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4382

FIELD NOTES

BOOK 4382

Of the Dependent Resurvey of a Portion of the Section Boundaries

and

Survey of the Subdivision of Section 25,

Township 13 South, Range 5 West.

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 December 14, 1948, which provided

for the surveys included under Group No. 261, bearing the approval of the

~~Commissioner of the General Land Office~~ under date of January 11, 1949

and assignment instructions dated January 24, 1949

Survey commenced February 16, 1949

Survey completed March 2, 1949

4382

BOOK 4382

INDEX DIAGRAM.

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BCCN 4880

INDEX DIAGRAM

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T. 13 S., R. 5 W.

BOOK 1000

Chains

The boundaries and subdivisional lines of T. 13 S., R. 5 W., were surveyed by William H. Thorn, Surveyor, and Loyd E. Sechrist, Transitman, in 1918. The following field notes describe the dependent resurvey of a portion of the boundaries of section 25, and the survey of the subdivision- of - section lines.

The survey was initiated to accomodate applications under the Small Tract Act of June 1, 1938.

The survey was executed with a light mountain solar transit made by Buff and Buff, serial No. 16724, constructed in accordance with the standard instrumental 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. The directions of the lines were determined by the solar transit method. The measurements were made with a narrow steel tape, 5 chains in length, graduated to tenths of a link for the first 10 links, every link for the first 100 links and the balance at intervals of 10 links. The tape was tested 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.

The data furnished with the special instructions give the geographic position of the SE. cor. of T. 10 S., R. 5 W. as latitude $32^{\circ} 30' 13''$ N., and longitude $112^{\circ} 43' 45''$ W.

December 11, 1948, at camp near the center of sec. 30, T. 10 S., R. 6 W., G. & S. R. Mer., Arizona, at 5h 07m 40s p.m., l.m.t., I make an hour angle observation of Polaris, making four observations, two each with the telescope in direct and reversed positions, reading simultaneously the vertical angle to Polaris and the horizontal angle from the west side of a Saguaro Cactus on the sky line, approximately 2 miles northerly, E. to Polaris. My watch reads correct Mountain Standard Time, as checked by radio time signals.

Mean watch time of observation	5h 39m 21s
Watch fast of l.m.t.	0h 31m 41s
Mean horizontal deflection angle	0° 31' 12"
Azimuth of Polaris	0° 53' 06"
True bearing of reference point	N. 0° 21' 54" E.
Mean observed vertical angle	33° 10' 25"
Reduced latitude	32° 31' 22" N.

February 12, 1949, every 30m from 7 to 10:30 a.m. and from 1:30 to 5 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation on Dec. 11, 1948, has a maximum error of less than $1' 30''$.

I repeat the tests of the arcs daily by noon observation and verify the meridional indications at frequent intervals throughout the survey.

The geographic position of the cor. of secs. 25, 30, 31 and 36, Tps. 13 S., Rs. 4 and 5 W. as determined from data given with the special instructions is latitude $32^{\circ} 15' 24''$ N., and longitude $112^{\circ} 43' 45''$ W.

The mean observed magnetic declination is 15° E.

Dependent Resurvey of a Portion of the Boundaries of
Section 25, T. 13 S., R. 5 W.

Chains	
	From the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, which is monumented with an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.
	S. $89^{\circ} 54'$ W., bet. secs. 25 and 36.
	Over nearly level land, through scattering timber and undergrowth.
10.01	Point for the E-W $1/64$ sec. cor. of secs. 25 and 36.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{S } 25 \\ \text{-W-}1/64\text{-} \\ \text{S } 36 \\ 1949 \end{array}$
20.02	Point for the W $1/16$ sec. cor. of secs. 25 and 36.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{S } 25 \\ \text{W } 1/16\text{-} \\ \text{S } 36 \\ 1949 \end{array}$
27.35	E. bdy. of right of way of the Sonoita-Ajo Highway, bears N. $18^{\circ} 30'$ E. and S. $18^{\circ} 30'$ W.
30.03	Point for the W-W $1/64$ sec. cor. of secs. 25 and 36.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{S } 25 \\ \text{-W-W-}1/64\text{-} \\ \text{S } 36 \\ 1949 \end{array}$
30.547	Center of pavement.
33.744	W. bdy. of right of way of the Sonoita-Ajo Highway, bears N. $18^{\circ} 30'$ E. and S. $18^{\circ} 30'$ W.
35.30	Enter gravel pit, 4 ft. deep, bears N. $22\frac{1}{2}^{\circ}$ E., 3 chs. dist. and S. $22\frac{1}{2}^{\circ}$ W., 1 ch. dist.
36.50	Leave gravel pit.
40.04	The cor. of secs. 25, 26, 35 and 36, monumented with an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the official record.
	Land, nearly level. Soil, sandy and gravelly. Timber, mesquite; undergrowth, greasewood.
	----- N. $0^{\circ} 01'$ W., bet. secs. 25 and 26.
	Over nearly level land, through scattering timber and undergrowth.
10.01	Point for the S S $1/64$ sec. cor. of secs. 25 and 26.

