

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF A PORTION
OF THE
SUBDIVISIONAL LINES
AND
THE SURVEY OF SUBDIVISIONS
IN SECTION 28,
TOWNSHIP 1 SOUTH, RANGE 2 WEST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

Harry K. Smith, Cadastral Surveyor

Will C. Gabonay, Cadastral Surveyor

Under special instructions dated October 3, 1984, approved October 3, 1984

which provided for the surveys included under Group Number 662 and assignment
instructions dated October 3, 1984

Survey commenced October 4, 1984

Survey completed October 9, 1984

INDEX DIAGRAM

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T 1 S, R 2 W, Gila and Salt River Mer., Arizona

CHAINS

The following field notes describe the dependent re-survey of a portion of the subdivisional lines and the survey of subdivisions in section 28, Township 1 South, Range 2 West, Gila and Salt River Meridian, Arizona.

The boundaries of section 28 were surveyed by R.C. Powers, in 1883, and resurveyed by Karl L. Siebecker, in 1931.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 662, Arizona, dated October 3, 1984.

The direction of lines was determined by altitude observations on the sun. Distance and angles were measured using a Zeiss Elta 46 electronic instrument.

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.

The geographic position of the southeast corner of section 28 is as follows:

Latitude: $33^{\circ}18'17.37''$ N Longitude: $112^{\circ}27'06.67''$ W

The mean magnetic declination is 14° E.

Dependent Resurvey, a Portion of the Subdivisional Lines
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

Restoring the resurvey executed by
Karl L. Siebecker, in 1931

Beginning at the cor. of secs. 27, 28, 33 and 34, T 1 S, R 2 W, monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with brass cap mkd.

T 1 S R 2 W
S28 | S27
S33 | S34
1931

from which the original bearing trees

A palo verde, 6 ins. diam., bears $N 46\frac{3}{4}^{\circ}$ E,
537 lks. dist., mkd. T1S R2W S27 BT.
(Record: $N 47^{\circ}$ E, 535 lks. dist.)

A dead catclaw, 5 ins. diam., bears $S 30\frac{1}{4}^{\circ}$ E,
315 lks. dist., with illegible scribe marks
on weathered blaze. (Record: $S 29\frac{3}{4}^{\circ}$ E,
313 lks. dist.).

A palo verde, 11 ins. diam., bears $N 69\frac{3}{4}^{\circ}$ W,
376 lks. dist., mkd. T1S R2W S28 BT.
(Record: $N 69\frac{1}{4}^{\circ}$ W, 377 lks. dist.)

$N 89^{\circ}14'$ W, bet. secs. 28 and 33.

Over level terrain of creosote, scattered catclaw, palo verde and mesquite.

Dependent Resurvey, a Portion of the Subdivisional Lines
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

CHAINS		
38.60	Power line, bears N 38°09' W and S 38°09' E.	
39.36	<p>Point for the witness point at intersection with the center line of the right-of-way of Rainbow Valley Road, paved, road bears N 38°09' W and S 38°09' E.</p> <p>Set a railroad spike, in center of road, with top mkd.</p> <p style="text-align: center;">BLM W P S28 — S33 1984</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum post, 28 ins. long, 1 in. diam., set 24 ins. in the ground, for a reference monument, bears N 14°06' E, 59.2 ft. dist., with cap mkd. WP RM 59.2 FT S28 1984, and an arrow pointing to the cor.</p>	
39.90	<p>The ¼ sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., 6 ins. below the ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S28 — S33 1931</p> <p>from which</p> <p style="padding-left: 40px;">A palo verde, 12 ins. diam., bears N 79° E, 134 lks. dist., mkd. ¼ S28 BT. (Record: N 79¾° E)</p> <p style="padding-left: 40px;">An angle iron post, 3 x 3 x 24 ins. above ground, bears S 89°05' E, 1.32 chs. dist., mkd. DOT 334+06.</p> <p style="padding-left: 40px;">A palo verde, 16 ins. diam., bears S 72° E, 265 lks. dist., mkd. ¼ S33 BT. (Record: S 71° E)</p> <p style="padding-left: 40px;">An angle iron post, 3 x 3 x 24 ins. above ground, bears N 89°21' W, 24 lks. dist., mkd. DOT 334+06.</p> <p>From this cor., the point for U.S.C.&G.S. triangulation station "MICA", determined using record bearing and dist. from its RM, bears S 82°02' W, 278.04 chs. dist. The reference mark is monumented with a bronze disc and is marked NO 1936 MICA and an arrow pointing to the point for triangulation station "MICA".</p> <p style="text-align: center;">—————</p> <p>S 89°33' W, beginning new measurement.</p>	
20.06	<p>Point for the W 1/16 sec. cor. of secs. 28 and 33.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.</p>	

