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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

~~FOREST SERVICE~~ **EXCHANGE** SURVEY NO. 671

SITUATED IN THE **COCONINO** NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO.

In Section **21**, surveyed, Township **21N.**, Range **10E.**

of the

Gila & Salt River Base & Meridian.

~~State of~~

State of
ARIZONA

Exchange
Applicant ~~for listing~~ **Charles L. Keyster and Frankie F. Keyster**

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land Office

Survey executed by **Thomas F. Myers, Associate C. E. Inspector,**
Forest Service. Service Title.

Under special instructions dated **June 17,** , 19 **41**

Survey commenced **June 19,** , 19**41**

Survey completed **June 21,** , 19**41**

Under Acts of **March 20, 1922 and July 1, 1941.**

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OATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers, Associate C. E. Inspector, Forest Service** in surveying all those

[Forest Service Title.] **Exchange** parts or portions of ~~XXXXXX~~ Survey No. **671**, 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 oaths to assistants; hence, they were taken by the Associate C. E. Inspector.

George Markalic
George Slava

Subscribed and sworn to before me this **24th** day of **July**, 19**41**.

Thomas F. Myers
Associate C. E. Inspector,
Forest Service.

OATH OF SURVEYOR

I, **Thomas F. Myers, Associate C. E. Inspector, Forest Service**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the ~~XXXXXX~~ **Public Survey Office** for **Arizona**, dated **June 17**, 19**41**, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land

, No. , dated , 19 , for the same to be known as ~~XXXXXX~~ **Exchange** under the Act of , 19 , situated within the ~~XXXXXX~~ **Coconino** Survey No. **671**, National Forest, in surveyed Section **21**, Township **21N.**, Range **10E.**, and surveyed Section , Township , Range ,

of the **Gila & Salt River Base &** 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
Associate C. E. Inspector, Forest Service.
[Forest Service Title.]

Subscribed and sworn to before me this **14** day of **August**, 19**41**.

Vada Tenge Baird
Jatun Pulling



8-2349

My Com. expires 1-8-45.

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COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

The tract of land embraced in this survey is in private ownership and was surveyed for acquisition by the United States under the Acts of March 20, 1922, and July 1, 1941.

Applicants for Exchange - Charles L. Keyster and Frankie F. Keyster. Situated in surveyed Section 21, T.21N, R.10E, of the Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

Surveyed under special instructions from the Public Survey Office for Arizona, dated June 17, 1941, and designated as Exchange Survey No. 671.

Survey commenced July 19, 1941, and executed with a Buff and Buff transit No. 10019.

The adjustments of the transit were tested and necessary corrections made before beginning the survey.

All distances are horizontal and were made directly on the slope with a 100 ft. steel tape. The slope angles were determined with a clinometer.

The courses of this Survey were referred to the meridian established by me on July 21, 1938, in connection with Exchange Survey No. 664, and were carried forward by sustained angulation.

RETRACEMENTS

In connection with Exchange Survey No. 664, I retraced the N/2 of line between Sections 21 and 22, and N/2 of line between Sections 20 and 21 as follows:

July 18, 1938

Beginning at the 1/4 corner between Sections 21 and 22, T.21N, R.10E, an iron post 1 in. in diameter, 10 in. above ground with brass cap marked and witnessed as described by Public Survey Office.

Thence N. 0°02'W.

Retracing line between Sections 21 and 22, N/2.

40.00 Fall 7 lks. W. of corner Sections 15, 16, 21, and 22, an iron post 2 in. in diameter, 24 in. above ground in mound of stone, with

