

HES

0

0

6

5

7

ORIGINAL

129

F. S. 1-16
RECEIVED
FEB 6 1931
FINAL ACTION

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

F. S. 8-8
RECEIVED
JAN 12 1931
FINAL ACTION

OF
EXCHANGE
~~HOMESTEAD ENTRY~~ SURVEY NO. 657

SITUATED IN THE CROOK NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3

In Section 21 Unsurveyed Township 1 North, Range 14 East

& Retracement S² line between Secs. 21 and 22. T. 1 N., R. 14 E.

of the

Gila & Salt River Base and Meridian.

State of

State of Arizona

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey L. W. Bohme

Residence Miami, Arizona

H. E. No. , dated , 19

Land Office / Phoenix, Arizona

Survey executed by Thomas F. Myers Superintendent, Road Construction
[Forest Service Title] Forest Service

Under special instructions dated , 19

Survey commenced December 13, , 19 30

Survey completed December 14, , 19 30

Under Acts of March 20, 1922 and May 27, 1930

OATH OF ASSISTANTS

We hereby certify that we assisted Thomas F. Myers Superintendent, Road Construction, Forest Service in surveying all those parts or portions of ~~Homestead Entry~~ ^{[Forest Service Title.] Exchange} Survey No. 657, in the State of Arizona which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

Note: It would have been very expensive and inconvenient to appear before an officer to administer oath to assistants. Hence they were taken by the surveyor.

Ray Painter
Ray Painter

Subscribed and sworn to before me this 14th day of December, 1930.

Thomas F. Myers
Thomas F. Myers

OATH OF SURVEYOR

I, Thomas F. Myers, Superintendent Road Construction, Forest Service ^[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the ~~United States Surveyor General~~ ^[Forest Service Title.] Office of Public, ~~dated~~ surveys, 19 , and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land

~~No.~~ ^{No.} ~~dated~~ ^{dated} , 19 ~~for~~ ^{for} , under the Act of March 20, 1922 and May 27, 1930 the same to be known as ~~Homestead Entry Survey No.~~ ^{Exchange Survey No.} 657 situated within the Crook National Forest, in un surveyed Section 21 , Township 1 N. , Range 14 E. , ~~and surveyed Section~~ ^{and} ~~Township~~ ^{Township} , ~~Range~~ ^{Range} ,

of the Gila & Salt River Base and meridian, Arizona , and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

Thomas F. Myers
Thomas F. Myers

Superintendent, Road Construction, Forest Service. ^[Forest Service Title.]

Subscribed and sworn to before me this twenty second day of December, 1930.

Duncan R. C. Beyer
Duncan R. C. Beyer
Notary Public



MY COMMISSION EXPIRES JUNE 30, 1931

Chains

The tract of land embraced in this survey is occupied and improved by L. W. Bohme, of Miami, Arizona, which it is proposed to grant to said L. W. Bohme in exchange for timber lands desired by the Forest Service.

This survey is designated as Exchange Survey No. 657.

Situated in what will be when surveyed, Section 21, Township 1 N., Range 14 E., Gila and Salt River Base and Meridian Arizona.

Survey commenced December 13, 1930 and executed with a Buff and Buff Transit No. 10019 equipped with Smith Solar attachment.

Before beginning the survey I test all adjustments of the transit and make necessary corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a two hundred link steel tape. The slope angles were determined with a clinometer.

Surveyed under the Acts of March 20, 1922 and May 27, 1930.

December 13, 1930.

My watch is set for 105th standard Meridian time, obtained from master clock at Western Union Telegraph Office at Globe, Arizona.

At my station near corner No. 5 of this survey, hereinafter described in Lat. $33^{\circ}24'47''$ N. Longitude $110^{\circ}55'36''$ W. from Forest Service Base map, at 5 h. 14 m. 50s. p.m. l.m.t. I observe Polaris with telescope direct, reading an angle of $0^{\circ}53'30''$ from reference mark about 34 chains northerly from station to star which is east of mark.

U.C. Polaris December 13, 1930 8 h. 10.4 m. P.M.

Corr. for long. 1.2

l.m.t., U. C. Polaris December 13, 1930 8 h. 09.2 m. p.m.

l.m.t., obsn. Polaris December 13, 1930 5 14.8 m. p.m.

Hour Angle 2 h. 54.4 m. p.m.

Azimuth of Polaris $180^{\circ}53'00''$

Angle from mark to star $-53'30''$

Azimuth of mark. $179^{\circ}59'30''$

Bearing mark N. $0^{\circ}00'30''$ W.

At the same station at 5 h. 18 m. 47" p.m. l.m.t. I again observe Polaris with telescope reversed reading an angle of $0^{\circ}53'30''$ from Star to same reference mark.

l.m.t. U.C. Polaris December 13, 1930 8 h. 09.2 m. p.m.

l.m.t. Obsn. Polaris Dec. 13, 1930 5 h. 18.8 m. p.m.

Hour Angle 2 h. 50.4 m.

