ORIGINAL

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BOOK 5320

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION

OF

THE SUBDIVISIONAL LINES

TOWNSHIP 20 NORTH, RANGE 15 WEST

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

EXECUTED BY

Dean E. Wiese , Cadastral Surveyor

Steve D. Cully , Cadastral Surveyor

Under special instructions dated November 21, 1990, approved November 21 1990

, which provided for the surveys included under Group Number
725 and assignment instructions dated November 21, 1990.

Survey commenced November 27, 1990
Survey completed December 10, 1990

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T. 20 N., R. 15 W., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines of Township 20 North, Range 15 West, Gila and Salt River Meridian, Arizona.

The West boundary and subdivisional lines were surveyed by Albert Smith in 1916.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated November 21, 1990, for Group No. 725, 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. 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 purpose of this survey was to verify whether or not a trespass existed on the line between sections 6 and 7.

The directions of all lines were determined by hour angle observations on the sun, and refer to the true meridian. All distances and angles were measured with Leitz Set 4, Zeiss Elta 3, or Zeiss Elta 46 total station instruments. All distances and bearings were verified by GPS baseline run between corners, using Motorola Eagle Gobal Positioning equipment.

The geographic position of the cor. of secs. 1, 6, 12, and 7, as determined by a tie to N.G.S. triangulation station "Gloff", located in section 7, Township 17 North, Range 17 West, by differential baseline positioning, using the Motorola Golden Eagle Global Positioning System, is as follows:

NAD 27: Latitude: 35°08'16.79" N. Longitude: 113°54'52.41" W.

The mean magnetic declination, as taken from quadrangle map of RATTLESNAKE HILL, AZ., published in 1968 by the U.S. Geological Survey, is 15° E.

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Dependent Resurvey, Portion of the Subdivisional Lines,
T. 20 N., R. 15 W., Gila and Salt River Mer., Arizona

CHAINS	
	Restoring the survey executed by Albert Smith in 1916.
	Beginning at the 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 1 ins. diam., projecting 20 ins. above ground, with brass cap mkd.
	T20N R15W 1/4 S 7 | S 8 1916
	Cor. is located on a steep slope, sloping SE.
	Not remonumented
	N. 0°20' E., bet. secs. 7 and 8.
	Over rugged, broken land, through moderate pinyon and juniper.
39.87	Point for the cor. of secs. 5, 6, 7 and 8, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T20N R15W S 6 | S 5 --- S 7 | S 8 1990
	from which
	A pinyon, 8 ins. diam., bears N. 3 1/4° E., 60 lks. dist., mkd. T20N R15W S5 BT.
	A pinyon, 7 ins. diam., bears S. 41 1/2° W., 14 lks. dist., mkd. T20N R15W S7 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.

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Dependent Resurvey, Portion of the Subdivisional Lines,
T. 20 N., R. 15 W., Gila and Salt River Mer., Arizona

CHAINS	
	From the 1/4 sec. cor. of secs. 5 and 8, monumented with an iron post, 1 in. diam., projecting 21 ins. above ground, in a scattered mound of stone, with brass cap mkd. T20N R15W S 5 1/4 S 8 1916 Not remonumented N. 89°51' W., bet. secs. 5 and 8. Ascend through thick undergrowth of oak brush.
3.40	Top of ridge bears N. and S.
39.98	The cor. of secs. 5, 6, 7, and 8.

	N. 89°58' W., bet. secs. 6 and 7. Ascend through thick underbrush and moderate pinyon and juniper.
5.00	Saddle of ridge bears N. and S. Thence over rugged broken terrain.
37.60	Crest of ridge sloping SW, bears NW and SE.
39.94	Point for the 1/4 sec. cor. of secs. 6 and 7, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T20N R15W S 6 1/4 S 7 1990 from which A pinyon, 5 ins. diam., bears N. 74 3/4° E., 36 lks. dist., mkd. X BT. A pinyon, 5 ins. diam., bears S. 31 1/4° W., 36 lks. dist., mkd. X BT.

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Dependent Resurvey, Portion of the Subdivisional Lines,
T. 20 N., R. 15 W., Gila and Salt River Mer., Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	From this cor. point, a gear bar, 3/4 ins. diam., 4 ins. below surface, bears S. 5°22' E., 22 lks. dist. (As per plat by Stovall Eng., Bullhead AZ.). This bar is identified as a temporary point according to Mr. Stovall.
	From this same cor. point, the NW cor. of an irregular shaped wooden corral, 40 X 60 ft., bears S. 89°44' W., 15.30 chains dist., Long side bears SW.
	From this same cor. point, the SW cor. of the same corral bears S. 87°25' W., 16.00 chains dist.
	Descend through moderately heavy pinyon, juniper, and manzanita.
53.15	Barbed wire fence, bears N. and S., enter inhabited area crossing numerous fences
54.30	Overhead electric service line, line extends N. to house and S. to power pole, 8 lks. dist., power line bears N. 89°47' W.
62.34	Overhead electric service line, bears N., extending from above mentioned power line, power pole 5 lks. S.
76.74	The cor. of secs. 1, 6, 12, and 7, on the W. Bdy. of the Tp., monumented with an iron post, 3 ins. diam., projecting 24 ins. above ground , with brass cap mkd.

T20N

R16W	R15W
S 1	S 6
S12	S 7

1916

Cor. is located 4 lks. S. of a fence cor., barbed wire fences extend N. and E.

Not remonumented

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Dependent Resurvey, of a Portion of the Subdivisional Lines,
T. 20 N., R. 15 W., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°17' W., bet. secs. 5 and 6.
	Ascend through thick underbrush and moderate pinyon and juniper.
5.50	Crest of ridge bears NE and SW.
	Descend over westerly slope through rugged terrain.
39.87	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, with brass cap mkd.

T20N R15W
1/4
S 6 | S 5
1916

from which bearing trees of record

A partially dead pinyon 13 ins. diam., bears N. 64 1/2° E., 59 lks. dist., mkd. 1/4 S5 BT.

A pinyon, 10 ins. diam., bears S. 46 3/4° W., 61 lks. dist., mkd. 1/4 S6 BT.

Cor. is located in a barbed wire fence extends N. and S.

Not remonumented

GENERAL DESCRIPTION

The land encompassed in this survey is located approximately 10 miles south of Kingman AZ. Access is by DW Ranch Road. The average elevation ranges from 3500 to 5000 ft. above mean sea level.

The terrain consists of deep canyons and rocky slopes. Vegetation consists of pinyon, manzanita, juniper and oak brush.

No mining activity in this general area.

The magnetic declination is 15° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Luke B. Granger	Surveying Technician
Gordon R. Bubel	Surveying Technician
Ted E. Cazier	Surveying Aid

CERTIFICATE OF SURVEY

We, Dean E. Wiese and Steve D. Cully, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 21th day of November, 1990, have dependently resurveyed a portion of the subdivisional lines of of Township 20 North, Range 15 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.

7/1/91 (Date) — Dean E. Wiese (Cadastral Surveyor)

7/3/91 (Date) — Steve D Cully (Cadastral Surveyor)

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 of Township 20 North, Range 15 West, Gila and Salt River Meridian, Arizona, executed by Dean E. Wiese and Steve D. Cully, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

AUG 13 1991 (Date) — James K. Talbot (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. 20 N., R. 15 W., ~~Gila~~ and Salt River Meridian, Arizona, is a true copy of the original field notes.

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