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains	brass cap marked and witnessed as described by Public Survey Office. Thence S. 0°04'W. On true line between Sections 21 and 22, N/2.
2.05	Bottom Canyon Youngs Creek course E. asc. 40 ft.
3.30	South rim rock Youngs Canyon bears E. & W. Thence over rolling land through dense pinon and cedar.
28.31	A.T. & S.F. Ry. fence along right of way north side of track bears N. 89° 39'W. and S. 89° 39'E.
29.63	Center A.T. & S.F. Ry. track bears N. 89° 39'W. and S. 89°39'E. (North main or east bound track).
29.83	Center A.T. & S.F. Ry. track bears N. 89°39'W and S.89°39'E. (South main or west bound track). Set temporary point.
31.35	A.T. & S.F. Ry. fence along right of way bears N. 89° 39'W, and S. 89° 39'E.
40.00	1/4 corner between Sections 21 and 22 previously described.
	From 1/4 corner between Sections 20 and 21, T.21N, R.10E, an iron post 1 in. in diameter, 10 in above ground with brass cap marked and witnessed as described by Public Surveys Office. Thence N. 0°03'W. Retracing line between Sections 20 and 21, N/2.
39.98	Intersect Corner Sections 16, 17, 20, and 21, a cedar tree 12 in. in diameter marked and witnessed as described by Public Survey Office. Note: Pinon bearing trees N. 38-3/4°E, 27 lks., and N.86°W, 49 lks., have been fire killed by wood cutters burning brush. Trunks of trees have been charred and markings nearly obliterated. Thence S.0°03'E. On true line over level land through pinon and cedar.
27.85	A.T. & S.F. Right of way fence bears N. 89°39'W, and S.89°39'E.
29.16	Center A.T. & S.F. Ry. track bears N. 89°39'W, and S.89°39'E. (North main line or east bound track).
29.36	Center A.T. & S.F. Ry. track bears N. 89°39'W, and S.89°39'E. (South main track or west hound track).
30.88	A.T. & S.F. Ry. fence along right of way bears N.89°39'W, and S. 89° 39'E.

EXCHANGE
HOMESTEAD ENTRY SURVEY NO. 671

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

39.98 The 1/4 corner between Sections 20 and 21 previously described.

July 18, 1938.

Retracement center line A.T. & S.F. Ry. Right of Way through
Section 21, T.21N., R.10E.

In connection with Exchange Survey No. 664, on July 19, 1938. I
retraced center line of A.T. & S.F. Ry. Right of Way through
Section 21 as follows:

Beginning at a point in center of south main line track (west bound
track), on line between Sections 21 and 22 previously determined.

Thence N. 89°39'W.

Along center south main track.

79.97 Intersect point on line between Sections 20 and 21 previously deter-
mined.

July 19, 1938.

July 19, 1941

From the 1/4 corner between Sections 21 and 22, T.21N., R.10E., pre-
viously described.

Thence N. 0°04'E.

On line between Sections 21 and 22.

8.65 Corner No. 3, and closing corner of Exchange Survey No. 664, a lime-
stone 6x8x10 ins., above ground marked and witnessed as described
in field note of Exchange Survey No. 664.

10.17 Center south main track and center line A.T. & S.F. Ry. Right of
Way. From this center point in right of way center line of track
bears N.89°39'W.

11.68 Set temporary point for corner No. 2, and closing corner of this
survey hereinafter described.

From the 1/4 corner between Sections 20 and 21, T.21N., R.10E., pre-
viously described.

Thence N.0°03'W.

On line between Sections 20 and 21.

9.10 Corner No. 2 and closing corner of Exchange Survey No. 664, a lime-

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4.

Form 85.
Sheet No. 2.

EXCHANGE
HOMESTEAD CENTER SURVEY NO. 671

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

- Chains stone 4x6x10 ins., above ground, marked and witnessed as described in field notes of Exchange Survey No. 664.
- 10.62 Center south main track and center line A.T. & S.F. Ry., Right of Way, from this center point in right of way center line of track bears S.89° 39'E.
- 12.13 Set temporary point for corner No. 3 and closing corner of this survey, hereinafter described.
July 19, 1941.

Boundaries of Survey

July 21, 1941.

Beginning at corner No. 1. Identical with corner of Sections 15, 16, 21, and 22, T.21N., R.10E., previously described. I adopt same for corner No. 1 of this survey and alongside to SW of Section Corner set iron post 1 in., in diameter, 30 in., long, with brass cap, marked 1941 on S. rim, 1ES671 in SW quadrant. Post is set in mound of stone surrounding section corner.

Lat. 35°11'54"N. Long. 111°19'24"W., from Forest Service base map. Thence S.0°04'W.

On line between Sections 21 and 22. Desc. over rocky S. Slope.

2.05 Bottom Canyon Youngs Creek (dry), course E., asc. N. slope.

3.30 South rim rock Youngs Canyon, bears E. & W.
Thence over rolling land through pinon and juniper.

28.31 A.T. & S.F. Ry., Right of Way fence, bears N. 89°39'W., and S.89°39'E.

28.32 To corner No. 2 and closing corner on line between Sections 21 and 22. Set an iron post 1 in. in diameter, 30 in. long, 20 in. in ground, with brass cap marked 1941 on S. rim; 2ES671 in NW quadrant, and CC in SW quadrant; raise mound of stone 3 ft., base, 1-1/2 ft., high on closing line, N.89°39'W., of corner, whence:

Pinon 12 in., diameter bears N.30°15'W., 179 lks. dist., blazed and scribed CC2ES671XBT.

