Form 9180-6 (April 1965) (formerly 4-679)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

RETRACEMENT
OF A
PORTION OF THE ARIZONA-NEW MEXICO STATE LINE
AND
DEPENDENT RESURVEY
OF
A PORTION OF THE
NORTH BOUNDARY AND SUBDIVISIONAL LINES
OF
FRACTIONAL TOWNSHIP 6 NORTH, RANGE 31 EAST
,
Of theMeridia
In the State ofArizona
EXECUTED BY
Gary T. Oviatt Cadastral Surveyor
Mov. 6 60
Under special instructions datedMay 6, 19, which provided for the surve
included under Group Number 457 , approved May 6, 1969
and assignment instructions dated <u>May 6, 1969</u> , 19
Survey commenced May 12 , 19 69
Survey completed <u>May 19</u> , 19 69

B O O K 4 9 1 4

INDEX DIAGRAM

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6	5	4	8	4 8 2 1 6	NEW MEXICO
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Fractional Township 6 North, Range 31 East Gila and Salt River Meridian, Arizona

CHAINS

The east boundary, the Arizona-New Mexico State Line, was surveyed in 1875 by C. Robbins. The north boundary and subdivisional lines were surveyed in 1883 by W. R. Fitzgerald. The east boundary, the Arizona-New Mexico State Line, was retraced in 1902 by W. H. Thorn, who monumented Forest Service Boundary Points along the east boundary. The east boundary, the Arizona-New Mexico State Line, was resurveyed in 1937 by Lloyd E. Toland.

The following field notes are those of a retracement of a portion of the Arizona-New Mexico State Line from the $211\frac{1}{2}$ mile corner to the 210 mile corner and a dependent resurvey of a portion of the north boundary and subdivisional lines of fractional Township 6 North, Range 31 East, Gila and Salt River Meridian, Arizona.

The surveys were executed in accordance with the specifications set forth in the Manual of Surveying Instructions 1947, and the Special Instructions dated May 6, 1969.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post, 30 inches long, $2\frac{1}{2}$ inches diameter, flanged at the base, with a brass cap riveted to the top.

The geographic position of the southeast corner of section 2, as scaled from USGS and USC&GS quadrangle Alpine, Arizona-New Mexico, dated 1958, scale 1:62500 is: Latitude 33°56'10" North and Longitude 109°02'48" West.

The mean magnetic declination was found to be: $13\frac{1}{2}^{\circ}$ East

Retracement of the Arizona-New Mexico State Line from the $211\frac{1}{2}$ MP to the 210 MP

Retracement of the Resurvey executed by Lloyd E. Toland in 1937

The $211\frac{1}{2}$ mile cor. monumented by an iron post 1 in. diam. projecting 10 ins. above the ground, brass cap mkd.

211½ M
ARI NM
1937

from which

A pine, 18 ins. diam., bears S. 11° E., 86 lks. dist., mkd. $211\frac{1}{2}$ M NM BT. (Record: 8 lks. dist.).

A pine, 30 ins. diam., bears S. 76° W., 64 lks. dist., mks. visible but not legible.

The cor. is located 11 lks. East of a N. and S. fence.

N. 0°04' E., along 211th mile.

Over rolling and mountainous land, through moderate timber, along $E.\$ side of a $N.\$ and $S.\$ fence.

Creek, 10 lks. wide, 1 ft. deep, course S. 80° E.; asc. S. slope.

