U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

141.26.1976 014.10.1976

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 233

SITUATED IN THE

APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 7 , un surveyed, Township 2 S. , Range 32 E. Section 18 , unsurveyed, Township 2 S. , Range 32 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA.

Survey executed by Lee C. Daves, Surveyor-Forest Serv	rice
Under special instructions dated August 6	19.14
Survey commenced January 4	19.15
Survey completed January 5	19.15
Under Acts of June 11, 1906 and June 30, 1914.	
Applicant for listing N. B. Coalson,	
Residence Alma, New Mexico.	
Application No. 152 , dated July 28 ,	1911
List No. 3-1552 , dated November 2 ,	1911
Applicant for survey N. B. Coalson.	
Residence Alma, New Mexico.	N.T.
H. E. No, dated	
Land district Phoenix, Arizona.	
	3-2349

OATH OF ASSISTANTS	
We hereby certify that we assisted Lee C. Daves Surveyor - Forest Service in surveying all those parts or portions of Homestead Entry Survey No. 233 , in	
un surveyed Sections 7 & 18 Township 2 S., Range 32 E., surveyed Section, Township, Range,	
of the G. & S.R.B. & meridian, State of Arizona, which are represented in the following field notes as having been surveyed by him and under his direction; and that said sur-	
vey 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 fur-	
nished by the United States Surveyor General for Arizona.	
Note: It would have been umnummer	Chainman
very expensive and inconvenient to appear before an officer to administer oaths to Assistants; hence, they	Chainman
were taken by the Surveyor.	
Subscribed and sworn to before me this 6th. day of	
February, 1915. Luchans	
Surveyor - Forest Service.	
OATH OF SURVEYOR	
Service I, Lee C. Daves, Surveyor - Forest , do solemnly swear	
that, in strict conformity with the special instructions of the United States Surveyor General for Arizona dated August 6, 19 14, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, sur-	1
veyed a tract of land upon the application of embraced in	
Patent , under the Act of June 11 , 1906, the same to be known as Homestead Entry Survey No. 233 situated within the Apache National Forest, in	
unsurveyed Sections 7&18, Township 2 S., Range 32 E., and surveyed Section, Township, Range	1
of the G. & S.R.B. & meridian, Arizona , and the	9
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	S
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.	
88 VIII Juldans	
Surveyor - Forest Serv	rice.
Subscribed and sworn to before me this 13th day of February, 1915.	Í
REFERENCE M. S. Cascon	_
SEAL. Matary Tu	blic
My Commission Expires Jan. 24,	1916

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, N. B. Coalson; Application No. 152, dated July 28, 1911; List No. 3-1552, dated November 2, 1911.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 6, 1914, and designated as Homestead Entry Survey No. 233.

Situated in what will probably be, when surveyed, secs.

7 and 18, T. 2 S., R. 32 E., Gila and Salt River Base
and Meridian, Apache National Forest, Arizona.

Surveyed under Acts of June 11, 1906 and June 30, 1914.

Buff and Buff Transit No. 9702, with Smith solar attachment.

Preliminary to beginning the survey, I examine the adjustments of the transit and make the necessary corrections.

· No stadia used. · V should de de de la company de la com

Horizontal measurements made with a 500 link steel tape directly on the slopes which were determined by clinometers and the measurements reduced to the horizontal.

January 4, 1915. " Land To all to Bear of

At cor. No. 1 of this claim, identical with cor. No. 1 of list survey, Lat. 33° 15'.7, Long. 109° 05' W., at 12h. 35m. a.m., 1.m.t., I observe Polaris at Western Elongation and mark the direction thus determined by a tack in a hub firmly set in the ground 4 chs. Northwardly of my station.

January. 4. 1915.

At 7:30 a.m., I turn off the azimuth of Polaris 1° 22'

APACHE NATIONAL FOREST STATE OF ARIZONA

Chains

a tack in a stake firmly set in the ground East of the point established last night.

At 8h. 00m. a.m., local apparent time, I set off 33° 16'
on the lat. arc, 22° 45' South on decl. arc, and determine a meridian with the solar at cor. No. 1 of this
survey, which agrees with the meridian previously established by Polaris observation within about one-half
minute of arc.

There being no Public Land corner within two miles of
this claim, I establish the U. S. Land Monument No.
233 H. E. S. on the summit of a low peak on the East
side of Coalson Canyon as follows: . Set a granite
stone 30 x 24 x 10 ins., 8 ins. in the ground on solid
rock, marked U S L M 233 H E S on S. face and + on top;
and raise a mound of stones 6 ft. base and 4 ft. high
N. of monument. From this U. S. L. M. No. 233 H. E. S.
The N. edge of Flat Top Mt. bears S. 64° 44' E.,

The summit of Sun Set Peak bears S. 42° 32' W., about 12 miles distant.

No trees or other bearings available. Pits

about 3 miles distant.

stone 12 x 12 x 12 ins. set in a mound of stones and marked and witnessed as described by the Forest Service. I destroy all trace of this corner and in its place set a granite stone 26 x 8. x 6 ips., 8 ins. in

of sirefold to dimmine end The arest P s OG: ? Ja

APACHE NATIONAL FOREST

STATE OF ANIZONA.

