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4-679
(April 1933)

4 P.M. Lind
R. 14 E

FIELD NOTES

OF THE

BOOK 4383

Dependent Resurvey of the Fifth Standard Parallel North Along a
Portion of the North Boundary of Township 20 North, Range 14 East,
and Along the South Boundary of Township 21 North, Through Ranges 14,
15, 16, 17, 18, 19, 20, 21, 22, 30, and a Portion of 23, 25 and 31 East.

and the

North and West Boundaries of Township 21 North, Range 26 East, and the
North and a Portion of the East Boundaries of Township 21 North,
Range 27 East,

and a

Portion of the State Boundary Line between Arizona and New Mexico,

Of the Gila and Salt River Meridian,

In the State of Arizona.

EXECUTED BY

Ty White, Cadastral Engineer,

Bureau of Land Management,

Under special instructions dated April 4, 1941, which provided
for the surveys included under Group No. 237, bearing the approval of the
Commissioner of the General Land Office under date of May 8, 1941
and assignment instructions dated May 1, 1947.

Survey commenced June 11, 1947

Survey completed November 10, 1947

4383

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Fifth Standard Parallel North

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ARIZONA-NEW MEXICO STATE BOUNDARY

119 M
63
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124 M
67
125 M
67
126 M
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127 M
68
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127 M
Ariz.-N. Mex. State Bdy.

The following field note record describes the dependent resurvey of the Fifth Standard Parallel North from the northwest corner of T. 20 N., R. 14 E. to the standard corner of secs. 33 and 34, T. 21 N., R. 23 E.; from the standard corner of secs. 33 and 34, T. 21 N., R. 25 E., to the standard corner of Tps. 21 N., Rs. 25 and 26 E. and from the standard corner of Tps. 21 N., Rs. 29 and 30 E. through ranges 30 and 31 E. to the point of intersection with the Arizona-New Mexico State boundary line. The Arizona-New Mexico State boundary line from Mi. Cor. No. 119 to Mi. Cor. No. 128. The north and west boundaries of T. 21 N., R. 26 E. and the north boundary and the north two miles of the east boundary of T. 21 N., R. 27 E.

The resurvey was initiated on the request of the Grazing Service.

Preliminary to the resurvey the lines of the original survey are retraced and diligent search is made for all corners and other calls of the record. Identified corners are monumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based upon the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was made with a Buff light mountain solar transit No. 16724, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, and having been placed in satisfactory adjustment prior to the beginning of the survey, was tested and found free from appreciable error.

All azimuths in this record were determined by solar transit method. The measurements were made with a narrow steel tape, 5 chains in length, graduated every link for the first 100 links and the remainder at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in this field note record.

June 10, 1947, at camp near the corner of secs. 5, 6, 31 and 32, Tps. 19 and 20 N., R. 16 E., in latitude $35^{\circ} 05' N.$ and longitude $110^{\circ} 40' 48'' W.$, elevation approximately 5,000 ft., at 7h 19m 19s p.m. l.m.t., I make an hour angle observation of Polaris west 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 top of a dead cottonwood tree approximately 30 chains northerly, west to Polaris. My watch reads correct Mountain Standard Time as checked by radio time signals.

Mean watch time of observation	7h 42m 07s
Watch fast of l.m.t.	0h 22m 48s
Mean horizontal deflection angle	$0^{\circ} 24' 00''$
Azimuth of Polaris	$0^{\circ} 22' 24''$
True bearing of reference point	N. $0^{\circ} 01' 36'' E.$
Mean observed vertical angle	$34^{\circ} 09' 48.7''$
Reduced latitude	$35^{\circ} 05' 05.9'' N.$

July 25, 1947, at camp near the cor. of secs. 11, 12, 13 and 14, T. 21 N., R. 27 E., in latitude $35^{\circ} 13' N.$ and longitude $109^{\circ} 26' 33'' W.$, elevation approximately 6,000 ft., at 7h 07m 34s p.m., l.m.t., I make an hour angle observation of Polaris east of the meridian for azimuth and

Chains

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 edge of a juniper tree on the skyline approximately 2 miles northerly, east to Polaris. My watch reads correct Mountain Standard Time as checked by radio time signals.

Mean watch time of observation	7h 25m 22s
Watch fast of l.m.t.	0h 17m 48s
Mean horizontal deflection angle	0° 28' 22.5"
Azimuth of Polaris	0° 28' 06.0"
True bearing of reference point	N. 0° 00' 16.5" W.
Mean observed vertical angle	34° 20' 07.5"
Reduced latitude	35° 13' 36.1" N.

June 14, 1947, on the meridian established by Polaris observation June 10, 1947 at half hour intervals from 8:00 a.m. to 4:00 p.m., I make orientation tests of Buff solar transit No. 16724, including tests by noon observation. The tests give a maximum error in orientation of less than 1' 30".

The geographic position for the standard corner of secs. 34 and 35, T. 21 N., R. 16 E. as computed from a tie to U. S. Coast and Geodetic station "Arroyo" in sec. 2, T. 20 N., R. 16 E. is as follows:

Latitude 35° 10' 12" N. Longitude 110° 37' 12" W.

The magnetic declination is 14²° E.

Dependent Resurvey of the 5th Stan. Par. N.,
N. Bdy. T. 20 N., R. 14 E.

Reestablishment of the Survey Executed by
O. D. Wheeler, Deputy Surveyor in 1882.

Beginning at the NW. cor. of T. 20 N., R. 14 E., which is monumented with an iron post, 3 ins. diam., firmly set in the ground with brass cap mkd.

T 21 N
R 14 E
S 31

S 6
T 20 N
R 14 E

1917

This corner is situated near a fence corner, from which fences extend southerly and easterly.

S. 89° 47' E., along the N. bdy. of sec. 6, T. 20 N., R. 14 E.

Over rolling land, through scattering low undergrowth.

19.72 Point for the standard corner of T. 21 N., R. 14 E., at proportionate distance; there is no remaining evidence of the original corner.

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

Dependent Resurvey of the 5th Stan. Par. N.,
N. Bdy. T. 20 N., R. 14 E.

Chains

	S C	
	T 21 N	
R 13 E	R 14 E	
	S 31	

1947

raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.

Corner is located under an E-W fence.

Dependent Resurvey of the 5th Stan. Par. N.,

S. Bdy. T. 21 N., R. 14 E.
Reestablishment of the Survey Executed by

O. D. Wheeler, Deputy Surveyor in 1882.

From the standard corner of sec. 31, T. 21 N., R. 14 E.

S. 89° 47' E., along the S. bdy. of sec. 31.

Over gently rolling land.

40.25 Point for the standard ¼ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

	S C	
	¼ S 31	

1947

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

An E-W fence, bears N., 3 lks. dist. from the cor.

80.50 Point for the standard cor. of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

	S C	
	T 21 N R 14 E	
	S 31 S 32	

1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

An E-W fence, bears N., 3 lks, dist. from cor.

Land, gently rolling.

Soil, adobe with gravel.

Timber, none; undergrowth, sparse growth of low desert brush.

Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21.N., R. 14 E.

Chains	<p>S. 89° 47' E., along the S. bdy. of sec. 32.</p> <p>Over rolling land.</p> <p>4.40 Wash, 10 lks. wide, 1 ft. deep, course N.</p> <p>40.25 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S C $\frac{1}{4}$ S 32 ----- 1947</p> <p>raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.</p> <p>An E-W fence, bears N., 3 lks. dist. from cor.</p> <p>76.40 Low ridge, bears N. and S.</p> <p>80.50 The standard cor. of secs. 32 and 33, mkd. by a sandstone, 24x14x6 ins.; lying on top of a mound of earth, mkd. 2 grooves on W. and 4 grooves on E. faces.</p> <p>At the corner point.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S C T 21 N R 14 E S 32 S 33 ----- 1947</p> <p>raise a mound of stone, 2 ft. base; 1$\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.</p> <p>An E-W fence, bears N., 2 lks. dist. from cor.</p> <p>Land; rolling. Soil, adobe and gravel. Timber, none; undergrowth, sparse growth of low desert brush. Fair growth of native grass.</p> <p>-----</p> <p>S. 89° 53' E., along the S. bdy. of sec. 33</p> <p>Over gently rolling land.</p> <p>Descend gradual E. slope.</p> <p>10.00 Foot of slope; thence over nearly level land.</p> <p>40.01 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.</p>
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Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 14 E.

Chains

S C
¼ S 33

1947

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

An E-W fence, bears S. 10 lks. dist. from cor.

80.02 Point for the standard cor. of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

S C
T 21 N R 14 E
S 33 | S 34

1947

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

An E-W fence, bears S., 20 lks. dist. from cor.

Land, rolling.

Soil, adobe.

Timber, none; undergrowth, low desert brush.

Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 34.

Over rolling land.

Ascend gradual W. slope.

18.00 Foot of ascent of a low ridge, bears N. and S.; asc. 59 ft. over a W. slope.

34.60 Top of a low ridge, bears N. and S.; desc. 11 ft. over an E. slope.

35.85 Foot of descent; asc. 37 ft. over a W. slope.

38.50 Top of a hill, bears N. and S.; desc. 34 ft. over an E. slope.

40.01 Point for the standard ¼ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

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

S C
¼ S 34

1947

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

From the cor. U. S. Coast and Geodetic station "Mesa Spur", bears N. 84° 04' W., 1.588 chs. dist. and is mkd. by a brass tablet seated in a concrete block, mkd. Mesa Spur 1936.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 14 E.

Chains	
	<p>The geographic position of the cor. as computed from the tie to the U. S. Coast and Geodetic station "Mesa Spur" is latitude 35° 10' 13" N., longitude 110° 50' 27" W.</p> <p>Cor. is 27 lks. N. of E-W fence.</p> <p>Continue over rolling land.</p>
80.02	<p>Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground with brass cap mkd.</p> <div style="text-align: center;"> <p>S C T 21 N R 14 E S 34 S 35 ----- 1947</p> </div> <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Corner is 39 lks. N. of E-W fence.</p> <p>Land, rolling. Soil, adobe; hills and ridges gravelly and rocky. Timber, none; under growth, low desert brush. Fair growth of native grass.</p>

	<p>S. 89° 53' E., along the S. bdy. of sec. 35.</p> <p>Over rolling land.</p>
35.00	<p>Begin gradual ascent of a low ridge.</p>
40.01	<p>Point for the standard ¼ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S C ¼ S 35 ----- 1947</p> </div> <p>raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.</p> <p>Corner is 49 lks. N. of E-W fence.</p> <p>Continue ascent of low ridge.</p>
53.50	<p>Top of low ridge, bears N. and S.; desc. gradual E. slope.</p>
72.50	<p>Foot of descent, bears N. and S.</p>
76.05	<p>Wash, 15 lks. wide, 4 ft. deep, course N.</p>
80.02	<p>Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 14 E.

Chains

S C
T 21 N R 14 E

S 35 | S 36

1947

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

Corner is 57 lks. N. of E-W fence.

Land, rolling.

Soil, adobe with gravel.

Timber, none; undergrowth, low desert brush.

Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 36.

Over rolling land.

6.45 Wash, 10 lks. wide, 2 ft. deep, course N.; asc. gradual W. slope of a low ridge.

11.25 Low ridge, bears N. and S.; desc. 68 ft. over an E. slope.

26.00 Foot of descent; thence over gently rolling land.

40.01 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no evidence remaining of the original corner.

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

1947

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

Corner is 67 lks. N. of E-W fence.

80.02 Point for the standard corner of Tps. 21 N., Rs. 14 and 15 E., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N
R. 14 E | R 15 E

S 36 | S 31

1947

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

Corner is 73 lks. N. of E-W fence.

Land, rolling.

Soil, adobe and clay with gravel.

Timber, none; undergrowth, low desert brush.

Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 15 E.

Reestablishment of the Survey Executed by
O. D. Wheeler, Deputy Surveyor in 1882.

Chains	<p>S. 89° 53' E., along the S. bdy. of sec. 31, T. 21 N., R. 15 E.</p> <p>Over nearly level land.</p>
20.00	Enter a dry lake, bears N. and S.
40.01	<p>Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins in the ground, with brass cap mkd.</p> <p style="text-align: center;">S C <u>$\frac{1}{4}$ S 31</u> 1947</p> <p>raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>Corner is 82 lks. N. of E-W fence.</p> <p>Continue across dry lake.</p>
80.02	<p>Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S C T 21 N R 15 E <u>S 31 S 32</u> 1947</p> <p>raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>Corner is 89 lks. N. of E-W fence.</p> <p>Land, nearly level. Soil, adobe. Timber, none; undergrowth, low desert brush; in dry lake, none.</p> <p>-----</p> <p>S. 89° 53' E., along the S. bdy. of sec. 32.</p> <p>Across a dry lake.</p>
35.50	Leave dry lake, bears N. and S.; thence over a sand ridge.
40.01	<p>Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S C <u>$\frac{1}{4}$ S 32</u> 1947</p>

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 15 E.

Chains

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

Corner is 98 lks. N. of E-W fence.

80.02 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 15 E
S 32 | S 33

1947

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

Corner is 105 lks. N. of E-W fence.

Land, across dry lake, nearly level; remainder rolling.
Soil, adobe in flats; ridges, sand.
Timber, none; undergrowth, low desert brush.
Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 33.

Over rolling land of adobe flats and sand ridges.

21.90 Road, bears N. and S.

40.01 Point for the standard ¼ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S C
¼ S 33

1947

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

Corner is 112 lks. N. of E.-W. fence.

52.00 Low sand ridge, bears SW. and NE.

80.02 Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 15 E
S 33 | S 34

1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Corner is 120 lks. N. of E-W fence.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 15 E.

Chains

From this point, a corner on the line between Navajo and Coconino Counties, bears N. 89° W., 3.98 chs. dist. and is marked by an iron post, 3 ins. diam., 6 ins. above ground, with brass cap mkd..



Land, rolling.
Soil, sandy loam and adobe.
Timber, none; undergrowth, low desert brush.
Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 34.

Over gently rolling land.

17.85 Wash, 10 lks. wide, 1 ft. deep, course N.

40.01 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 34
1947

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

Corner is 134 lks. N. of E-W fence.

55.05 Road, bears N. and S.

80.02 Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC
T 21 N R 15 E
S 34 | S 35
1947

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

Corner is 137 lks. N. of E-W fence.

Land, gently rolling.
Soil, sandy loam and adobe.
Timber, none; undergrowth, low desert brush.
Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 35.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 15 E.

BOOK 4302

Chains	Over nearly level land, across the valley of the Little Colorado River.
40.01	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 35 \\ \hline 1947 \end{array}$ <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Corner is 147 lks. N. of E-W fence.</p>
80.02	Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{S C} \\ \text{T 21 N R 15 E} \\ \hline \text{S 35 S 36} \\ \hline 1947 \end{array}$ <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Corner is 150 lks. N. of E-W fence. Land, nearly level. Soil, sandy loam and adobe. Timber, none; undergrowth, low desert brush.</p> <p>-----</p> <p>S. 89° 53' E., along the S. Bdy. of sec. 36. Over nearly level land.</p>
16.50	Old road, bears N. and S.
18.00	Wash, 15 lks. wide, course N.
26.60	Road, bears NW. and SE.
29.00	Wash, 30 lks. wide, 2 ft. deep, course N.; enter scattering cottonwood timber, bears NE. and SE.
35.20	Road, bears N. and S.
37.30	Wash, 20 lks. wide, 4 ft. deep, course N.
40.01	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 36 \\ \hline 1947 \end{array}$ <p>from which</p>

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 15 E.

Chains

A cottonwood, 36 ins. diam., bears N. 50° E., 237 lks. dist., mkd. $\frac{1}{4}$ S 36 S C B T.

A cottonwood, 30 ins. diam., bears N. 59 $\frac{1}{4}$ ° W., 304 lks. dist., mkd. $\frac{1}{4}$ S 36 S C B T.

Corner is 156 lks. N. of E-W fence.

Across bottom land of the little Colorado River, through scattering cottonwood timber.

70.52 Point for the witness standard corner of Tps. 21 N., Rs. 15 and 16 E.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

	S	C	
	T. 21 N.		
R 15 E	R	16 E	
	S 36	S 31	W C
	1947		

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

Witness corner is 150 lks. N. of E-W fence.

71.24 Left bank of the Little Colorado River, 9 ft. high, bears N. 20° E. and S. 20° W.; thence across the dry bed of the river.

80.02 True point for the standard corner of Tps. 21 N., Rs. 15 and 16 E., at proportionate distance, falls in the main channel of the river; there is no remaining evidence of the original corner.

Land, nearly level bottom land.

Soil, sandy loam, some alkali land.

Timber, scattering cottonwood; undergrowth, arrow weed, rabbit brush and salt brush.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 16 E.

Reestablishment of the Survey Executed by
J. L. Harris, Deputy Surveyor in 1879.

S. 89° 53' E., along the S. bdy. of sec. 31, T. 21 N.,
R. 16 E.

Across dry sandy river bed.

16.00 Right bank of the Little Colorado River, 5 ft. high, bears N. and S.; thence across bottom land of shifting sand dunes and shallow channels cut by the river in flood stage.

40.01 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 16 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC

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

1947

from which

A cottonwood, 18 ins. diam., bears N. $88\frac{3}{4}^{\circ}$ W., 480 lks. dist., mkd. $\frac{1}{4}$ S 31 S C B T.

