

INDEX DIAGRAM

TOWNSHIP 23 NORTH, RANGE 17 WEST,

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Informative Traverse Sec. 3 Pages 7 and 8

BOOK 5321

T. 23 N., R. 17 W., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of portions of the north boundary and subdivisional lines and the survey of the informative traverse of the southerly right-of-way of Vock Canyon Road in section 3, Township 23 North, Range 17 West, Gila and Salt River Meridian, Arizona.

Omar H. Base surveyed the exterior lines in 1872. Guy H. Richardson dependently resurveyed the north boundary and surveyed the subdivisional lines in 1916.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and 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 a search was made for all corners and other calls of 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 define the southerly right-of-way of Vock Canyon Road that traverses through private land in section 3, for easement procurement purposes.

The direction of lines were determined by hour angle solar observations, and refer to the true meridian. Distances and angles were measured using a Lietz Set 4 electronic instrument. All distances and bearings were verified by GPS baselines run between corners, using Motorola Ealge Gobal Positioning equipment.

The geographic position of the 1/4 sec. cor. of secs. 3 and 4, as determined by a tie to N.G.S. triangulation station "Gloff", located in section 7, Township 17 North, Range 17 West, by the technique of differential positioning, using the Motorola Golden Eagle Global Positioning System, is as follows:

NAD 27: Latitude: 35°24'38.79" N Longitude: 114°05'31.54" W

The magnetic declination as taken from quadrangle map ELEMENTS CANYON, ARIZ., published in 1968 by U.S. Geological Survey, is 15° E.

Dependent Resurvey, Portion of the North Boundary,
T. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by Guy H. Richardson, in 1916</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 3 and 34, monumented with an iron post, 1 in. diam., projecting 10 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> S 34 <u>1/4</u> S3 1916 </p> <p>Add the marks 1990 on the brass cap.</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 50°50' E., 77.2 ft. dist., with brass cap mkd. RM 1/4 S34 77.2 FT 1990, and an arrow pointing to the cor. Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 11°06' W., 58.5 ft. dist., with brass cap mkd. RM 1/4 S3 58.5 FT 1990, and an arrow pointing to the cor. Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the NW cor. of the concrete foundation of a rectangular frame house, 36 x 16 ft., bears S. 12°27' E., 89 lks. dist., long side bears N. 80° E., short side bears S. 10° E.</p> <p>N. 89°43' W., bet. secs. 3 and 34.</p> <p>Over rolling rocky land through medium underbrush and cacti.</p>
18.35	Unimproved road, 23 lks. wide, bears ENE and WSW.
36.96	Point for a witness point, at intersection with the southerly right-of-way of Vock Canyon Road.

BOOK 5321

Dependent Resurvey, Portion of the North Boundary,
T. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
26 ins. in the ground, with brass cap mkd.

WP
T24N R17W
S34
S3
T23N
1990

Deposit broken brown glass, and 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.

39.83 Point for the cor. of secs. 3, 4, 33 and 34, at proportionate
dist.; there is no remaining evidence of the original cor.
position.

an iron pipe, 36 ins. long, 3 ins. diam., with brass cap
mkd. T24N R17W S33 S34 S4 S3 T23N 1916, was found lying
18 ins. below and horizontal to the ground and at the S.
side of a wash.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
27 ins. in the ground, over a steel fence post, with brass cap
mkd.

T24N R17W
S33 | S34

S4 | S3
T23N
1990

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set
25 ins. in the ground, for a reference monument, bears
N. 8°35' E., 163.7 ft. dist., with brass cap mkd. RM T24N
R17W S34 163.7 FT 1990, and an arrow pointing to the cor.
Deposit broken brown glass, and a magnet in a 1 x 1 x 2
5/8 in. white plastic case beneath the stainless steel
post.