Dependent Resurvey of a Portion of the Boundaries of
Section 25, T. 13 S., R. 5 W.

Chains	
	<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-S 1/64 S 26 S 25 1949</p>
20.02	<p>Point for the S 1/16 sec. cor. of secs. 25 and 26.</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 1/16 S 26 S 25 1949</p>
30.03	<p>Point for the S 1/64 sec. cor. of secs. 25 and 26.</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 1/64 S 26 S 25 1949</p>
38.60	<p>Old Ajo-Tucson road, bears N. 80° W. and S. 70° E.</p>
40.04	<p>The $\frac{1}{4}$ sec. cor. of secs. 25 and 26, monumented with an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.</p>
50.05	<p>Point for the S-N 1/64 sec. cor. of secs. 25 and 26.</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;">N 1/64 S 26 S 25 1949</p>
56.95	<p>Wash, 50 lks. wide, 2 ft. deep, course N. 60° W.</p>
60.06	<p>Point for the N 1/16 sec. cor. of secs. 25 and 26.</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;">N 1/16 S 26 S 25 1949</p>
70.07	<p>Point for the N-N 1/64 sec. cor. of secs. 25 and 26.</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;">N-N 1/64 S 26 S 25 1949</p>

Dependent Resurvey of a Portion of the Boundaries of
Section 25, T. 13 S., R. 5 W.

Chains 80.08	<p>The cor. of secs. 23, 24, 25 and 26, monumented with an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the official record.</p> <p>Land, nearly level. Soil, sandy and gravelly. Timber, mesquite; undergrowth, greasewood.</p> <hr/> <p>N. 89° 58' E., bet. secs. 24 and 25.</p> <p>Over nearly level land, through scattering timber and undergrowth.</p>
10.01	<p>Point for the W-W 1/64 sec. cor. of secs. 24 and 25.</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 24 -W-W-1/64- S 25 1949</p>
13.157	<p>W. bdy. of right of way of the Ajo-Tucson Highway, bears N. 21° 08' W. and S. 21° 08' E.</p>
16.405	<p>Center of pavement.</p>
19.653	<p>E. bdy. of right of way of the Ajo-Tucson Highway, bears N. 21° 08' W. and S. 21° 08' E.</p>
20.02	<p>Point for the W 1/16 sec. cor. of secs. 24 and 25.</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 24 W 1/16 S 25 1949</p>
30.03	<p>Point for the E-W 1/64 sec. cor. of secs. 24 and 25.</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 24 -W-1/64- S 25 1949</p>
40.04	<p>The 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.</p> <p>Land, nearly level. Soil, sandy and gravelly. Timber, mesquite; undergrowth, greasewood.</p> <hr/>

Subdivision of Section 25, T. 13 S., R. 5 W.

BOOK 4832

Chains

From the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

NORTH, on the N. and S. center line of sec. 25.

Over nearly level land, through scattering timber and undergrowth.