Juniper 6 in., diameter brs. N.69°45'W., 77 lks. dist., blazed and scribed CC2ES671XBT.

1/4 corner between Sections 21 and 22 previously described bears S. 0°04'W., 11.68 chs. dist.

EXCHANGE
HOMESTEAD ENTRY SURVEY NO. 671

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Corner Sections 15, 16, 21 and 22 previously described bears

N. 0° 04' E., 28.32 chs. dist.

Cor. No. 3 ES 664 previously described bears S. 0° 04' W. 3.03 chs. dist.

Thence N. 89° 39' W.

Along A.T. & S.F. Ry. right of way, over gently rolling land. Fence North 1 link dist., brs. easterly and westerly.

.60
79.97

Fence on line, continue along fence,

To Corner No. 3 and closing corner on line between Sections 20 and

21. Set an iron post 1 in. in diameter, 30 ins. long, 18 ins. in

ground with brass cap marked 1941 on South rim, 3ES671 in NE

quadrant, and CC in SE quadrant. Raise mound of stone 3 ft. base,

2 ft. high on closing line S. 89° 39' E. of corner, whence:

juniper 6 in. diameter bears N. 88° 30' E., 101 lks. dist.,

blazed and scribed CC3ES671 X BT.

pinon 10 in. diameter bears N. 28° 40' E., 118 lks. dist.,

blazed and scribed CC3ES671 X BT.

1/4 corner between Sections 20 and 21 previously described bears

S. 0° 03' E., 12.13 chs. dist.

Corner Sections 16, 17, 20 and 21 previously described bear

N. 0° 03' W., 27.85 chs. dist.

Cor. No. 2 ES 664 previously described bears S. 0° 03' E., 3.03 chs.

dist.

Thence N. 0° 03' W.

Along line between Sections 20 and 21 over level land through pinon and juniper.

27.85

To Corner No. 4. Identical with corner of Sections 16, 17, 20 and

21, previously described.

I adopt same for Corner No. 4 of this survey and alongside to SE set

iron post 1 in. in diameter, 30 ins. long, 20 ins. in ground, with

brass cap marked 1941 on South rim, 4ES671 in SE quadrant.

(I accept record survey of line between Sections 16 and 21)

Thence S. 89° 59' E.

On line between Sections 16 and 21, over gently rolling land

through dense timber.

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EXCHANGE

HOMESTEAD ENTRY SURVEY NO. 671

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

- 40.00 1/4 corner between Sections 16 and 21, a 1 in. iron post with brass cap, marked and witnessed as described by Public Survey Office.
- 48.90 Wagon road bears NW and SE.
- 60.50 Old road bears NW and SE.
- 70.50 Youngs Canyon, 50 lks. wide course SE.
- 80.00 To Corner No. 1, the place of beginning

AREA

TOTAL AREA - - - - - 224.64 Acres

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The survey is adjoined on South by right of way of A.T. & S.F. Ry.

Survey completed July 21, 1941

Thomas F. Myers

Thomas F. Myers
Associate C.E. Inspector,
Forest Service.

- DIRECTIONS.—1. Carry out calculations 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~~ SURVEY NO. 671, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
1-2	S. 0° 04' W.	28.32		28 32		03	159 99			4530	91	
2-3	N. 89° 39' W.	79.97	49		79	97	80 00	39 20				
3-4	N. 0° 03' W.	27.85	27 85			02		02	56			
4-1	S. 89° 59' E.	80.00		02	80	00	80 01			1	60	
		216.14	28 34	28 34	80	00	80 02		39 76	4532	51	
						80 00				39	76	
	Error in lat. and dep.									20)4492	75	
										224	64 acres	
	Closing error 1/10807											

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APPROVAL
UNITED STATES
Department of the Interior
General Land Office
PUBLIC SURVEY OFFICE
Phoenix, Arizona, May 20

, 1942

The foregoing field notes of ~~XXXXXX XXXX XXXX XXXX~~

EXCHANGE SURVEY NO. 671

executed by Thomas F. Myers, Associate C.E. Inspector, Forest Service
[Forest Service Title.]
under his special instructions, dated June 17, 1941, ~~1941~~, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Sherman C. Fiske
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.

Sherman C. Fiske
Office Cadastral Engineer

