U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

FIELD NOTES

EXCHANGE HOMESTEAR ENTRY SURVEY NO. 65 9

SITUATED IN THE Tonto

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 9, 10, 14, 15, and 22 Township 6 N., Range 5 East (Unsurveyed)

of the

Gila and 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 Camp Creek Improvement Company

Residence

Cave Creek, Arizona

H. E. No.

, dated

, 19

Land Office Phoenix , Arizona

Regional Engineer, Forest Service Survey executed by C. A. Long, Pro Forma

Under special instructions dated

March 12,

Survey commenced February 17,

, 1931

Survey completed

February 19,

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

OVER

OATH OF ASSISTANTS

We hereby certify that we assisted C. A. LONG Regional Engineer, Forest Service in surveying all those [Fcrest Service Title.]

parts or portions of Homesterd Survey No. 6 59 , 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 e xpensive and inconvenient to appear before an officer to administer oath to assistants. Hence they were taken by the Regional Enginee r.

Subscribed and sworn to before me this nineteenth day of

February

, 193 1

--- Regional Engineer-

OATH OF SURVEYOR

I, C. A. LONG,

Regional Engineer, Forest Service [Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the unitedx Statesx Surveyorx General X or Office of Public, xdatad Surveyor dated March 12, , 1931, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land

> under the Act of March 20, , 19; , Me.x

, 1922 and May 27, 1930

the same to be known as HomesteadxEntryxSurveyxNex Exchange Survey No. 659 National Forest, in situated within the Tonto un surveyed Sections 9,10,14) Township 6 North, Range 5 East surveyed Section: 15 and 22) Township

of the Gila and Salt River Base & meridian, Arizona 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.

> Regional Engineer Forest Service [Forest Service Title.]

Subscribed and sworn to before me this First

April

, 1931.

R. C. Buyer

REELEXARY. NAME OF STREET

8-2349

Notary Public

My commission expires June 20, 1931

HOMESTEAD ENTRY SURVEY NO. 659

TONTO NATIONAL FOREST

STATE OF ARIZONA TO TIATE

Chains The tract of land embraced in this survey is within and a part of the Tonto National Forest which it is proposed to grant to the Camp Creek Improvement Company in exchange for timber lands desired by the Eorest Service. of white, detailed

The Survey is designated as Exchange Survey No. 659.

Situated in what will probably be when surveyed Sections 9, 10, 14, 15, and 22, Township 6 north, Range 5 East Gila and Salt River Base and Meridian, Arizona.

Survey commenced February 17, 1931 and was executed with a Buff and Buff Transit No. 10802 equipped with a 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 slopes with a 500 link steel tape. The slope angles were determined with a clinometer.

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

February 17, 1931.

At what will be Cor. No. 1 of this survey, hereinafter described, at 4 h. 42 m. 30 s. p.m. L.M.T. I observe Polaris with telescope direct. reading an angle of 120° 25% from star to left to a point on a peak approximately four miles distant.

the series to the top to

Latitude 33° 52" 07" N. Longitude 111° 50' 10" W. from Forest Service Base Map.

L.M.T. Obsn. February 17, 1931 4 h. 42 m. 30 s. P.M.

G.M.T.U.C. Pol. Feb. 17, 1931 3 h. 49 m. 42s.P.M.

1 m. 12s. Reduction to Longitude

111°50°10" W. . 30 s. P.M

Hour angle of Polaris, West

. Oh. 54 m. 00 s..

Azimuth of Polaris

120° -251 00".

Angle from star to left

At the same point at 4 h. 45 m. P.M. L.M.T. I again observe Polaris with telescope reversed reading an angle of 120° 23' from star to left to the same reference mark.

EXCHANGE

HOMESTEAD ENTRY SURVEY NO. 659

TONTO NATIONAL FOREST

STATE OF ARIZONA TO STATE

. 2.