A cottonwood, 12 ins. diam., bears N. $25\frac{1}{4}^{\circ}$ W., 536 lks. dist., mkd. $\frac{1}{4}$ S 31 S C B T.

56.70 Right bank of Little Colorado River, 5 ft. high, bears S. 20° W. and N. 40° E.; thence across river bed in bend.

67.70 Right bank of Little Colorado River, 5 ft. high, bears N. 70° W. and S. 70° E.; thence across nearly level land.

80.02 Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C

T 21 N R 16 E

S 31 | S 32

1947

from which

A cottonwood, 20 ins. diam., bears N. $42\frac{3}{4}^{\circ}$ E., 335 lks. dist., mkd. T 21 N R 16 E S 32 S C B T.

A cottonwood, 14 ins. diam., bears N. $64\frac{1}{4}^{\circ}$ W., 363 lks. dist., mkd. T 21 N R 16 E S 31 S C B T.

Corner is 157 lks. N. of E-W fence.

Land, nearly level.

Soil, sandy.

Timber, scattering cottonwood; undergrowth, arrow weed, rabbit brush and salt brush.

S. $89^{\circ} 53'$ E., along the S. bdy. of sec. 32.

Over nearly level river bottom land:

5.00 Leave timber, bears N. and S.

13.00 Center of old channel of the Little Colorado River, course N.

15.00 Road, bears N. and S.

15.65 Cut bank, 11 ft. high, bears N. and S.; leave river bottom enter bench land.

40.01 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC

1/4 S 32

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is 168 lks. N. of E-W fence.

48.80 Wash, 1 ch. wide, 6 ft. deep, course N. 10° W.

56.20 Begin the gradual ascent of the W. slope of a low ridge.

60.00 Low ridge, bears N. and S.; desc. gradual E. slope.

63.80 Wash, 20 lks. wide, 2 ft. deep, course SW.

69.50 Wash, 20 lks. wide, 3 ft. deep, course S.

76.80 Wash, 40 lks. wide, 3 ft. deep, course SW.

80.02 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC

T 21 N R 16 E

S 32 | S 33

1947

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

Corner is 161 lks. N. of E-W fence.

Land, W. 60.00 chs. nearly level; remainder of mile gently rolling.

Timber, W. 5.00 chs. of mile scattering cottonwoods, remainder of mile, none; undergrowth, sparse low brush. Fair growth of native grass.

S. 89° 53' E., along the S. bdy. of sec. 33.

Over nearly level land.

8.35 Wash, 50 lks. wide, 4 ft. deep, course SW.

40.01 Point for the standard 1/4 sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC

1/4 S 33

1947

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

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy, T, 21 N., R. 16 E.

Chains	<p>Corner is 154 lks. N. of E-W fence.</p> <p>Continue over nearly level land.</p>
80.02	<p>Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> S C T 21 N R 16 E S 33 S 34 ----- 1947 </p> <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p>
	<p>Corner is 144 lks. N. of E-W fence.</p> <p>Land, nearly level.</p> <p>Soil, clayloam.</p> <p>Timber, none; undergrowth, very sparse low brush. Fair growth of native grass.</p> <p>-----</p> <p>S. 89° 53' E., along the S. bdy. of sec. 34.</p> <p>Over nearly level land.</p>
27.00	<p>Wash, 10 lks. wide, 1 ft. deep, course N.</p>
40.01	<p>The standard ¼ sec. cor. of sec. 34, which is marked by a sandstone, 12x8x4 ins., mkd. ¼, lying on top of the ground.</p> <p>At the corner point:</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> SC ¼ S 34 ----- 1947 </p> <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone alongside the iron post.</p> <p>Corner is 135 lks. N. of E-W fence.</p> <p>-----</p> <p>N. 89° 46' E., beginning new measurement.</p>
29.70	<p>Center of an arroyo, 3 chs. wide, 10 ft. deep, course S.</p>
40.15	<p>Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> S C T 21 N R 16 E S 34 S 35 ----- 1947 </p>

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 16 E.

Chains

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

The U. S. Coast and Geodetic station "Arroyo" bears S. 75° 31' W., 5.36 chs. dist. and is monumented with a brass tablet, seated in a concrete block, mkd. Arroyo 1936.

The geographic position of the corner as computed from the tie to the U. S. Coast and Geodetic station "Arroyo" is Latitude 35° 10' 12" N. and Longitude 110° 37' 12" W.

The corner is 146 lks. N. of E-W fence.

Land, nearly level.

Soil, clay loam.

Timber, none; undergrowth, sparse growth of low brush.

Fair growth of native grass.

N. 89° 46' E.; along the S. bdy. of sec. 35.

Over nearly level land.

5.10 Wash, 15 lks. wide, 1 ft. deep, course SW.

40.15 Point for the standard ¼ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC

¼ S. 35

1947

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

Corner is 155 lks. N. of E-W fence.

80.30 Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC

T 21 N R 16 E

S 35 | S 36

1947

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

Corner is 164 lks. N. of E-W fence.

Land, gently rolling.

Soil, clay loam.

Timber, none; undergrowth, low brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 16 E.

BOOK 4388

Chains

N. 89° 46' E., along the S. bdy. of sec. 36.

Over rolling land.

11.25 Wash, 10 lks. wide, 1 ft. deep, course N.

40.15 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

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

Corner is 173 lks. N. of E-W fence.

80.30 Point for the standard corner of Tps. 21 N., Rs. 16 and 17 E, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC
T 21 N.
R 16 E R 17 E

S 36 | S 31

1947

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

Corner is 171 lks. N. of E-W fence.

Land, rolling.

Soil, clay loam and sandy.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. of T. 21 N., R. 17 E.

Reestablishment of the Survey Executed by
O. D. Wheeler, Deputy Surveyor in 1882.

N. 89° 46' E., along the S. bdy. of sec. 31, T. 21 N.,
R. 17 E.

Over rolling land.

39.65 Point for the witness standard $\frac{1}{4}$ sec. cor. of sec. 31.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 17 E.

Chains	
	$\begin{array}{r} \text{SC} \\ \frac{1}{4} \text{ S } 31 \\ \hline \text{WC} \\ 1947 \end{array}$ <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Witness corner is 171 lks. N. of E-W fence.</p>
40.15	True point for the standard ¼ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner. Corner falls in a wash, 10 lks. wide, course S.
48.00	Wash, 30 lks. wide, 5 ft. deep, course S.
62.50	Wash, 150 lks. wide, course SW.
80.30	Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \text{SC} \\ \text{T } 21 \text{ N } \text{R. } 17 \text{ E} \\ \text{S } 31 \text{ } \text{S } 32 \\ \hline 1947 \end{array}$ <p>raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Corner is 163 lks. N. of E-W fence.</p> <p>Land, rolling. Soil, sandy. Timber, none; undergrowth, low desert brush. Fair growth of native grass.</p> <p>-----</p> <p>N. 89° 46' E., along the S. bdy. of sec. 32.</p> <p>Over rolling land.</p>
22.60	Begin gradual ascent of the W. slope of a sand ridge.
26.75	Top of a low sand ridge, bears N. and S.; desc. gradual E. slope.
34.00	Foot of slope.
40.15	The standard ¼ sec. cor. of sec. 32, marked by a mound of stone, 3 ft. base, 10-ins. high. The marked stone was not found.
	At the corner point.
	Set an iron post, 3 ft. long, .1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \text{SC} \\ \frac{1}{4} \text{ S } 32 \\ \hline 1947 \end{array}$ <p>raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.</p>

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 17 E.

Chains	S. 89° 57' E., beginning new measurement.
31.10	Wash, 10 lks. wide, course S.
40.21	The standard corner of secs. 32 and 33, marked by a limestone, 14x4x4 ins., lying on top of the ground, mkd. 4 grooves on E. and 2 grooves on W. faces.
	At the corner point.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.
	S C T 21 N R 17 E S 32 S 33 ----- 1947
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone along side the iron post.
	Corner is 160 lks. N. of E-W fence.
	Land, rolling.
	Soil, sandy, some adobe.
	Timber, none; undergrowth, low desert brush.

	S. 89° 54' E., along the S. bdy. of sec. 33.
	Over rolling land.
	Ascend a gradual W. slope.
2.80	Top of a low ridge, bears N. and S.; desc. a gradual E. slope.
6.00	Foot of the slope.
40.12	The standard ¼ sec. cor. of sec. 33 which is marked by a sandstone, 8x8x4 ins. set in a mound of stone, mkd. ¼ on N. face.
	At the corner point.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	SC ¼ S 33 ----- 1947
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone alongside the iron post.
	Corner is 135 lks. N. of E-W fence.

	East, beginning new measurement.
1.70	Wash, 20 lks. wide, 3 ft. deep, course SW.
27.60	Recross wash, course NW.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy..T. 21 N., R. 17 E.

Chains
40.10

Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

S C
T 21 N R 17 E
S 33 | S 34
1947

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

Corner is 122 lks. N. of E-W fence.

Land, rolling.

Soil, sandy, clay with some gravel.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

East, along the S. bdy. of sec. 34.

Over rolling land.

19.20 Low sand ridge, bears N. and S.

40.10 The standard ¼ sec. cor. of sec. 34, marked by a sandstone, 12x10x8 ins., set in a mound of stone, mkd. ¼ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
¼ S 34
1947

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 110 lks. N. of E-W fence.

S. 89° 59' E., beginning new measurement.

8.50 Wash, 10 lks. wide, 1 ft. deep, course SW.

31.00 Sand ridge, bears N. and S.

40.11 The standard corner of secs. 34 and 35, marked by a sandstone, 10x8x6 ins., firmly set in the ground, mkd. 4 grooves on W. and 2 grooves on E. faces.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 17 E
S 34 | S 35
1947

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 17 E.

Chains

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 97 lks. N. of E-W fence.

Land, gently rolling.

Soil, ridges sandy, adobe flats.

Timber, none; undergrowth, sparse low brush. Fair growth of native grass.

S. $89^{\circ} 54'$ E., along the S. bdy. of sec. 35.

Over rolling land.

6.00 Low sand ridge, bears N. and S.

10.50 Wash, 10 lks. wide, $1\frac{1}{2}$ ft. deep, course SW.

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

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 35 W C
1947

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

38.45 Right bank of wash, 4 ft. high, bears NE. and SW.

40.20 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance which falls in the bed of a wide wash.

44.00 Left bank of wash, 4 ft. high, bears NE. and SW.

56.00 Low sand ridge, bears N. and S.

80.40 The standard corner of secs. 35 and 36 which is marked by a sandstone, $10 \times 8 \times 8$ ins., firmly set in the ground, mkd. 5 grooves on W. and 1 groove on E. faces.

At the corner point,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 17 E.
S 35 | S 36
1947

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside of iron post.

Corner is 64 lks. N. of E-W fence.

Land, rolling.

Soil, sandy.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

Chains

S. 89° 56' E., along the S. bdy. of sec. 36.

Over rolling land.

- 7.20 Center of wash, 1 ch. wide, 4 ft. deep, course NW.
- 18.00 Center of same wash, 1 ch. wide, 4 ft. deep, course SW.
- 25.10 Wash, 30 lks. wide, 3 ft. deep, course NW.
- 40.15 The standard $\frac{1}{4}$ sec. cor. of sec. 36 which is marked by a sandstone, 12x6x4 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

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

 1947

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 46 lks. N. of E-W fence.

S. 89° 48' E., beginning new measurement.

- 22.10 Low sand-ridge, bears N. and S.
- 26.50 Wash, 15 lks. wide, 2 ft. deep, course N.
- 30.90 Wash, 15 lks. wide, 4 ft. deep, course NW.
- 40.12 Point for the standard corner of Tps. 21 N., Rs. 17 and 18 E., at proportionate distance. The original cottonwood post, 3 ins. sq., 3 ft. long, mkd. 6 notches on 3 edges with other markings illegible was found lying on top of the ground, S. 60° 55' E., 3.25 chs. dist. from this point:

Set an iron post, 3 ft. long; 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
 T 21 N
 R 17 E R 18 E
 S 36 | S 31

 1947

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and reset the cottonwood post, inverted and alongside the iron post.

Corner is 92 lks. N. of E-W fence.

Land, rolling.
Soil, sandy with clay subsoil.
Timber, none; undergrowth, low desert brush.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy, T. 21 N., R. 18 E.

Chains

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

S. 89° 48' E., along the S. bdy. of sec. 31, T. 21 N.,
R. 18 E.

Over broken and hilly land.

- 2.70 Wash, 40 lks. wide, 4 ft. deep, course NW.
- 15.00 Enter badlands of red and white clay hills, bears N. and
S.
- 40.12 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at propor-
tionate distance; there is no remaining evidence of the
original corner.
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, with brass cap mkd.

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

1947

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

Corner is 2 chs. N. of fence which runs irregularly E. and
W. through the badlands.

- 47.60 Enter wash, 10 lks. wide, course S. 60° W., from E.
- 50.30 Leave wash, 10 lks. wide, course W. from N. 60° E.
- 51.30 Begin steep ascent of 43 ft. over the SW. slope of a spur.
- 53.65 Top of spur, slopes NW.; thence over a broken NW. slope.
- 80.24 The standard corner of secs. 31 and 32, marked by a sand-
stone, 12x6x6 ins. lying on top of the ground, mkd. 5
grooves on E. and 1 groove on W. faces.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, and in a mound of stone to top, with brass cap
mkd.

S C
T 21 N R 18 E
S 31 | S 32

1947

Bury the original corner stone alongside the iron post.

Corner is situated on top of a sharp spur, slopes NW.

Land, W. 15 chs. rolling, remainder broken and hilly.
Soil, W. 15 chs. sandy, remainder, badlands of red and
white clay.

Timber, none; undergrowth, W. 15 chs. low brush, remain-
der, none.

N. 89° 54' E., along the S. bdy. of sec. 32.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 18 E.

Chains

Over broken and hilly land.
Ascend 96 ft. over a broken NW. slope.
16.00 Ridge, bears N. and S.; desc. 40 ft. over an E. slope.
18.80 Wire fence, bears N. and S.
20.00 Wide draw, drains S.; asc. 28 ft. over a W. slope.
33.00 Ridge, bears N. and S.; desc. 36 ft. over an E. slope.
40.30 The standard $\frac{1}{4}$ sec. cor. of sec. 32, marked by a sandstone, 13x9x7 ins., set in a mound of stone, 2 ft. base, 1 ft. high, mkd. S $\frac{1}{4}$ or N. face.

At the corner point.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 5 lks. S. of E-W fence.

Descend 23 ft. over an E. slope.
S. 89° 57' E., beginning new measurement.

4.70 Wash, 20 lks. wide, 7 ft. deep, course S.; asc. 23 ft. over a W. slope.
10.50 Spur, slopes S.; desc. 29 ft. over an E. slope.
21.60 Road, bears S. to Winslow and N. to Keams Canyon.
26.50 Wash, 30 lks. wide, 3 ft. deep, course SE.
36.50 Wash, 2 chs. wide, 4 ft. deep, course S.
40.21 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 18 E
S 32 | S 33

1947

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

Corner is 3 lks. S. of E-W fence.

Land, broken and hilly.
Soil, sandy and clay;
Timber, none; undergrowth, W. $\frac{1}{2}$ none; E. $\frac{1}{2}$ low brush.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 18 E.

P. 20, 21

Chains	
	S. 89° 57' E., along the S. bdy. of sec. 33. Over broken and hilly land; asc. gradual W. slope.
2.00	Sand ridge, bears N. and S.
33.20	Wash, 10 lks. wide, 3 ft. deep, course SW.
40.21	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., .26 ins. in the ground, with brass cap mkd.
	SC $\frac{1}{4}$ S 33 <hr style="width: 50px; margin: auto;"/> 1947
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Corner is 2 lks. S. of E-W fence.
48.20	Sand ridge, bears N. and S.
53.20	Foot of ascent, bears N. and S.; asc. 34 ft. over a W. slope.
61.00	Enter bench land, bears N. and S.; thence over rolling top of same.
72.20	Wash, 15 lks. wide, 1 $\frac{1}{2}$ ft. deep, course S.
80.42	Point for the standard cor. of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 2 ins. diam., .28 ins. in the ground with brass cap mkd.
	SC T 21 N R 18 E <u>S 33 S 34</u> 1947
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Corner is 1 lk. N. of E-W fence. Land, W. 60 chs. broken and hilly, remainder rolling bench land. Soil, W. 60 chs. ridges, sandy; flats, clay. Timber, none; undergrowth, W. 60 chs. none; remainder, low brush.

	S. 89° 57' E., along the S. bdy. of sec. 34. Over rolling top bench land.
10.70	Wash, 10 lks. wide, course S.
20.90	Wash, 25 lks. wide, 2 ft. deep, course S.
40.21	The standard $\frac{1}{4}$ sec. cor. of sec. 34, marked by a sandstone,

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 18 E.

Chains

8x8x6 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC

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

1947

raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside of the iron post.

Corner is 1 lk. N. of E-W fence.

