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JUN 7 - 1907

(4-683.)

Mineral Survey No. 2391

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas P Cowen

KNOWN AS THE

Little Rock

Yugruise Mining District.

Cochise County, Arizona

Section _____, Township 19 S, Range 25 E unsurveyed

Surveyed under instructions dated May 2, 1907

by John A Rockfellow
U. S. Deputy Mineral Surveyor

Claim located See Location Notice . 1

Survey commenced April 20, 1907

Survey completed April 22, 1907

o 6-133

Address of claimant
Gusson Ariz.

*See hand 11
See map*

SURVEY NO. 2391.

Little Rock Lode.

Beginning at Cor. No.1, the northeast corner of location, a pine post 4 inches square, 3 1/2 ft above ground in a mound of stone, scribed N.E.C. L.R, add 1 - 2391, whence:

U.S.M.M, No.1, Turquoise district bears N 12° 19'E, 4744.3 ft.

Cor. No.5 of the Ann lode, Survey No. 1889 bears N 8° 42'E, 832.4 ft.

Thence S 25° 42'E, Va 12° 50'E, along the west side of road,

- 226. cross fence line at S 64° W, 10 ft from corner of fence;
- 244.5 left .8 ft the N.E. corner of tent house 12 ft E & W X 10 ft N. & S.;
- 362. N.E. corner of frame house 18 ft X 24 ft E & W.
- 380. S. E. corner of same house;
- 386. cross fence line at S 64° W, 10 ft from corner of fence;
- 729. right 3 ft N. E. corner of corral fence of W. B. Moore;
- 815. right 1 ft N. E. corner of saloon building of W. B. Moore; building 36 X 80 ft E. & W.;
- 851. right .9 ft S. E. corner same saloon building;
- 952. right 2 ft N.E. corner of house 12 X 18 E & W.;
- 991. right 1.5 ft N.E. corner of irregular shaped building of wood, approximately 53 ft N.& S. X 40 ft E. & W.
- 1093.5 intersect ^{north} side of house at S 64° W, 1.2 ft from N. E. corner. house 12 ft X 18 E & W;
- 1105.5 intersect south side of same house at S 64° W, 1.5 ft from the S. E. corner.
- 1276.4 intersect north side of house at S 64° W, 4 ft from the N.E. corner; house 12 ft X 20 ft E. & W.
- 1288.4 intersect south side of same house at S 64° W, 4.5 ft from the S. E. corner;
- 1370. center of gulch 90 ft wide, course easterly;
- 1438.0 to corner No. 2, identical with location and with the N. E. corner of the Elephant lode unsurveyed; a pine post 4 inches square, 3 1/2 ft above ground in a mound of stone,

scribed S. E. C.-L.R, add 2-2391, whence:

1. A cross (X) and B R- 2 - 2391, chiseled on a porphyry rock 10 X 6 X 6 inches bears N 28° 28'W, 77.4 ft.

2. A cross (X) and B R-2-2391, chiseled on porphyry bedrock bears N 71° 12'W, 75.0 ft.

Whence, N.C.E. Elephant lode, cons. Brs. S. 72° 49' W. 270.8 ft.
Thence S 68° 14'W, va 12° 50'E,

300. south; center end, identical with location, a pine post, 4 inches square, 3½ ft ~~above~~

above ground in mound of stone, scribed S C E - L R, add 2391, whence north center end of the Elephant lode, unsurveyed, a stone monument bears N 32° 30'E, 37. ft.

600. to corner no. 3, identical with location and with the N. W. corner of the Elephant lode, unsurveyed, a pine post 4 inches square, 3½ ft above ground in mound of stone, scribed S W C - L R, add 3 - 2391, whence:

U. S. G. S. monument on high point of main divide of Dragoon Mts bears N 20° 56'E.

Smoke stack of hoist at Copper Belle mine bears N 53° 39' E.

Whence, N.C.E. Elephant lode cons. Brs. N. 64° 30'E. 330.7 ft.
No nearby bearings available.

Thence N 25° 42'W, va 12° 50'E.

