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MAR. 27. 1905

referred by court
4/8/05

(4-683.)

Mineral Survey No. 2016

Lol. No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

John J. Bullis

KNOWN AS THE

Teko and Iron King lodes

Aravaipa Mining District,

Graham County, Arizona

Section _____ Township 6 S, Range 20 E (unsurveyed)

Surveyed under instructions dated January 16th, 1905

by Philip Conzen
U. S. Deputy Mineral Surveyor.

Claim located see location notices

Survey commenced January 16th, 1905

Survey completed January 16th, 1905

4-180

P. O. Address of Claimant: -

Fort Sam Houston,
San Antonio, Texas

The lines on
areas
lodes

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Henry W. Higgins and Wiley M. Morgan do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of John L. Bullis

....., known as the Teko and Iron King situate in Aravaipa mining district, Graham County, Arizona in Section, Township No., Range No.

Henry W. Higgins, Chainman.
Wiley M. Morgan, Chainman.

Subscribed and sworn to by the above-named persons before me this 16th day of January, 1905

my Commission Expires Oct 25th 1908
Henry T. First Notary Public

I, Jesus Valdez, do solemnly swear that I will well and truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of John L. Bullis

known as the Teko and Iron King more fully described in the preceding affidavit.

Jesus Valdez, Axeman.

Subscribed and sworn to by the said Jesus Valdez before me this 16th day of January, 1905

Henry T. First Notary Public
my Commission Expires Oct 25th 1908

I, Aleck Gardner, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of John L. Bullis

known as the Teko and Iron King more fully described in the preceding affidavit.

Aleck Gardner, Flagman.

Subscribed and sworn to by the said Aleck Gardner before me this 16th day of January, 1905

Henry T. First Notary Public
my Commission Expires Oct 25th 1908

Witness to mark
J.P. Runtou

Teko Lode

Survey No 2016

Beginning at Cor. No 1, which is a mound of stone 2 1/2 ft base, 2 1/2 ft high. Identical with location

Set a pine post 4 x 4 ins. 3 1/2 ft long, 18 ins. in the ground, scribed T 1-2016, whence

U. S. Location Monument No 2006, bears S 28° 14' W 4755.4 feet.

A juniper 8 ins. diam., blazed and scribed 1-2016 B.T., bears S 34° E 32 ft. No other bearings available

Thence N 77° 30' E

Ta 13° E

40 North end center of Red Oak lode (unsurveyed), which is a mound of stone 2 1/2 ft. base 2 1/2 ft. high

240 Wash, 5 ft wide, course Westerly

300 South end center monument

which is a mound of stone 2 1/2 ft base, 2 1/2 ft high. Identical with location

340
500

N.E. cor. of Red Oak and N.W. cor. of Copper, Auburn lode which is a mound of stone 2 1/2 ft. base, 2 1/2 ft. high.
Cor. No 2

A pine post 4 x 4 ins., 3 1/2 ft. long 18 ins. in the ground, scribed T-2-2006, whence

Cor. of location, which is a mound of stone 2 1/2 ft. base, 3 ft high, bears S 3° W - 55 ft. dist.

No bearings available

Thence N 18° 9' E.

Ta 13° E

270 Gulch, course S.W

500 Top of ridge, bears N.E and S.W

1380.7 To Cor. No 3

Identical with location, which is a mound of stone 2 ft base, 1 1/2 ft high.

A pine post 4 x 4 ins., 3 1/2 ft. long 18 ins. in the ground, scribed T-3-2016
No bearings available

Thence $S 77^{\circ} 30' W$
By $13^{\circ} E$

300 North end center monument, which
is a mound of stone 4 ft. base
3 ft high. Identical with location
350 Gulch Creek, ^{20 ft wide} course S. S. W.

585 Gulch course South

600 To Cor. No 4, which is a mound
of stone, 2 1/2 ft base, 1 1/2 ft high
Identical with location.
Set a pine post 4 x 4 ins., 3 1/2 ft
long, 18 ins. in the ground
scribed 1-4-2016 whence
in oak 8 ins. diam., blazed and
scribed 1-4-2016 B.T. bears $N 33^{\circ} 45' E$
48.7 ft.

In oak 10 ins. diam., blazed and
scribed 1-4-2016 B.T. bears
 $S 10^{\circ} 30' E - 10.3 ft$

Thence $S 18^{\circ} 9' W$
By $13^{\circ} E$

850 Gulch Creek 20 ft. wide, course S. W.
1220 Gulch, course W
1320 Wash, 5 ft. wide, course West
1380.7 To Cor. No 1, the place of beginning

Iron King Lode

Beginning at Cor. No 1, identical
with Cor. No 4 of Toku lode, of this
survey. I mark post I.K. 1-2016,
whence U. S. Location monument
No 2006 bears $S 25^{\circ} 58' W$ 6119.4 ft.