10.01 Point for the C S S $\frac{1}{64}$ sec. cor. of sec. 25.

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

S 25
C-S-S
 $\frac{1}{64}$
1949

10.382 W. bdy. of right of way of the Ajo-Tucson Highway, bears N. $21^{\circ} 08'$ W. and S. $21^{\circ} 08'$ E.

18.795 Center of pavement.

20.02 Point for the C-S $\frac{1}{16}$ sec. cor. of sec. 25.

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

C
S $\frac{1}{16}$ | S 25
C
1949

27.242 E. bdy. of right of way of the Ajo-Tucson Highway, bears N. $21^{\circ} 08'$ W. and S. $21^{\circ} 08'$ E.

30.03 Point for the C-N-S $\frac{1}{64}$ sec. cor. of sec. 25.

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

S 25

C - S

$\frac{1}{64}$

1949

40.04 Point for the C $\frac{1}{4}$ sec. cor. of sec. 25, at the intersection with the E. and W. center line.

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.

C $\frac{1}{4}$ S 25

Bury a stone marked X alongside the iron post.

From this corner the $\frac{1}{4}$ sec. cor. of secs. 25 and 30 on the E. bdy. of the Tp., bears N. $89^{\circ} 54'$ E., 40.04 chs. dist., and is monumented with an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.

Ascend 136 ft. along the E. slope of a spur.

50.04 Point for the C-S-N $\frac{1}{64}$ sec. cor. of sec. 25.

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

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
	S 25 C-N 1/64 1949
55.90	Spur, slopes S. 10° W.; desc. 116 ft. over NW. slope.
60.04	Point for the C N 1/16 sec. cor. of sec. 25. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> C N 1/16 S 25 C 1949 </div> Bury a stone marked X alongside the iron post.
69.00	Foot of descent, bears NE. and SW.
70.04	Point for the C N N 1/64 sec. cor. of sec. 25. Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. <div style="text-align: center;">S 25 C-N-N 1/64 1949</div> Bury a stone marked X alongside the iron post.
80.04	The 1/4 sec. cor. of secs. 24 and 25. ----- From the C 1/4 sec. cor. of sec. 25. S. 89° 54' W., on the E. and W. center line of sec. 25.
4.931	E. bdy. of Highway right of way, bears N.21°08'W. and S.21°08'E.
8.179	Center of pavement.
9.25	Wash, 50 lks. wide, 2 ft. deep, course N. 70° W.
10.01	Point for the C E-W 1/64 sec. cor. of sec. 25. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. <div style="text-align: center;">S 25 C-W 1/64 1949</div>
11.427	W. bdy. of Highway right of way produced.
13.914	E. bdy. of Highway right of way produced.
17.111	Center of pavement.
20.02	Point for the C W 1/16 sec. cor. of sec. 25.

NO.

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
	<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;">W 1/16</p> <p style="text-align: center;">C ————— C</p> <p style="text-align: center;">S 25 1949</p>
20.308	W. bdy. of Highway right of way, bears N.18°30'E. and S.18°30'W.
30.03	Point for the C W W 1/64 sec. cor. of sec. 25.
	<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 25 C-W-W 1/64 1949</p>
40.04	The $\frac{1}{4}$ sec. cor. of secs. 25 and 26.

	<p>From the W 1/16 sec. cor. of secs. 25 and 36.</p> <p>N. 0° 01' W., on the N. and S. center line of the SW $\frac{1}{4}$ sec. 25.</p>
10.01	Point for the C S SW 1/64 sec. cor. of sec. 25.
	<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 25 C-S-SW 1/64 1949</p>
17.02	Enter S. side of house, 10 lks. W. of SE. corner.
17.31	Leave N. side of house.
20.02	Point for the SW 1/16 sec. cor. of sec. 25, at the intersection with the E.-W. center line.
	<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;">SW 1/16 S 25 1949</p>
21.838	E. bdy. of Highway right of way, bears N.18°30'E. and S.18°30'W.
30.03	Point for the C N SW 1/64 sec. cor. of sec. 25.
	<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 25 C-N-SW 1/64 1949</p>
30.982	Center of pavement on a curve of the Tucson-Sonoita Highway.

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
31.445	Center of pavement of the Ajo-Sonoita Highway.
40.04	The C W 1/16 sec. cor. of sec. 25.