Chains L.M.T. Obsn. Pol. Feb. 17, 1931 4 h. 45 m. 00 s. P.M. D

G.M.T. U.C. Pol. Feb. 17, 1931 reduced to

Longitude 111° 50° 10" 3 a a 30 s. P.M.

Hour Angle of Polaris, West Oh. 56 m. 30 s.

Azimuth of Polaris

Angle from star to left 120° 23° 00"

Bearing of mark S. 59° 17: 58" West.

The mean of the two observations gives a bearing of reference mark of S. 59° 171 22" W. and from the meridian thus determined all the courses of this survey are referred.

February 18, 1931.

who was server becamer and Tract A wood new and generally the

Beginning at Cor. No. 1, which is a + on a Granite ledge 5 ft. high 6 ft. wide and 12 ft. long, marked 1 ES 659 and raise a md. of stone 3 ft. base 2 ft. high within the claim 3 ft. distant. No bearing trees or other objects available. Latitude 33° 52' 07" N. Longitude 111° 50: 10" W. from Forest Service base map.

Observed magnetic declination at 8 A.M. is 13° 30° East which corrected for diurnal change gives a mean magnetic variation of 13° 29' E. Pinnacle Mtn. bears S 10° 02' W. OS 15 of As at the

The 1/4 sec. cor. bet. secs. 25 and 30 T. 6 N. Rs. 4 and 5 E. which is a granite stone 6x12x6 ins. above ground, firmly set, marked, and witnessed as described by the Office of Public Surveys bears S. 55° 20: 20" W. 315.80 ch. dist. by traverse which appears at the end

Thence N. 25° 42' W.

Ascend gradual slope through scattering brush.

50.99

To cor. No. 2.

Point for cor. falls on a granite ledge showing 2'x6'x8' above ground, mark'a + for the point and 2 ES 659 around the +, raise md. of stone 3 ft. base 2 ft. high within the claim, 2 ft. dist. Pits impracticable.

A granite column 3x4x8 ft. high is 3 lks. SW of cor.

A prominent Madrona Bush with crown 25 ft. in dia. is approximately

100 1ks. North.

Pinnacle Mtn. bears S. 079 58 W.

brush and cactus.

HOMESTEAD ENTRY SURVEY NO . 659

TONTO NATIONAL FOREST

STATE OF ARIZONA 'TO HTATE

	THE PURE	STATE OF ARIZONA TO REATE	CONTRACTOR OF THE PARTY OF THE
	Chains	Thence N. 39° Ol: E enisdo	-
		Over rolling land through scattering brush	-
	22.00	Blue Wash 50 lks. wide Course S. 70° 00' E.	
	26.26	To Cor. No. 3	The Contract of
		Point falls on a diorite stone in place, showing 12x18x6 ins. above	-
		ground, Mark a + for the point and 3 ES 659 around the +. Raise md.	-
		of stone 3 ft. base 2 ft. high within the claim. Pits impracticable	
		No bearing objects within limits.	-
Section Section		Pinnacle Mtn. bears S. 08° 52° W.	-
		Thence S. 65° 22' E.	
		Over open land through scattering brush and cactus.	
	11.40	Blue Wash 50 lks. wide Course S. 70° 00° E.	10 mm
	71.15	To cor. No. 4	The total
		Deposit a granite stone 4x5x5 ins. marked with a + 20 ins. in the	
1		ground over which set a slate stone 4x14x30 ins., marked a + on top	Separate Separate
		and 4 ES 659 on SW face. Dig pits 12x12x24 ins. crosswise on each	-
		line and raise md. of earth 3 ft. base 2 ft. high within the claim.	-
		Kentuck Mtn. bears N. 39° 06' E.	MAN CAN
		Thence S. 24° 02' W.	
		Along W. side of Phoenix-Camp Creek road, through scattering brush	
		and cactus.	
	26.50	Wash 100 lks. wide Course East.	THE REAL PROPERTY.
	41.97	To cor. No. 5.	
		Deposit a granite stone 2x2x2 ins. marked with a + 16 ins. in the	
		ground over which set a slate stone 5x12x24 ins. marked a + on top	
45.00	(M) (A) (C)	and 5 ES 659 on NW face. Dig pits 12x12x24 ins. crosswise on each	
		line and raise md. of earth 3 ft. base 2 ft. high within the claim.	
1		Cor. No. 11 Tract B, hereinafter described, bears S. 46° 12' E.	
Section Section		4.25 ch. dist.	
		Kentuck Mtn. bears N. 37° 07' E.	
Samongha Sto		Thence S. 65° 36' W.	
Manufacture and Property of the Party of the		Along NW side of road. Ascend over rolling land through scattering	
-1	The second secon		