Azimuth of Polaris $180^{\circ}52'06''$

Angle from mark to star $-53'30''$

Azimuth of mark $179^{\circ}58'36''$

Bearing mark N $0^{\circ} 01' 24''$ W.

EXCHANGE
HOMESTEAD ENTRY SURVEY NO. 657

CROOK NATIONAL FOREST

2.

STATE OF ARIZONA

Chains

The mean azimuth of reference mark as determined from the two observations is $179^{\circ}59'03''$ or N. $0^{\circ}00'57''$ W. and from which all the courses of this survey were deflected

Retracement

December 13, 1930.

Beginning at the cor. Secs. 21, 22, 27 and 28, T. 1 N., R. 14 E. an iron post 2 ins. in dia. 12 ins. above ground with brass cap marked and witnessed as described by Office of Public Surveys

Thence North.

Along line between Secs. 21 and 22 for flag on $1/4$ cor. bet. Secs. 21 and 22 which is plainly visible.

16.65 Set temporary point for Cor. No. 5 and closing cor. hereinafter described.

26.05 Set temporary point for Cor. No. 1 and closing cor. hereinafter described.

40.09 The $1/4$ Sec. cor. bet. Secs. 21 and 22 an iron post 1 inch in dia. set in mound of stone marked and witnessed as described by the Office of Public Surveys.

December 13, 1930.

Mineral Entry 059700 of L. W. Bohme, embracing the Black Oak, Black Oak No. 2 and Moonlight lodes, Mineral Survey No. 3997 was cancelled (on relinquishment) by The Commissioner's Phoenix 059700 "N" MAS letter of May 3, 1928.

Boundary of Survey

December 14, 1930

Beginning at Cor. No. 1 and closing cor. on line bet. Secs. 21 and 22, T. 1 N., R. 14 E.

Deposit a dacite stone 2x4x4 ins. marked with a cross 14 ins. in the ground, over which set a rhyolite stone 24x16x12 ins. marked + on top for the point, CC on WNW face and 1 ES 657 on SW face; raise mound of stone 3 ft. base 2 ft. high on closing line N. $85^{\circ}51'$ W., 4 ft. dist.

Whence

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains

A garrya tree 6 ins. dia. bears N. 22°25' E. 167 lks.

An emery oak 8 ins. dia. bears S. 67°43' W. 152 lks.

Each marked CC 1 ES 657 + BT

The 1/4 Sec. Cor. bet. Secs. 21 and 22 T. 1 N., R. 14 E. previously described bears North 14.04 chs. dist. by direct measurement.

The cor. Secs. 21, 22, 27, and 28 T. 1 N., R. 14 E. previously described bears South 26.05 chs. dist. by direct measurement.

Cor. No. 1 of Moonlight which is also Cor. No. 2 of Black Oak Lode claim of mineral Survey No. 3997 bears N: 47°00' E. 4.56 ch. dist.

Cor. No. 2 of Moonlight lode claim of Mineral Survey No. 3997 bears N. 19° 00' W. 10.00' ch. dist.

Lat. 33°24'54" N. Long. 110°55'36" W. from Forest Service Base Map

The observed magnetic declination at 8 a.m. is 14°15' E. which gives a mean magnetic declination of 14°14' E.

Thence N. 85°51' W.

Descend over gradual S. slope.

5.05 Begin steep descent 40 ft. over West slope into draw.

5.96 Bottom Draw course South, Ascent 45 ft. over steep easterly slope.

7.89 Top Ascent. Thence over rolling south slope.

16.28 Drift fence bears N. and south.

16.92 Begin steep descent of 30 ft. over W. slope of draw.

18.10 Bottom descent in draw Course South Ascend steep East slope 30 ft. to cor.

19.79 To cor. No. 2.

Deposit a quartzite stone 2x2x3 ins. marked with a + 16 ins. in the ground over which set a rhyolite stone 26x14x12 ins. marked a † on top for the point and 2 ES 657 on SE face; raise mound of stone 3 ft. base 2 ft. high SE of Cor. Whence:

Pinon 11 ins. dia. bears N. 74°40' W.

282 lks. marked 2 ES 657 + BT

A juniper 5 ins. dia. bears S. 2°50' E.

155 lks. marked 2 ES 657 + BT

Thence South

Descend gradually over South slope.

CROOK NATIONAL FOREST

4.

STATE OF ARIZONA TO STATE

Chains

2.26 Begin steep descent.

3.65 Bottom descent in Webster Gulch--dry bed 20 ft. wide, Course E.
Ascend brushy North slope.

7.21 To cor. No. 3.

Deposit a dacite stone 1 $\frac{1}{2}$ x2x3 ins. marked with a + 18 ins. in ground over which set a dacite stone 24x16x14 ins. marked + for the point and 3 ES 657 on NE face; raise mound of stone 3 ft., base 2 ft. high NE of cor. whence,

Emery oak 6 ins. dia. bears S. 83°40' E. 55 lks. marked 3 ES 657+BT

Emery oak 6 ins. dia. bears S. 59°00' W. 83 lks. marked 3 ES 657+BT

Cor. No. 3 Moonlight lode claim of Mineral Survey No. 3997 bears S. 27°00' E. 1.32 ch. dist.

