20 ft. deep, course SE., and telephone line bears NE. and SW.
18.60	Right bank of wash, 25 ft. deep, course SE. from nearly N.
20.00	The NE. 1/16 sec. cor.
30.00	Leave valley, bears NW. and SE.; asc. 110 ft.
40.00	The N. center 1/16 sec. cor.



General Description of T. 23 N., R. 31 E.

The area embraced within the resurveyed portion of this township consists of broken mesas with wide open valleys. The mesas are of sandstone formation with many cliffs forming the top rims. The valleys are quite wide and are mostly open and quite level. The rough areas are covered with a growth of scrub pinon and cedar.

The Rio Puerco is a wide sandy water course in deep earthen banks. The stream bed was dry at the time of the resurvey. It flowed southwesterly through the southeast portion of the resurveyed area. The main line of the A. T. & S. F. Railway follows the valley of the Rio Puerco. The station of Lupton is in sec. 33.

Quite a few Indians live within the area.

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4-680  
(Revised May 1984)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4235

FIELD ASSISTANTS

NAMES	CAPACITY
<u>Glenn R. Haste</u>	
Jesse L. Gassman	Principal Assistant
Paul Spencer	Chairman
David C. Oxley, Jr.	Axeman
David H. Gaylor	Cornerman
Blair Batson	Cornerman
Lewis A. Penwright	Flagman
<u>John W. Berberich</u>	
Gifford P. Neis	Principal Assistant
Blas Garcia	Chairman
Elmo Bell	Chairman
Leslie L. Watson, Jr.	Axeman
Luis A. Lucero	Flagman
Henry T. McKenzie	Truck Driver

BOOK 4000

CERTIFICATE OF SURVEYOR

I, We, Glenn R. Haste, Cadastral Engineer, 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 a portion of the Subdivision of Township 23 North, Range 31 East, with Subdivision of Sec. 33,

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by ~~me~~<sup>us</sup> and under ~~my~~<sup>our</sup> 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,  
October 1, 1940

Glenn R. Haste  
Cadastral Engineer  
John W. Berberich  
Public Land Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
Denver, Colorado, March 27, 1941, 1940

The foregoing field notes of the ~~survey of~~ resurvey of a portion of the Subdivision of Township 23 North, Range 31 East, with Subdivision of Sec. 33,

executed by Glenn R. Haste, Cadastral Engineer, 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.

*Wm. A. Johnson*  
Supervisor of Surveys.

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 on file in the public survey office.

Supervisor of Surveys.