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HOMESTEAD ENTRY SURVEY NO. 659

TONTO NATIONAL FOREST

STATE OF ARIZONA

4.

Chains

16.40 To cor. No. 6

> Deposit a diorite stone 2x3x3 ins. marked with a + 18 ins. in the ground over which set a slate stone 4x14x26 ins. marked a + on top and 6 ES 659 on W. face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim. Cor. No. 10 Tract B hereinafter described bears S 49° 46' 30" E. 4.36 ch. dist.

. o till "St , " som them hod

Kentuck Mt. bears N. 38° 22' 30" E.

Thence S. 16° 51' W.

Along W. side of road, through scattering brush and cactus

Old mining road bears NW and SE 0.50

38.62 To cor. No. 7

> Deposit a granite stone 3x3x4 ins. marked with a + 16 ins. in the ground over which set a slate stone 5x12x24 ins. marked a + on top and 7 ES 659 on NW face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim. Cor. No. 9, Tract B hereinafter described, bears S. 73° 09' E. 4.00

Pinnacle Mtn. bears S. 11° 50' W.

Thence S. 81° 14° W.

Through scattering brush and cactus, over gently rolling land.

To Cor. No. 8 11.34

> Deposit a granite stone 4x5x5 ins. marked with a + 16 ins. in the ground, over which set a slate stone 4x10x24 ins. marked a + on top and 8 ES 659 on NE face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim. Pinnacle Mtn. bears S. 11° 01' W.

Thence N. 05° 57' W.

Over gently rolling land, through scattering brush and dense cactus.

To cor. No. 1, the place of beginning.

February 18, 1931.

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47.89

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TONTO NATIONAL FOREST

STATE OF ARIZONA TO STATE

EXCHANGE

.5.

Chains February 19, 1931.

Baisdo

TRACT B

Beginning at Cor. No. 9, deposit a porphyry stone 2x3x4 ins. marked with a + 20 ins. in the ground over which set a slate stone 5x10x30 ins. marked a + on top and 9 ES 659 on E. face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim.

Cor. No. 7 Tract A, heretofore described bears N. 73° 09' W. 4.00 ch. dist.

Thence N. 16°51' E

Along E. side of road, over gently rolling land through scattering brush and cactus.

36.89 To Cor. No. 10

Deposit a granite stone 3x3x4 ins. marked with a + 20 ins. in the ground, over which set a slate stone 5x10x30 ins. marked a + on top and 10 ES 659 on SE face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim. Cor. No. 6, Tract A heretofore described bears N. 49° 46° 30° W. 4.36 ch. dist.

Thence N. 63° 36' E.

Along SE side of road, through scattering brush and cactus.

16.11 To Cor. No. 11

Deposit a granite stone 2x4x4 ins. marked with a +, 16 ins. in the ground over which set a slate stone 4x8x24 ins. marked a + on top and 11 ES 659 on SE face, Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim.

The same of the same

Cor. No. 5, Tract A heretofore described, bears N. 46° 12' W. 4.25 ch. dist.

Thence N. 24° 02° E.

Along E. side of road, through scattering brush and cactus.