1.00

Ret., Portion Arizona-New Mexico State Line

	Ret., Portion Arizona-New Mexico State Line
CHAINS	
2.56	Forest Reserve Boundary Post No. 67, monumented by an iron post 3 ins. diam., projecting 12 ins. above the ground, set in a collar of stone, brass cap mkd.
	US FOREST RESERVE
٠	BOUNDARY POST No. 67 1902
	from which
	A fence cor., bears North 4 lks. dist.; fences bear N., S. and N. 87° W.
3.02	Point for the closing cor. of secs. 2 and 11, T. 6 N., R. 31 E., Arizona, hereinafter described.
3.90	Graded road, bears S. 50° E. and N. 50° W.
17.10	Top of ridge, bears SE. and NW., desc. N. slope; enter burned area.
26.08	The ½ sec. cor. of sec. 21, T. 4 S., R. 21 W., New Mexico, monumented by an iron post 1 in. diam., firmly set in a mound of stone, brass cap mkd.
,	ARI \$21 NM 1937
	from which
	A pine stump, 14 ins. diam., bears N. 77° E., 36 lks. dist., mkd. T.
	A pine stump, 13 ins. diam., bears S. 31½° E., 117 lks. dist., mkd. BT. (Record: 121 lks. dist.).
	The cor. is located 10 lks. East of a N. and S. fence.
40.17	The 211th mile cor., monumented by an iron post 2 ins. diam., firmly set in a mound of stone, brass cap mkd.
	211 M
	ARIZ NM
	1937
. ,	from which
,	A pine stump, 15 ins. diam., bears N. 28½° E., 29 lks. dist., mks. visible but not legible.
9	A pine stump, 17 ins. diam., bears S. $25\frac{1}{2}$ ° W., 60 lks. dist., mkd. T. (Record: S. $52\frac{1}{2}$ ° W.).
	A pine stump, 22 ins. diam., bears N. 53% W., 165 lks. dist., mkd. with a partially open blaze. (Record: 153 lks. dist.).
	The cor. is located 10 lks. East of a N. and S. fence.

Ret., Portion Arizona-New Mexico State Line

	Ret., Tolelon Milbona New Henries Deate Zine
CHAINS	
o	Land, rolling and mountainous. Soil, rocky clay loam.
	Timber, pine, juniper and oak.
	Undergrowth, bunch grass and scrub oak.
, ,	
	N. 0°02' W., along the 210th mile.
	Over rolling and mountainous land, across burned area.
15.60	Creek in bottom of canyon, 10 lks. wide, 1 ft. deep, course SE.; asc. S. slope; leave burned area; enter moderate timber.
25.96	The closing cor. of secs. 16 and 21, T. 4 S., R. 21 W., New Mexico, monumented by an iron post 2 ins. diam., projecting 10 ins. above the ground, brass cap mkd.
	T4S R21W S16 C S21 C
,	1937
	from which
,	
	A pine stump, bears N. 72° E., 85 1ks. dist., mkd. T4SR21W S16 BT. (Record: N. 76½° E., 88 1ks. dist., T4SR21W S16 C C BT).
	A pine stump, 17 ins. diam., bears S. 49° E., 102 lks. dist., mkd. T4SR21W S21 BT. (Record: S. 50½° E., 107 lks. dist., mkd. T4SR21W S21 C C BT).
	The cor. is located 11 lks. East of a N. and S. fence.
37.38	Fall 12 lks. E. of Forest Reserve Boundary Post No. 68, monumented by an iron post 3 ins. diam., set in a mound of stone, brass cap mkd.
	US FOREST RESERVE
	+ BOUNDARY POST No. 68
	1902
	The cor. is located 6 lks. East of a N. and S. fence.
40.16	The $210\frac{1}{2}$ mile cor., monumented by an iron post 1 in. diam., projecting 10 ins. above the ground, brass cap
3	mkd.
. ·	210½ M
	ARI NM
	1937
	from which
	A pine stump, 22 ins. diam., bears N. 50° E., $49\frac{1}{2}$ 1ks. dist., mkd. BT. (Record: N. $57\frac{1}{2}^{\circ}$ E., 57 1ks. dist.).
	A dead pine, 28 ins. diam., bears S. 52° W., 35 1ks. dist., mkd. 210½ M ARIZ BT. (Record: S. 46° W., 32 1ks. dist.).
1	ı