Thence S. 84°54' E.

Along North side of road, through oak brush.

7.72 To cor. No. 4.

Deposit a dacite stone 2x2x3 ins. marked with a cross 16 ins. in the ground over which set a dacite stone 28x16x8 ins. marked + for the point and 4 ES 657 on North face; raise mound of stone 3 ft. base 2 ft. high North of cor. Whence

Emery Oak 6 ins. dia. bears S. 62°20' E. 208 lks. marked 4 ES 657 + BT

Emery Oak 4 ins. dia. bears N. 41°20' W. 41 lks. marked 4 ES 657+BT

Cor. No. 3 of Black Oak which is also Cor. No. 4 of Moonlight lode claim of Mineral Survey No. 3997 bears S. 05°00' W. 7.05 ch. dist.

Thence S. 76°10' E.

Along N. side of road through oak brush and scattering pinon and juniper.

12.40 To cor. No. 5 and closing cor. on line between Secs. 21 and 22.

Deposit a dacite stone 3x4x6 ins. marked with a + 14 ins. in the ground to solid rock over which set a dacite stone 28x14x11^{ins} marked + for the point CC on W NW face and 5 ES 657 on NW face; raise mound of stone 3 ft. base 2 ft. high on closing line N. 76°10' W. of cor.
No witnesses available.

The cor. secs. 21, 22, 27, and 28, T. 1 N., R. 14 E. previously

EXCHANGE
HOMESTEAD ENTRY SURVEY NO. 1657

CROOK NATIONAL FOREST

STATE OF ARIZONA

5.

Chains	<p>described bears South 16.65 chs. dist.</p> <p>The 1/4 cor. bet. secs. 21 and 22 T. 1 N., R. 14 E. previously described bears North 23.44 chs.</p> <hr/> <p>Thence North</p> <p>Across level rocky bottom land.</p> <p>3.35 Webster Gulch, dry wash 20 ft. wide, Course East.</p> <p>3.70 Fence Bears East and West</p> <p>4.15 Fence bears East and West Begin ascent open South slope</p> <p>9.40 To Cor. No. 1 and point of beginning</p> <p style="text-align: right;">December 14, 1930.</p> <hr/> <p style="text-align: center;">AREA</p> <p>Total Area 15.67 Acres</p> <hr/> <p style="text-align: center;">CONFLICTS</p> <p>There are no conflicts except with the canceled claims of M. S. 3997</p> <hr/> <p>Survey completed December 14, 1930</p> <p style="text-align: right;">Thomas F. Myers, Superintendent, Road Construction, Forest Service</p>
--------	--

- DIRECTIONS.—1. Carry out calculation to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures.
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

EXCHANGE
 TABLING AND CALCULATIONS OF ~~HOMESTEAD ENTRY~~ SURVEY NO. 657, STATE OF Arizona

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1 - 2	N. 85°51' W	19.79	1 43 ⁴⁵			19 74 ⁷⁵	19 73	28 61	
2 - 3	South	7.21		7 21					
3 - 4	S. 84°54' E	7.72		69	7 69		7 69		5 31
4 - 5	S. 76°10' E	12.40		2 96 ⁹⁵	12 04		27 42		80 89
5 - 1	North	9.40	9 40				39 46	370 92	
		56.52	10 83	10 86	19 73	19 74		399 53	86 20
				10 83		19 73		86 20	
				03		01		20) 313 33	
								15 67 Acres	5
Closing Error 1/1787									

137

APPROVAL

PUBLIC SURVEY OFFICE

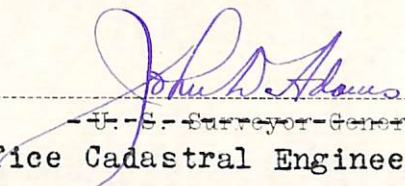
~~Office of the United States Surveyor General,~~

Phoenix, Arizona, Feb. 9, 1931, 1931

The foregoing field notes of ~~Homestead Entry Survey No.~~

EXCHANGE SURVEY NO. 657

executed by Thomas F. Myers, Supt. Road Construction, ^[Forest Service Title]
under his special instructions, dated Jan. 3, 1931, 1931, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.


~~U. S. Surveyor General.~~
Office Cadastral Engineer.

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of Arizona. has been
correctly copied from the original notes on file in this office.

John D. Adams
~~U. S. Surveyor General.~~
Office Cadastral Engineer.
~~U. S. Surveyor General.~~

THE BOARD OF DIRECTORS OF THE
 FEDERAL BUREAU OF INVESTIGATION
 WASHINGTON, D. C. 20535
 MEMORANDUM FOR THE DIRECTOR
 SUBJECT: [Illegible]

[Illegible text block containing several paragraphs of a memorandum report.]

[Illegible text block, likely containing a signature and date.]