Dependent Resurvey, a Portion of the Subdivisional Lines
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T 1 S R 2 W W 1/16 $\frac{S28}{S33}$ 1984</p> <p>Set a steel fence post alongside the cor.</p>	
40.12	<p>The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W $\frac{S29}{S32}$ $\frac{S28}{S33}$ 1931</p> <p>from which</p> <p style="padding-left: 40px;">A palo verde, 12 ins. diam., bears S 53° E, 98 lks. dist., with scribe marks visible through partially healed blaze.</p> <p style="padding-left: 40px;">A palo verde, 11 ins. diam., bears N 15° W, 318 lks. dist., mkd. T1SR2W S29 BT.</p> <p>Set a steel fence post alongside the cor.</p>	
	<p>N 0°11' W, bet. secs. 28 and 29.</p> <p>Over relatively level terrain of scattered catclaw, palo verde, mesquite and saguaro.</p>	
5.70	<p>Power line, bears S 70° W and N 70° E.</p>	
20.01	<p>Point for the S 1/16 sec. cor. of secs. 28 and 29.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W S 1/16 $\frac{S29}{S28}$ $\frac{S28}{S28}$ 1984</p> <p>Set a steel fence post alongside the cor.</p>	
40.02	<p>The $\frac{1}{4}$ sec. cor. of secs. 28 and 29, monumented with an iron post, 1 in. diam., projecting 12 ins. out of a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ $\frac{S29}{S28}$ $\frac{S28}{S28}$ 1931</p> <p>from which the remaining bearing tree</p> <p style="padding-left: 40px;">A palo verde, 7 ins. diam., bears S 79° E, 149 lks. dist., and is not mkd. (Record: S 80° E, 147 lks. dist.)</p> <p style="text-align: center;">_____</p> <p>N 0°10' W, beginning new measurement.</p>	

Dependent Resurvey, a Portion of the Subdivisional Lines
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

CHAINS 40.06	<p>The cor. of secs. 20, 21, 28 and 29, monumented with an Arizona Department of Transportation brass cap, 3¼ ins. diam., set in a hand hole, 12 ins. diam., mkd.</p> <p style="text-align: center;">ELEV S20 S21 S29 S28 STA 395+55 1956</p> <p>The cor. is located at intersection of Rainbow Valley Road bearing N and S and Ray Road extending West.</p> <hr/> <p style="text-align: center;">Subdivision of Section 28 T 1 S, R 2 W, Gila and Salt River Mer., Arizona</p> <hr/> <p>From the ¼ sec. cor. of secs. 28 and 33. N 0°15' W, on the N and S center line of sec. 28.</p>
0.68	<p>Center line of the right-of-way of Rainbow Valley Road, paved, bears N 38°09' W and S 38°09' E.</p>
19.78	<p>Point for the center S 1/16 sec. cor. of sec. 28.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 24 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W C S 1/16 S28 C 1984</p> <p>Set a steel fence post alongside the cor.</p>
39.56	<p>Point for the center ¼ sec. cor., at intersection with the E and W center line of sec. 28.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W C ¼ S28 1984</p> <p>Set a steel fence post alongside the cor. in mound of stone.</p>
79.76	<p>The ¼ sec. cor. of secs. 21 and 28, monumented with an iron post, 1 in. diam., 10 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S21 S28 1931</p> <p>from which the remaining bearing tree</p> <p style="text-align: center;">A palo verde, 6 ins. diam., bears N 1° E, 79 lks. dist., with no marks visible.</p> <hr/>

