U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

JAN 21.7915

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 94
SITUATED IN THE

COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 27, --surveyed, Township 18 N, Range 6 E.

Section 28, --surveyed, Township 18 N, Range 6 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by W. H. Finigan, Forest Service Surveyor

Under special instructions dated September 29 , 1913

Survey commenced October 26 , 1913

Survey completed October 30 , 1913

Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing John J. Thompson,

Residence Sedona, Arizona.

Application No. 403 , dated February 12 , 1913

List No. 3-2425 , dated March 26 , 1913

Applicant for survey John J. Thompson

Residence Sedona, Arizona.

H. E. No. 023815 , dated November 24, 1913

Land district Phoenix, Arizona.

OATH OF ASSISTANTS

We hereby certify that we assisted W. H. Finigan. Forest Service Surveyor in surveying all those parts or portions of Homestead Entry Survey No. 94 , in surveyed Section 27 , Township 18 N. , Range 6 E. , surveyed Section 28 , Township 18 N. , Range 6 E. , and 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 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 Arizona.
MA Power
DAB Fair
- Company of the first of the f
Townsend in the Control of the Board of the
Subscribed and sworn to before me this 28th day of
may , 1914. Chas H. allams
My Commission expires Aug. 12, 1916 NOTARY PUBLIC
COUNTY TO SELECT TRESCRIPTION OF THE BLICK STATE OF
OATH OF SURVEYOR
I, W. H. Finigan, Forest Service Survey, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated September 29 1913., and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land upon the application of embraced in List, No 3-2425, dated March 26, 1913, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 94, situated within the COCONINO National Forest, in surveyed Section 27, Township 18 N., Range 6 E., and surveyed Section 28, Township 18 N., Range 6 E., and surveyed Section 28, Township 18 N., Range 6 E., 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.
W.H. Fruigan
Forest Service Surveyor.
Subscribed and sworn to before me this 26 day of
May , 19/H.
Elsie C Muyero Notary Publis
SEAL.

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Chains John J. Thompson applicant. Application No. 403, dated February 12, 1913: List No. 3-2425, dated March 26; 1913. Phoenix Serial No. 023815; dated November 24, 1913. 108 9098 . doe cia 103 938 Surveyed under special instructions from the Surveyor General for Arizona, dated September 29, 1913, and designated as Homestead Entry Survey No. 94. This survey is based on listing under the Act of June 11, 1906 and authorized by the Acts of June 11, 1906 and .a Jan mach 4, 1913. ent edam bas taemiostta rafoe This survey is located in Sections 27 and 28, surveyed T. 18 N., R. 6 E. of the Gila and Salt River Base and Meridian in the Coconino National Forest, Arizona. .sai This survey was executed with a W. and L. E. Gurley light mountain transit equipped with a Burt solar attachment. is in sight. Set coints on this The distances were measured with a 200 link steel tape directly on the slope and the slope angles determined with a clinometer. General and to bedie ·N *08 The courses of this survey were defelcted from the true meridian as determined by solar observation. October 28, 1913, at 2 h. 0 m. p.m., 1.m.t., I observe the sun for azimuth at cor. No. 5 as follows: Angle rt. Ref. Obs. alt. Position Position Pt. to Sun Sun Telescope noid 20285 5410 dd. . . 300 351 . 2 0000 1 : 181900 Direct al al 285º 401 bas 78 .80300.551 . 100 .40 A TO Reversed. Lat. 34° 56' 30" as determined by Burt solar.

Long. 111° 44' 03" W., from special instrs. of Sur. Gen.

The bearing of reference point is; therefore, N. 63° 21'

a malpais stone 18 x 12 x 10 ins. above ground,

ik. W. of cor. of secs. 21, 22, 27 and 25W which is

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ARIZONA

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the sun for azimuth at cor. No. 5 as follows:

Angle rt. Ref. Obs. alt. Position Position Telescope
290° 50' 26° 20' * Direct.

291° 201 26° 321 Februs Seversed

Lat. 34° 56' 30" as determined by Burt solar.

Therefore, bearing to reference point is N. 63° 19' W.

Average of two observations is N. 63° 20' W.

On the meridian established as above I test the Burt solar attachment and make the necessary adjustments.