22.70 To cor. No. 12

Deposit a slate stone 2x4x6 ins. marked with a + 16 ins. in the ground over which set a slate stone 5x12x24 ins. marked a + on top and 12 ES 659 on SE face. Pits impracticable. Raise md. of stone 3 ft. base 2 ft. high within the claim.

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EXCHANGE

HOMESTEAD ENTRY SURVEY NO. 659

TONTO NATIONAL FOREST

STATE OF ARIZONA

.6.

Chains Kentuck Mtn. bears N. 37° 19 E.

Thence S. 65° 59' E.

Through scattering brush and cactus.

Deposit a metate stone 3x5x5 ins. marked with a + 20 ins. in the ground over which set a slate stone 5x8x30 ins. marked a + on top and 13 ES 659 on SW face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim.

. Edg. . Or Widows in

Thence S. 28° 20' W.

Over gently rolling land, through scattering brush and cactus.

80.83 Wash 20 Iks. wide course SW

92.33 To Cor. No. 14

Deposit a slate stone 2x2x3 ins. marked with a + 16 ins. in the ground over which set a slate stone 6x12x24 ins. marked a + on top and 14 ES 659 on NW face. Dig pits 12x12x24 ins. crosswise on each line, and raise md. of earth 3 ft. base 2 ft. high within the claim.

Thence N. 86° 39' W.

Over gently rolling land through scattering brush and cactus.

8.79 To Cor. No. 15

Deposit a slate stone 2x4x4 ins. marked with a + 16 ins. in the ground over which set a slate stone 4x12x24 ins. marked a + on top and 15 ES 659 on NE face. Dig pits 12x12x24 ins. crosswise on each line and raise md. of earth 3 ft. base 2 ft. high within the claim. dor. No. 17 Tract B, ES 658, described in the notes of that survey bears S. 26° 41° 50" W. 102.70 ch. dist. by traverse which appears at the end of these notes.

Thence N. 04° 33' E.

Along E. side of road, through scattering brush and cactus.

To Cor. No. 9, the place of beginning.

.affaction a district February 19, 1931.

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24.88

EXCHANGE HOMESTEAD ENTRY SURVEY NO. 659

TONTO NATIONAL FOREST

	STATE OF ARIZONA		
Chains	Area	entpo)	
	Tract A 448.03 Ac	res	
	Tract B 173.20 "		
	Total 621.23 "		
	Conflicts		
	There are no conflicts.		
	Survey completed February 19, 1931.		
	Tal oua		
	c. A. LONG, Regional Engineer.		
Sell's sell			

170 Form 85. Sheet No. 2.

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Sheet No. 3.—Revised Feb., 1915											产。埃里							
Directions.—1. Carry out calc 2. In balancing Put the The co 3. In calculatio 4. Only three c	Latit to two decimals of Latit and Departures are corrected figure or figures rections for balancing falling of fallings take result to	only. do not obliterate of above in red ink. ings should be proposessed ink. In	r change the Do not cha cortional to t calculations	original ange the he lengtl of N. and	figures. footing of the hs of the lin d S. areas di	ne origina les. rop all af	al figures, b	ut put be	elow them t	he correc	cted footing i	n red ink. he Standa	rd Field Tables i	ssued by	the G. L. O.			•
	ING AND CALCUL.		EAUL	THINGE														
CORNERS.	BEARING.	DISTANCE.		LATIT			The Control		TURES.		DOUBLE		N. AREAS		S. AREAS			
TRACT A	Dizatviro.	DISTAICE.	North	н.	South	н,	East	r.	Wes		DOUBLE	м. Б.	N. AREAS		S. AREAC			
1 - 2	N. 25° 42°W.	50.99	45	95					22	11	22	10	1015	50				
2 - 3	N. 39° 01'E.	26.26	20	40/		65	16	90				53	337	21	- 40 d	y		
3 - 4	S. 65° 221E. S. 24° 02'W.	71.15 41,97	•		29 38		64	68	17	09	97 145	76			2898 5572			
5 - 6	s. 63° 361W.	16.40			7	29/				69					828			
6 - 7	s. 16° 51'W,	38,62			36					20		72			3242			
7 = 8 8 = 1	s, g1° 14'W. N. 05° 57'W.	11.34 47.89	47	63 /	1	73′				96		31	2341	011	112	99		
		304.62	113	1900	113	97	81	21		26			3693		12654	34		
			113	200					81	21					3693	**********		
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Closin	s error 1/5974																	
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Form 85. Sheet No. 3.—Revised Feb., 1915.