S. 89° 56' E., beginning new measurement.

24.50 Wash, 10 lks. wide; 1 ft. deep, course SE.

40.14 Point for the standard cor. of secs. 34 and 35, at Proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C

T 21 N R 18 E

S 34 | S 35

1947

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

U. S. Coast and Geodetic Azimuth Mark "IVES", bears S. 77° 35' E., 42.7 lks. dist. and is marked by a brass tablet, 4 ins. diam., seated in the cement foundation of a cattle guard, mkd. IVES 1926.

The corner is 1 lk. N. of E-W fence.

Land, rolling bench.

Soil, sandy.

Timber, none; undergrowth, low brush. Fair growth of native grass.

S. 89° 56' E., along the S. bdy. of sec. 35.

Over rolling bench land.

0.36 Road bears S. to Joseph City and N. to Keams Canyon.

38.55 Leave bench land, bears N. and S.; descend 22 ft. over a steep NE. slope.

40.14 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at Proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21.N., R. 18 E.

BOOK 4300

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.
	SC $\frac{1}{4}$ S 35 <hr/> 1947
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Corner is 4 lks. N. of E-W fence.
	Descend 56 ft. over a steep NE. slope.
44.50	Foot of steep descent; desc. gradual E. slope.
51.45	Wash, 10 lks. wide, course S.
66.65	Sand ridge, bears N. and S.
73.85	Road, bears N. and S.
80.28	The standard corner of secs. 35 and 36, marked by a sandstone, 9x8x5 ins., set in a small mound of stone, mkd. S C on N., 5 grooves on W. and 1 groove on E. faces.
	At the corner point:
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	S C T 21 N R 18 E S 35 S 36 <hr/> 1947
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone alongside the iron post.
	Corner is 1 lk. N. of E-W fence.
	Land, W. ½ bench land; E. ½ rolling.
	Soil, sandy.
	Timber, none; undergrowth, low brush. Fair growth of native grass.

	S. 89° 48' E., along the S. bdy. of sec. 36.
	Over broken hilly land.
9.10	Wash, 50 lks. wide, 4 ft. deep, course S.
17.80	Ridge, bears N. and S.
22.80	Foot of steep ascent; asc. 60 ft. over a SW. slope.
24.80	Top of a hill; desc. 41 ft. over an E. slope.
26.70	Foot of descent; asc. 39 ft. over a W. slope.
31.30	Top of hill; descend 45 ft. over an E. slope.
33.20	Foot of descent; asc. 80 ft. over a NW. slope of a hill.

Chains
39.92

The standard $\frac{1}{4}$ sec. cor. of sec. 36, marked by a sandstone
20x12x3 ins., lying on top of the ground, mkd. $\frac{1}{4}$.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, with brass cap mkd.

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

1947

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor. and bury the original corner stone alongside the
iron post.

Corner is 6 lks. S. of E-W fence.

S. $89^{\circ} 58'$ E., beginning new measurement.

Descend 17 ft. over a NE. slope.

2.10 Top of a small clay knoll, 15 ft. high and 30 ft. diam. at
base.

4.96 Wash, 15 lks. wide, course S.

11.95 Ridge, bears N. and S.

19.80 Wash, 20 lks. wide, course S.

23.46 Ridge, bears N. and S.

30.70 Foot of steep ascent; asc. 51 ft. over a W. slope.

34.60 Ridge, bears N. and S.; desc. 23 ft. over an E. slope.

40.05 Point for the standard corner of Tps. 21 N., Rs. 18 and
19 E., at proportionate distance; there is no remaining
evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the
ground, with brass cap mkd.

S C
T 21 N
R 18 E R 19 E

S 36 | S 31

1947

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

Cor. is 3 lks. S. of E-W fence.

Land, broken and hilly.

Soil, gravelly clay; bleak barren Bad Lands.

Timber, none; undergrowth, none.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.
Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

S. $89^{\circ} 58'$ E., along the S. bdy. of sec. 31, T. 21 N.,
R. 19 E.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.

BOOK 4383

Chains	
	Over rolling land.
2.10	Wash, 30 lks. wide, 2 ft. deep, course S.
6.20	Old road, bears N. and S.
14.70	Wash, 10 lks. wide, 2 ft. deep, course S.
27.10	Wash, 150 lks. wide, 3 ft. deep, course S.
34.70	Wash, 15 lks. wide, course SW.
36.10	Wash, 10 lks. wide, 2 ft. deep, course SW.
40.05	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 31 \\ \hline 1947 \end{array}$ raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Corner is under E-W fence.
62.05	Enter broken hilly land, bears N. and S.
69.55	Top of a knoll, 30 ft. high.
76.95	Top of a knoll, 20 ft. high.
80.10	The standard corner of secs. 31 and 32, which is monumented with a lava stone, 11x10x2 ins., set in a small mound of stone. The marks on the lava stone could not be found. At the corner point. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{S C} \\ \text{T 21 N R 19 E} \\ \text{S 31 S 32} \\ \hline 1947 \end{array}$ raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post. Corner is 2 lks. S. of E-W fence. Land, W. 50 chs. rolling; remainder, broken and hilly. Soil, W. 50 chs. clay loam; remainder clay. Timber, none; undergrowth, W. 50 chs., low brush and fair growth of native grass; remainder none.
	----- N. 89° 55' E., along the S. bdy. of sec. 32. Over broken and hilly land.
8.10	Wash, 30 lks. wide, 2 ft. deep, course S.; asc. 63 ft. over a W. slope.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.

Chains	
16.05	Top of ascent, enter bench land; thence across top of same.
21.75	Road, bears N. and S.
25.25	Leave top of bench, bears N. and S.; desc. 197 ft. over a steep E. slope; enter Bad Lands.
39.25	Foot of steep descent, bears N. and S.
39.49	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd. $\begin{array}{r} SC \\ \frac{1}{4} S 32 \\ \hline 1947 \end{array}$ raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Corner is 5 lks. N. of E-W fence. Across Bad Lands.
40.40	Wash, 20 lks. wide, 4 ft. deep, course S. then SE.
51.00	Foot of steep ascent; asc. 77 ft. over a W. slope.
56.40	Spur, slopes S.; desc. 102 ft. over an E. slope.
60.20	Foot of descent, bears N. and S.
66.60	Low ridge, bears N. and S.
77.60	Spur, slopes S.; desc. 37 ft. over an E. slope.
78.98	Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd. $\begin{array}{r} S C \\ T 21 N R 19 E \\ S 32 S 33 \\ \hline 1947 \end{array}$ raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Corner is 3 lks. N. of E-W fence. Land, Broken and hilly. Soil, on top of bench sandy; remainder clay and adobe. Timber, none; undergrowth, none. Fair growth of grass on top of bench land. ----- N. 89° 55' E., along the S. bdy. of sec. 33. Across Bad Lands.
3.50	Wash, 20 lks. wide, 3 ft. deep, course S.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.

1947

Chains	
33.50	Wash, 20 lks. wide, course S..
39.49	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	SC $\frac{1}{4}$ S 33 <hr/> 1947
	Corner is 2 lks. S. of E-W fence.
	Ascend 106 ft. over a W. slope.
47.40	Spur, slopes S. 20° W. from a high mesa to the N.; the elevation is approximately 5,600 ft.; begin descent into the basin of Cottonwood Wash.
68.30	Center of draw, 5 chs. wide, drains S.
71.10	Begin ascent of spur, bears N. and S.; asc. 66 ft. over a W. slope.
75.20	Spur, slopes S. ; desc. gradual E. slope.
78.98	The standard corner of secs. 33 and 34 which is monumented with a malpais stone, 14x10x10 ins., set in a mound of stone, mkd. S C on N., 3 grooves on E. and W. faces.
	At the corner point.
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	S C T 21 N R 19 E S 33 S 34 <hr/> 1947
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside of the iron post.
	Corner is 2 lks. S. of E-W fence.
	Land, broken and hilly.
	Soil, clay, gravelly and rocky.
	Timber, none; undergrowth, none.

	N. 88° 46' E., along the S. bdy. of sec. 34.
	Over broken and hilly land.
	Descend 80 ft. over a gradual E. slope.
6.70	Center of a draw, 7 chs. wide, drains S.
30.00	Spur, slopes S.; descend 135 ft. over a steep E. slope.
35.90	Wash in bottom of a canyon, course S.; asc. 66 ft. over a W. slope.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.

Chains
39.25

The standard $\frac{1}{4}$ sec. cor. of sec. 34, which is monumented with a malpais stone, 18x8x4 ins., set in a mound of stone 2 ft. base, 1 ft. high, mkd. $\frac{1}{4}$ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

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

1947

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 75 lks. N. of E-W fence.

N. 89° 51' E., beginning new measurement.

Ascend 18 ft. over a SW. slope.

1.50 Top of ascent; descend a gradual E. slope.

12.23 Gulch, 55 ft. deep, course S.

30.80 Draw, 4 chs. wide, drains S.

36.70 Spur, slopes S.; desc. 75 ft. over an E. slope.

39.61 Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

S C
T 21 N R 19 E
S 34 | S 35

1947

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

Corner is 90 lks. N. of E-W fence.

Land, broken and hilly.
Soil, clay, sandy and gravelly.
Timber, none; undergrowth, low desert brush. Fair growth of native grass.

N. 89° 51' E., along the S. bdy. of sec. 35.

Over hilly land.

Descend 60 ft. over E. slope of spur.

2.80 Foot of descent; ascend 89 ft. over a W. slope.

7.00 Spur, slopes S.; desc. 96 ft. over an E. slope.

11.75 Foot of descent; thence across level land.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy, T. 21 N., R. 19 E.

Chains

- 16.75 Wash, 20 lks. wide, 3 ft. deep, course S.
31.25 Foot of ascent; ascend 103 ft. over a W. slope.
39.61 The standard $\frac{1}{4}$ sec. cor. of sec. 35 which is monumented with a malpais stone, 8x8x8 ins., set in a mound of stone, mkd. $\frac{1}{4}$ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 35

1947.

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is on top of a spur which slopes S. and is 88 lks. N. of E-W fence.

N. 89°-29' E., beginning new measurement.

Descend 113 ft. over an E. slope.

- 5.60 Foot of descent, bears N. and S.; thence across a small valley.
20.60 Foot of ascent, bears N. and S.; asc. 72 ft. over a W. slope.
25.45 Spur, slopes S.; desc. 75 ft. over an E. slope.
38.60 Wash, 10 lks. wide, 2 ft. deep, course S.
39.52 The standard corner of secs. 35 and 36 which is monumented with a malpais stone, 14x8x6 ins., firmly set in the ground, mkd: 5 grooves on W. and 1 groove on E. faces.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC
T 21 N R 19 E
S 35 | S 36

1947

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 114 lks. N. of E-W fence.

Land, hilly.

Soil, sandy and gravelly.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 19 E.

Chains

N. 89° 37' E., along the S. bdy. of sec. 36.

Over hilly land.

6.20 Wash, 20 lks. wide, 1 ft. deep, course S.; asc. 34 ft. over a W. slope.

25.78 Spur, slopes S.; desc. 75 ft. over an E. slope.

30.50 Foot of slope, bears N. and S.; enter broad valley and Cottonwood Wash basin.

34.40 Road, bears N. and S.

39.91 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

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

Corner is 160 lks. N. of E-W fence.

56.20 Right bank of a wash, bears NE. and SW.; thence across dry bed of wash.

62.40 Left bank of wash, bears NE. and SW.

76.50 Wash, 40 lks. wide, 3 ft. deep, course S.

79.82 Point for the standard corner of Tps. 21 N., Rs. 19 and 20 E., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N
R 19 E R 20 E

S 36 | S 31

1947

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

Corner is 129 lks. N. of E-W fence.

Land, nearly level.

Soil, heavy loam; some sandy and gravelly.

Timber, none; undergrowth, low brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 20 E.

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

Chains	
	N. 89° 37' E., along the S. bdy. of sec. 31, T. 21 N., R. 20 E.
	Over nearly level land.
1.50	Wash, 10 lks. wide, 3 ft. deep, course S.
36.15	Wash, 15 lks. wide, 2 ft. deep, course SW.
39.91	True point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance, falls in a wash, 15 lks. wide, course S.; there is no remaining evidence of the original corner.
40.91.	Point for the witness standard $\frac{1}{4}$ sec. cor. of sec. 31. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \text{SC} \\ \frac{1}{4} \text{ S } 31 \\ \hline \text{WC} \\ 1947 \end{array}$
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Witness corner is 150 lks. N. of E-W fence.
70.10	Wash, 10 lks. wide, 2 ft. deep, course N.
74.20	Leave valley, bears N. and S.; enter Badlands of clay hills, ridges and spurs.
79.82	The standard corner of secs. 31 and 32 which is monumented with a malpais stone, 14x12x10 ins., set in a mound of stone, 2 ft. base, 1 ft. high, mkd. S C on N., 5 grooves on E. and 1 groove on W. faces.
	At the corner point.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \text{S C} \\ \text{T 21 N R 20 E} \\ \hline \text{S 31 S 32} \\ 1947 \end{array}$
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. and bury the original corner stone alongside the iron post.
	Corner is 204 lks. N. of E-W fence.
	Land, W. 74 chs. level valley land; remainder hilly.
	Soil, W. 74 chs. heavy loam, sandy and gravelly; remainder clay and adobe.
	Timber, none; undergrowth, W. 74 chs. low desert brush with a fair growth of native grass.
	----- S. 89° 59' E., along the S. bdy. of sec. 32.
	Over broken and hilly land.
	Ascend a W. slope.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 20 E.

- Chains
9.65 Ridge, bears N. and S. ; desc. 29 ft. over an E. slope.
14.70 Foot of descent, bears N. and S.; thence over gently rolling land.
33.15 Foot of ascent of mesa, bears N. and S.; asc. 28 ft. over a W. slope.
39.80 Top of ascent; thence across top of mesa.
39.97 True point for standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance, falls in a wash, 20 lks. wide, course S.; there is no remaining evidence of the original corner.
40.47 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.
- $$\begin{array}{r} \text{SC} \\ \frac{1}{4} \text{ S } 32 \\ \hline \text{WC} \\ 1947 \end{array}$$
- raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Witness corner is 150 lks. N. of E-W fence.
Over rolling top of mesa.
48.25 Old road, bears N. and S.
60.55 Old road, bears NE. and SW.
74.55 Leave top of mesa, bears N. and S.; desc. over an E. slope.
77.50 Foot of descent, bears N. and S.; enter valley of Cottonwood Wash.
79.94 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of original corner.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.
- $$\begin{array}{r} \text{S C} \\ \text{T 21 N R 20 E} \\ \text{S 32 | S 33} \\ \hline 1947 \end{array}$$
- raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Corner is 190 lks. N. of E-W fence.
Land, hilly.
Soil, clay and adobe; on mesa sandy and gravelly.
Timber, none; undergrowth, low desert brush. Fair growth of native grass.
- S. 89° 59' E., along the S. bdy. of sec. 33.
Over gently rolling land.
3.25 Wash, 20 lks. wide, 4 ft. deep, course S.
23.75 Wire fence, bears N. and S.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 20 E.

Chains
39.97

Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

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

SC
 $\frac{1}{4}$ S 33
1947

dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is 200 lks. N. of E-W fence.

40.21 Wire fence, bears N. and S.

68.65 Wash, 30 lks. wide, 14 ft. deep, course S.

79.94 Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 20 E
S 33 | S 34
1947

dig pits 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Corner is 200 lks. N. of E-W fence.

Land, rolling.

Soil, heavy loam.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 34.

Over gently rolling land.

26.70 Cottonwood Wash, 1 ch. wide, 12 ft. deep, course SW.

32.80 Left bank of Cottonwood Wash, 12 ft. high, bears N. 30° W. and S. 70° E.; thence across dry bed of wash in bend.

38.90 Left bank of Cottonwood Wash, 12 ft. high, bears N. and S. 60° W.

39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

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
1947.

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. of T. 21 N., R. 20 E.

Chains

Corner is 225 lks. N. of E-W fence.

75.12 Wire fence, bears N. and S.

79.94 Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 20 E

S 34 | S 35

1947

dig pits, 18x18x12 ins., E., W., and N. of post, 3 ft. dist.

Corner is 200 lks. N. of E-W fence.

Land, gently rolling.

Soil, heavy loam.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 35.

Over nearly level land, across floor of the valley.

22.10 Road, bears N. and S.

35.20 Low sand ridge, bears N. and S.

39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 35

1947

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

Corner is 200 lks. N. of E-W fence.

48.60 Right bank of wash, 3 ft. high, bears NE. and SW.

51.00 Left bank of wash, 3 ft. high, bears NE. and SW.

74.40 Left bank of same wash; thence across dry bed of wash in a bend.

79.94 True point for standard corner of secs. 35 and 36, at proportionate distance, falls in a wash; there is no remaining evidence of the original corner.

Land, nearly level.

Soil, heavy loam.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 20 E.

Chains

S. 89° 59' E., along the S. bdy. of sec. 36.

Over gently rolling land.

0.80 Left bank of wash, 3 ft. high, bears N. and S. 40° W.

1.50 Point for the witness standard corner of secs. 35 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 20 E
S 35 | S 36
WC -----
1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Witness corner is 200 lks. N. of E-W fence.

30.00 Leave Cottonwood Wash valley, bears N. and S.; enter Bad Lands; asc. 52 ft. over a W. slope.

33.50 Top of ascent; thence across top of ridge, bears N. and S.

38.50 Begin descent from ridge; desc. 22 ft. over an E. slope.

39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

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

1947

Corner is 180 lks. N. of E-W fence.