	From the C S 1/16 sec. cor. of sec. 25.
	S. 89° 54' W., on the E. and W. center line of the SW $\frac{1}{4}$ sec. 25.
0.476	Center of pavement.
3.724	W. bdy. of Highway right of way, bears N.21°08'W. and S.21°08'E.
10.01	Point for the C E SW 1/64 sec. cor. of sec. 25.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S 25 C-E-SW 1/64 1949
20.02	The SW 1/16 sec. cor. of sec. 25.
20.64	E. bdy. of Highway right of way, bears N.18°30'E. and S.18°30'W.
23.837	Center of pavement.
27.034	W. bdy. of Highway right of way, bears N.18°30'E. and S.18°30'W.
30.03	Point for the C W SW 1/64 sec. cor. of sec. 25.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S 25 C-W-SW 1/64 1949
40.04	The S 1/16 sec. cor. of secs. 25 and 26:

	From the C E SW 1/64 sec. cor. of sec. 25.
	NORTH, on the N. and S. center line of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of sec. 25.
10.01	Point for the NE SW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S 25 NE-SW 1/64 1949
11.89	S. bdy. of the right of way, on a curve of the Tucson-Sonoita Highway.
15.105	Center of pavement.

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
18.22	N. bdy. of Highway right of way on a curve.
20.02	The C-E-W 1/64 sec. cor. of sec. 25.

	From the C-N-S 1/64 sec. cor. of sec. 25.
	S. 89° 54' W., on the E. and W. center line of the NE 1/4 SW 1/4 sec. 25.
1.074	E. bdy. of Highway right of way.
4.351	Center of pavement on a curve.
7.111	Station PT 1451+96.6 on the W. bdy. of the Highway right of way, bears SOUTH, 1.197 chs. dist., monumented with a wooden post, 6 ins. sq., 3 ft. above ground, marked POT 1451+96.6.
7.761	W. bdy. of right of way on a curve of the Tucson-Ajo Highway.
10.01	The NE-SW 1/64 sec. cor. of sec. 25.
17.04	E. bdy. of right of way on a curve of the Tucson-Ajo highway.
17.755	Station PC 1437+92.9 on the E. bdy. of the Highway right of way, bears SOUTH, 1.418 chs. dist., monumented with a wooden post, 6 ins. sq., 3 ft. above ground, marked POT 1437+92.9.
20.02	The C N SW 1/64 sec. cor. of sec. 25.

	From the E-W 1/64 sec. cor. of secs. 25 and 36.
	NORTH, on the N. and S. center line of the SE 1/4 SW 1/4 sec. 25.
10.01	Point for the SE SW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line.
	Set an iron post, 3 ft. long, 1 in. diam., .28 ins. in the ground, with brass cap mkd.
	S 25
	SE-SW
	1/64
	1949
20.02	The C E SW 1/64 sec. cor. of sec. 25.

	From the C S S 1/64 sec. cor. of sec. 25.
	S. 89° 54' W., on the E. and W. center line of the SE 1/4 SW 1/4 sec. 25.
10.01	The SE SW 1/64 sec. cor. of sec. 25.
20.02	The C S SW 1/64 sec. cor. of sec. 25.

Chains

From the W W 1/64 sec. cor. of secs. 25 and 36.

N. 0° 01' W., on the N. and S. center line of the SW 1/4 SW 1/4 sec. 25.

1.542 Center of pavement, Ajo-Sonoita Highway.

10.01 Point for the SW SW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line.

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

S 25

SW-SW

1/64

1949

11.069 W. bdy. of the Highway right of way.

20.02 The CW SW 1/64 sec. cor. of sec. 25.

From the C S SW 1/64 sec. cor. of sec. 25.

S. 89° 54' W., on the E. and W. center line of the SW 1/4 SW 1/4 sec. 25.

3.975 E. bdy. of Highway right of way.

7.172 Center of pavement.

10.01 The SW SW 1/64 sec. cor. of sec. 25.

10.369 W. bdy. of Highway right of way.

20.02 The S S 1/64 sec. cor. of secs. 25 and 26.

From the C W SW 1/64 sec. cor. of sec. 25.

N. 0° 01' W., on the N. and S. center line of the NW 1/4 SW 1/4 sec. 25.

10.01 Point for the NW SW 1/64 sec. cor. of sec. 25, at the intersection of the E.-W. center line.

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

S 25

NW-SW

1/64

1949

20.02 The C W W 1/64 sec. cor. of sec. 25.

From the C N SW 1/64 sec. cor. of sec. 25.