Thence $N 77^{\circ} 30' E$
By $13^{\circ} E$

300 South end center monument, identical
with the North end center monument
of Toku lode of this survey
600 To Cor. No 2
Identical with Cor. No 3 of Toku
lode of this survey.
I mark post I.K. 2-2016

160 Thence $N 0^{\circ} 30' W$
 $\frac{1}{4} 13^{\circ} E$
 300 Gulch, course $N. W$
 1360.3 Julie Creek, 30 ft wide, course $S. W$
 To Cor. No 3
 A pine post, 4×4 ins., $3\frac{1}{2}$ ft long,
 set 18 ins. in the ground, scribed
 I.K. - 3 - 2016, whence
 A juniper, 30 ins. diam, blazed
 and scribed 3 - 2016 B.T., bears
 $N 43^{\circ} 45' W$, 25 ft
 A cedar, 12 ins. diam., blazed
 and scribed 3 - 2016 B.T., bears
 $S 38^{\circ} E$ 98.5 ft
 Location corner, which is a mound
 of stone 2 ft base 2 ft. high,
 bears $N 71^{\circ} E$ - 78 ft

Thence $S 77^{\circ} 30' W$
 $\frac{1}{4} 13^{\circ} E$
 303 North end center monument,
 which is a mound of stone
 3 ft. base, 2 ft. high
 550 Gulch, course South
 600 To Cor. No 4, identical with location
 A pine post 4×4 ins., $3\frac{1}{2}$ ft. long,
 18 ins. in the ground, scribed
 I.K. 4 - 2016
 No bearings available

Thence $S 0^{\circ} 30' E$
 $\frac{1}{4} 13^{\circ} E$
 1360.3 To Cor. No 1, the place of beginning
 Note - All cor. posts are surrounded by a mound of stone

Area -

Teke lode	-----	16.361 Acres
Iron King lode	-----	18.327 "
	Total	<u>34.688 Acres</u>

Location
 This claim is located in
 T. 6 S. R. 20 E (unsurveyed)
 and about 1 mile in an Easterly
 direction from the Aravaipa

Post Office, Aravaipa Mining
District, Graham Co., Arizona

Adjoining claims

The Teko lode is bounded on
the South by the Red Oak and
Copper Queen lodes, J. L. Bullis
owner. The Iron King lode is
bounded on the North by the
Aravaipa Queen lode, J. C. Benton,
owner.

Course of Veins

The presumed course of vein
of the Teko lode from the South
end center is $N 15^{\circ} 9' E$ ^{1380.7 ft} and the
presumed course of the Iron King
lode from the South end center
is $N 0^{\circ} 30' W$. 1360.5 ft

Improvements

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

Teko lode:

From Cor. No 2

Discovery Cut No 1, 4 x 4 ft, 15 ft long
bears $S 52^{\circ} 20' W$, 170 ft

Value \$ 50⁰⁰/₁₀₀

From Cor. No 4

Tunnel No 2, 4 x 6 ft, 95 ft long, course
 $S 70^{\circ} E$, bears $S 1^{\circ} 30' W$ 385 ft

Value \$ 600⁰⁰/₁₀₀

Shaft No 3, 4 x 6 ft, 60 ft deep,
bears $S 27^{\circ} 30' E$, 540 ft

Value \$ 500⁰⁰/₁₀₀

Shaft No 4, 4 x 6 ft, 40 ft. deep
bears $S 48^{\circ} 40' E$, 418 ft

Value \$ 400⁰⁰/₁₀₀

This shaft is being sunk for the benefit

of the Iron King lode and the work is credited to the same Iron King lode.

From Cor. No 1:

Discovery Incline Shaft No 1 -
4 x 6 ft, 20 ft. deep, course $N45^{\circ}W$,
bears $N21^{\circ}50'E$, 522 ft

Value \$150⁰⁰/₁₀₀

Cut No 2, 4 x 6 ft, 10 ft long, bears
 $N17^{\circ}45'E$ 355 ft

Value \$100⁰⁰/₁₀₀

Tunnel No 3, 4 x 6 ft, 25 ft long,
course $N45^{\circ}W$, bears $N51^{\circ}30'E$, 360 ft

Value \$100⁰⁰/₁₀₀

Instrument

This survey was made with a Young and Sons light mountain transit, with a Smith's solar attachment. The courses were deflected from the true meridian as determined by direct solar observations and Polaris observation. The distances were measured with 50 ft and 100 ft steel tapes.

Polaris observation

January 15th: 1905, At cor. No 1
Toko lode I observed Polaris at
11^h 41^m P. M., l. m. t., at western
elongation and I marked the line
with an iron rod set 300 ft
North of cor.

January 16th: At 7^h 15^m A. M.,
l. m. t., I deflected $1^{\circ}26'$ to the east
from the line marked on the ground.
From the meridian thus established
I deflected lines of survey.

Philip Contzen
U. S. Deputy Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Coutzen
 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 John L. Bullis
 known as the Teko and Iron King
 and showing the respective capacities in which they acted.

- Henry W. Huggins, Chainman.
- Wiley M. Morgan, Chainman.
- Jesus Valdez, Axman.
- Aleck Gardner, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Henry W. Huggins, Wiley M. Morgan, Jesus Valdez
 and Aleck Gardner, do solemnly swear that we assisted Philip
Coutzen, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of John L. Bullis

known as the Teko and
Iron King, 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

- Henry W. Huggins, Chainman.
- Wiley M. Morgan, Chainman.
- Jesus X. Valdez, Axman.
- Aleck Gardner, Flagman.