41.00 Leave Bad Lands ; thence across nearly level land.

79.94 Point for the standard corner of Tps. 21 N., Rs. 20 and 21 E., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, with brass cap mkd.

S C
T 21 N
R 20 E | R 21 E
S 36 | S 31

1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Corner is 160 lks. N. of E-W fence.

Land, gently rolling.

Soil, heavy loam.

Timber; none; undergrowth, low desert brush. Fair growth of native grass.

BOOK 4583

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 21 E.

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

Chains	<p>S. 89° 59' E., along the S. bdy. of sec. 31, T. 21 N., R. 21 E.</p> <p>Over gently rolling land.</p> <p>8.80 Wash, 10 lks. wide, course NW.</p> <p>31.30 Wash, 15 lks. wide, 1 ft. deep, course NW.</p> <p>39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>SC $\frac{1}{4}$ S 31</p> <hr style="width: 50px; margin: auto;"/> <p>1947</p> </div> <p>dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.</p> <p>Corner is 160 lks. N. of E-W fence.</p> <p>43.20 Low sand ridge, bears N. and S.</p> <p>79.94 Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S C T 21 N R 21 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 31</td> <td style="padding: 0 5px;">S 32</td> </tr> </table> <hr style="width: 100px; margin: auto;"/> <p>1947</p> </div> <p>dig pits, 18x18x12 ins., E., W. and N., of post, 3 ft. dist.</p> <p>Corner is 145 lks. N. of E-W fence.</p> <p>Land, gently rolling. Soil, heavy loam. Timber, none; undergrowth, low desert brush. Fair growth of native grass.</p> <hr style="border-top: 1px dashed black;"/> <p>S. 89° 59' E., along the S. bdy. of sec. 32.</p> <p>Over broken and hilly Bad Lands.</p> <p>0.40 Wash, 10 lks. wide, 1 ft. deep, course NW.</p> <p>3.00 Enter Bad Lands, bears N. and S.; asc. 35 ft. along the top of a spur, which slopes W.</p> <p>11.50 Ridge, bears N. and S. ; desc. 24 ft. over an E. slope.</p> <p>13.70 Foot of descent, bears N. and S.</p> <p>14.40 Begin ascent; asc. 65 ft. over a W. slope.</p> <p>39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.</p>	S 31	S 32
S 31	S 32		

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 21 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
¼ S 32

1947

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

Corner is 135 lks. N. of E-W fence.

Ascend 23 ft. over Bad Lands.

45.70 Top of ascent, bears N. and S.; Leave Bad Lands and the basin of Cottonwood Wash; thence over rolling top of table land.

79.94 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 21 E

S 32 | S. 33

1947

dig pits, 18x18x12 ins., E. W. and N. of post, 3 ft. dist.

Corner is 116 lks. N. of E-W fence.

Land, W. ½ broken and hilly Bad Lands; E. ½ rolling table land.

Soil, W. ½ clay and adobe; E. ½ sandy.

Timber, none; undergrowth; low desert brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 33.

Over rolling table land.

39.97 Point for the standard ¼ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
¼ S 33

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is 105 lks. N. of E-W fence.

61.40 Low sand ridge, bears N. and S.

79.94 Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 21 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 21 E

S 33 | S 34

1947

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

Corner is 90 lks. N. of E-W fence.

Land, rolling.

Soil, sandy.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 34.

Over rolling land.

16.00 Low ridge, bears NE. and SW.

39.97 Point for the standard ¼ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
¼ S 34

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is 70 lks. N. of E-W fence.

43.95 Low sand ridge, bears N. and S.

60.30 Road, bears N. to Keams Canyon and S. to Holbrook.

61.00 Low sand ridge, bears N. and S.

79.94 Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 21 E

S 34 | S 35

1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Corner is 47 lks. N. of E-W fence.

Land, rolling.

Soil, sandy.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par, N.,
S., Bdy. T. 21 N., R. 21 E.

Chains	S. 89° 59' E., along the S. bdy. of sec. 35. Over rolling land.
10.55	Ditch, 15 lks. wide, 10 ins. deep, drains S.
13.55	Low sand ridge, bears N. and S.
36.55	Low sand ridge, bears N. and S.
39.97	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 35 \\ \hline 1947 \end{array}$
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Corner is 20 lks. N. of E-W fence.
57.04	Telephone line, bears N. and S.
65.50	Sand ridge, bears N. and S.
79.94	Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{S C} \\ \text{T 21 N R 21 E} \\ \text{S 35 S 36} \\ \hline 1947 \end{array}$
	dig pits, 18x18x12 ins. E., W. and N. of post, 3 ft. dist. Corner is 6 lks. S. of E-W fence. Land, rolling. Soil, sandy. Timber, none; undergrowth, low desert brush. Fair growth of native grass.
	S. 89° 59' E., along the S. bdy. of sec. 36.
5.10	Sand ridge, bears N. and S.
39.97	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 36 \\ \hline 1947 \end{array}$

BOOK 4383

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 21 E.

Chains

dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.

Corner is 35 lks. S. of E-W fence.

65.93 Fall 14 lks. S. of U. S. Coast and Geodetic station
"LEROUX", mkd. by a brass tablet, 4 ins. diam., seated
in a concrete block, 10x10 ins., 1 ft. above ground, mkd.
LEROUX 1936.

72.80 Leave table land, bears N. 30° E. and S. 30° W.; enter the
basin of Leroux Wash; desc. 27 ft. over an E. slope.

77.40 Foot of descent; asc. a W. slope.

79.94 Point for the standard corner of Tps. 21 N., Rs. 21 and
22 E., at proportionate distance; there is no remaining
evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the
ground, with brass cap mkd.

S C
T 21 N
R 21 E R 22 E

S 36 | S 31

1947

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

Corner is 50 lks. S. of E-W fence.

Land, rolling table land.

Soil, sandy.

Timber; none; undergrowth; low brush. Fair growth of native
grass.

Dependent Resurvey of the 5th Stan. Par. N.,

S. Bdy. T. 21 N., R. 22 E.

Reestablishment of the Survey Executed by

E. Follman, Deputy Surveyor in 1882.

S. 89° 59' E., along the S. bdy. of sec. 31, T. 21 N.,
R. 22 E.

Over hilly land.

Ascend 27 ft. over a W. slope.

2.65 Spur, slopes S.; enter Bad Lands; descend 40 ft. over an
E. slope.

7.50 Foot of slope, bears N. and S.; thence over rolling land.

38.00 Leave Bad Lands, bears N. and S.

39.97 Point for the standard ¼ sec. cor. of sec. 31, at propor-
tionate distance; there is no remaining evidence of the
original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, with brass cap mkd.

SC
¼ S 31

1947

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 22 E.

Chains

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

Corner is 50 lks. S. of E-W fence.

52.65 Wash, 20 lks. wide, course SE.

77.75 Wash, 20 lks. wide, 2 ft. deep, course S.

79.94 Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 22 E
S 31 | S 32

1947

dig pits, 18x18x12 ins., E. W. and N. of post, 3 ft. dist.

Corner is 52 lks. S. of E-W fence.

Land, W. 1/2 Badlands; E. 1/2 rolling.

Soil, W. 1/2 clay; E. 1/2 heavy loam, a portion being gravelly. Timber, none; undergrowth, W. 1/2 none; E. 1/2, low brush. A fair growth of native grass on E. 1/2.

S. 89° 59' E., along the S. bdy. of sec. 32.

Over rolling land.

10.70 Wash, 10 lks. wide, 2 ft. deep, course S.

39.97 Point for the standard 1/4 sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
1/4 S 32

1947

dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.

Corner is 50 lks. S. of E-W fence.

66.10 Wash, 30 lks. wide, 3 ft. deep, course S.

67.30 Wash, 1 ch. wide, 4 ft. deep, course S.

79.94 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 22 E
S 32 | S 33

1947

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 22 E.

Chains

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft. dist.

Land, rolling.

Soil, heavy loam.

Timber, none; undergrowth, low desert brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 33.

Over rolling land.

20.75 Low sand ridge, bears N. and S.

39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 33

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

48.30 Low sand ridge, bears N. and S.

58.20 Wash, 15 lks. wide, 3 ft. deep, course S.

79.94 Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 22 E
S 33 | S 34

1947

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

Corner is 27 lks. S. of E-W fence.

Land, rolling.

Soil, heavy loam with a portion of it gravelly.

Timber, none; undergrowth, low brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 34.

Over rolling land.

26.30 At this point E-W fence leaves the line and bears N. 20° E.

31.00 Right bank of wash, bears N. 40° E. and E. 40° W.

34.00 Left bank of wash, bears N. and S.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 22 E.

Chains
39.97

Point for the standard $\frac{1}{4}$ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

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

67.55 Right bank of Leroux Wash, bears S. 20° E. and N. 20° W.

72.05 Left bank of Leroux Wash, bears N. and S.

79.94 Point for the standard corner of secs. 34 and 35, at proportionate distance, falls in the old bed of Leroux Wash. there is no remaining evidence of the original corner.

Land, rolling.

Soil, heavy loam and sandy.

Timber, none; undergrowth, low brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 35.

Over rolling land.

0.90 Point for the witness standard corner of secs. 34 and 35.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC
T 21 N R 22 E
S 34 | S 35
WC -----
1947

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

27.00 Left bank of Leroux Wash, bears N. 40° W. and S. 70° E.; thence across dry bed of wash in a bend.

39.97 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance, falls in Leroux Wash. There is no remaining evidence of the original corner.

45.60 Left bank of Leroux Wash, bears S. 70° W. and N. 40° E.

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

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 35
WC -----
1947

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

BOOK: 485

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 22 E.

Chains
64.00

Leave valley, bears N. and S.; asc. gradual W. slope.

79.94

Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 22 E
S 35 | S 36

1947

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

Corner is 3 lks. N. of E-W fence.

Land, rolling.

Soil, heavy loam and sandy.

Timber, none; undergrowth, low brush. Fair growth of native grass.

S. 89° 59' E., along the S. bdy. of sec. 36.

Over rolling land.

Ascend gradual W. slope.

39.97

Point for the standard ¼ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
¼ S 36

1947

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

Corner is 12 lks. N. of E-W fence.

75.00

Ridge, bears N. and S.

79.94

The standard corner of Tps. 21 N., Rs. 22 and 23 E. which is monumented with an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, heavy loam, clay, sandy and gravelly.

Timber, none; undergrowth, low brush. Fair growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 23 E.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 23 E.

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

Chains	
	S. 89° 38' E., along the S. bdy. of sec. 31, T. 21 N., R. 23 E.
	Over broken and hilly land.
	Ascend 41 ft. over a W. slope.
3.95	Spur, slopes N.; desc. 46 ft. over an E. slope.
8.90	Foot of descent; asc. over a W. slope.
13.40	Spur, slopes N.; desc. over an E. slope.
14.40	Ravine, course N.; ascend over a W. slope.
16.60	Rocky spur, slopes N.; desc. over an E. slope.
23.95	Ravine, course N. 30° W.; asc. over a W. slope.
26.50	Spur, slopes N.; desc. over an E. slope.
28.90	Ravine in bottom of small canyon, course N. 60° W.; asc. over a W. slope.
32.00	Rocky spur, slopes S.; thence over a broken S. slope.
39.33	The standard $\frac{1}{4}$ sec. cor. of sec. 31 which is monumented with a sandstone, 24x12x5 ins., firmly set in a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, mkd. $\frac{1}{4}$ on N. face.
	At the corner point.
	Set an iron post, 3 ft. long, 1 in. diam., on solid surface rock and in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	$\begin{array}{c} \text{SC} \\ \frac{1}{4} \text{ S } 31 \\ \hline 1947 \end{array}$
	Set the original corner stone at the base and alongside the iron post.
	Corner is 2 lks. N. of E-W fence.

	S. 89° 43' E., beginning new measurement.
	Ascend gradually over a rolling W. slope.
40.00	Point for the standard corner of secs. 31 and 32, at pro- portionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{S C} \\ \text{T 21 N R 23 E} \\ \text{S 31 S 32} \\ \hline 1947 \end{array}$
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	Corner is 10 lks. S. of E-W fence.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 23 E.

Chains

Land, W. $\frac{1}{2}$, broken and hilly; E. $\frac{1}{2}$, rolling.
Soil, W. $\frac{1}{2}$, clay, rocky and gravelly; E. $\frac{1}{2}$, sandy.
Timber, none; undergrowth, W. $\frac{1}{2}$, sparse; E. $\frac{1}{2}$, low desert
brush. Fair growth of native grass on E. $\frac{1}{2}$.

S. 89° 43' E., along the S. bdy. of sec. 32.

Over rolling land.

40.00 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at propor-
tionate distance; there is no remaining evidence of the
original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, with brass cap mkd.

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

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is situated on top of a low sand ridge, bears N.
and S. and 5 lks. S. of E-W fence.

78.50 Low sand ridge, bears N. and S.

80.00 Point for the standard corner of secs. 32 and 33, at pro-
portionate distance; there is no remaining evidence of
the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, with brass cap mkd.

S C
T 21 N R 23 E
S 32 | S 33

1947

dig pits, 18x18x12 ins., E. W. and N. of post, 3 ft. dist.

Corner is 2 lks. S. of E-W fence.

Land, rolling.

Soil, sandy.

Timber, none; undergrowth, low desert brush. Fair growth
of native grass.

S. 89° 43' E., along the S. bdy. of sec. 33.

Over rolling land.

Ascend gradual rolling W. slope.

28.00 Low sand ridge, bears N. and S.

40.00 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at propor-
tionate distance; there is no remaining evidence of the
original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, with brass cap mkd.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 23 E.

Chains	SC <u>1/4 S 33</u> 1947
	dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Corner is 2 lks. N. of E-W fence.
80.00	The standard corner of secs. 33 and 34, which is monumented with an iron post, 2 ins. diam., firmly set, projecting 1 ft. above ground, mkd. and witnessed as described in the official record. Land, rolling. Soil, sandy. Timber, none; undergrowth, low desert brush. Fair growth of native grass.
----- Dependent Resurvey of the 5th Stan. Par. N., S. Bdy. T. 21 N., R. 25 E. Reestablishment of the Survey Executed by F. Follman, Deputy Surveyor in 1882. -----	
	From the standard corner of secs. 33 and 34, T. 21 N., R. 25 E., which is monumented with an iron post, 2 ins. diam., firmly set; projecting 8 ins. above ground, mkd. and witnessed as described in the official record. N. 89° 48' E., along the S. bdy. of sec. 34, Over broken and hilly land.
3.45	Fall 1 lk. N. of the closing corner of secs. 3 and 4, T. 20 N., R. 25 E., which is monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, mkd. and witnessed as described in the official record.
18.00	Enter Bad Lands, bears N. and S.; asc. 61 ft. over a W. slope.
22.85	Spur, slopes S.; desc. 52 ft. over an E. slope.
24.65	Foot of steep descent, bears N. and S.; desc. gradual E. slope.
32.00	Leave Bad Lands, bears N. and S.; enter Dead River valley.
33.55	Right bank of the W. channel of Dead River, bears N. 20° W. and S. 20° E.
36.20	Left bank of the W. channel of Dead River, bears N. and S.; thence across grassy valley.
39.84	Point for the standard 1/4 sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	SC <u>1/4 S 34</u> 1947
	dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Corner is 43 lks. S. of E-W fence.

BOOK 4383

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 25 E.

Chains
64.80 Right bank of the E. channel of Dead River, bears N. 20° W.
and S. 20° E.

67.10 Left bank of the E. channel of Dead River, 4 ft. high,
bears N. 20° W. and S. 20° E.

79.68 Point for the standard corner of secs. 34 and 35, at pro-
portionate distance; there is no remaining evidence of
the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, with brass cap mkd.

S C
T 21 N R 25 E
S 34 | S 35

1947

dig pits, 18x18x12 ins., E., W. and N. of post, 3 ft.
dist.

Corner is 21 lks. S. of E-W fence.

Land, W. 32 chs., hilly Bad Lands; remainder level valley
land.

Soil, W. 32 chs., clay and adobe; remainder heavy loam.
Timber, none; undergrowth, W. 32 chs., none; remainder
low brush. Good growth of native grass on E. 1/2.

N. 89° 48' E., along the S. bdy. of sec. 35.

Over level valley land.

22.90 Old Fort Defiance- Navajo road, bears N. and S.

39.84 Point for the standard 1/4 sec. cor. of sec. 35, at propor-
tionate distance; there is no remaining evidence of the
original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, with brass cap mkd.

S C
1/4 S 35

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Corner is 1 lk. N. of E-W fence.

68.10 Wash, 20 lks. wide, 1 ft. deep, course S. 21° W.

72.00 Wash, 20 lks. wide, 1 ft. deep, course S. 10° W.

79.68 Point for the standard corner of secs. 35 and 36, at pro-
portionate distance; there is no remaining evidence of
the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, with brass cap mkd.

S C
T 21 N R 25 E
S 35 | S 36

1947

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 25 E.

Chains

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Corner is 22 lks. N. of E-W fence.

Land, nearly level.

Soil, heavy loam.