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BOOK 5321

Dependent Resurvey, Portion of the North Boundary,
T. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 66°40' E., 64.2 ft. dist., with brass cap mkd. RM T23N R17W S3 64.2 FT 1990, and an arrow pointing to the cor. Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the 1916 monument alongside the stainless steel post.</p> <p>Cor. is located on the S. bank of a wash, 150 lks. wide, drains ENE.</p> <hr/>
	<p>N. 89°43' W. bet. secs. 4 and 33.</p> <p>Across rolling broken ground, along wash, through medium juniper, underbrush and cacti.</p>
2.90	Wash, 150 lks. wide, drains ENE.
9.68	Barbed wire fence, extends NNW and SSE.
19.80	North bank of wash, 120 lks. wide, drains ENE, begin ascent.
24.10	End ascent from wash.
39.83	The 1/4 sec. cor. of secs. 4 and 33, monumented with an iron post, 1 in. diam., projecting 19 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, with brass cap mkd.
	<p style="text-align: center;">S 33 <u>1/4</u> S4 1916</p>
	<p>A mound of stone, 2 ft. base, 1 1/2 ft. high is set N. of cor.</p> <p>Not remonumented</p> <hr/>

BOOK 5321

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by Guy H. Richardson, in 1916</p> <hr/> <p>From the 1/4 sec. cor. of secs. 3 and 4, monumented with an iron post, 1 in. diam., projecting 19 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, with brass cap mkd.</p> <p style="text-align: center;">S4 S3 1/4 1916</p> <p>A mound of stone, 2 ft. base, 1 1/2 ft. high is set W. of cor., Not remonumented</p> <p>Cor. is located on a moderate N. facing slope.</p> <p>N. 0°03' E., bet. secs. 3 and 4.</p> <p>Across rolling broken land through medium juniper, thick underbrush and cacti.</p> <p>27.60 Base of bluff, bears WNW and ESE.</p> <p>29.80 Barbed wire fence, extends ENE and WSW.</p> <p>29.90 Unimproved road, bears ENE and WSW.</p> <p>37.03 Point for a witness point, at intersection with the southerly right-of-way of Vock Canyon Road.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WP T23N R17W S4 S3 1990</p> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>41.77 The cor. of secs. 3, 4, 33, and 34, hereinbefore described.</p> <hr/>

Survey of the Informative Traverse of the Southerly
Right-of-Way of Vock Canyon Road in Section 3,
T. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>From the witness point, on the line bet. secs. 3 and 34, hereinbefore described..</p> <p>S. 13°39' W., along the southerly right-of-way of Vock Canyon Road.</p> <p>4.11 Point for AP 1, at the southerly right-of-way of Vock Canyon Road.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T23N R17W</p> <p style="text-align: center;">AP 1 S3 1990</p> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 69°07' W., beginning a new measurement.</p> <p>2.03 The witness point, on the line bet. secs. 3 and 4, hereinbefore described.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;"><u>General Description</u></p> <p>The survey was located about 17 miles north of Kingman, Az., in a mostly rural area, in rugged mountain terrain and rolling valleys. Access from Kingman is via Stockman Hill Road. Elevations range from 4000 to 4500 ft. above mean sea level.</p> <p>Soil is mostly rocky and not suitable for cultivation, although native species of trees, shrubs, and grasses thrive in the arid climate and harsh terrain and provide good forage for cattle and wild game.</p> <p>No mining activity was noted.</p> <p>The magnetic declination is 15° E.</p>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

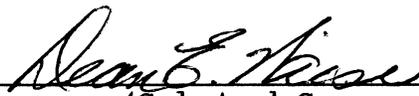
NAMES	CAPACITY
Robert J. Lyle	Surveying Technician
Rebecca R. Ramirez	Surveying Technician

CERTIFICATE OF SURVEY

We, Dean E. Wiese and Stephen K. Hansen, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 21st day of November, 1990, have dependently resurveyed portions of the north boundary, subdivisional lines, and survey of the informative traverse of the southerly right-of-way of Vock Canyon Road in section 3, of Township 23 North, Range 17 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.

6/10/91

(Date)



(Cadastral Surveyor)

6/10/91

(Date)



(Cadastral Surveyor)

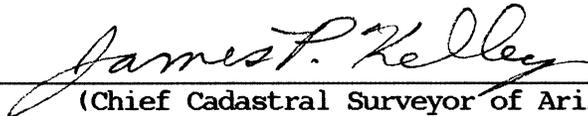
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the north boundary, subdivisional lines, and the survey of the informative traverse of the southerly right-of-way of Vock Canyon Road in section 3, of Township 23 North, Range 17 West, Gila and Salt River Meridian, Arizona, executed by Dean E. Wiese and Stephen K. Hansen, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

JUL 5 1991

(Date)



(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. 23 N., R. 17 W., Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

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