Chains

the ground on solid rock in a mound of stones marked 1-HES233 on NW. face and + on top from which:

No bearings available. Pits impracticable.

U. S. L. M. No. 233 H. E. S. bears N. 50° 28' W. . burrow a tor 9.71 chs. dist. bas oldesiyeers

The N. edge of Flat Top Mt. bears S. 65° 06' E. about 3 miles distant.

The summit of Sun Set Mt. bears S. 43°00' W. about 12 miles distant.

At 8 a. m. at cor. No. 1 of this survey the magnetic variation is 13° 45' E. which gives the mean mag. var. no + bus as 13° 44' E. SERMI-S besteen seners to broom s

> Lat. 33° 15'.7 by obsn. Long. 109° 05' W. from special instructions from the Surveyor General.

Thence West. areed .meib ni .ami Ol rabed

53 1ks.

Asc. along SE. slope. H S bedrem . Jain

Trail bears N. and SW. 1.70

Top asc. 20 ft. above cor. No. 1, ridge bears N. and S. 7.00 desc. abruptly into Coalson Canon. Enter dense oak brush on W. slope.

29.00 Bottom desc. 520 ft. below top ascent. Coalson Creek running water 7 lks. wide course S. This line crosses canyon just South of where a small canyon comes in from N. 10° E. Begin Asc. of rocky East slope.

40.00 To cor. No. 2.

> Identical with cor. No. 4 of list survey which is a malpais stone 12 x 8 x 5 ins. set in a mound of stones marked and witnessed as described by the Forest Service. I destroy all trace of list cor. and in its place set a granite stone 30 x 26 x 20 ins. on solid rock in a mound of stones marked 2-HES233 on NE. face

> > 400 lks. M. of a low saddle. Desc.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

and + on top, from which:

The U. S. L. M. No. 233 H. E. S. bears N. 79° 14'

eldsoits E. about 33 chs. dist.

. No trees or other bearings available, pits impracticable and slope too steep for a mound.

. This cor. is 400 ft. above bottom of Coalson Canon.

. Thence North and . M Jos much to timmue and

Desc. 350 ft. along E. slope through dense oak brush.

about 8 miles distant.

40.00 To cor. No. 3 se sidt to 1 .ol . ros ts .m . s 8 th

Set a granite stone 26 x 14 x 12 ins. on solid rock in a mound of stones marked 3-HES233 on SE. face and + on top from which:

Gambel oak 6 ins. in diam. bears S. 78° 30' E.

9 lks. dist. marked 3 H E S 233 B T.

Cedar 10 ins. in diam. bears N. 61° 00' W. 33 lks. dist. marked 3 H E S 233 B T.

brush on W. slope.

After diligent search no signs of old cor. are

.2 bus .1 21890 .1 .01 .100 evods .11 03 .028 got 00.1

This cor. is 20 ft. above bed of Coalson Canon.

January 4, 1915.

At this cor. above described, I set off 22° 46' S. on decl arc, and at local apparent noon obs. the sun on the meridian, the resulting latitude is 33° 16' N.

ties of .ou . 100 fit is isoit

Thence East.

Desc. 20 ft. into Coalson Canon, through dense oak brush and scattering trees.

1.50 Bottom in Coalson Creek (dry) 60 lks. wide, course S. 10° no .sni 03 x 33 x 03 enots eliments 2 jeu ecolog E. asc.

12.00 Top asc. 200 ft. above Creek on low ridge N. and S.,
400 lks. N. of a low saddle. Desc.

Form 85.

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HOMESTEAD ENTRY SURVEY NO. 233

APACHE NATIONAL FOREST

STATE OF ARIZONA. TTATE

Chains	
. 34.50	Top asc. 600 ft. above Coalson Creek. Trail along ridge
	bears N. and S. desc. leaving brush on W. slope.
40.00	To cor. No. 4. st wrem sid! . eroled bess exacts
these	Set a granite stone 26 x 20 x 16 ins. on solid rock in
an the	a mound of stones marked 4-HES233 on SW. face and +
ne	on top and raise mound of stone 4 ft. base 2 1/2 ft.
	high SW. of cor. from which:
274 - 12 and 12 and 13 and 13	Juniper 14 ins. in diam. bears S. 51° 15' W. 85
	lks. dist. marked 4 H E S 233 B T.
of g	No other trees or bearings available and pits im-
	practicable. It to talance tasmisle ent
.E.	After diligent search no signs of list cor. are found.
đượ	and W. by 9 ft. E. and S. The WW. cor. of this
tos	Thence South for a flag on cor. No. 1 which is plainly
	visiblevevrue sidi
00.88	Desc. 70 ft. along E. slope.
23.00	Bottom desc. Drain course SE. asc. along E. slope.
36.00	Top 50 ft. asc. thence along side hill.
40.00	To cor. No. 1, the point of beginning.
10,	ereav A seert elors o and deser a to bradero de
	. sau AREA. ch . sal OdS thods . a
00.00.	Total Area
	January 4, 1915 MOITHIADSHI
Camon	At cor. No. 1 of this survey at 6 h. 35 m. p.m.,
fo	al.m.t. I observe Polaris at upper culmination for lat-
0.5	itude with the telescope direct and reversed, the mean
	vertical angle is 34° 25'.4 which gives the latitude
0.1	Logrosiastely 3 acres are in cultivative 16.088 ou
modifice	ould be onlighed. The gold slong the great