October 26, 1913. if you at Sorsoil at you wa sint

Thompson, which is a malpais stone 18 x 14 x 8 ins.

above ground, marked and witnessed as described by

Surveyor General; thence S. 88° 46° W. 19.60 chs. to

NW. cor. provate land claim of J. J. Thompson, which

is in sight. Set points on this line for future reference. NW. cor. provate land claim of J. J. Thompson

is a malpais stone 17 x 12 x 5 ins., marked as described by the Surveyor General.

Lat. at 12 M. at cor. No. 6 by Burt solar 34° 56° 30" N.

October 27, 1913.

Beginning at the W. C. for 1/4 sec. cor. of secs. 27 and 28, which is a malpais stone 12 x 10 x 6 ins. above ground, marked and witnessed as described by Surveyor General; thence N. 0° Ol' W., 4.55 chs. to position for 1/4 sec. cor. bet. secs. 27 and 28, which is in bottom of narrow gulch; thence N. 0° Ol' W. on a random line bet. secs. 27 and 28 and at 39.80 chs. fall 1 lk. W. of cor. of secs. 21, 22, 27 and 28, which is a malpais stone 18 x 12 x 10 ins. above ground, marked

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COCONINO INATIONAL FORESTODO

ARIZONA AMORISA

Chains and witnessed as described by Surveyor General. Therefore, true line is South 39.80 chs. Return on true
line and set temporary points for future reference.

Cloudy at noon. No lat. observation possible.

october 28. 1913. -S one thiog toaks toi got no +

3-1/2

Beginning at cor. No. 1 and C C on line beta secs. 27 and 28 w : misio hiddiw . det . d. 3/1-5 , dgid

A malpais stone 24 x 8 x 6 ins. set 14 ins. in ground, over stone marked +, chiseled CC on SE. face, 3 grooves on E. face and 1-HES94 on NE. face facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. S. 48° 25° E. from cor., whence

- + BRIHES 94 C C chiseled on face of malpais

 boulder showing 3 x 5 x 4 ft. above ground, bears

 N. 62° 24° E. 35.5 lks.
 - + BR 1 HES 94 C C chiseled on face of malpais boulder showing 3 x 5 x 4 ft. above ground, bears S. 9° 39' W. 17.5 lks.

No other bearings available, pits impracticable.

By Position for 1/4 sec. cor. bet. secs. 27 and 28 secs. 27 and 28 secs. 28 and bears South 11.25 chs. drive legitness.

-sending bears Cor. Secs. 21. 22, 27 and 28, heretofore described

Mag. Va. at 9 a.m., 14° 27' E. Mean Mag. Va. 14° 29' E.

Long. 111° 44' 20" W. in accordance with instructions

of the Surveyor General.