Ret., Portion Arizona-New Mexico State Line

CHAINS	The cor. is located 20 lks. E. of a N. and S. fence.
	N. 0°02' W., beginning new measurement.
2.11	The closing cor. of secs. 2 and 35, Tps. 6 and 7 N., R. 31 E., Arizona, hereinafter described.
14.10	Rocky ridge, bears E. and W.; desc. N. slope.
18.30	Sag, drains E.; asc. S. slope.
25.83	The ½ sec. cor. of sec. 16, T. 4 S., R. 21 W., New Mexico, monumented by an iron post 1 in. diam., projecting 10 ins. above the ground, brass cap mkd.
-	ARI S16
	1937
	from which
	A pine, 12 ins. diam., bears N. 34½° E., 28 1ks. dist., mkd. ½ S16 BT.
,	A pine, 10 ins. diam., bears S. 19½° E., 34 lks. dist., mkd. ½ S16 BT.
	The cor. is located 17 lks. East of a N. and S. fence.
29.30	Ridge, bears E. and W.; desc. N. slope.
39.00	Graded road, bears E. and W.
40.18	The 210 mile cor., monumented by an iron post 2 ins. diam., projecting 10 ins. above the ground, set in a collar of stone, brass cap mkd.
	210 M
	ARI NM
	1937
	from which
	A pine, 19 ins. diam., bears N. 32° E., 16 1ks. dist., mkd. NM 210 M.
,	A pine, 18 ins. diam., bears S. 80½° W., 43 lks. dist., mkd. with a cut in blaze, scribe mks. visible but not legible.
	A pine, 15 ins. diam., bears N. 56½° W., 68 lks. dist., mkd. 210 MP ARIZ BT. (Record: 60 lks. dist.).
	The cor. is located under a N. and S. fence.
	Land, rolling and mountainous. Soil, rocky clay loam. Timber, pine, juniper and oak. Undergrowth, bunch grass and scrub oak.
,	
. *	Dependent Resurvey, Portion North Boundary, Fractional T. 6 N., R. 31 E.
, ,	Reestablishment of the Survey Executed by W. R. Fitzgerald in 1883
	The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the

Dep. Res., Portion North Bdy. Fractional T. 6 N., R. 31 E.

CHAINS	Tp., monumented by a lava stone, 18 x 12 x 7 ins., set 8 ins. in the ground, mkd. 4 notches on W. face, set in a collar of stone, from which the remains of an original bearing tree:
	A pine stump, 25 ins. diam., bears N. $49\frac{3}{4}^{\circ}$ E., 75 lks. dist., mkd. 5 BT. (Record N. $76\frac{1}{2}^{\circ}$ E., 80 lks. dist.).
	At the corner point
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T7N R31E S34 S35 S 3 S 2 T6N 1969
	from which
	A pine, 8 ins. diam., bears S. 77°45' E., 128 1ks. dist., mkd. T6N R31E S2 BT.
	A pine, 8 ins. diam., bears S. 47°15' W., 187 1ks. dist., mkd. T6N R31E S3 BT.
,	Bury the orig. cor. stone alongside the iron post.
r	Raise a mound of stone W. of the cor.
	N. 89°39' E., bet. secs. 2 and 35.
	Over rolling mountainous land, through moderate timber.
1.30	Wash, 10 lks. wide, 1 ft. deep, drains SE.; asc. W. slope.
8.90	Top of ridge, bears SE. and NW.; desc. E. slope.
20.00	Wash, 5 lks. wide, 1 ft. deep, drains S. 20° E.; asc. W. slope.
33.00	Top of ridge, bears N. and S.; desc. gradual E. slope.
37.53	Fence, bears N. and S.
37.74	Intersect the Arizona-New Mexico State Line.
	The closing cor. of secs. 2 and 35, Tps. 6 and 7 N., R. 31 E., monumented by a lava stone, 14 x 8 x 4 ins. lying loose on the ground, mkd. 6 notches on 2 faces and CC on one face, with a rebar $\frac{3}{4}$ ins. diam., alongside, from which the remains of the original bearing trees:
	A pine stump, bears E., 16 lks. dist., mkd. BT.
,	A rotten pine stump, bears N. 50° W., 18 1ks. dist., no visible markings.
1	At the corner point
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T7N R31E C <u>S35</u> New C <u>S 2</u> Mex T6N 1

Dep. Res., Portion North Bdy. Fractional T. 6 N., R. 31 E.