S. 89° 54' W., on the E. and W. center line of the NW 1/4 SW 1/4 sec. 25.

0.453 Center of pavement.

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
3.65	W. bdy. of the Highway right of way.
10.01	The NW SW 1/64 sec. cor. of sec. 25.
20.02	The NW SW 1/64 sec. cor. of secs. 25 and 26.

	From the C W 1/16 sec. cor. of sec. 25.
	N. 0° 01' W., on the N. and S. center line of the NW 1/4 sec. 25.
0.859	W. bdy. of Highway right of way, at a point from which, Station TS 1446+65.3 on the W. bdy. of the right of way, bears N. 18° 30' E., 2.294 chs. dist., monumented with a wooden post, 6 ins. sq., 3 ft. above ground, mkd. TS 1446+65.3.
4.40	Wash, 25 lks. wide, 4 ft. deep, course N. 60° W.
10.005	Point for the C S NW 1/64 sec. cor. of sec. 25. Set an iron post, 3 ft. long, .1 in. diam., 28 ins. in the ground, with brass cap mkd. S 25 C-S-NW 1/64 1949
20.01	Point for the NW 1/16 sec. cor. of sec. 25. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd. NW 1/16 S 25 1949
22.289	W. bdy. of Highway right of way, at a point from which, Station ST 1460+56.2 on the W. bdy. of the Highway right of way, bears S. 21° 08' E., 0.895 chs. dist., monumented with a wooden post, 6 ins. sq., 3 ft. above ground, mkd. ST 1460+56.2.
30.015	Point for the C N NW 1/64 sec. cor. of sec. 25, falls near W. edge of pavement. Bury a malpais stone, 14x8x6 ins. 12 ins. below the surface of the ground, mkd. X on top. from which An iron post, 3 ft. long, 1 in. diam., set 28 ins. in the ground, for a reference monument, bears N. 68° 52' E., 3.77 chs. dist., with brass cap mkd. S 25 C N NW 1/64 R M 1949 and an arrow pointing to the corner. An iron post, 3 ft. long, 1 in. diam., set 28 ins. in the ground for a reference monument, bears S. 68° 52' W., 3.77 chs. dist., with brass cap mkd. S 25 C N NW 1/64 R M 1949 and an arrow pointing to the corner.
30.713	Center of pavement.
39.065	E. bdy. of Highway right of way.
40.02	The W 1/16 sec. cor. of secs. 24 and 25.

Subdivision of Section 25, T. 13 S., R. 5 W.

Chains	
	<p>From the C N 1/16 sec. cor. of sec. 25.</p> <p>S. 89° 56' W., on the E. and W. center line of the NW$\frac{1}{4}$ sec. 25.</p> <p>Descend 131 ft. over a W. slope.</p>
10.01	<p>Point for the C E NW 1/64 sec. cor. of sec. 25.</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 25 C-E-NW 1/64 1949</p> <p>Thence over nearly level land.</p>
12.648	E. bdy. of Highway right of way, bears N.21°08'W. and S.21°08'E.
15.896	Center of pavement; junction of the Ajo-Tucson and Ajo-Sonoita Highways..
19.196	W. bdy. of Highway right of way on a curve.
20.02	The NW 1/16 sec. cor. of sec. 25.
30.03	<p>Point for the C W NW 1/64 sec. cor. of sec. 25.</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 25 C-W-NW 1/64 1949</p>
40.04	<p>The N 1/16 sec. cor. of secs. 25 and 26..</p> <p>-----</p> <p>From the C E NW 1/64 sec. cor. of sec. 25.</p> <p>NORTH, on the N. and S. center line of the NE$\frac{1}{4}$ NW$\frac{1}{4}$ sec. 25.</p>
10.00	<p>Point for the NE NW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line.</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 25 NE-NW 1/64 1949</p>
20.00	<p>The E-W 1/64 sec. cor. of secs. 24 and 25,</p> <p>-----</p>

Subdivision of Section 25, T. 13 S., R. 5 W.

BOOK 4382

Chains	From the C N N 1/64 sec. cor. of sec. 25. S. 89° 57' W., on the E. and W. center line of the NE¼ NW¼ sec. 25.
10.01	The NE NW 1/64 sec. cor. of sec. 25.
16.517	E. bdy. of Highway right of way.
19.765	Center of pavement.
20.02	The C N NW 1/64 sec. cor. of sec. 25.