Thence N. 48° 25° W. ort . W 13A 283 . 2 . 121D . 11

Along W. side canyon through exceedingly heavy brush,

ascending. 21 3.33 . W 178 283 . M 278 29

13.00 Top of ascent, 200 ft. above bottom of creek, bears NE. and SW. descend very brushy S. side of gulch.

14.72 To cor. No. 2.3ve stocked animaed rendo old On S. side gulch, bears NE. and SW. 150 ft. above

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	Chains	Chains and witnessed as described by curvey.
	true	Identical with cor. No. 6 of list, which is a malpais
	.00	stone in place, showing 16 x 25 x 12 ins. above ground,
		marked and witnessed as described in field notes of
		listing survey. Destroy marks and chisel same rock
		+ on top for exact point and 2-HES94 on side facing
	72	· claim; draise mound of stone 2 ft. base, 1-1/2 ft.
		high, 3-1/2 ft. dist. within claim; whence
	'gunous	ni . and pine 26 ins. in dia. scribed 2 H E S 94 B T,
	SECOORS	bears N. 43.00 W. 47.5 lks. enote tevo
	ealse;	misso A juniper 6 ins. in dia., scribed 2 H E's 94 B T,
	.71	\1-8 , delbears S. 1840.20 w: 123.50 lks. to bauom
		S. 48° 25' H. from cor., whence
	nelpeis	Thence N. 650 43 Fig. 0 0 Ne a H I H H +
87	und, bea	Descending along S. side of gulch through heavy brush
	7 () one () ()	and timberamf 8.85 .M 'AS '85 .M
	9.25 Far	Oak Creek, 115 lks. wide, course SE.
		Over level bottom through timber lood
	11.50	Road, bears NW. and SE. 198 98 .2 aread
	.oldeo.	Ascend through brush. againsed reaso on
	12.01bm	To cor. No: 3 and C con line bet. secs. 27 and 28.
		Identical with cor. No: 7 of list, which is a malpais
1	eseribe	stone 8 x 16 x 12 ins. above ground marked and witness-
		ed as described by field notes of listing survey. Des-
	.E '8S	troy same and set a malpais stone 24 x 14 x 8 ins. 14
	aroid	ins. in ground, over stone marked +, chiseled C C on
		SW. face, 3 grooves on E. face and 3-HES94 on S. face;
		raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2
		ft. dist. S. 63° 43° W. from cor. whence, energy
	rush,	An oak 20 ins. in dia., scribed 3 HES 94 C C B T,
		bears N. 33° 37° W. 23.5 1ks. 3nibneses
	e Mg.	An oak 10 ins. in dia., scribed 3 H E S 94 C C B T,
		.dolug bears N. 58 24 E. 14 1ks asb . 18 bas
		No other bearing objects available, pits imprac-
	9	vods .11 031 . WE sma NE. and SW. 150 ft. abov

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	Chains	Ohains , BRAFES 94, chiscleslasting of malga
		. Cor. secs. 21, 22, 27 and 28, heretofore described.
		bears North 13.77 chs. Dawors
	0 NE 7	Position for 1/4 sec. cor. bet. secs. 27 and 28
		bears South 26.03 chs
	V4.	October 29, 1913
		Thence S. 34° 50! E. rd wind yllauberg amidnessed
		Descending thru.brush and small timber m bassed 00.8
	1.30	Road, bears NW. and SE., thence over level ground thru
	0.6	cotimber. Buel essvire to .xoo . El driw feetinebl
	7.50	Road, bears NW. and SE. of . of . too bis nosquoid
	10.40	Ascend along E. side canyon. He-3 ense ent lesino
	15.25 m.	Top of ascent, 50 ft. high, bears NE. and SW., descend.
	16.25	Foot descent in rocky gulch, course SW., ascend SE. side
	M BT,	gulch. Sediros sin ni .ani 8 , xso ma
	17.25	Ascend along E. slope canyon Brasd
	22.50	Descend to gulch, course SW. i
	23.74	Foot descent, in gulch, course SW., over level bottom of
		gulch, 3.30 chs. wide, 50 ft. deep.
	27.05	Ascend out of gulch T '34 988 .8 someth
	33.25	Top ascent, 100 ft. high, leave timber, thence over
		sloping mesa, descending gradually. basi etav
	45.20 .	1.90 Descend steep bank, 80 ft. high; thm.4 s.oN 1. ros cor.
		Identical with cor. No. 8 of list, which is a malpais.
		stone 16 x.8 x 4 ins. above ground, marked and witnessed
		as described by field notes of listing survey. Destroy
	BIHOTE	same and set a malpais stone 24 x 6 x 6 ins., 4 ins.
	gnio	in ground on selide rock in, mound of stone, chiseled
	de inteb.	4-HES94 on side facing claim; raise mound of stone
		2 ft. base, 1-1/2:ft. high, 3-1/2 ft. dist. within
	A B T.	claim; whences sib mi . and Al also mi
		+ BR4 H.ES 94 chiseled on face of malpais
	.0	be a boulder in place showing 12 x 24 x 18 ins. above
		ground bears.S. 62° 40'.E. 16 1ks.
	THE RESERVE OF THE PARTY OF THE	