CHAINS

from which

The 210 mile cor., bears N. 0 $^{\circ}$ 02 W., 38.07 chs. dist., hereinbefore described.

The 210½ mile cor., bears S. 0°02' E., 211 1ks. dist., hereinbefore described.

Raise a mound of stone W. of the corner.

Bury the orig. cor. stone and the re-bar alongside the iron post.

The cor. is located 21 lks. East of a N. and S. fence.

Land, rolling and mountainous.
Soil, rocky clay loam.
Timber, pine, juniper and oak.
Undergrowth, bunch grass and scrub oak.

Dependent Resurvey, Portion Subdivisional Lines, Fractional T. 6 N., R. 31 E.

Reestablishment of the Survey executed by W. R. Fitzgerald in 1883

The cor. of secs. 2, 3, 10 and 11, monumented by a re-bar $\frac{3}{2}$ ins. diam., set in a mound of stone, from which the remains of the original bearing trees:

A pine stump, bears S. $47\frac{1}{2}^{\circ}$ E., 25 lks. dist., mkd. with a cut in blaze. (Record: S. 45° E.).

Center of a stump hole of a fallen pine, bears S. $62\frac{1}{2}^{\circ}$ W., 64 lks. dist., fallen pine is mkd. with an 18 in. blaze, scribe mks. visible but not legible. (Record: S. 45° W.).

A pine stump, bears N. $64\frac{3}{2}^{\circ}$ W., 87 lks. dist., no mks. visible. (Record: N. 80° W.).

At the corner point

Set the iron post 20 ins. in the ground in a collar of stone, brass cap mkd .

from which

A fence cor., bears S. $47\frac{1}{2}^{\circ}$ E., 25 lks. dist.; fences bear N. and E.

Bury the re-bar and set a steel fence post 6 ft. long, alongside the iron post.

S. 89°42' E., bet. secs. 2 and 11.

Over nearly level land, across burned area.

Dep.	Res.,	Portion	Subdivisional	Lines,	Τ.	6	Ν.,	R.	31	Ε.
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	.3 6	Dep. Res., Portion Subdivisional Lines, T. 6 N., R. 31 E.
	CHAINS	
	17.20	E. edge of ridge, bears SE. and NW.; enter timber; desc. E. slope.
	29.40	Fence, bears S. 87° E. and N. 87° W.; bottom of descent, thence over nearly level land.
	32.60	Track road, bears SE. and NW., 20 1ks. dist., thence W.
	35.30	Creek, 5 lks. wide, 1 ft. deep, course S. 80° E.; asc. gradual W. slope.
	35.76	Point for the ½ sec. cor. of secs. 2 and 11, at proportionate dist., there is no remaining evidence of the original corner; not monumented.
	37.56	Fence, bears N. and S.
	37.58	Intersect the Arizona-New Mexico State Line.
		The closing cor. of secs. 2 and 11, monumented by a re-bar ½ in. diam., projecting 2 ins. above the ground. This cor. point conforms to the distance tie made in the retracement of the Arizona-New Mexico State Line in 1902. This is accepted as best remaining evidence of the original corner position.
	a	At the corner point
		Set the iron post 24 ins. in the ground, brass cap mkd.
		T6N C R31E New C <u>S 2</u> Mex 1969
		from which
		A pine, 10 ins. diam., bears S. 80° W., 23 lks. dist., mkd. T6NR31W CC S11 BT.
	,	The 211 mile cor., bears N. 0°04' E., 37.15 chs. dist., hereinbefore described.
		The 211½ mile cor., bears S. 0°04' W., 3.02 chs. dist., hereinbefore described.
		Forest Reserve Boundary Post No. 67, bears S. 0°04' W., 46 lks. dist., hereinbefore described.
		Raise a mound of stone W. of the corner.
		Bury the re-bar and set a steel fence post 6 ft. long, alongside the iron post.
		Land, rolling mountainous. Soil, rocky clay loam. Timber, pine, juniper and oak. Undergrowth, bunch grass and scrub oak.
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Dep. Res., Portion Subdivisional Lines, T. 6 N., R. 31 E.