Subdivision of Section 28
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

	CHAINS		
		<p>From the $\frac{1}{4}$ sec. cor. of secs. 27 and 28, monumented with an iron post, 1 in. diam., projecting 18 ins. out of a mound of stone, 2 ft. base, 6 ins. high, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S28 S27 1931</p> <p>from which</p> <p style="padding-left: 40px;">A palo verde, 9 ins. diam., bears N $82\frac{1}{2}^\circ$ E, 132 lks. dist., with no scribe marks visible.</p> <p style="padding-left: 40px;">A palo verde, 5 ins. diam., bears S 50° W, 29 lks. dist., with no visible scribe marks.</p> <p>Cor. is located 17 lks. N of a power line, bearing N 70° E and S 70° W.</p> <p>N $89^\circ 46'$ W, on the E and W center line of sec. 28.</p>	
	40.01	The center $\frac{1}{4}$ sec. cor. of sec. 28.	
	60.05	<p>Point for the center W $1/16$ sec. cor. of sec. 28.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W C $\frac{W 1/16}{S28}$ C 1984</p>	
	69.75	Power line, bears N $38^\circ 09'$ W and S $38^\circ 09'$ E.	
	70.48	<p>Point for the witness point, at the intersection with the center line of the right-of-way of Rainbow Valley Road, paved, bears N $38^\circ 09'$ W and S $38^\circ 09'$ E.</p> <p>Set a railroad spike in center of paved road, with top mkd.</p> <p style="text-align: center;">BLM W P S28 1984</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum post, 28 ins. long, 1 in. diam., set 25 ins. in the ground, for a reference monument, bears N $10^\circ 33'$ E, 62.1 ft. dist., mkd. WP RM 62.1 FT S28 1984, and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An aluminum post, 28 ins. long, 1 in. diam., set 26 ins. in the ground, for a reference monument, bears N $74^\circ 43'$ E, 62.1 ft. dist., mkd. WP RM 62.1 FT S28 1984, and an arrow pointing to the cor.</p> <p>and from which</p>	

Subdivision of Section 28
T 1 S, R 2 W, Gila and Salt River Mer., Arizona

CHAINS	<p>The witness point on the South bdy. of sec. 28, hereinbefore described, bears S 38°09' E, 50.47 chs. dist.</p>
80.09	<p>The ¼ sec. cor. of secs. 28 and 29.</p> <hr/> <p style="text-align: center;">SW ¼ of Sec. 28</p> <hr/> <p>From the W 1/16 sec. cor. of secs. 28 and 33.</p> <p>N 0°13' W, on the N and S center line of the SW¼ of sec. 28.</p>
19.89	<p>Point for the SW 1/16 sec. cor. at intersection with the E and W center line of the SW¼ of sec. 28.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T 1 S R 2 W SW 1/16 S28 1984</p>
26.49	<p>Set a steel fence post alongside the cor.</p> <p>Center line of the right-of-way of Rainbow Valley Road, paved, bears N 38°09' W and S 38°09' E.</p>
39.78	<p>The center W 1/16 sec. cor. of sec. 28.</p> <hr/> <p>From the center S 1/16 sec. cor. of sec. 28.</p> <p>S 89°53' W, on the E and W center line of the SW¼ of sec. 28.</p>
14.90	<p>Center line of the right-of-way of Rainbow Valley Road, paved, bears N 38°09' W and S 38°09' E.</p>
20.05	<p>The SW 1/16 sec. cor. of sec. 28.</p>
40.10	<p>The S 1/16 sec. cor. of secs. 28 and 29.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>Township 1 South, Range 2 West, is situated about 5 miles South of Liberty, Arizona, on the road to Rainbow Valley. The elevation is approximately 1000 ft. above sea level. The terrain is relatively level in the South ½ of section 28 and rolling to mountainous in the North ½ of the section. Vegetation consists of catclaw, creosote, scattered mesquite, palo verde and saguaro.</p> <p>Access to the area is provided by a paved road and dirt roads traverse throughout the lower half of the sec.</p> <p>There is no evidence of active mining at the present time.</p> <p>The average of a number of magnetic readings throughout the section gives a mean magnetic declination of 14° E, with no noticeable differences due to local attraction.</p>

CERTIFICATE OF SURVEY

We, Harry K. Smith and Will C. Gabonay, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of October, 1984, We have dependently resurveyed a portion of the subdivisional lines and surveyed the subdivisions in section 28, Township 1 South, Range 2 West, 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 us and under our 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, and in specific manner described in the foregoing field notes.

OCT 12 1984

(Date)

Harry K. Smith
(Cadastral Surveyor)

OCT 12 1984

(Date)

Will C. Gabonay
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

Arizona State Office
Bureau of Land Management
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the survey of the subdivisions in section 28, Township 1 South, Range 2 West, Gila and Salt River Meridian, Arizona, executed by Harry K. Smith and Will C. Gabonay, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

OCT 12 1984

(Date)

Frederick E. Knight
(Acting Chief Cadastral Surveyor of Arizona)