Timber, none; undergrowth, scattering low brush. Good
growth of native grass.

N. 89° 48' E., along the S. bdy. of sec. 36.

Over nearly level land.

8.15 Wash, 30 lks. wide, 1 ft. deep, course S. 20° W.

8.50 Leave Dead River valley, bears N. and S.; ascend over clay
hills.

12.45 Recross wash, 30 lks. wide, course NW.; asc. 19 ft. over
a W. slope.

14.30 Spur, slopes SE.; desc. 19 ft. over an E. slope.

17.20 Foot of descent; asc. 56 ft. over a W. slope.

21.20 Spur, slopes SE.; desc. 14 ft. over an E. slope.

26.70 Foot of descent; asc. 31 ft. over a W. slope.

32.85 Spur, slopes S.; desc. 14 ft. over an E. slope.

37.80 Foot of descent; asc. 34 ft. over a W. slope.

38.00 Enter scattering timber, bears N. and S.

39.34 Point for the witness standard ¼ sec. cor. of sec. 36.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, with brass cap mkd.

SC
¼ S 36
----- WC
1947

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Corner is 39 lks. N. of E-W fence.

39.84 True point for the standard ¼ sec. cor. of sec. 36, at pro-
portionate distance, falls in a wash, 10 lks. wide,
course SW.; there is no remaining evidence of the origi-
nal corner.

Ascend 57 ft. over a W. slope.

48.30 Leave clay hills, bears N. and S.; enter table land;
thence across rolling top of same.

59.05 Old road, bears N. and S.

79.68 Point for the standard corner of Tps. 21 N., Rs. 25 and
26 E., at proportionate distance; there is no remaining
evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the
ground, with brass cap mkd.

BOOK 4363

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 25 E.

Chains

S C
T 2 1 N
R 25 E R 26 E
S 36 | S 31

1947

from which

A juniper, 16 ins. diam., bears N. 29 $\frac{1}{4}$ ° E., 119 lks. dist., mkd. T 21 N R 26 E S 31 S C B T.

A juniper, 18 ins. diam., bears N. 13 $\frac{3}{4}$ ° W., 54 lks. dist., mkd. T 21 N R 25 E S 36 S C B T.

Corner is 66 lks. N. of E-W fence.

From this corner the original standard $\frac{1}{4}$ sec. cor. of sec. 34, T. 21 N., R. 26 E., bears N. 89° 48' E., 278.88 chs. dist. and is monumented with a sandstone, 12x12x2 ins., firmly set in a mound of stone, 2 ft. base, 18 ins. high, mkd. $\frac{1}{4}$ on N. face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground with brass cap mkd.

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

1947

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. and bury the original corner stone alongside the iron post.

Corner is 239 lks. N. of E-W fence.

Land, W. $\frac{1}{2}$, hilly; E. $\frac{1}{2}$, rolling.
Soil, W. $\frac{1}{2}$, clay; E. $\frac{1}{2}$, sandy.
Timber, scattering juniper; undergrowth, E. $\frac{1}{2}$, low brush.
Good growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Reestablishment of the Survey Executed by
W. R. Fitzgerald, Deputy Surveyor in 1882.

The standard corner of Tps. 21 N., Rs. 29 and 30 E. is marked by a juniper post, 3 ins. sq., 3 ft. long, firmly set in the ground, markings illegible. The bearing trees of record could not be found. According to statement of Mr. C. A. Mc Carrell, a resident in this vicinity for many years, this corner was found by Mr. Shepard, an engineer at St Johns, Arizona a number of years ago. In my retracement of the line north from this corner, its position was found to be in reasonably close agreement with the calls of the record and also with long established property line fence corners, which would indicate it had been accepted by settlers as marking the true position of the original corner.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Chains

At the corner point.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

S	C
T 21 N	
R 29 E	R 30 E
S 36	S 31
<hr/>	
1947	

from which

A juniper, 28 ins. diam., bears N. 69° E., 247 lks. dist., mkd. T 21 N R 30 E S 31 S C B T.

A juniper, 14 ins. diam., bears N. 37½° W., 280 lks. dist., mkd. T 21 N R 29 E S 36 S C B T.

Reset the original wood post inverted, alongside the iron post.

Thence.

S. 89° 21' E., along the S. bdy. of sec. 31, T. 21 N., R. 30 E.

Over rolling land, through scattering timber.

Descend 23 ft. over an E. slope.

- 4.60 Wash, 20 lks. wide, 6 ft. deep, course NE.
- 15.50 Wire fence, bears N. and S.
- 26.60 Low spur, slopes NW.
- 30.20 Old road, bears N. and S.
- 40.63 Point for the standard ¼ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
¼ S 31
<hr/>
1947

from which

A juniper, 6 ins. diam., bears N. 69¾° E., 48 lks. dist., mkd. ¼ S 31 S C B T.

A juniper, 20 ins. diam., bears N. 42½° W., 76 lks. dist., mkd. ¼ S 31 S C B T.

- 44.00 Spur, slopes NE.
- 47.60 Wash, 10 lks. wide, 1 ft. deep, course NE.
- 75.30 Road, bears NW. and SE.
- 81.26 Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 30 E
S 31 | S 32

1947

from which

A juniper, 20 ins. diam., bears N. 12 $\frac{3}{4}$ ° E., 270 lks. dist., mkd. T 21 N R 30 E S 32 S C B T.

A juniper, 3 ins. diam., bears N. 47° W., 205 lks. dist., mkd. B T.

Land, rolling.

Soil, sandy.

Timber, juniper and pinon; undergrowth, low brush, some sage. Fair growth of native grass.

S. 89° 21' E., along the S; bdy. of sec. 32.

Over rolling land, through scattering timber..

Ascend 43 ft. over a W. slope.

6.00 Spur, slopes SW.; desc. 52 ft. over an E. slope.

14.00 Wash, 10 lks. wide, 1 ft. deep, course N. 10° E.

40.63 Point for the standard ~~4~~ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{2}$ S 32

1947

from which

A juniper, 10 ins. diam., bears N. 4 $\frac{1}{2}$ ° E., 53 lks. dist., mkd. $\frac{1}{2}$ S 32 S C B T.

A juniper, 5 ins. diam., bears N. 2 $\frac{1}{2}$ ° W., 24 lks. dist., mkd. $\frac{1}{2}$ S 32 S C B T.

Ascend 50 ft. over a W. slope.

46.40 Ridge, bears N. and S.; desc. 103 ft. over an E. slope.

62.70 Wash, 20 lks. wide, 1 ft. deep, course N. 10° E.; asc. 90 ft. over a W. slope.

73.35 Ridge, bears N. and S.; desc. 85 ft. over an E. slope.

81.26 Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Chains

S C
T 21 N R 30 E
S 32 | S 33

1947

from which

A juniper, 14 ins. diam., bears N. $72\frac{1}{4}^{\circ}$ E., 51 lks.
dist., mkd. T 21 N R 30 E S 33 S C B T.

A juniper, 16 ins. diam., bears N. 63° W., 41 lks.
dist., mkd. T 21 N R 30 E S 32 S C B T.

Land, hilly.

Soil, sandy.

Timber, juniper; undergrowth, sage and other low desert
brush. Fair growth of native grass.

S. $89^{\circ} 21'$ E., along the S. bdy. of sec. 33.

Over gently rolling land.

Descend gradual E. slope.

- 4.00 Foot of slope, bears N. and S.; thence across gently rolling valley land.
- 20.30 Wash, 15 lks. wide, 3 ft. deep, course N.
- 30.00 Leave valley, bears N. and S.; asc. a W. slope.
- 40.63 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

from which

A juniper, 36 ins. diam., bears N. $79\frac{1}{4}^{\circ}$ E., 147 lks.
dist., mkd. $\frac{1}{4}$ S 33 S C B T.

A juniper, 16 ins. diam., bears N. $80\frac{3}{4}^{\circ}$ W., 67 lks.
dist., mkd. $\frac{1}{4}$ S 33 S C B T.

Ascend a W. slope.

- 44.75 Ridge, bears N. and S.; desc. 60 ft. over an E. slope.
- 54.00 Foot of slope, bears N. and S.; thence over gently rolling land.
- 81.26 Point for the standard corner of secs. 33 and 34; at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T 21 N., R. 30 E.

Chains

	S	C
T 21 N R 30 E		
	S 33	S 34
1947		

from which

A juniper, 18 ins. diam., bears N. 74½° E., 148 lks. dist., mkd. T 21 N R 30 E S 34 S C B T.

A juniper, 9 ins. diam., bears N. 41° W., 30 lks. dist., mkd. T 21 N R 30 E S 33 S C B T.

The NW. cor. of a ranch house, bears S. 1° 20' W., 3.49 chs. dist.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage. Fair growth of native grass.

S. 89° 21' E., along the S. bdy. of sec. 34.

Ascend a gradual SW. slope.

40.63 Point for the standard ¼ sec. cor. of sec. 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

	SC
¼ S 34	
1947	

from which

A juniper, 14 ins. diam., bears N. 46½° E., 40 lks. dist., mkd. ¼ S 34 S C B T.

A juniper, 18 ins. diam., bears N. 56¾° W., 61 lks. dist., mkd. ¼ S 34 S C B T.

Ascend over a broken SW. slope, across points of spurs which slope S. from the mesa to the N. and drains which have a general course of SW.

81.26 Point for the standard corner of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

	S	C
T 21 N R 30 E		
	S 34	S 35
1947		

from which

A juniper, 20 ins. diam., bears N. 69½° E., 62 lks. dist., mkd. T 21 N R 30 E S 35 S C B T.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Chains

A juniper, 26 ins. diam., bears N. 82° W., 77 lks.
dist., mkd. T 21 N R 30 E S 34 S C B T.

Land, broken and hilly.
Soil, sandy and gravelly.
Timber, juniper; undergrowth, sage and other low brush.
A fair growth of native grass.

S. 89° 21' E., along the S. bdy. of sec. 35.

Over a broken SW. slope.

2.50 Spur, slopes SW.
39.90 Spur, slopes SW.
40.63 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 35

1947

from which

A juniper, 16 ins. diam., bears N. 66° E., 55 lks.
dist., mkd. $\frac{1}{4}$ S 35 S C B T.

A juniper, 36 ins. diam., bears N. 71 $\frac{1}{2}$ ° W., 55 lks.
dist., mkd. $\frac{1}{4}$ S 35 S C B T.

56.30 Wash, 10 lks. wide, 2 ft. deep, course SW.

60.60 Rim of mesa, bears N. and S.; thence descend gradual E. slope over top of same, through dense timber.

81.26 Point for the standard corner of secs. 35 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

S C
T 21 N R 30 E
S 35 | S 36

1947

from which

A juniper, 10 ins. diam., bears N. 57 $\frac{1}{2}$ ° E., 60 lks.
dist., mkd. T 21 N R 30 E S 36 S C B T.

A juniper, 7 ins. diam., bears N. 21 $\frac{1}{2}$ ° W., 30 lks.
dist., mkd. T 21 N R 30 E S 35 S C B T.

Land, W. 60 chs., hilly and broken; remainder, rolling top of mesa.
Soil, sandy.
Timber, juniper; undergrowth, sage and other low brush.
Good growth of grass on top of mesa.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 30 E.

Chains

S. 89° 21' E., along the S. bdy. of sec. 36.

Over rolling top of mesa.

40.63 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance; there is no remaining evidence of the original corner..

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

SC
 $\frac{1}{4}$ S 36
1947

from which

A juniper, 18 ins. diam., bears N. 75° E., 89 lks. dist., mkd. $\frac{1}{4}$ S 36 S C B T.

A juniper, 20 ins. diam., bears N. 22° W., 52 lks. dist., mkd. $\frac{1}{4}$ S 36 S C B T.

Descend gradual E. slope, through scattering timber.

57.00 Leave timber, bears N. and S.

61.00 Old road, bears N. and S.

63.00 Foot of descent in wide draw, drains S.; asc. gradual W. slope.

81.26 Point for the standard corner of Ts. 21 N., Rs. 30 and 31 E., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

SC
T 21 N
R 30 E R 31 E
 $\frac{1}{4}$ S 36 | $\frac{1}{4}$ S 31
1947

from which

A juniper, 3 ins. diam., bears N. 55 $\frac{1}{2}$ ° E., 18 lks. dist., mkd. B T.

A juniper, 8 ins. diam., bears N. 34° W., 346 lks. dist., mkd. T 21 N R 30 E S 36 S C B T.

Land, gently rolling.

Soil, sandy.

Timber, juniper; undergrowth, scattering sage and other low desert shrub. Good growth of native grass.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 31 E.

Reestablishment of the Survey Executed by
W. R. Fitzgerald, Deputy Surveyor in 1882.

S. 89° 21' E., along the S. bdy. of sec. 31, T. 21 N.,
R. 31 E.

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 31 E.

Chains

Over gently rolling land, through scattering timber.

37.74
40.63

Ascend a gradual W. slope.

Enter dense timber, bears N. and S.

Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

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

1947

from which

A juniper, 4 ins. diam., bears N. 23° E., 48 lks.
dist., mkd. $\frac{1}{4}$ S 31 S C B T.

A juniper, 6 ins. diam., bears N. 48 $\frac{1}{4}$ ° W., 96 lks.
dist., mkd. $\frac{1}{4}$ S 31 S C B T.

Continue over rolling land; through dense timber.

81.26

Point for the standard corner of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

S C
T 21 N R 31 E
S 31 | S 32

1947

from which

A juniper, 18 ins. diam., bears N. 12° E., 60 lks.
dist., mkd. T 21 N R 31 E S 32 S C B T.

A juniper, 5 ins. diam., bears N. 41° W., 25 lks.
dist., mkd. T 21 N R 31 E S 31 S C B T.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage and low desert brush.
Good growth of native grass.

S. 89° 21' E., along the S. bdy. of sec. 32.

Over rolling land, through heavy timber.

40.63

Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

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

1947

Dependent Resurvey of the 5th Stan. Par. N.,
S. Bdy. T. 21 N., R. 31 E.

Chains

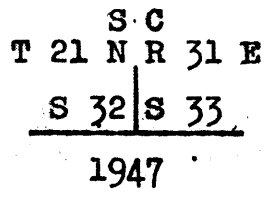
from which

A juniper, 12 ins. diam., bears N. $78\frac{3}{4}^\circ$ E., 25 lks.
dist., mkd. $\frac{1}{4}$ S 32 S C B T.

A juniper, 5 ins. diam., bears N. $56\frac{3}{4}^\circ$ W., 36 lks.
dist., mkd. $\frac{1}{4}$ S 32 S C B T.

81.26. Point for the standard corner of secs. 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.



from which

A juniper, 16 ins. diam., bears N. $38\frac{1}{2}^\circ$ E., 18 lks.
dist., mkd. T 21 N R 31 E S 33 S C B T.

A juniper, 16 ins. diam., bears N. $73\frac{1}{2}^\circ$ W., 10 lks.
dist., mkd. T 21 N R 31 E S 32 S C B T.

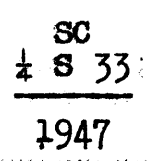
Land, rolling. S
Soil, sandy.
Timber, juniper; undergrowth, sage and other low brush.
Good growth of native grass.

S. $89^\circ 21'$ E., along the S. bdy. of sec. 33.

Over rolling land, through heavy timber; the general drainage is N.

40.63 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate distance; there is no remaining evidence of the original corner.

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



from which

A juniper, 10 ins. diam., bears N. $48\frac{1}{2}^\circ$ E., 74 lks.
dist., mkd. $\frac{1}{4}$ S 33 S C B T.

A juniper, 6 ins. diam., bears N. 8° W., 46 lks.
dist., mkd. $\frac{1}{4}$ S 33 S C B T.

81.26 Point for the standard corner of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the 5th Stam. Par. N.,
S. Bdy. T. 21 N., R. 31 E.

Chains

S C.
T 21 N R. 31 E
S 33 | S 34

1947

from which

A juniper, 12 ins. diam., bears N. $41\frac{1}{2}^{\circ}$ E., 103 lks.
dist., mkd. T 21 N R 31 E S 34 S C B T.

A juniper, 4 ins. diam., bears N. 7° W., 100 lks.
dist., mkd. T 21 N R 31 E S 33 S C B T.

Land, rolling.

Soil, sandy:

Timber, juniper; undergrowth, sage and low desert brush.
Good growth of native grass.

S. $89^{\circ} 21'$ E., along the S. bdy. of sec. 34.

Over rolling land, through heavy juniper timber.

10.81 The standard closing corner of T. 21 N., R. 31 E. on the
Arizona and New Mexico State boundary.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage and low desert brush.
Good growth of native grass.

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

Reestablishment of the Survey Executed by
Chandler Robbins, U. S. Astronomer and Surveyor in 1875.

From the 119th Mi. Cor. on the Arizona and New Mexico
State boundary, which is monumented with an iron post,
2 ins. diam., firmly set, marked and witnessed as de-
scribed in the official record.

S. $0^{\circ} 04'$ E., on the 120th mile.

Over gently rolling land, along the east side of a small
valley which drains north into the Rio Puerco.

0.20 The closing corner of secs. 10 and 15, T. 12 N., R. 21 W.,
New Mexico Prin. Mer. and is monumented with an iron post
2 ins. diam., firmly set, marked and witnessed as de-
scribed in the official record.