CHAINS

The point for the $\frac{1}{2}$ sec. cor. of sec. 2 only, T. 6 N., R. 31 E., is at proportionate distance and on the E. bdy. of the Tp.

At the corner point

Set the iron post 24 ins. in the ground, brass cap mkd.

from which

The 211 mile cor., bears S. 0°02' E., 2.30 chs. dist., hereinbefore described.

Raise a mound of stone W. of the corner.

Set a steel fence post 6 ft. long, alongside the iron post.

The cor. is located 8 lks. East of a N. and S. fence.

The point for the S 1/16 sec. cor. of sec. 2 only, T. 6 N., R. 31 E., is at midpoint bet. the closing cor. of secs. 2 and 11 and the $\frac{1}{4}$ sec. cor. of sec. 2, and on the E. bdy. of the Tp.

At the corner point

Set the iron post 24 ins. in the ground, brass cap mkd.

from which

The 211 mile cor., bears N. 0°04' E., 17.425 chs. dist., hereinbefore described.

Raise a mound of stone W. of the corner.

Set a steel fence post 6 ft. long, alongside the iron post.

The cor. is located 10 lks. East of a N. and S. fence.

From the cor. of secs. 2, 3, 10 and 11.

N. $0^{\circ}05'$ W., bet. secs, 2 and 3.

Over rolling mountainous land, across burned area.

4.50 E. edge of ridge, bears E. and W.; leave burned area, desc. N. slope through moderate timber.

15.60 | Creek, 5 lks. wide 6 ins. deep, course E.; asc. S. slope.

17.00 Fence, bears S. 5° E. and N. 5° W.

9.

 T crission	Dep. Res., Portion Subdivisional Lines, T. 6 N., R. 31 E.
19.60	Fence, bears N. 89° E. and S. 89° W.
19.70	Point for the S 1/16 sec. cor. of secs. 2 and 3, at proportionate dist.
	Set the iron post 22 ins. in the ground, brass cap mkd.
	T6N R31E S1/16 S 3 S 2 1969
٠	from which
,	A pine, 7 ins. diam., bears N. 74° E., 85 lks. dist., mkd. T6NR31E S1/16 S2 BT.
	A pine, 10 ins. diam., bears N. $26\frac{1}{2}^{\circ}$ W., 47 lks. dist., mkd. T6NR31E S1/16 S3 BT.
	A fence cor., bears S. $60\frac{3}{4}^{\circ}$ W., $21\frac{1}{2}$ 1ks. dist.; fences bear N. 89° E. and S. 5° E.
22.60	Spur, slopes E.; desc. NE. slope.
34.50	Creek, 5 lks. wide, 6 ins. deep, course S. 70° E.; asc. S. slope.
35.80	Graded road, bears S. 70° E. and N. 70° W.
39.40	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3, at proportionate dist.; there is no remaining evidence of the original corner.
	Set the iron post 12 ins. in the ground, mound of stone to top, brass cap mkd.
	T6N R31E
	$\mathbf{S} 3 = 5 5 2$
	1969
	from which
	A pine, 7 ins. diam., bears N. 55° E., 18 1ks. dist., mkd. T6NR31E 支 S2 BT.
	A pine, 8 ins. diam., bears S. 54칯° W., 72½ 1ks. dist., mkd. T6NR31E 攴 S3 BT.
	Set a steel fence post 6 ft. long alongside the iron post.
50.00	Top of ridge, bears SE. and NW.; desc. gradually over rolling mountain top.
60.55	Logging road, bears S. 80° E. and N. 80° W.
69.80	Top of low ridge, bears SE. and NW.; cont. descending.
70.30	Track road, bears SE. and NW.
78.96	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp.