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+ BR4 HES 94, chiseled on top of malpais Chains bedianel erosote boulder in place, showing 1 x 5 x 5 ft. above ground bears S. 23° 17' W. 77 1ks. Lat. at 11 h. 30m. 50. s. a.m., 1.m.t. by Burt Solar 34° 56' 30" N. .ano 80.68 atro2 street October 29, 1913. Thence S. 43° 51' W. Descending gradually thru brush of the some all 3.60 Descend more abruptly thru brush. 1.50 Rosd, bears NM. and Ss., thence over . 6.00 To cor. Identical with NE. cor. of private land claim of J.J. Thompson and Cor. No. 1 of list, heretofore described. Chisel the same 5-HES94 on N. face; raise mound of stone . base, 1-1/2 ft. high, 3-1/2 ft. dist. within enia . claim, whence, armoo . defen y woon ni theseen foot 68.8f An oak, 6 ins. in dia., scribed 5 H E S 94 B T. bears S. 199 450 W. 45 lks. mole breezed 38.VI An oak, 12 ins. in dia., scribed 5 H E S 94 B T. to modified level rebears S. 239 37' E. 127 1ks messes doon 47.83 gulen, 5.30 chs. wide, 50 ft. deep. Thence S. 88° 46' W. recent out of gulen. Descending gradually thru brush along N. bdy. of private land claim of J.J. Thompson. , seem shire is Descend steep bank, 30 ft. high; thru small timber. 1.90 2.90 Foot bank, thence over level bottom thru timber. 5.50 Oak Creek, 70 lks. wide, course South. 11.66ger To. cor. No. n6.ail to seton bleit vd bedirose as A malpais stone 24 x 10 x 6 ins. set 14 ins. in ground over stone marked +, chiseled 6-HES94 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high. 3-1/2 ft. dist. within claim; whence, d. . 3 An oak 14 ins. in dia., scribed 6; HES 94 BT. electer bears S. 339 01 E. 50 1ks. 4 9 8 + evode and al an oak 12 ins. dia. scribed 6 H E S 94 B T. . an bears . N. '5100 50' . E. a9301ks. uora

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Chains Cor. No. 2 of list, which is a malpais boulder in place showing 2 x 4 x 5 ft. above ground, marked and witnessed as described in field notes of . listing survey, bears N. 7° 50' E. 45 1ks. Destroy same is so nidily . talk . th S/I-5

54° 57' N.

n osk 22 ins. in cia., scribed 8 H J S 94 B T.

October 30, .1913.8 .. 8 10 001 .2 annot

Thence N. 79 50' E. sib ni . Sni Of also ma

Over rolling ground thru heavy oak timber.

S.09 m To cor. Snot 7. m. 1. m. 46 s. a. 46 s. m. 1. m. t. T. cor or we en.

On edge of irrigation ditch.

Identical with cor. No. 3 of list, which is a malpais boulder in place, showing 2 x 3 x 3 ft. above ground. marked and witnessed as described in field notes of listing survey. Destroy marks and chisel same boulder + on top for exact point and 7-HES94 on side facing . claim: raise mound of stone 2 ft. base, 1-1/2 ft. high. 3-1/2 ft. dist. west of cor. (proper position for mound of stone falls in irrigation ditch), whence An oak 10 ins. dia. scribed 7 H E S 94 B T, bears , and Al . and S. 490 18' E. 46 1ks. Them a dea but emaa

An oak 12 ins. in dia., scribed 7 H E S 94 B T. , so de la bears N. 14º 03º E. 16 lks. shipel shis

Thence N. 27º 53 W. ni . ani dd Taginn;

Over rocky bottom thru small timber along East side TE 4 irrigation ditch. al ai . ani a , deo m

1-1/2 ft. high, 5-1/2 ft. dist. within claim, whence

- 1.00 Leave irrigation ditch. 34 38 . 3 arsed
- 3.60 Road bears NW. and SE.
- Oak Creek, 1.00 ch. wide, course SE. 84 . M eched 7.50
- 9.75 Road, bears N. and S. Ascend bank, 10 ft. high, thence over level bottom, of 10 seeks of .1 .01 .100 of 81.8
- 10.39 To cor. No. 8.

Identical with cor. No. 4 of list, which is a malpais rock in place showing 12 x 20 x 17 ins. above ground,

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Chains

marked and witnessed as described in field notes of listing survey. Destroy marks and chisel same rock + on top for exact point and 8-HES94 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high. 3-1/2 ft. dist. within claim; whence

> An oak 22 ins. in dia., scribed 8 H E S 94 B T. bears S. 10° 0' E., 21 1kg. 08 vedote0

An oak 10 ins. in dia, scribed 8 H E S 94 B T. bears N. 72° 15' E 33 1ks. if for revo

Lat. at 11 h. 43 m. 46 s. a.m., 1.m.t. by Burt solar 90.8 34° 571 N. On edge of irrigation ditch.

