

BOOK 5303
INDEX DIAGRAM

TOWNSHIP 25 NORTH , RANGE 30 EAST ,

6					
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4					
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Subdivision of section 6---p 7

BOOK 5303

T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS

Following are the notes of the dependent resurvey of a portion of the subdivisional lines, and the survey of the subdivision of section 6, Township 25 North, Range 30 East, of the Gila and Salt River Meridian, Arizona.

The north boundary was surveyed by J.A. Lamport in 1900, and resurveyed by S.E. Blout in 1927. The west boundary was surveyed by F. Follman in 1883 and resurveyed by S.E. Blout in 1927. The subdivisional lines of the Tp. were surveyed by S.E. Blout in 1927.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 19, 1985, for Group No. 670, Arizona.

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

The directions of lines were determined by direct solar observations and refer to the true meridian. Distances and angles were measured using a Zeiss SM-4 electronic instrument, and a Nikon NTD-4 electronic instrument.

The geographic coordinates at the following listed point were determined by the technique of relative positioning using the Magnavox MX 1502 Satellite Surveyor. "COY," a first order triangulation station established by the United States Coast and Geodetic Survey was used as the control station. Elevations and coordinates refer to the top of the monument.

Elevation	Latitude	Longitude
Southeast Corner of Section 6 7581 ft.	35°35'24.39" N	109°10'10.48" W
"COY" 6421 ft.	35°47'07.629" N	108°34'29.610" W

The mean magnetic declination is 12 1/2° E.

BOOK 5303

Dependent Resurvey of a Portion of the Subdivisional Lines,
T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS	
	<p>(Restoring the survey executed by S.E. Blout in 1927)</p> <hr/> <p>Beginning at the cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the official record of the 1927 survey of the subdivisional lines, T 25 N, R 30 E, from which the original bearing trees:</p> <p>A ponderosa pine, 27 ins. diam., bears N 24 3/4° E, 87 1/2 lks. dist., mkd. T25N R30E S5 BT on open blaze. (Record: N 25° E, 88 lks. dist.)</p> <p>A dead ponderosa pine, 17 ins. diam., bears S 21° E, 139 1/2 lks. dist., mkd. T25N R30E S8 BT on open blaze. (Record: S 21 1/4° E, 140 lks. dist.)</p> <p>A ponderosa pine stump, 27 ins. diam., bears S 10 1/4° W, 109 lks. dist., mkd. N R30E S7 BT on remnant of open blaze. (Record: S 9 1/2° W, 110 lks. dist.)</p> <p>A ponderosa pine, 20 ins. diam., bears N 67 1/4° W, 84 1/2 lks. dist., with healed blaze. (Record: N 67° W, 85 lks. dist.)</p> <p>from which a new bearing tree:</p> <p>A ponderosa pine, 27 ins. diam., bears S 59 3/4° W, 176 lks. dist., mkd. T25N R30E S7 BT.</p> <p>Add the marks 1986 to the brass cap.</p> <p>S 89°52' W, bet. secs. 6 and 7.</p> <p>Over rolling land.</p>
39.97	<p>The 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1927 survey of the subdivisional lines, T 25 N, R 30 E, from which the original bearing trees:</p> <p>A piñon, 17 ins. diam. at the base, bears N 29 1/4° E, 106 1/2 lks. dist., mkd. /4 S6 BT on partially healed blaze. (Record: N 25 1/4° E, 105 lks. dist.)</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines,
T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS	
	<p>A ponderosa pine stump, 25 ins. diam., bears S 19 1/4° E, 106 1/2 lks. dist., with no visible blaze. (Record: S 19 1/2° E, 107 lks. dist.)</p> <p>from which a new bearing tree:</p> <p>A piñon, 9 ins. diam. at the base, bears S 51 3/4° W, 61 lks. dist., mkd. 1/4 S7 BT.</p> <p>Add the marks T25N R30E 1986 to the brass cap.</p> <hr/> <p>S 89°49' W, beginning new measurement.</p>
16.50	Trail road, bears S 20° E and N 20° W.
39.45	<p>The cor. of secs. 1, 6, 7 and 12, on the W bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record of the 1985 resurvey of the E bdy., T 25 N, R 29 E, executed concurrently under this same group.</p> <hr/> <p>From the cor. of secs. 5, 6, 7 and 8.</p> <p>N 0°02' W, bet. secs. 5 and 6.</p> <p>Over rolling land.</p>
39.97	<p>The 1/4 sec. cor. of secs. 5 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, in a collar of stone, 2 ft. base, 6 ins. high, with brass cap mkd. as described in the official record of the 1927 survey of the subdivisional lines, T 25 N, R 30 E, from which the original bearing trees:</p> <p>A ponderosa pine, 28 ins. diam., bears N 68 1/2° E, 41 lks. dist., with healed blaze. (Record: N 69 1/2° E, 40 lks. dist.)</p> <p>A ponderosa pine, 23 ins. diam., bears N 59 3/4° W, 114 lks. dist., with healed blaze. (Record: N 58 1/2° W, 113 lks. dist.)</p> <p>Add the marks T25N R30E 1986 to the brass cap.</p> <hr/>