10.40 Top of a low hill, bears N. 10° W. and S. 45° W.

24.50 Wash, 30 lks. wide, 1 ft. deep, course NW.

49.00 Leave rolling land, bears NE. and SW.; asc. 161 ft. over
a broken NW. slope.

64.60 Spur, slopes W.; desc. 50 ft. over a S. slope.

79.30 True point for the 120th Mi. Cor., at proportionate dist.
falls on the steep south bank of a gulch, drains W.
there is no remaining evidence of the original corner

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

Chains

Land, N. 49 chs., rolling; remainder, broken and hilly.
Soil, N. 49 chs., sandy; remainder, gravelly clay.
Timber, scattering juniper; undergrowth, sparse low brush.
Fair growth of native grass.

S. 0° 04' E., on the 121st mile.

Over rolling land, through scattering juniper timber.

Ascend 30 ft. over a steep N. slope.

0.35 Top of steep ascent, bears E. and W.

1.00 Point for the witness 120th Mi. Cor.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the
ground, with brass cap mkd.

W C
120 M
ARIZ | N MEX
1947

from which

A juniper, 20 ins. diam., bears S. 33½° E., 165 lks.
dist., mkd. W C 120 M N MEX B T.

A juniper, 9 ins. diam., bears S. 7½° W., 197 lks.
dist., mkd. W C 120 M ARIZ B T.

1.34 Fall 17 lks. W. of the closing corner of secs. 15 and 22,
T. 12 N., R. 21 W., New Mexico Prin. Mer., which is
monumented with a sandstone, 20x12x4 ins. above ground,
firmly set, mkd. CC NM on E. face, 3 grooves on N. and 3
grooves on S. edges.

11.00 Wash, 10 lks. wide, 3 ft. deep, course S. 30° W.

40.00 Wire fence, bears E. and W.

45.30 Road, bears E. and W.

63.70 Wash, 1 ch. wide, course W.; asc. a gradual N. slope.

79.30 Point for the 121st Mi. Cor., at proportionate distance;
there is no remaining evidence of the original corner.

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

121 M
ARIZ | N MEX
1947

from which

A juniper, 4 ins. diam., bears N. 46½° E., 29 lks.
dist., mkd. 121 M N MEX B T.

A juniper, 14 ins. diam., bears N. 81½° W., 86 lks.
dist., mkd. 121 M ARIZ B T.

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

BOOK 4688

Chains

Land, rolling.
Soil, sandy.
Timber, juniper; undergrowth, sparse low brush.
Fair growth of native grass.

S. 0° 04' E., on the 122nd mile.

Over hilly land.

Ascend 162 ft. over a NW. slope.

20.00 Enter top of mesa, bears NE. and SW.; thence over rolling top of same.

20.70 Road, bears NE. and SW.

28.30 Recross road, bears NW. and SE.; leave timber, bears E. and W.; thence across sage brush flat.

39.70 Leave clearing, bears E. and W.; enter timber and rolling land.

65.00 Leave top of mesa, bears NE. and SW.; desc. over a SE. slope.

79.30 Point for the 122nd Mi. Cor., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, with brass cap mkd.

122 M
ARIZ | N MEX
1947

from which

A pinon, 9 ins. diam., bears S. 67½° E., 78 lks. dist., mkd. 122 M N MEX B T.

A pinon, 6 ins. diam., bears N. 53½° W., 39 lks. dist., mkd. 122 M ARIZ B T.

Land, N. 20 chs., hilly; remainder rolling.
Soil, sandy and gravelly.
Timber, juniper and pinon; undergrowth, sage.
Fair growth of native grass.

S. 0° 04' E., on the 123rd mile.

Over hilly land, through heavy timber.

Descend 181 ft. over a SE. slope.

13.85 Wash, 80 lks. wide, 1 ft. deep, course S. 30° W.

36.50 Wash, 90 lks. wide, 2 ft. deep, course SW.; asc. 110 ft. over a NW. slope.

45.30 Spur, slopes W.; desc. 160 ft. over a S. slope.

55.65 Top of rock bluff, 65 ft. high, bears E. and W.

56.50 Foot of bluff, bears E. and W.

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

Chains

- 66.00 Right bank of White Water Creek, 15 ft. high, bears E. and W.; thence across dry creek bed.
- 74.35 Leave White Water Creek bed, bears E. and W.; asc. 30 ft. over steep left bank of creek.
- 79.30 Point for the 123rd Mi. Cor., at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with brass cap mkd.

123 M
ARIZ | N MEX
1947

from which

A pinon, 8 ins. diam., bears S. $51\frac{1}{2}^{\circ}$ E., 31 lks. dist., mkd. 123 M N MEX B T.

A point, 4 ft. above ground, on a sandstone bluff, 20 ft. high, bears N. 84° W., 16 lks. dist., mkd. 123 M B+O ARIZ.

Land, broken and hilly.

Soil, sandy and gravelly:

Timber, juniper and scattering pinon; undergrowth, sparse sage brush. Fair growth of native grass.

S. $0^{\circ} 04'$ E., on the 124th mile.

Ascend 217 ft. over a broken N. slope of mesa.

- 13.70 Enter top of mesa, bears E. and W.; thence over rolling top of same.
- 73.00 Grassy draw, 3 chs. wide, drains SW.
- 79.30 Point for the 124th Mi. Cor., at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, with brass cap mkd.

124 M
ARIZ | N MEX
1947

from which

A juniper, 12 ins. diam., bears N. 68° E., 91 lks. dist., mkd. 124 M N MEX B T.

A juniper, 18 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ W., 78 lks. dist., mkd. 124 M ARIZ B T.

Land, rolling, on top of mesa; N. 14 chs. hilly and broken. Soil, sandy.

Timber, heavy juniper, scattering pinon; undergrowth, sparse sage.

Fair growth of native grass.

115

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

Chains	<p>S. 0° 04' E., on the 125th mile.</p> <p>Over rolling top of mesa, through heavy juniper timber.</p> <p>79.30 Point for the 125th Mi. Cor.; at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground with brass cap mkd.</p> <p style="text-align: center;">125 M ARIZ N MEX 1947</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 48$\frac{3}{4}$° E., 57 lks. dist., mkd. 125 M N MEX B T.</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears N. 34$\frac{3}{4}$° W., 118 lks. dist., mkd. 125 M ARIZ B T.</p> <p>Land, rolling. Soil, sandy. Timber, juniper; undergrowth, sage. Fair growth of native grass.</p> <hr style="border-top: 1px dashed black;"/> <p>S. 0° 04' E., on the 126th mile.</p> <p>Over heavily rolling land.</p> <p>Ascend 68 ft. over a NW. slope.</p> <p>25.00 Top of ridge, bears N. 40° E. and S.; desc. gradually along top of same.</p> <p>38.00 Leave top of ridge, bears N. and S. 60° W.; desc. 137 ft. over a gradual SE. slope.</p> <p>.68.90 Wash, 20 lks. wide, 1 ft. deep, course W.</p> <p>79.30 Point for the 126th Mi. Cor., at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">126 M ARIZ N MEX 1947</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 75$\frac{3}{4}$° E., 94 lks. dist., mkd. 126 M N MEX B T.</p> <p style="padding-left: 40px;">A juniper, 13 ins. diam. bears N. 79° W., 69 lks. dist., mkd. 126 M ARIZ B T.</p> <p>Land, heavily rolling. Soil, sandy and gravelly. Timber, juniper; undergrowth, sage. Fair growth of native grass.</p> <hr style="border-top: 1px dashed black;"/>
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Dependent Resurvey of a Portion of the Arizona-New Mexico State Boundary.

Chains	<p>S. 0° 04' E., on the 127th mile.</p> <p>Over rolling land, through heavy juniper timber.</p> <p>9.50 Road, bears E. and W.</p> <p>53.55 Point for the standard closing corner of T. 21 N., R. 31 E. Gila and Salt River Mer.; at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>T 21 N</td><td> </td><td></td></tr> <tr><td></td><td>R 31 E</td><td> </td><td></td></tr> <tr><td></td><td>S 34</td><td> </td><td></td></tr> <tr><td>CC</td><td colspan="2">-----</td><td>N MEX</td></tr> </table> <p>1947</p> </div> <p>from which</p> <p>A juniper, 10 ins. diam., bears N. 40° W., 66 lks. dist., mkd. T 21 N R 31 E S 34 CC B T.</p> <p>A juniper, 9 ins. diam., bears N. 16½° W., 76 lks. dist., mkd. T 21 N R 31 E S 34 CC B T.</p> <p>75.60 Ridge, bears E. and W.; desc. SE. slope.</p> <p>79.30 Point for the 127th Mi. Cor., at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>127 M</td><td></td></tr> <tr><td></td><td>ARIZ</td><td> N MEX</td></tr> <tr><td></td><td colspan="2">-----</td></tr> <tr><td></td><td>1947</td><td></td></tr> </table> </div> <p>from which</p> <p>A juniper, 14 ins. diam., bears S. 41½° E., 45 lks. dist., mkd. 127 M N MEX B T.</p> <p>A juniper, 8 ins. diam., bears N. 75° W., 30 lks. dist., mkd. 127 M ARIZ B T.</p> <p>Land, rolling. Soil, sandy. Timber, juniper; undergrowth, sage. Fair growth of native grass.</p> <hr style="border-top: 1px dashed black;"/> <p>S. 0° 04' E., on the 128th mile.</p> <p>Over rolling land, through heavy juniper timber.</p> <p>Descend gradual S. slope.</p> <p>67.20 Center of grassy draw, 4 chs. wide, drains W.; asc. gradual N. slope.</p> <p>79.30 The 128th Mi. Cor., monumented by an alligator juniper, 38 ins. diam., mkd. 32 W L on S. and 12 on N. sides, other markings illegible; additionally mark this tree, 128 M on N., N MEX on E. and ARIZ on W. sides.</p>		T 21 N				R 31 E				S 34			CC	-----		N MEX		127 M			ARIZ	N MEX		-----			1947	
	T 21 N																												
	R 31 E																												
	S 34																												
CC	-----		N MEX																										
	127 M																												
	ARIZ	N MEX																											

	1947																												

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Boundary.

BOOK 4683

Chains

From this corner, the closing corner of secs. 27 and 34, T. 11 N., R. 21 W., New Mexico Prin. Mer., bears SOUTH, 6.80 chs. dist. and is marked with a juniper post, 4 ins. diam., 24 ins. above ground, firmly set, mkd. NMS on N. and CC on E. faces, other marks illegible.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage. Fair growth of native grass.

Dependent Resurvey of the West Boundary, T. 21 N., R. 26 E.
Gila and Salt River Meridian, Arizona.

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

From the standard corner of Tps. 21 N., Rs. 25 and 26 E.
N. 0° 06' E., bet. secs. 31 and 36.

Over rolling land, through scattering juniper timber.

- 5.25 Old road, bears NE. and SW.
- 20.00 Old road, bears NE. and SW.
- 28.00 Low ridge, bears NE. and SW.; desc. over a NW. slope into the basin of Dead River.
- 34.35 Wash, course W.
- 37.00 Spur, slopes W.
- 40.63 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 36 \mid \text{S } 31 \\ 1947 \end{array}$$

from which

A juniper, 8 ins. diam., bears N. 34 $\frac{1}{2}$ ° W., 152 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A juniper, 12 ins. diam., bears S. 6 $\frac{3}{4}$ ° E., 302 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

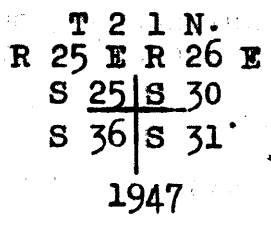
Over gently rolling land.

- 51.50 Wash, 20 lks. wide, course W.
- 69.00 Wash, 10 lks. wide, 4 ft. deep, course W.
- 81.26 Point for the corner of secs. 25, 30, 31 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey, W. Bdy., T. 21 N., R. 26 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.



from which

A juniper, 12 ins. diam., bears N. 16½° E., 221 lks. dist., mkd. T 21 N R 26 E S 30 B T.

A juniper, 9 ins. diam., bears S. 21¼° E., 145 lks. dist., mkd. T 21 N R 26 E S 31 B T.

A juniper, 6 ins. diam., bears S. 30½° W., 342 lks. dist., mkd. T 21 N R 25 E S 36 B T.

A juniper, 4 ins. diam., bears N. 37¾° W., 105 lks. dist., mkd. T 21 N R 25 E S 25 B T.

Land, rolling;
Soil, sandy.
Timber, juniper; undergrowth, sage.
Fair growth of native grass.

N. 0° 06' E., bet. secs. 25 and 30.

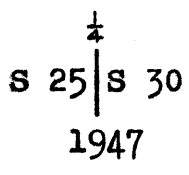
Over gently rolling land, through scattering juniper.

19.25 Wash, 15 lks. wide, course W.

38.85 Wash, 20 lks. wide, course S. 40° W.

40.63 Point for the ¼ sec. cor. of secs. 25 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.



from which

A juniper, 10 ins. diam., bears S. 72° E., 178 lks. dist., mkd. ¼ S 30 B T.

A juniper, 14 ins. diam., bears N. 35° W., 89 lks. dist., mkd. ¼ S 25 B T.

Ascend 55 ft. over a S. slope.

56.25 Road, bears N. 60° E. and S. 60° W. on top of a wide topped spur, slopes S. 60° W.; desc. 52 ft. over a NW. slope.

68.25 Wash, 10 lks. wide, 3 ft. deep, course W.

70.25 Spur, slopes W.

Dependent Resurvey, W. Bdy., T. 21 N., R. 26 E.

BOOK 487

Chains

73.45 Foot of the slope; asc. a SW. slope.

81.26 Point for the cor. of secs. 19, 24, 25 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 29 ins. in the ground, with brass cap mkd.

T 2 1 N
R 25 E R 26 E

S 24 S 19
S 25 S 30

1947

from which

A juniper, 6 ins. diam., bears N. $52\frac{3}{4}^{\circ}$ E., 173 lks. dist., mkd. T 21 N R 26 E S 19 B T.A juniper, 10 ins. diam., bears S. 58° E., 126 lks. dist., mkd. T 21 N R 26 E S 30 B T.A juniper, 16 ins. diam., bears S. $15\frac{1}{4}^{\circ}$ W., 50 lks. dist., mkd. T 21 N R 25 E S 25 B T.A juniper, 10 ins. diam., bears N. $31\frac{3}{4}^{\circ}$ W., 106 lks. dist., mkd. T 21 N R 25 E S 24 B T.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage.

Fair growth of native grass.

N. $0^{\circ} 06'$ E., bet. secs. 19 and 24.

Over rolling land.

Ascend 17 ft. over a SW. slope.

3.40 Spur, slopes SW.; desc. 52 ft. over a NW. slope.

11.00 Foot of the slope; thence over gently rolling land.

34.00 Wash, 75 lks. wide, course S. 30° W.40.63 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, at proportionate distance; there is no evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 24 S 19

1947

from which

A juniper, 10 ins. diam., bears N. $89\frac{3}{4}^{\circ}$ E., 176 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.A juniper, 10 ins. diam., bears S. $86\frac{1}{2}^{\circ}$ W., 119 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

Dependent Resurvey, W. Bdy., T. 21 N., R 26 E.

Chains	Ascend 29 ft. over a gradual SE. slope.
65.20	Road, bears E. and W.
71.75	Spur, slopes SW.; desc. over a N. slope.
78.35	Road, bears E. and W.
81.26	Point for the cor. of secs. 13, 18, 19 and 24, at proportionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p>T 2 1 N R 25 E R 26 E S 13 S 18 S 24 S 19 1947.</p>
	from which
	A juniper, 12 ins. diam., bears N. 18° E., 79 lks. dist., mkd. T 21 N R 26 E S 18 B T.
	A juniper, 20 ins. diam., bears S. 30½° E., 46 lks. dist., mkd. T 21 N R 26 E S 19 B T.
	A juniper, 12 ins. diam., bears S. 66¼° W., 61 lks. dist., mkd. T 21 N R 25 E S 24 B T.
	A juniper, 10 ins. diam., bears N. 11° W., 76 lks. dist., mkd. T 21 N R 25 E S 13 B T.
	Land, rolling. Soil, sandy and gravelly. Timber, juniper; undergrowth, sage and low desert brush. Fair growth of native grass.

	N. 0° 06' E., bet. secs. 13 and 18:
	Over rolling land; through scattering juniper timber.
	Descend gradual NW. slope.
4.70	Wash, 20 lks. wide; course S. 40° W.; asc. along an E. slope.
11.75	Road, bears NW. and SE.
18.60	Spur, slopes W.; desc. 29 ft. over a N. slope.
25.50	Wash, 10 lks. wide, course W.; asc. 23 ft. over a S. slope.
29.80	Spur, slopes W.; desc. N. slope.
39.20	Wash, 15 lks. wide, course W.; asc. over a S. slope.
40.63	Point for the ¼ sec. cor. of secs. 13 and 18, at proportionate distance; there is no remaining evidence of the original corner.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey, W. Bdy., T. 21 N., R. 26 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 13 \text{ | S } 18 \\ 1947 \end{array}$$

from which

A juniper, 8 ins. diam., bears N. 74° E., 22 lks.
dist., mkd. $\frac{1}{4}$ S 18 B T.