75.0 center gulch 20 ft wide, course easterly;

460.0 center gulch 50 ft wide, course E. S. Easterly;

1438.0 to corner No. 4, identical with location, a pine post 4 inches square, 3 ft above ground in mound of stone, scribed N. W. C.- L. R., add 4 - 2391.; whence

1. A cross (X) and BR - 4 - 2391 chiseled on a porphyry reef bears S 84° 49'W, 41.9 ft.

2. A cross (X) and B R - 4 - 2391 chiseled on a porphyry reef bears S 54° 35'W, 39. ft.

Thence N 68° 14'E, va. 12° 50'E;

300. North center end, a pine post 4 inches square, 3 ft above ground, in a mound of stone, scribed N.C.E.-L.R., add 2391. This center end is identical with location.

600. to corner No. 1, the place of beginning.

Total area -----	19.761 acres
Less Area in conflict with Elephant lode -----	0.149 "
Net area of Little Rock lode -----	19.612 acres

Location.

This claim is located in Turquoise Mining District, Cochise county, Arizona, in Tp 19 S, R 25 E, unsurveyed.

The lode extends presumably the length of the claim from center end to center end, S 25° 42'E, 42 ft and N 25° 42'W, 1396 ft from discovery shaft.

Adjoining Claims.

On the north the Little Rock No.2, (unsurveyed) Thomas P. Cowen, claimant;

On the south the Elephant lode (unsurveyed), J. M. Hefley, claimant.

Expenditure of Five Hundred Dollars.

I certify that the value of labor and improvements upon this claim, placed thereon by the claimant and their grantors, is not less than five hundred dollars, and that said improvements consist of:

from south center end:

- No. 1) Discovery shaft which bears N 25° 42'W, 42 ft., shaft 6 X 4 ft, 10 ft deep. value \$100.00
- No. 2) An old shaft, which bears N 5° E, 317 ft., shaft caved, timbered, said to have been over 40 ft deep, now 6 X 4 ft 10 ft deep, value \$100.00
- No. 3) A shaft which bears N 45° 01'W, 344 ft, shaft 4 X 6 ft, 85 ft deep, value \$650.00
- No. 4) A shaft which bears N 11° 25'W, 356 ft, shaft 4 X 6 ft, 25 ft deep, value \$250.00
- No. 5) A cut, which bears N 83° W, 53 ft, cut 4 X 10 ft, 20 ft face, value \$100.00

Other Improvements.

- No. 1) Buildings mentioned in topography of line 1 - 2.
- No. 2) An Adobe house the N.E. corner of which bears from Corner No.1 S 7° 44'E, 603 ft., house 16 X 14 ft E. & W., claimant unknown.
- No. 3) A frame house the S. E. Corner of which bears from Cor. No. 2, N 55° 09'W, 725 ft., house 18 X 24 ft E & W. Thomas P. Cowen, claimant.

An adobe house, the S. E. corner of which bears from Cor. No. 2, N 86° 40'W, 127.5 ft, house 14 X 30 ft N & S, Sydney Ridgway claimant.

A frame house the S. E. Corner of which bears from the south center end N 56° 44'W, 288 ft, G. I. Van Meter claimant.

A frame house 12 X 12 ft the south east corner of which bears from S. C. End S 75° 30'W, 112 ft. claimant unknown

A frame house 12 X 12 ft the S. W. corner of which bears from Cor. No. 3, N 24° 40'W, 108 ft. claimant unknown.

Instrument.

This survey was made with a Young & Sons mountain transit No. 6855, provided with a Smith solar attachment. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100 ft and 500 ft steel tapes.

Tombstone, Arizona.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow
United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
boundaries described in the foregoing field notes of the survey of the mining claim of

Thos O. Courson
known as the Little Rock

and showing the respective capacities in which they acted.

Thomas King, Chainman.
E. L. Robinson, Chainman.
....., Axman.
....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Thomas King
and E. L. Robinson, do solemnly swear that we assisted John A. Rockfellow
Rockfellow United States Deputy Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of Thomas O. Courson

known as the Little Rock

represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his
direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and
correctly executed, and the corner and boundary monuments established according to law and the instructions
furnished by the United States Surveyor-General for Arizona

Thomas King Chainman.
E. L. Robinson, Chainman.
....., Axman.
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 23

day of April, 1907

John A. Rockfellow
Notary Public
My Com. expires
Mar 14/911

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Mar 2 1907, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Thos. P. Cowan, known as the Little Rock, situate in Maricopa Mining District, Cochise County, Ariz., in Section 36, Township No. 19S, Range No. 25E Unsurveyed and designated as Survey No. 2391, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or his grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

John A. Rockefeller
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Rockefeller
U. S. Deputy Mineral Surveyor, before me Daniel McFarland
this 27th
day of May 1907,

Daniel McFarland

Notary Public.