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Dependent Resurvey of a Portion of the Subdivisional Lines,
T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS	
	N 0°05' E, beginning new measurement.
13.20	Underground gas pipeline and trail road, bears N 85° E and S 85° W.
40.50	Underground gas pipeline and trail road, bears E and W.
41.53	<p>The closing cor. of secs. 5 and 6, monumented with a brass tablet, 3 1/2 ins. diam., set and mkd. as described in the official record of the 1927 survey of the subdivisional lines, T 25 N, R 30 E.; there is no remaining evidence of the original bearing trees.</p> <p>From this cor., the cor. of secs. 31 and 32, T 26 N, R 30 E, bears S 89°48' W, 1.98 chs. dist., monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1984-85 resurvey of the S bdy., T 26 N, R 30 E.</p> <hr/> <p>The 1/4 sec. cor. of sec. 6 only, on the N bdy. of sec. 6, is monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, bent to the NW, in a collar of stone, 2 ft. base, to top, with brass cap mkd. as described in the official record of the 1927 resurvey of the S bdy., T 26 N, R 30 E, from which the original bearing trees:</p> <p style="padding-left: 40px;">A ponderosa pine, 27 ins. diam., bears S 19° E, 54 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A forked ponderosa pine, 34 ins. diam. at the base, bears S 82 1/2° W, 84 lks. dist., with healed blaze.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, 1 ft. base, to top, with brass cap mkd.</p>
	T26N R30E
	1/4 S 6
	T25N R30E
	1986

BOOK 5303

Dependent Resurvey of a Portion of the Subdivisional Lines,
T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. orange colored plastic case beneath the stainless steel post.</p> <p>Bury the 1927 brass cap alongside the cor. and destroy the iron post.</p> <p>From this cor., the 1/4 sec. cor. of sec. 31 only, T 26 N, R 30 E, bears N 89°54' W, 2.08 chs. dist., monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record of the 1984-85 resurvey of the S bdy., T 26 N, R30 E.</p> <hr/> <p style="text-align: center;">Survey of the Subdivision of Section 6</p> <hr/> <p>From the 1/4 sec. cor. of secs. 6 and 7.</p> <p>N 0°02' E, on the N and S centerline of sec. 6.</p> <p>Over rolling land.</p>
13.00	Trail road, bears N 20° E and S 20° W.
28.05	Trail road, bears N 40° E and S 40° W.
39.97	Point for the center 1/4 sec. cor. of sec. 6 at intersection with the E and W centerline of sec. 6.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T25N R30E C1/4 S 6 1986</p>
	<p>from which</p> <p style="padding-left: 40px;">A piñon, 12 ins. diam. at the base, bears N 18° W, 58 1/2 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A piñon, 11 ins. diam. at the base, bears S 25 1/2° W, 52 1/2 lks. dist., mkd. C 1/4 S6 BT.</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. orange colored plastic case beneath the stainless steel post.</p>
47.40	Underground gas pipeline and trail road, bears N 70° E and S 70° W.
80.50	Underground gas pipeline and trail road, bears E and W.

BOOK 5303

Survey of the Subdivision of Section 6,
T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS	
81.67	<p>The 1/4 sec. cor. of sec. 6 only, on the N bdy. of the Tp., hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 6.</p> <p>S 89°51' W, on the E and W centerline of sec. 6.</p> <p>Over rolling land.</p>
39.95	<p>The center 1/4 sec. cor. of 6.</p>
63.70	<p>Underground gas pipeline and trail road, bears N 70° E and S 70° W.</p>
79.37	<p>The 1/4 sec. cor. of secs. 1 and 6, on the W bdy. of the Tp., monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record of the 1985 resurvey of the E. bdy., T 25 N, R 29 E, executed concurrently under this same group.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area surveyed is within the Navajo Indian Reservation, approximately 8 miles southwest of St. Michaels, Arizona. The terrain varies from rolling to rugged land. The elevation ranges from 7560 to 7650 feet above sea level.</p> <p>The drainage in the area is in a southerly direction. The soil varies from sandy clay loam to clay with sandstone outcroppings and large exposed sandstone areas. The vegetation consists of ponderosa pine, pinyon, juniper, scrub oak, sagebrush, rabbitbrush, native grasses and scattered yucca and cacti.</p> <p>Access is provided by Bureau of Indian Affairs Forestry Road 9000, a graded dirt road meandering southerly about 7 miles from Arizona State Highway 264 to an El Paso Natural Gas underground pipeline, thence east on the pipeline road approximately 3 miles to the north boundary of the township. From this pipeline road there are a number of trail roads which meander throughout most of sec. 6.</p>

BOOK 5303

T 25 N, R 30 E, Gila and Salt River Mer., Arizona

CHAINS

The area is used by members of the Navajo tribe to raise sheep, goats, cattle and horses. The Navajo tribe also utilizes the timber resources available throughout the area.

The average magnetic declination is $12\ 1/2^\circ$ E, with no noticeable variation due to local attraction.

BOOK 5303
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Jones C. Curtiss	Engineering Technician II
Wilfred D. Chee	Engineering Technician II
Jeff Barney	Survey Aide
Albert Benally	Survey Aide
Calvin Cardy	Survey Aide
Dean Clyde	Survey Aide
Ralph Jones	Survey Aide

CERTIFICATE OF SURVEY

I, Kevin R. DeRossett, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of August, 1985, I have dependently resurveyed a portion of the subdivisional lines, and surveyed the subdivision of section 6, Township 25 North, Range 30 East, 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 survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

Kevin R. DeRossett is no longer assigned to this office and not available for signature.

1/14/91
(Date)

William F. Dwyer
(Chief, Navajo Project Office)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the survey of the subdivision of section 6, Township 25 North, Range 30 East, Gila and Salt River Meridian, Arizona, executed by Kevin R. DeRossett, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

2/05/91
(Date)

Jerry K. Talbot
Acting (Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I Certify that the foregoing transcript of the field notes of the above-described surveys in T 25 N R 30 E, Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor of Arizona)~~