A juniper, 10 ins. diam., bears N. $33\frac{3}{4}^{\circ}$ W., 106 lks.
dist., mkd. $\frac{1}{4}$ S 13 B T.

44.30 Spur, slopes W.; desc. 69 ft. over a N. slope.

64.70 Wash, 10 lks. wide, course SW.; asc. over a S. slope.

74.20 Spur, slopes E.; desc. over a N. slope.

77.65 Small drain, course SW.; asc. gradual SE. slope.

81.26 Point for the cor. of secs. 7, 12, 13 and 18, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground with brass cap mkd.

$$\begin{array}{c} \text{T } 21 \text{ N} \\ \text{R } 25 \text{ E R } 26 \text{ E} \\ \text{S } 12 \text{ | S } 7 \\ \hline \text{S } 13 \text{ | S } 18 \\ 1947 \end{array}$$

from which

A juniper, 14 ins. diam., bears N. $17\frac{3}{4}^{\circ}$ E., 188 lks.
dist., mkd. T 21 N R 26 E S 7 B T.

A juniper, 10 ins. diam., bears S. $73\frac{1}{4}^{\circ}$ E., 211 lks.
dist., mkd. T 21 N R 26 E S 18 B T.

A juniper, 16 ins. diam., bears S. $86\frac{1}{4}^{\circ}$ W., 132 lks.
dist., mkd. T 21 N R 25 E S 13 B T.

A juniper, 16 ins. diam., bears N. 20° W., 117 lks.
dist., mkd. T 21 N R 25 E S 12 B T.

Land, rolling.

Soil, sandy and gravelly.

Timber, juniper; undergrowth, sage.

Fair growth of native grass.

N. 0° 06' E., bet. secs. 7 and 12.

Over rolling land, through scattering juniper timber.

10.30 Spur, slopes SW.; desc. 34 ft. over a NW. slope.

14.80 Foot of slope, bears E. and W.

22.45 Wash, 15 lks. wide, 1 ft. deep, course W.

26.50 Low sand ridge, bears E. and W.

40.63 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, at proportionate distance; there is no remaining evidence of the

Chains

original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S 12 | S 7
 1947

from which

A juniper, 10 ins. diam., bears S. $32\frac{3}{4}^\circ$ E., 532 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

A juniper, 8 ins. diam., bears S. $13\frac{3}{4}^\circ$ W., 300 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

41.00 Cut bank, 9 ft. high, bears E. and W.

47.45 Left bank of a wash, 15 ft. high, bears S. 50° W. and N. 50° E.

55.15 Right bank of wash, 20 ft. high, bears S. 50° W. and N. 50° E.

81.26 Point for the cor. of secs. 1, 6, 7 and 12, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 2 1 N
 R 25 E R 26 E
 S 1 | S 6
 S 12 | S 7
 1947.

from which

A juniper, 14 ins. diam., bears N. $4\frac{3}{4}^\circ$ E., 225 lks. dist., mkd. T 21 N R.26 E S 6 B T.

A juniper, 5 ins. diam., bears S. $37\frac{1}{2}^\circ$ E., 363 lks. dist., mkd. T 21 N R.26 E S 7 B T.

A juniper, 4 ins. diam., bears S. 60° W., 13 lks. dist., mkd. B T.

A juniper, 8 ins. diam., bears N. $23\frac{1}{2}^\circ$ W., 424 lks. dist., mkd. T 21 N R 25 E S 1 B T.

Land, rolling.

Soil, sandy and gravelly.

Timber, juniper; undergrowth, sage.

Fair growth of native grass.

N. $0^\circ 06'$ E., bet. secs. 1 and 6.

Over rolling land, through scattering juniper,

Ascend 46 ft. over a SW. slope.

17.00 Spur, slopes SE.; desc. 23 ft. over a NE. slope.

Dependent Resurvey, W. Bdy., T. 21 N., R. 26 E.

BOOK 488

Chains
22.20

Draw, drains SE.

40.63

Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 1 \text{ | S } 6 \\ 1947 \end{array}$$

from which

A juniper, 14 ins. diam., bears N. 67° E., 82 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.A juniper, 5 ins. diam., bears N. $80\frac{1}{2}^{\circ}$ W., 18 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

41.80 Begin ascent of spur.

46.90 Spur, slopes E.

51.50 Descend 21 ft. over N. slope of spur.

52.50 Old road, bears E. and W.

52.60 Drain, course E.

80.00 Low spur, slopes SE.

81.26 Point for the cor. of Tps. 21 and 22 N., Rs. 25 and 26 E., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T } 2 \text{ 2 N} \\ \text{R } 25 \text{ E R } 26 \text{ E} \\ \text{S } 36 \text{ | S } 31 \\ \text{S } 1 \text{ | S } 6 \\ \text{T } 2 \text{ 1 N} \\ 1947 \end{array}$$

from which

A juniper, 10 ins. diam., bears N. 30° E., 149 lks. dist., mkd. T 22 N R 26 E S 31 B T.A juniper, 10 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ E., 202 lks. dist., mkd. T 21 N R 26 E S 6 B T.A juniper, 12 ins. diam., bears S. $81\frac{1}{2}^{\circ}$ W., 286 lks. dist., mkd. T 21 N R 25 E S 1 B T.A juniper, 16 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ W., 200 lks. dist., mkd. T 22 N R 25 E S 36 B T.From this point, the cor. of secs. 19, 24, 25 and 30, Tps. 22 N., Rs. 25 and 26 E., bears N. $2^{\circ} 07'$ E., 162.62 chs. dist. and is monumented with a sandstone, 6x6x1 in. above ground, mkd. 4 grooves on N. and 2 grooves on S. faces. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Chains

From the same point, the cor. of secs. 4, 5, 32 and 33, Tps. 21 and 22 N., R. 25 E., bears S. 89° 28' W., 320.08 chs. dist. and is marked by a sandstone, 10x6x6 ins., lying on top of the ground, dimly mkd. 2 grooves on W. face, other marks could not be found. The location of the corner stone is closely related to the position of the 1/4 sec. cor. of secs. 27 and 28, T. 22 N., R. 25 E. which was found and the calls of the record for the distance to Wide Ruin Wash to the west and is accepted as marking the position of the original corner.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 25 E

S 32 | S 33

S 5 | S 4

T 2 1 N

1947

dig pits, 18x18x12 ins., in each sec., 3 ft. dist. and bury the original corner stone alongside the iron post.

The rock house at Tanner's Springs, bears N. 22° 40' E.

Land, rolling.

Soil, sandy and gravelly.

Timber, juniper; undergrowth, sage.

Fair growth of native grass.

Dependent Resurvey, N. Bdy., T. 21 N., R. 26 E.

Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

From the cor. of Tps. 21 and 22 N., Rs. 25 and 26 E.

S. 89° 16' E., bet. secs. 6 and 31.

Over rolling land, through scattering juniper timber.

Descend gradually along a general S. slope.

39.42 Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

1/4 S 31
S 6
1947

from which

A juniper, 9 ins. diam., bears N. 38° W., 341 lks. dist., mkd. 1/4 S 31 B T.

A juniper, 12 ins. diam., bears S. 55 1/4° W., 373 lks. dist., mkd. 1/4 S 6 B T.

42.80 Wash, 150 lks. wide, 7 ft. deep, course S. for 2 chs. to a junction with a wash from NE.

Dependent Resurvey, N. Bdy., T. 21 N., R 26 E.

- Chains
 45.60 Wash, 130 lks. wide, 10 ft. deep, course S. 40° W.; asc. 60 ft. over a NW. slope.
- 51.40 Low spur, slopes SW.; desc. a gradual SE. slope.
- 77.70 Road, bears N. 60° E. and S. 60° W.
- 78.65 Drain in center of a grassy draw, course S. 70° W.
- 79.43 Point for the cor. of secs. 5, 6, 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 26 E

S 31 | S 32

S 6 | S 5

T 2 1 N

1947

from which

A juniper, 8 ins. diam., bears S. 35½° E., 160 lks. dist., mkd. T 21 N R 26 E S 5 B T.

A juniper, 7 ins. diam., bears N. 8° W., 470 lks. dist., mkd. T 22 N R 26 E S 31 B T.

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

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage.

Good growth of grama grass.

S. 89° 16' E., bet. secs. 5 and 32.

Over rolling land, through scattering juniper timber.

Ascend gradual NW. slope.

- 21.35 Spur, slopes S.; desc. 85 ft. over an E. slope.

- 40.01 Point for the ¼ sec. cor. of secs. 5 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

¼ S 32
 ¼ S 5
 1947

from which

A juniper, 14 ins. diam., bears N. 72¼° W., 256 lks. dist., mkd. ¼ S 32 B T.

A juniper, 4 ins. diam., bears S. 71½° E., 80 lks. dist., mkd. ¼ S 5 B T.

Chains

- 41.15 Wash, 15 lks. wide, 1 ft. deep, course S. 45° W.; asc. 37 ft. over a W. slope.
- 63.35 Spur, slopes S.; desc. 23 ft. over an E. slope.
- 72.15 Grassy draw, 1 ch. wide, drains S.; asc. 27 ft. over a W. slope.
- 80.02 Point for the cor. of secs. 4, 5, 32 and 33 at proportionate dist., there is no remaining evidence of the original corner.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 26 E

S 32 | S 33

S 5 | S 4

T 2 1 N

1947

from which

A juniper, 14 ins. diam., bears N. 21½° E., 197 lks. dist., mkd. T 22 N R 26 E S 33 B T.

A juniper, 6 ins. diam., bears S. 38½° E., 47 lks. dist., mkd. T 21 N R 26 E S 4 B T.

A juniper, 10 ins. diam., bears S. 74° W., 83 lks. dist., mkd. T 21 N R 26 E S 5 B T.

A juniper, 10 ins. diam., bears N. 59½° W., 127 lks. dist., mkd. T 22 N R 26 E S 32 B T.

Land, rolling.

Soil, sandy.

Timber, juniper; undergrowth, sage.

Good growth of grama grass.

S. 89° 16' E., bet. secs. 4 and 33.

Over rolling land, through scattering juniper timber.

Ascend over a W. slope.

- 33.00 Enter top of table land, bears N. and S.; thence over rolling top of same.

- 40.01 Point for the ¼ sec. cor. of secs. 4 and 33, at proportionate distance; there is no remaining evidence of the original corner.

¼ S 33

S 4

1947

from which

A juniper, 5 ins. diam., bears N. 47° E., 237 lks. dist., mkd. ¼ S 33 B T.

A juniper, 30 ins. diam., bears S. 33½° E., 332 lks. dist., mkd. ¼ S 4 B T.

- 80.02 Point for the cor. of secs. 3, 4, 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey, N. Bdy., T. 21 N., R. 26 E.

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Chains

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 26 E

S 33 | S 34

S 4 | S 3

T 2 1 N

1947

from which

A juniper, 16 ins. diam., bears N. 22° E., 165 lks. dist., mkd. T 22 N R 26 E S 34 B T.

A juniper, 12 ins. diam., bears S. 68½° W., 93 lks. dist., mkd. T 21 N R 26 E S 4 B T.

Dig pits 18x18x12 ins., in secs. 3 and 33, 3 ft. dist.

Land, rolling.

Soil, sandy, and gravelly.

Timber, juniper; undergrowth, sage.

Good growth of grama grass.

S. 89° 16' E., bet. secs. 3 and 34.

Over rolling land, through scattering timber.

40.01 Point for the ¼ sec. cor. of secs. 3 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 34

¼

S 3

1947

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

74.60 Drain, course SW.

80.02 Point for the cor. of secs. 2, 3, 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 22 N R 26 E

S 34 | S 35

S 3 | S 2

T 2 1 N

1947

from which

A juniper, 16 ins. diam., bears N. 76° E., 207 lks. dist., mkd. T 22 N R 26 E S 35 B T.

A juniper, 18 ins. diam., bears S. 52¾° E., 84 lks. dist., mkd. T 21 N R 26 E S 2 B T.

Dependent Resurvey, N. Bdy., T. 21 N., R. 26 E.

Chains

A juniper, 3 ins. diam., bears S. 6½° W., 190 lks. dist., mkd. B T.

A juniper, 3 ins. diam., bears N. 65° W., 320 lks. dist., mkd. B T.

Land, rolling.
Soil, sandy.
Timber, juniper; undergrowth, sage.
Good growth of grama grass.

S. 89° 16' E., bet. secs. 2 and 35.

Over rolling land, through scattering timber.

35.00 Sand ridge, bears NE. and SW.

40.01 Point for the ¼ sec. cor. of secs. 2 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

S 35
—
S 2
1947

from which

A juniper, 6 ins. diam., bears N. 12½° E., 36 lks. dist., mkd. ¼ S 35 B T.

A juniper, 12 ins. diam., bears S. 87½° W., 14 lks. dist., mkd. ¼ S 2 B T.

Ascend over a general SW. slope.

69.00 Sand ridge, bears NE. and SW.; desc. a gradual SE. slope.

80.02 Point for the cor. of secs. 1, 2, 35 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 26 E
S 35 | S 36
—
S 2 | S 1
T 21 N
1947

from which

A juniper, 14 ins. diam., bears N. 62½° E., 304 lks. dist., mkd. T 22 N R 26 E S 36 B T.

A juniper, 12 ins. diam., bears S. 34½° E., 72 lks. dist., mkd. T 21 N R 26 E S 1 B T.

A juniper, 12 ins. diam., bears S. 45° W., 213 lks. dist., mkd. T 21 N R 26 E S 2 B T.

A juniper, 8 ins. diam., bears N. 39½° W., 486 lks. dist., mkd. T 22 N R 26 E S 35 B T.

Dependent Resurvey, N. Bdy., T. 21 N., R. 26 E.

Chains

Land, rolling.
Soil, sandy.
Timber, juniper; undergrowth, sage.
Good growth of grama grass.

S. 89° 16' E., bet. secs. 1 and 36.

Over-rolling land, through scattering timber.

15.50 Center of a grassy draw, 4 chs. wide, drains SW.

40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

S 36
 $\frac{1}{4}$ ———
S 1
1947

from which

A juniper, 14 ins. diam., bears N. 35° E., 152 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A juniper, 12 ins. diam., bears S. 54 $\frac{3}{4}$ ° E., 235 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

80.02 Point for the cor. of Tps. 21 and 22 N., Rs. 26 and 27 E., at proportionate distance in departure and record dist. in latitude from the standard corner of Tps. 21 N., Rs. 26 and 27 E., (no corners were found to the N.); there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground with brass cap mkd.

T 2 2 N.
R 26 E R 27 E
S 36 | S 31
S 1 | S 6
T 2 1 N
1947

from which

A juniper, 16 ins. diam., bears N. 48° E., 510 lks. dist., mkd. T 22 N R 27 E S 31 B T.

A juniper, 6 ins. diam., bears S. 54 $\frac{3}{4}$ ° E., 369 lks. dist., mkd. T 21 N R 27 E S 6 B T.

A juniper, 16 ins. diam., bears S. 84 $\frac{1}{4}$ ° W., 210 lks. dist., mkd. T 21 N R 26 E S 1 B T.

A juniper, 12 ins. diam., bears N. 67 $\frac{1}{4}$ ° W., 153 lks. dist., mkd. T 22 N R 26 E S 36 B T.

From this point, the standard corner of Tps. 21 N., Rs. 26 and 27 E., bears S. 0° 19' W., 480.00 chs. dist. and is monumented with a sandstone, 16x12x6 ins., firmly set in a mound of stone, 3 ft. base, 10 ins. high, mkd. S C on N., 6 grooves on N., E. and W. faces. The bearing trees of record were not found. Raise a mound of stone,

Chains

2 ft. base, 1½ ft. high, N. of cor.
Land, rolling.
Soil, sandy.
Timber, juniper; undergrowth, sage.
Good growth of grama grass.

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.
Reestablishment of the Survey Executed by
F. Follman, Deputy Surveyor in 1882.

From the cor. of Tps. 21 and 22 N., Rs. 26 and 27 E.
N. 89° 27' E., bet. secs. 6 and 31.
Over rolling land, through scattering juniper timber.

38.66

Point for the ¼ sec. cor. of secs. 6 and 31, at proportionate distance; there is no remaining evidence of the original corner.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground with brass cap mkd.

S 31
¼
S 6
1947

from which

- A juniper, 16 ins. diam., bears N. 52½° E., 39 lks. dist., mkd. ¼ S 31 B T.
- A juniper, 10 ins. diam., bears S. 10¼° W., 166 lks. dist., mkd. ¼ S 6 B T.

43.15

Leave table land, bears N. and S.; desc. 142 ft. over an E. slope.

60.40

Wash, 40 lks. wide, 6 ft. deep, course NE.

78.67

Point for the cor. of secs. 5, 6, 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.
Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 22 N R 27 E
S 31 | S 32
S 6 | S 5
T 21 N
1947

from which

- A juniper, 12 ins. diam., bears N. 16½° E., 126 lks. dist., mkd. T 22 N R 27 E S 32 B T.
- A juniper, 8 ins. diam., bears S. 51½° E., 123 lks. dist., mkd. T 21 N R 27 E S 5 B T.
- A juniper, 16 ins. diam., bears S. 8¼° W., 156 lks. dist., mkd. T 21 N R 27 E S 6 B T.