	From the C-E-W 1/64 sec. cor. of sec. 25. NORTH, on the N. and S. center line of the SE¼ NW¼ sec. 25.
0.50	Wash, 50 lks. wide, 2 ft. deep, course N. 60° W.
4.74	Center of pavement.
10.00	Point for the SE NW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S 25 SE-NW 1/64 1949
13.176	E. bdy. of Highway right of way, brs. N. 21° 08' W. and S. 21° 08' E.
20.00	The C E NW 1/64 sec. cor. of sec. 25.

	From the C-S-N 1/64 sec. cor. of sec. 25. S. 89° 55' W., on the E. and W. center line of the SE¼ NW¼ sec. 25.
8.783	E., bdy. of Highway right of way.
10.01	The SE NW 1/64 sec. cor. of sec. 25.
12.031	Center of pavement.
14.495	Center of pavement on a curve.
17.555	W. bdy. of Highway right of way on a curve.
20.02	The C S NW 1/64 sec. cor. of sec. 25.

	From the C W W 1/64 sec. cor. of sec. 25. N. 0° 01' W., on the N. and S. center line of the SW¼ NW¼ sec. 25.
10.005	Point for the SW NW 1/64 sec. cor. of sec. 25, at the intersection with the E.-W. center line. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

Chains	
	S 25 SW-NW 1/64 1949
16.81	Wash, 30 lks. wide, 4 ft. deep, course N. 60° W.
20.01	The C W NW 1/64 sec. cor. of sec. 25.

	From the C S NW 1/64 sec. cor. of sec. 25.
	S. 89° 55' W., on the E. and W. center line of the SW¼ NW¼ sec. 25.
.3.00	Wash, 30 lks. wide, 4 ft. deep, course N. 60° W.
10.01	The SW NW 1/64 sec. cor. of sec. 25.
20.02	The S W NW 1/64 sec. cor. of secs. 25 and 26.

	From the C W NW 1/64 sec. cor. of sec. 25.
	N. 0° 01' W., on the N. and S. center line of the NW¼ NW¼ sec. 25.
10.005	Point for the NW NW 1/64 sec. cor. of sec. 25.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.
	S 25 NW-NW 1/64 1949
20.01	The W W 1/64 sec. cor. of secs. 24 and 25.

	From the C N NW 1/64 sec. cor. of sec. 25,
	S. 89° 57' W., on the E. and W. center line of the NW¼ NW¼ sec. 25.
2.994	W. bdy. of the Highway right of way.
10.01	The NW NW 1/64 sec. cor. of sec. 25.
20.02	The N N 1/64 sec. cor. of secs. 25 and 26.

Test of Solar Orientation	
<p>March 14: At camp near the center of sec. 30, T. 10 S., R. 6 W. at 8:30 a.m. app. t., make the proper settings on the arcs and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.</p> <p>At 4:30 p.m. app. t., make the proper settings on the arcs and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.</p>	

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4-680
(August 1947)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert D. Stevens	Survey Aid., SP-3.
Daniel D. Frank	" " SP-2.
Conner D. Wilkerson	" " SP-2.
Carl P. Lyons	" " SP-2.
Raymond C. Lee, Jr.	" " SP-2.

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BOOK 408

CERTIFICATE OF CADASTRAL ENGINEER

I, Ty White, Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of December, 1948 I have ~~surveyed~~ resurveyed a portion of the boundaries and surveyed the subdivision-of-section lines of Section 25, Township 13 South, Range 5 West.

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

Phoenix, Arizona
August 12, 1949.

Ty White
Cadastral Engineer.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., NOV 19 1949, 19

The foregoing field notes of the ~~survey of~~ resurvey of a portion of the boundaries and the survey of the subdivision-of-section lines of Section 25, Township 13 South, Range 5 West of the Gila and Salt River Meridian in the State of Arizona

executed by Ty White, Cadastral Engineer having been critically examined and found correct, are hereby approved.

Earl G. Harrington
Chief, Branch of Engineering and Construction.
Chief, Division of Cadastral Engineering

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above described surveys are~~
transcripts of the original field notes

Chief, Branch of Engineering and Construction.