My Commission Expires May 26, 1909

Affidavit of Five Hundred Dollars Improvements.

We, Thomas King, and John Gleason

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Little Rock mining claim, situate in Turquoise Mining district, Cochise County, Arizona Territory, for which Thos. P. Leaven

he made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and his grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Thomas King
John Gleason

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this 23

day of April, 1907

John A. Proffman
Notary Public
My com. expires Mar 14 1911



Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Little Rock
Mining Claim, situate on lands belonging to the United States of America, and in which there
are valuable mineral deposits, was entered upon and located for the purposes of exploration and
purchase by Thomas P. Cowen

a citizen of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 14th day of Feb. 1907

The length of this claim is 1438 feet,
and I claim 1395 feet,
in a northerly direction and EE 43
feet in a southerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 300. feet in width of the surface grounds, on each
side of the center of said claim. The general course of the lode deposit and premises is from the
noRth to the south

The claim is situated and located in the Turquoise Mining District, in
Cochise County, in the Territory of Arizona, ~~at~~
~~in a~~ ~~direction from~~ and the N. E. Cor. bears from
Cor. No. 5 Ann lode, Survey No. 1889, S 8°42'W, 832.4 ft.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a post in mound of stone

at a point in a northerly direction 1395 feet from
the discovery shaft (at which this notice is posted), being in the center of the north
end line of said claim; thence N 68° 14'E, 300. feet to a post in mound of
stone, being the N. E. corner of said claim; thence
S 25°42'E, 1438 feet to a post in mound of stone, being at the
S. E. corner of said claim; thence S. 68°14'W, 300. feet
to a post in mound of stone at the center of the south end of said claim;
thence same course, 300. feet to a post in mound of stone, being at the
S. W. corner of said claim; thence ~~NEEERE~~ N 25°42'W, 1438.
feet to a post in mound of stone at the N. W. corner of said claim;
thence N. 68° 14'E, 300. feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to
Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 14th day of Feb. 1907. ~~190~~

This is an amended location notice of the Little Rock lode claim,
located April 23, 1900 by Thomas P. Cowen and recorded in Bk. 18, at
page 90, Records of Mines of Cochise County, Arizona; and is made to
better describe the location of said claim.

Thomas P. Cowen.

TERRITORY OF ARIZONA,

County of COCHISE ss.

R. D. Donald

I, County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at 1-20 o'clock, M.,

on this FEB 23 1907 day of 1907, and duly recorded in Book No. 34

of RECORDS Records of COCHISE County, Arizona, at pages 194

WITNESS my hand and official seal the day and year first above written.

County Recorder.

No 1344

Notice of Location

LODE CLAIM

Dated 1907

Filed and Recorded at request of

E. A. Rockwell

FEB 23 1907 A. D. 1907

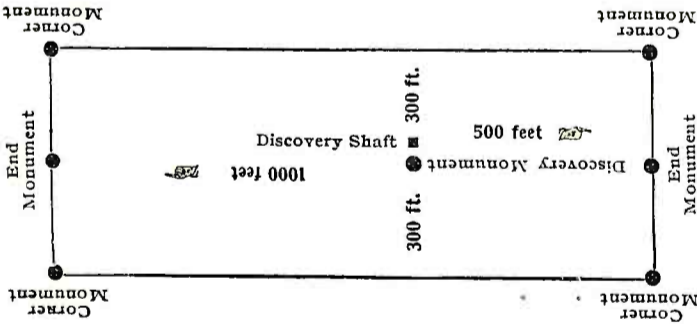
at 1-20 o'clock M.

Book 38 Records of MINERAL

Pages 194

R. D. Donald
County Recorder.

By Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

4-688.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

July 27, 1907

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Thomas P. Cowen

known as the LITTLE ROCK

situate in Turquoise

Mining District, Cochise County, Arizona

in Section, Township No. 19 S., Range No. 25 E. Unsur., and

designated as Survey No. 2391, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 4 shafts and 1 cut, value \$1200.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls

United States Surveyor-General for Arizona

4-687.

**SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD
NOTES AND SURVEY OF MINING CLAIM.**

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona,

July 27, 1907.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of _____

Thomas P. Cowan

_____, known as the

LITTLE ROCK

situate in Turquoise Mining District,

Cochise

County,

Arizona

in Section _____, Township No. 19 S., Range No. 25 E. Unsur

_____, designated as Survey No. 2391

executed by John A. Rockfellow, U. S. Deputy Mineral

Surveyor, April 20, 27, 1907, under my instructions dated

Mar. 2, 1907, have been critically examined and the necessary cor-

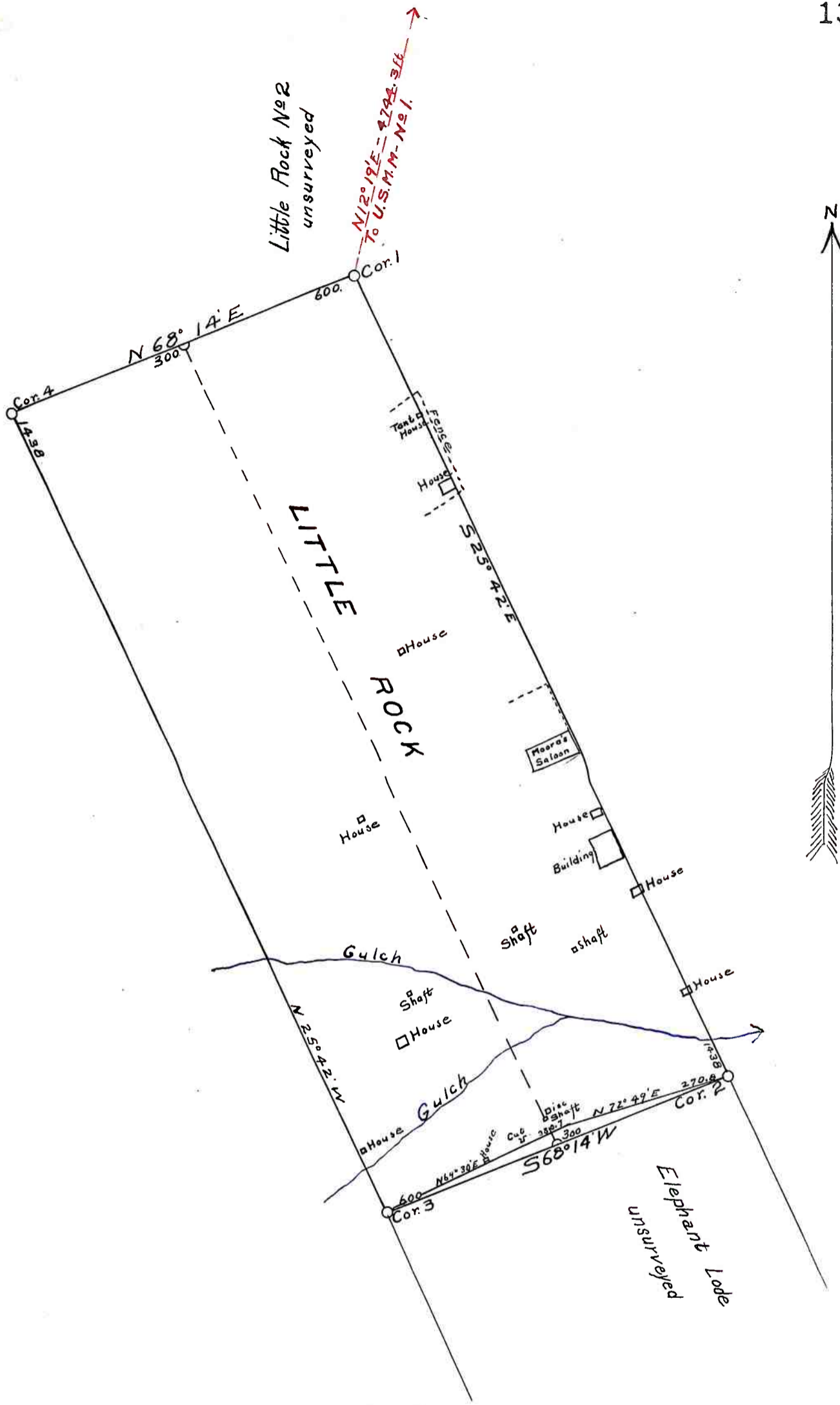
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant.. for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.



SURVEY No 2391
 GILA LAND DISTRICT
 Surveyed April 20-22, 1907
 By John A. Rockfellow
 U.S. Dep. Min. Surveyor
 SCALE: 200' = 1"