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

Chains

A juniper, 6 ins. diam., bears N. $24\frac{1}{2}^{\circ}$ W., 156 lks. dist., mkd. T 22 N R 27 E S 31 B T.

Land, W. 43 chs., rolling table land; remainder hilly and broken.

Soil, W. 43 chs., sandy; remainder sandy and gravelly.

Timber, juniper; undergrowth, sage.

Good growth of grama grass.

N. $89^{\circ} 27'$ E., bet. secs. 5 and 32.

Over hilly land, through scattering timber.

5.45 Center of a grassy draw, drains NE.; asc. 23 ft. over a NW. slope.

9.25 Spur, slopes NE.; desc. 33 ft. over a broken NE. slope.

40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 32

$\frac{1}{4}$
S 5
1947

from which

A juniper, 12 ins. diam., bears N. 52° E., 20 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

A juniper, 14 ins. diam., bears S. $12\frac{1}{4}^{\circ}$ E., 34 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

Continue descent over a broken NE. slope.

59.10 Ravine, course N. 40° E.,

73.80 Wash, 30 lks. wide, 4 ft. deep, course S. 45° W.; asc. 15 ft. over a W. slope.

77.00 Spur, slopes S.; desc. over an E. slope.

79.30 Wash, 15 lks. wide, 2 ft. deep, course S. 10° W.

80.02 The cor. of secs. 4, 5, 32 and 33, which is monumented with a juniper post, 3 ins. diam., 4 ft. long, firmly set in a mound of stone, 3 ft. base, 2 ft. high, mkd. T XXI N R XXVII E on SE., S XXXIII on NE. and T XXII N R XXVII E on NW. faces. with 4 notches on E. and 2 notches on W. edges. Other markings illegible.

At the corner point

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 22 N R 27 E

S 32 | S 33

S 5 | S 4

T 21 N

1947

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

Chains

from which.

A juniper, 10 ins. diam., bears N. $36\frac{1}{2}^\circ$ E., 58 lks. dist., mkd. T 22 N R 27 E S 33 B T.

A juniper, 10 ins. diam., bears S. $84\frac{3}{4}^\circ$ E., 130 lks. dist., mkd. T 21 N R 27 E S 4 B T.

A juniper, 12 ins. diam., bears S. $44\frac{1}{2}^\circ$ W., 156 lks. dist., mkd. T 21 N R 27 E S 5 B T.

A juniper, 8 ins. diam., bears N. 45° W., 60 lks. dist., mkd. T 22 N R 27 E S 32 B T.

Reset the original wood post, inverted alongside the iron post.

Land, broken and hilly.
Soil, sandy and gravelly.
Timber, juniper; undergrowth, sage.
Good growth of grama grass.

S. $89^\circ 38'$ E., bet. secs. 4 and 33.

Over broken and hilly land, through scattering timber.

Ascend 38 ft. over an W. slope.

- 6.35 Spur, slopes S.; desc. over an E. slope.
- 11.00 Wash, 15 lks. wide, 3 ft- deep, course S. 70° W.,
- 33.55 Wash, 10 lks., wide, 1 ft. deep, course S. 45° W.
- 39.45 Ridge, bears N. and S.; desc. over a broken SE. slope.
- 39.91 Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{r} .S\ 33 \\ \frac{1}{4} \\ \hline S\ 4 \end{array}$$

from which

A juniper, 10 ins. diam., bears N. $41\frac{1}{4}^\circ$ E., 208 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

A juniper, 5 ins. diam., bears S. $40\frac{1}{2}^\circ$ E., 123 lks. dist., mkd. $\frac{1}{4}$ S 4 B.T.

Descend over a broken SE. slope.

- 68.65 Top of steep descent, bears N. and S.; desc. 65 ft. over a steep E. slope.
- 71.85 Foot of steep descent, bears N. and S.
- 72.95 Wash, 80 lks. wide, 4 ft; deep, course SE.
- 79.82 Point for the cor. of secs. 3, 4, 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 27 E

S 33 | S 34

S 4 | S 3

T 2 1 N

1947

dig pits, 18x18x12 ins., in each section, 3 ft. dist.

Land, broken and hilly.
Soil; sandy and gravelly.
Timber, juniper; undergrowth, sage.
Good growth of grama grass.

S. 89° 38' E., bet. secs. 3 and 34.

Over rolling land, through scattering timber.
Ascend 106 ft. over a broken S. slope.

- 5.00 Sand ridge, bears N. and S.
- 10.90 Spur, slopes SW.
- 14.20 Spur, slopes SW.
- 18.50 Spur, slopes SW
- 27.00 Spur, slopes SW.; desc. over a SE. slope.
- 29.00 Foot of descent; asc. over a W. slope.
- 32.95 Top of ascent, bears N. and S.; desc. over an E. slope.
- 39.91 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34, at proportionate distance; there is no remaining evidence of the original corner.
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.
- S 34
—
 $\frac{1}{4}$ S 3
1947
- from which
- A juniper, 16 ins. diam., bears N. 11° E., 223 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.
- A juniper, 14 ins. diam., bears S. 13 $\frac{1}{4}$ ° W., 210 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
- Descend over an E. slope.
- 58.70 Wash, 25 lks. wide, 4 ft. deep, course S. 20° E.; asc. 29 ft. over a W. slope.
- 68.00 Ridge, bears N. and S.; desc. over an E. slope.
- 70.75 Wash, 15 lks. wide, 4 ft. deep, course, S.; asc. a SW. slope.
- 79.82 Point for the cor. of secs. 2, 3, 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 22 N R 27 E

S 34 | S 35

S 3 | S 2

T 2 1 N

1947

from which

A juniper, 7 ins. diam., bears N. 1° E., 126 lks. dist., mkd. T 22 N R 27 E S 35 B T.

A juniper, 12 ins. diam., bears S. 38½° E., 157 lks. dist., mkd. T 21 N R 27 E S 2 B T.

A juniper, 10 ins. diam., bears S. 76° W., 178 lks. dist., mkd. T 21 N R 27 E S 3 B T.

A juniper, 6 ins. diam., bears N. 45½° W., 120 lks. dist., mkd. T 22 N R 27 E S 34 B T.

Land, rolling.

Soil, sandy and gravelly.

Timber, juniper; undergrowth, sage.

Fair growth of grama grass.

S. 89° 38' E.; bet. secs. 2 and 35.

Over rolling land, through scattering timber.

Ascend SW. slope.

25.80 Ridge, bears N. and S.; desc. over an E. slope.

31.60 Wash, 10 lks. wide, 1 ft. deep; course S.

39.91 Point for the ¼ sec. cor. of secs. 2 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

S 35

¼

S 2

1947

from which

A juniper, 6 ins. diam., bears N. 66¼° E., 131 lks. dist., mkd. ¼ S 35 B T.

A juniper, 12 ins. diam., bears S. 27¼° W., 118 lks. dist., mkd. ¼ S 2 B T.

56.30 Drain, 10 lks. wide, course SW.; asc. over a W. slope.

64.80 Ridge, bears N. and S.; desc. a gradual E. slope.

79.82 The point for the cor. of secs. 1, 2, 35 and 36, 3 links N. of a long established property line fence corner, from which fences extend westerly and southerly. According to statement of Mr. C. A. Mc Carrell, a

Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

Chains

resident in this vicinity for many years, this is the original position of the corner and was marked by the original wooden corner post until it was destroyed by decay.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 22 N R 27 E

S 35 | S 36

S 2 | S 1

T 2 1 N

1947

from which

A juniper, 6 ins. diam., bears N. $15\frac{1}{2}^{\circ}$ E., 446 lks. dist., mkd. T 22 N R 27 E S 36 B T.

A juniper, 6 ins. diam., bears S. 53° E., 358 lks. dist., mkd. T 21 N R 27 E S 1 B T.

A juniper, 6 ins. diam., bears S. 79° W., 127 lks. dist., mkd. T 21 N R 27 E S 2 B T.

A juniper, 6 ins. diam., bears N. $4\frac{1}{2}^{\circ}$ W., 317 lks. dist., mkd. T 22 N R 27 E S 35 B T.

Land, rolling.

Soil, sandy and gravelly.

Timber, juniper; undergrowth, sage.

Good growth of grama grass.

S. $89^{\circ} 21'$ E., bet. secs. 1 and 36.

Over rolling land, through scattering juniper timber.

Descend gradual E. slope.

5.50 Graded road, bears N. to Ganado and Chinle and S. to Chambers.

40.90 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground with brass cap mkd.

S 36

$\frac{1}{4}$ —————

S 1

1947

from which

A juniper, 4 ins. diam., bears N. 24° W., 265 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A juniper, 8 ins. diam., bears S. $28\frac{1}{2}^{\circ}$ W., 109 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

Continue descent over a gradual E. slope.

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Dependent Resurvey, N. Bdy., T. 21 N., R. 27 E.

- Chains
- 55.00 Foot of descent, bears N. and S.; asc. 23 ft. over a NW. slope.
- 63.30 Spur, slopes NE.; desc. 98 ft. over an E. slope.
- 71.20 Foot of descent, bears N. and S.; thence across a small valley.
- 76.30 Center of a drain, course S.
- 78.75 From this point the original corner stone, which is a limestone, 16x10x5 ins., lying on top of the ground, mkd. 6 grooves on each of four faces, bears S., 14 lks. dist.
- 81.80 The point for the cor. of Tps. 21 and 22 N., Rs. 27 and 28 E., a point 30 ft. N. and 30 ft. E. of a long established property line fence corner, from which fences extend westerly and southerly. The position of this point is in close agreement with the calls of the record of the line west, According to statement of Mr. C. A. Mc Carrell who has resided in this vicinity for many years and is owner of the property to the SW. of this corner, this is the point where the original corner was ~~set~~ in 1926, at which time these fences were built. It is accepted as the best evidence of the position of the original corner.

At the corner point.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

T 2 2 N
 R 27 E R 28 E
 S 36 | S 31
 S 1 | S 6
 T 2 1 N
 1 9 4 7

raise a mound of stone, 3½ ft. base, 2½ ft. high, S. of cor. and bury the original corner stone alongside the iron post.

Land, rolling.
 Soil, sandy.
 Timber, juniper; undergrowth, sage.
 Good growth of grama grass.

Dependent Resurvey of a Portion of the E. Bdy of
 T. 21 N., R. 27 E.

Reestablishment of the Survey executed by
 W. R. Fitzgerald, Deputy Surveyor, in 1882.

From the cor. of Tps. 21 and 22 N., Rs. 27 and 28 E.
 S. 0° 28' W., bet. secs. 1 and 6.
 Over nearly level floor of small valley.

- 22.50 Drain, course SE.
- 24.50 Recross drain, course SW.
- 39.65 Point for the ¼ sec. cor. of secs. 1 and 6, at propor-

Dependent Resurvey, of a Portion of the E. Bdy. of
T. 21 N., R. 27 E.

RECORDED 1033

Chains

tionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{2}$
 S 1 | S 6
 1947

raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

45.00 Leave valley, bears NE. and SW.; asc. 86 ft. over a NW. slope.

50.00 Enter top of bench land, bears NE. and SW.; thence across points of the bench land and spurs which project westerly toward a small valley.

56.50, Spur, slopes SW.; desc. a SE. slope.

63.70 Ravine, course SW.; asc. a NW. slope.

74.70 Spur, slopes SW.; desc. over a SE. slope.

79.30 Point for the cor. of secs. 1, 6, 7 and 12, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T 21 N
 R 27 E R 28 E
 S 1 | S 6
 S 12 | S 7
 1947

Land, hilly and broken.
Soil, sandy and gravelly.
Timber, juniper; undergrowth, sage.
Fair growth of native grass.

S. 0° 28' W., bet. secs. 7 and 12.

Over broken and hilly land, through scattering timber.

Descend over a SE. slope.

4.60 Bottom of gulch, course W.; ascend a N. slope.

12.20 Top of ascent, on point of bench land, projects W.; desc. S. slope.

19.10 Ravine, course SW.; asc. a N. slope.

20.75 Spur, slopes W.; desc. a S. slope.

22.10 Ravine, course SW.; asc. a NW. slope.

28.70 Top of ascent on point of bench land, projects W.; desc. over a SW. slope.

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Dependent Resurvey, of a Portion of the E. Bdy., of
T. 21 N., R. 27 E.Chains
39.65

Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 12 \mid \text{S } 7 \\ 1947 \end{array}$$

from which

A juniper, 5 ins. diam., bears S. $60\frac{3}{4}^{\circ}$ E., 48 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

A juniper, 4 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ W., 90 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

Descend over a SW. slope.

44.90 Wash, 30 lks. wide, 5 ft. deep, course S. 45° W.

51.50 Foot of ascent; asc. 73 ft. over a N. slope.

58.50 Top of point of bench land, projects W.

62.40 Leave bench land, bears E. and W.; desc. 85 ft. over a S. slope. 08.97

67.40 Foot of steep descent, bears E. and W.; thence descend gradually over a gently rolling S. slope.

71.80 Wash, 20 lks. wide, 2 ft. deep, course SW.

74.70 Low sand ridge, bears E. and W.

79.30 Point for the cor. of secs. 7, 12, 13 and 18, at proportionate distance; there is no remaining evidence of the original corner.

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

$$\begin{array}{c} \text{T } 21 \text{ N} \\ \text{R } 27 \text{ E } \text{R } 28 \text{ E} \\ \text{S } 12 \mid \text{S } 7 \\ \text{S } 13 \mid \text{S } 18 \\ 1947 \end{array}$$

from which

A juniper, 5 ins. diam., bears S. 13° E., 22 lks. dist., mkd. T 21 N R 28 E S 18 B T.

A juniper, 24 ins. diam., bears N. $18\frac{1}{4}^{\circ}$ W., 74 lks. dist., mkd. T 21 N R 27 E S 12 B T.

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

From this corner, the cor. of secs. 19, 24, 25 and 30, Tps. 21 N., Rs. 27 and 28 E., bears S. $0^{\circ} 28'$ W., 158.60 chs. dist., a sandstone, 16x12x6 ins. above ground, firmly set, mkd. 4 grooves on N., and 2 grooves on S. faces.

Dependent Resurvey, of a Portion of the E. Bdy. of
T. 21 N., R. 27 E.

Chains

Land, N. 67 chs. broken and hilly; remainder, gently rolling.
Soil, sandy and gravelly.
Timber, juniper; undergrowth, sage.
Fair growth of native grass.

Final Test of Solar Attachment.

November 11, 1947, in camp near the cor. of secs. 11, 12, 13 and 14, T. 21 N., R. 27 E., on the meridian established July 25, 1947, with Buff transit No. 16724, bet. the hours of 8:00 to 10:30 a.m., and 1:30 to 4:00 p.m., I make the proper settings on the arcs of the solar attachment; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

140
92

4-680
(Revised May 1934)

BOOK 4383

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
John G. Coverdale	Truckdriver and Moundsman.
Robert D. Stevens	Principal Assistant.
Samuel R. Hickerson	" " and Flagman.
John A. Larson	Chainman.
Jesse A. Livesay	"
James S. Ireland	Flagman.
Charles W. Shadle	" and Axeman.
William C. Lakin	Axeman and Moundsman.
Theodore Cole	Axeman.
Garth W. Turley	"

141 93

CERTIFICATE OF SURVEYOR

I, Ty White, Cadastral Engineer, Bureau of Land Management, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of April, 1947, regional received from the district cadastral engineer for Arizona, with assignment instructions dated May 1, 1947, I have surveyed resurveyed the Fifth Standard Parallel North along a Portion of the North Boundary of Township 20 North, Range 14 East, and along the South Boundary of Township 21 North, Through Ranges 14, 15, 16, 17, 18, 19, 20, 21, 22, 30, and a Portion of 23, 25 and 31 East. The North and West Boundaries of Township 21 North, Range 26 East, and the North and a Portion of the East Boundaries of Township 21 North, Range 27 East, and a Portion of the State Boundary Line between Arizona and New Mexico.

of the Gila and 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 resurvey 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.

Phoenix, Arizona, August 11, 1948.

Ty White, Cadastral Engineer.

CERTIFICATE OF APPROVAL

Bureau of Land Management, Office of Supervisor of Surveys, Washington D.C. September 24, 1951

The foregoing field notes of the surveyor Dependent Resurvey of the Fifth Standard Parallel North along a Portion of the North Boundary of Township 20 North, Range 14 East, and along the South Boundary of Township 21 North, Through Ranges 14, 15, 16, 17, 18, 19, 20, 21, 22, 30, and a Portion of 23, 25 and 31 East, and the North and West Boundaries of Township 21 North, Range 26 East, and the North and a Portion of the East Boundaries of Township 21 North, Range 27 East, and a Portion of the State Boundary Line between Arizona and New Mexico,

executed by Ty White, Cadastral Engineer, Bureau of Land Management, under special instructions dated April 4, 1941, and assignment instructions dated May 1, 1947, 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.

Carl S. Harrington, Chief, Division of Cadastral Engineering, Supervisor of Surveys.

-CERTIFICATE OF TRANSCRIPT-

I certify that the foregoing transcript of the field notes of the above described surveys is a true copy of the original field notes on file in the public survey office.

-Supervisor of Surveys-