Directions.—1. Carry out calculation to two decimals only.

2. In balancing Latit 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.

8-2349 TABL	ING AND CALCUL	ATIONS OF I	EXCHANGE COMESTEADER	NXXXX SURVEY	NO. 659	, STAT	E OF ARIZON	A		
CORNERS.	BEARING.	DISTANCE.	LATIT	UDES.	DEPARTU	JRES.	DOUBLE M. D.	N. AREAS.	S. AREAS.	
TRACT B	222111111111111111111111111111111111111	Distançon.	North.	South.	East.	West.		11. 711/2/15.	S. AILEAS.	
9 - 10	N. 16°51' E.	36.89	35 31		10 69		14 63	516 59		
10 - 11	N. 63°36 E.	16.11	7 16		14 43		39 75	284 61		
11 - 12	N. 24 02 E.	22.70	20 73'		9 25		63 43	1314 90		
12 - 13	S. 65 59 E.	17.81		7 25	16 27 1		99 05		644 89	
13 = 14	S. 28°201 W.			81 27 /		43 821	61 39		4988 55	
14 = 15	N. 86°391 W.		51			8 78		4 48		
15 - 9	N. 04°331 E.	24.88	24 80 1		1 97		1 97'	48 86		~
		219.51	88 51 /	88 521	52 61	52 601		2169 44	5633 44	
		10.7		88 51	52 60			4.7	2169 144	
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Form 85. Sheet No. 3.—Revised Feb., 1915.

	it the corrected figure or figures ne corrections for balancing fall plations of fallings take result to tree copies of this tabulation are		EXCI	TANGE.														
CODNEDC	BEARING.	DISTANCE.		LATIT	ITUDES.		DEPARTURES.							va				
CORNERS.	BEARING.	DISTANCE.	Nort	TH.	South.		EAST.		West.		DOUBLE M. D.				15.	s. AREAS.		
		Tie from Co	rner	No. 1											N. R			
						-		100					18, 17			# *		
	S. 05°57' E.	47.89			47	63	4	96										
	N. 81 14' E.	11.34	1	73			11	21							0.2 (1.3)			
•	S. 73°09' E.	4.00			1	16	3	83										
	8. 04°33' W.	24.88			24	-80		, ,,	1	97	10000							1
	S. 33°21 W.	43.69			36	50			24	02								
	S. 21°49¹ W.	59.51			55	25			22	12								
	West	38,56							38	56								
	N. 44 34 W.	3.00	2	14					2	11								
	N. 16°43' W.	3.00	2	87						86								
	s. 82°09 W.	191.91			26	21			190	11								
	North	5.22		22														-1
	77 770 000 000			96 '	191	55	20		279	75					-			
	N. 55°20°20°	E 315.80	179	59			259	75										
	0		le fro	m Cor	Acres de la constitución de la c		ractE	ES	659 to	BOY SO PER	No.	7 Tr	ct E	ES 6	58			
	S.33°21' W.	43.69			36	50				02								
	S, 21 49 W.	59.51			55	25			22									
	N 060112 120 E	200 7			91	75		- 1.	46	14								
	N. 20 41 50 E	102.70	91	75			46	14										

APPROVAL

PUBLIC SURVEY OFFICE

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

Phoenix, Arizona, April 25 , 19131

The foregoing field notes of Exchange Survey No.

659

executed by C. A. Long, Regional Engineer,

pro forma
under his special instructions, dated March 12, 1931 having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

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
Office Cadastral Engineer

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