Thence N. 25° 41' We S galword , soeld at rebluod

Over bottom thru brush and small timber.

5.45 Oak Creek, 110 lks. wide, course S.

7.80 Ascend steep bank, 30 ft. high, thence over level ground.

8.44 To cor. No. 9. . It & enote to baron ester ; misle

Identical with cor. No. 5 of list, which is a malpais stone 6 x 10 x 6 ins. above ground, marked and witnessed as described in field notes of listing survey. Destroy same and set a malpais stone 24 x 10 x 6 ins. 14 ins, in ground, over stone marked +, chiseled 9-HES94 on side facing claim; raise mound of stone 2 ft. base. 1-1/2 ft. high, 3-1/2 ft. dist. within claim. whence

A juniper 36 ins. in dia. scribed 9 H E S 94 B T. ebis the bears N. 35° 551 E. 24 lks. por revo

> An oak, 6 ins. in dia. scribed 9 H E S 94 B T. bears S. 26° 45' E. 37 lks. pint eveel 00.1

Thence N. 48° 25' W. roo , abiw . do CO. I , Mears 180 Od. V Along W. slope of canyon thru exceedingly heavy brush.

3.18

Edenticel with cor. No. 4 of list, which is a malpais rock in place showing 12 x 20 x 1V ins. above ground.

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ARIZONA

Chains	Chains Letitudes, Departures and Closing Errors.
	Area in sec. 27 T. 18 N., R. 6 E 38.68 acres.
9711	Area in Sec. 28 T. 18 N., R. 6 E 8.10 acres.
10.11	Total Area H. E. S. No. 94
TO.EL	Timprovements
30. or	The improvements made upon or for the benefit of this
	claim consist of about 700 ft. of irrigation ditch
	thru rocky soil, about 150 ft. of which is on the
910	claim. value
	3-3 North 74.88 14.78 37.10 25.82
4.16	Description 113 84 .2 3-4
11.66	This claim lies in the bottom of Oak Creek canyon and is
8.66	very rocky, although land adjoining the creek is level
88.88 80.08	bottom land. 11.8 81.8 .W '82 '84 .W 1-8
	The claim is heavily covered with brush and small timber
	but there is no commercial timber.
	Water is supplied by Oak Creek, which is diverted and
	affords sufficient water to irrigate all the land that
ure W	can be put under cultivation.
	Claimant has no ground under cultivation on this claim.
4.16	No evidence of mineralization observed or known.
4.86	Adjoining Claims.
13.59	Patented claim of claimant herein adjoins this survey
EL. 48.	on the South. No other claims known.
	Sedona, a small settlement on Oak Creek, is about 4 miles
90 0	southerly and is reached by wagon road.
10 0	Flagstaff is about 50 miles distant by wagon road.
	Sedona post office is located at the ranch house of
	claimant herein, which is located on his patented land
	Survey completed October 30,1913
. 10	Noreat Service Sarvey

HOMESTEAD ENTRY SURVEY NO. 94.