Dep. Res., Portion Subdivisional Lines, T. 6 N., R. 31 E.

CHAINS

Land, rolling mountainous.
Soil, rocky clay loam.
Timber, pine, juniper and oak.
Undergrowth, bunch grass and scrub oak.

General Description

Section 2, Township 6 North, Range 31 East is located approximately 4 miles east of Escudilla Mountain Lookout Tower, located on Escudilla Mountain. The east boundary of section 2 is the Arizona-New Mexico State Line. The elevation ranges from 8,560 to 8,700 ft. above sea level. The land is rolling and mountainous. The soil is rocky clay loam. There is a good growth of timber and undergrowth, consisting of pine, juniper, oak, scrub oak and bunch grass.

There is good access to this section, both from Arizona and new Mexico.

The south quarter of this section is fenced off with a log cabin located at the west end and a small lake located near the middle.

The land is used primarily for the grazing of livestock and as habitat for a variety of wildlife.

Form 9180-8 (March 1969)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY		
Ira M. Thiessen	Cadastral Surveyor		
Ronald G. Williams	Cadastral Surveyor		
Martin W. Fuller	Survey Aid		
Victor E. Templeton	Survey Aid		
Doyle L. Herbert	Survey Aid		
David M. Dettmer	Survey Aid		
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Contract of the contract of th			
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B O O K 4 9 1 4		
CERTIFICATE OF SURVEY		
(I) (Wax)x Gary T. Oviatt, Cadastral Surveyor		, HEREBY
CERTIFY upon honor that, in pursuance of special instructions	bearing date of the 6	th day
of May , 19 69 , (I) (Wex) have retraced a	portion of the	Arizona-
New Mexico State Line and dependently resurveye	ed a portion of th	ne north
boundary and subdivisional lines of fractional	Township 6 North	, Range
31 East,		
•		
of the Gila and Salt River Meridian, in the Sta	te of Arizona	, which
are represented in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having been executed in the foregoing field notes as having the field notes as having the field notes are the field notes as having the field notes are the field notes as having the field notes are the field notes as having the field notes are the field notes as having the field notes as having the field notes are the field not	cuted by (me), (xxx) and	d under (my)
(comp) direction; and that said survey has been made in strict co	onformity with said spe	cial instruc-
tions, the Manual of Instructions for the Survey of the Public	Lands of the United St	ates, and in
specific manner described in the foregoing field notes.		-
January 12, 1970 — January 1	n '4	,
	<i>VUTALL</i> dastral Surveyor)	
•		
(Date) (Ca	dastral Surveyor)	
CERTIFICATE OF APPROVA	.L	
SUBMITTED FOR APPROVAL		
Date JAN 1 9 1971	SUREAU OF LAND MAN ashington, D.C.	NAGEMENT
The foregoing field notes of the retracement of a portion	on of the Arizona	-New Mexico

State Line and the dependent resurvey of a portion of the north boundary and subdivisional lines of fractional Township 6 North, Range 31 East, of the Gila and Salt River Meridian, Arizona,

executed by Gary T. Oviatt, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

FEB	1 4 1972	Elark J Summ
	(Date)	(Chief, Division of Cadastral Survey)
		CERTIFICATE OF TRANSCRIPT
I CERTIFY	That the foregon	ing transcript of the field notes of the above-described surveys in
		, is a true copy of the original field notes.
		The state of the s