January 5, 1915.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

At cor. No. 1 above mentioned at 12 h. 31 m. a.m.,

1.m.t. I again observe Polaris for azimuth at W. Elong.

and mark the direction thus determined on the same

stake used before. This mark falls 0.25 ins. E. of

the tack previously set. The difference between these

two determinations of the meridian being less than the

probable errors of the observations I conclude the

meridian satisfactorily established.

.T & SSS & TIMPROVEMENTS. . SALE

The improvements made upon this claim and belonging to the claimant consist of the following:

A one room hut, part stone and part dug-out, 12 ft. E.

and W. by 9 ft. N. and S. The NW. cor. of this hut

bears S. 33°.00' E. 8.57 chs. dist. from cor. No. 3 of
this survey.

Value- - - - - - - - - \$ 25.00

A corral 60 ft. in diam., the center of which bears S.

45°00' E. 6.80 chs.

. nimi Value- - - - - - - - - - - - - 50.00

An orchard of 6 peach and 6 apple trees, 4 years old, S. about 250 lks. from house.

. sers 001- -- - - - Value- -- - - - - - - - - - - - - \$100.00

DESCRIPTION. . dief , A graunat

This claim is situated in what is known as Coalson Canon which heads on the S. slope of the Southern one of Bullard Peaks and runs S. into the San Francisco

Bullard Peaks and runs S. into the San Francisco

Bullard Peaks and runs S. of this claim.

Approximately 3 acres are in cultivation and about 10 could be cultivated. The soil along the creek bottom

TARACHE NATIONAL FOREST

STATE OF ARIZONA. HTATE

Chains

is from 4 to 6 ft. deep and fairly good. On the slopes there is little or no soil. Most of the claim is covered with good grass, and dense oak brush and there are a few walnut trees along the creek.

There are two springs on the claim, one 100 lks. W. of the house, the other about 10 chs. E.

There are no indications of mineral upon this claim.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

	160.00	40.00	40.00	40.00	40.00	
West	40.00				40.00	
South	40.00		40.00			
East	40.00			40.00		
North	40.00	40.00				
Course.	Dist.	N.	s.	E.	W.	
TRAVERSE.						

Error in Lat. and Dep. 0.

Closing error 0.

Survey completed January 5, 1915.

Surveyor-Horest Service

3-2349

Form 85. Sheet No. 2.

TERROT LAWOL NATIONAL FOREST

STATE OF ARISOTO-STATE

Chains	is from 4 to 6 ft. deep and isirly good. On the
clain	slopes there is little or no soil. Most of the
and	is covered with good grass, and dense oak brush
	there are a few walnut trees along the creek.
to .	There are two springs on the claim, one 100 lks.
	the house, the other about 10 chs. E.
.m.	There are no indications of mineral upon this clas
	CONFLICTS AND ADJOINING CLAIME.
	There are no conflicts or adjoining claims.
	TRAVERSE.
•W	Course. Dist. N. S. E.
	North 40.00 40.00
	Mast 40.00 40.00
	South 40.00 40.00
00.	West 40.00
00.	160.00 40.00 40.00 40.00 40
	Error in Lat. and Dep. 0.
	Closing error O.
	Survey completed January 5, 1915.
	and and a second se
vice.	Surveyor-Forest Ser

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

2. In balancing Latitudes and Departures do not obliterate or change the footing of the original figures, but put below them the corrected figure or figures above in red ink. Do not change the footing of the lines.

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.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner. Acres N. AREAS. 160.00 一一一 STATE OF ARIZONA. DOUBLE M. D. 00 WEST. 40 DEPARTURES. TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 232. 00 EAST. 40 00 SOUTH. 8 LATITUDES. 40 00 NORTH. 40.00 40.00 40.00 40.00 DISTANCE. BEARING. North, South West. East. Form 85. Sheet No. 3.—Revised Feb., 1915. CORNERS. 8-2349

M. B. COALSON. S. AREAS. 48 180.00 VCX 53.

PUECE AO. 3.—Bodged Bell" Isl

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 12., 1916.

Phoenix, Arizona, June 12., 1916.
The foregoing field notes of Homestead Entry Survey No.
233
<u> </u>
executed by Walter G. Turley, Surveyor - Forest Service
under his special instructions, dated August 6. , 1914,
having been critically examined, and the necessary correc-
tions and explanations made, the said field notes, and the
surveys they describe, are hereby approved.
Strank (D. Strott
U. S. Surveyor General.
I certify that the foregoing transcript of the field
notes of the above-described survey in Arizona,
has been correctly copied from the original notes on file in
this office.
Frank P. Trott,
8-2349 U. S. Surveyor General.