COCONINO NATIONAL FOREST

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	Chains	Latitudes, Departures and Closing Errors.	Ohair
	.gers	s 83.86 Traverse in Sec. 28	
		Sta. Course Dist. Latitude Departure	3
		a on on a No on a St T age forton	
	3 63 67 34 6	1-2 · N. 48 • 25 · W. 14.72 · 9.77 · H 30 · A 18 · O 1 1 2-3 N. 65 • 43 · E. 12.01 4.94 10.95 3-1 South 14.78 14.78	1.01
		3-1 South 14.78 14.78 10.95 11	.01
		14.71	
	this	Closing error 1.450	•00
	dos	Closing error 1:450 or troops to talance misle	
and	THE RESERVE OF THE PARTY OF THE	t no si nothe to the collaboration of the transfer of the tran	
50000000 00000000000000000000000000000	00	Sta. Course Dist. Latitude Departure	W
-		1-3 North 14.78 14.78	
		3-4 S. 34° 50' E. 45.20 37.10 25.82	170
	and is	E C 0 000 1C1 W 77 CC	4.16
		7-8 N. 27° 53' W. 10.39 9.18	4.86
	e level.	8-9 N. 25° 41' W. 8.44 7.61	3.66
		107.74 41.69 41.68 26.92	26.72
	timber	flams has daurd driw benevo 41.68 of all 26.72	
		Error in Lat. and Dep. Isio To mos on ai event dud .20	
	5 as	Closing error 1:538	
		of the stationary Entire Claim a shorte	
		Sta. Course Dist. Latitude Departure	20.00
	whofe	A 5 E	W
	.misIs	3-4 S. 34° 50' E. 45.20 37.10 25.82	
		4-5 S. 43° 51' W. 6.00 4.33	4.16
		6-7 N. 7° 50' E. 8.09 8.01 1.10	1.66
		7-8 N. 27° 53' W. 10.39 9.18 8-9 N. 25° 41' W. 8.44 7.61	4.86
	rvey	9-2 N. 48° 25' W. 17.90 11.88	.3.39
The same of the sa		- award swings radio ou 41.62 37.73	37.73
	4 miles	Error in Lat. and Dep06 .14	
	COLIM #	closing Error 1:786. tremelites figure s , smobel	
		Any discrepancy between these field notes and those of	of
		the listing survey is due to error in the latter.	
	lio	Sedena poet office is located at the reach house	
	busl bo	claimant herein, which is loosted on his parent	
*	30,1918	redoted betelano versue W. H. Finigan	
		Forest Service Surveyor.	

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Observation Oct. 28, 1913 at 2 P.M., l.m.t.,

Observed lat. 34° 56' 30"

to sun 285° 54' Observed alt. sun, direct =30° 35'

" " 285° 40' " " reversed =30° 55'
                                                              " reversed =30° 55' 2/61° 30'
               2/571
                                                                                 30° 45'
                   2850 471
                                                                                         1'41"
                                                          Refraction
                                                                              30° 43'19"
                                                          True alt.
Decl. Greenwich apparent noon = 13^{\circ} 0' 47.7"
Dif. for 9\frac{1}{2} hrs. west. = \frac{7!}{59.66}"
             Dif. for 9\frac{1}{2} hrs. west = \frac{7!}{8!} 59.66"
Decl. at 2 P M. = 13° \frac{8!}{47.36}"
                              sin 13° 8' 50"
Cos. A. = -
                    Cos. 34°56'30" x cos.30°43'19"
                    tan. 34° 56' 30" x a tan 30° 43' 19"
log.sin 13° 8' 50" = 9.3568935
      cos 34°56' 30" = 9.9136738
                                 9.4432197
     \cos 30^{\circ}43' \ 19" = 9.9343238
                                  9.5088959 = log. -. 32277
                                                          -.41522
-.73799 = nat.cos 42°26'
log tan 34° 56' 30" = 9.8442854
log tan 30° 43' 19" = 9.7739920
9.6182774 = log .41522
Course to sun = S. 42° 26' W.

/ left to ref point = 285° 47'

Course to Ref. point = N. 63° 21' W.
 Observation Oct. 30, 1913 at 2:40 P. M., 1. m. t., Lat 34°56'30"

/ rt to sun 290° 50' obs. alt. sun 26° 20' direct
                                                     " 26° 32' reversed.
2/52 52
         11 11
                                                                  26
                                                           26
       Av . =
                                   Refraction
                                                        26° 23' 56"
                                   True alt.
 Decl. Greenwich app. noon 13° 40' 46.5"

Dif. for 10h. 10min. 8' 22.64"
            Decl. at 2:40 P.M. 13° 49' 09.14"
 Log sin 13° 49° 10" = 9.3781489 log tan 34°56'30" =9.8442854 log cos 34° 56' 30" = 9.9136738 " " 26°24' =9.6958355
                                    9.4644751
                                                                                   = .34683
                                = \frac{9.9521683}{9.5123068} = -.32532
  log cos 26° 24'
                                                                                     .32532
                 log
                                                                    nat cos _ .67215 =47°46'
 Course to sun = S. 47° 46' W. /

/left to ref point = 291° 05'

Course to ref. point = N. 63° 19' W.
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Aver. course to Ref. Point = N. 63° 20' W.

Decl. Organish appropriate moon will or ar. The control of the con # 3593880.0 = 408 '8 001 me. of 8870780.0 = 136 136 00 00 00 00 Co. Tan - Porch. 108 tem 34 '56' 30" = "0.642500" at 182 201

Cante., 201 = 4713000 at 182 201 Towns of the second sec The control of the co Course to the course of the co

Form 85. Sheet No. 3.—Revised Feb., 1915.

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected four in red ink. Do not change the footing of the lines. The corrected figure or figures above in red ink. Do not change the lines. The lines is should be proportional to the lengths of the lines. The corrections for balancing fallings should be proportions 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. 3. In calculations of fallings take result to nearest link. In calculations of the Surveyor General, and the Commissioner.

STATE OF ARIZONA. 94 STEVEV NO HEES.S.

		IMIM I	TOPE	DEPARTURES.	FURES.			O ADEAS	
BEABING	DISTANCE.	LATITUDES.	ODES.	THE THE	TOTATO:	DOUBLE M. D.	N. AREAS.	S. AKEAS.	
COKNEKS.		North.	South.	EAST.	West.	-			
			AREA IN S	SEC. 28.					
	F	A QA		10 95		10 97	54 41		
Z-3 N . 65° 45°	•	1	5		0	90 16		323 91	
3-1 South	14.78		14 78	700	66 01	77	מש		
1-9 M 48º 25	W. 14.72	9 77			11 01	10 99	EG LOT		
2		14 VC	14 78	10 95	10 11		162 00	323 91	
	41.01		1 1	000	10 99			162 00	
		1475	14 13	10 44	1.5 07			2)161 91	
								00 OF	8.10 Acres.
			AREA IN S	SEC. 27.				200	100
	04 41	84 11	1		003	0 03	0 44		
1-3 North	74.0	#		47		95 74		955 21	
3-4 S. 34° 5	50' E. 45.20		27 10	28 G2	h	3	1	904 85	
O A 720	00 9 m 1 LS		4 33		4 16	47 31	00000	1	
0 40	111		0 25		11 66	31 46		1,0 1,	
5-6 S 88° 4				60		20 87	167 17		
6-7 N. 7° 5	501 田. 8.09	8 01		07 7	8	3 1	סמ ששנ		
M 970	53 W 10.39	9 18			4 86	17.08	e / act		
200	1				3 66	8 52	64 84		
1	N				28	2 45	5 17		
9-1 N. 48° 2	25' W. 3.18	11 2			2		1000	אַס משננ	
	47.70L	41 69	41 68	26 92	26 72		T# #60	CE LOTT	
	× × ×		11/9	96 63	2683	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		294 44	
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								386 76	= 38.68 Acres
								COMP LOTON	46.78 Acres
								דסיסד שויסס	
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9-I II. 48° 25.	2.18	5 JJ				C Th	1 5 4 10	025
8-3 M. SPo 47, M.	8.44	J. O.T.						
4-8 M. S.A. 22, M.	70.29	1-1			1 P			
e-4 M. do 20, B.	60.8	8 OJ		7 70				
P-6 8 88 46, 8	77.60		0 20		17 00		Jen In	
4-2 8. 420 PJ. 1.	00.0				7 胜			
2-4 2. 24. PO. E.	45.20			20 62			5	
I-2 North	74.78	JA 18						Ts dae
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			AREA IN S	SEC - ST.				g6 08
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	देंग था	JF 11	74 18	TO AD	TO TT			
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			2 MI ATEA	SEC - 28.				1
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		TVIIIODER				DOUBLE M. D.		B. VEEVS.

= 28.68 ydles

386 NG

ACON BLOD

Total Area

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, Feb.4., 1915.

The foregoing field notes of Homestead Entry Survey No.
94
John J. Thompson, claimant
executed by W. H. Finigan, Forest Service Surveyor
under his special instructions, dated September 29, 1913,
having been critically examined, and the necessary correc-
tions and explanations made, the said field notes, and the
surveys they describe, are hereby approved.
Chank & Ingalls
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 S. Ingalls
8-2349 U. S. Surveyor General.