Witness to mark

J. B. Reutter

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

this 19th day of January, 1908

Henry J. Furst

My Commission Expires Notary Public

Oct 20th 1908

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Cantzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 16th 1905, 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 John A. Bullis, known as the Teko and Lou King, situate in Aravaipa Mining District, Graham County, Arizona, in Section —, Township No. 6 S, Range No. 20 E (unsurveyed), and designated as Survey No. 2016, 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.

Philip Cantzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Cantzen
U. S. Deputy Mineral Surveyor, before me Henry T Firth
a Notary Public this 19th
day of January 1905.

Henry T Firth
Notary Public

My Commission Expires Oct 20th 1908.

Affidavit of Five Hundred Dollars Improvements.

We, Henry W. Huggins and Wiley M. Morgan

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the Tekond Iron King mining claim,

situate in Aravaipa Mining district, Graham County,

Arizona Territory, for which John D. Bullis

has 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 improve-

ments made thereon by the applicant and his grantors exceed Five Hundred

Dollars in value for each claim, and further that we are not personally interested in said mine.

Henry W. Huggins
Wiley M. Morgan

TERRITORY OF ARIZONA,

County of Graham } ss:

Sworn to and subscribed before me, this 19th

day of January, 1905



Henry J. List

Notary Public

My Commission Expires Oct 20th 1908

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN: That the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10, 1872, have this day located and claim 1500 hundred linear feet along the course of this lead or lode or vein of mineral bearing quartz and 300 feet in width on each side of the middle of said ^{Lead or} lode or vein, situated in the Aravaipa Mining District, County of Graham Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the North end of claim and upon which this notice is posted; thence West 300 feet to a monument of stones; thence South East 1500 feet to a Monument of stones; thence East 300 feet to a monument of stones, being the center of South end of claim; thence East 300 feet to a monument of stones; thence North East 1500 feet to a monument of stones; thence West 300 feet to place of beginning.

This claim is situated in Arivipia District Two hundred yards East of Tuly Springs and joins the Dasey Mine on the East and shall be known as the TEKO Mine.

Located January the 1, 1892.

James Lilly) G.H. Lawrence.

Recorded Jan 14, 1892 at 2 oc P.M. at the request of G.H. Lawrence.

H.J. Dowdle, Co. Recorder.

Recorded in Book 7 of Records of Mines, at page 210.

TERRITORY OF ARIZONA.)
 COUNTY OF GRAHAM.) SS.

I, MIT SIMMS, County Recorder in and for the County of Graham Territory of Arizona, do hereby certify that I have carefully compared the within and foregoing (made by Fred Dysart and consisting of one page besides this one) with the records in my office and find the same to be a full, true and correct copy of the therein mentioned Location Notice, as the same appears of record in the office of the County Recorder of Graham County, in the Territory of Arizona. And I further certify that the same is recorded in Book 7 of Records of Mines, at page 210.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 21st day of November, A.D. 1904.

Mit Simms
 County Recorder.

NOTICE OF MINING LOCATION.

QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN: This mining claim the name of which is the IRON KING 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 purpose of exploration and purchase by John L. Bullis the undersigned, on the 24 day of March 1897.

The length of this claim is 1500 feet and ___ claim with 600 feet in a Southrley Northly direction and Southrley 450 feet in a Northley 1050 feet ___ 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 ___ Southrly to the Nortley.

The claim is situated and located in Aravaipa mining District in Graham County in the Territory of Arizona, about 1/4 mile in a Northley direction from tulie Springs.

The surface boundaries of the claim are marked upon the ground as follows; Beginning at ___ at a point in a Southrley direction 450 feet from the discovery shaft (at which this notice is posted) being in the center of the South end line of said claim; thence Eastrley 300 feet to a monument stone, being the Southeast corner of said claim; thence Northly 750 feet to a monument stone, at the center of the East side line of said claim; thence Northley 750 feet to a monument stone being at the Northeast corner of said claim; thence Westrley 300 feet to a monument stone, at the ~~XXX~~ center of the Northend of said claim; thence Westrley 300 feet to a monument stone, being at the Northwest corner of said claim;

thence Southrley 750 feet to a monument stone, being at the center of the West side line of said claim; thence Southrley 750 feet to a monument stone at the Southwest corner of said claim; thence Eastrley 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 Concern ing mines" approved March 20th 1895.

Dated and posted on the ground this 24 day of March, 1897.

Joh n L. Bullis.

Witness. This Finnican, Georg Scully.

Recorded at 12 o'clock A.M. 5/25/1897 at the request of Thos. Finnican.

P. Michelena, Recorder.

Recorded in Book 9 Records of Mines, at pages 227 & 228.

TERRITORY OF ARIZONA.)
 COUNTY OF GRAHAM.) SS.

I, MIT SIMMS, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and ^{forgoing} ~~following~~ (made by Fred Dyzert and consisting of two pages besides this one) is a true, full and correct copy of the within mentioned LOCATION NOTICE, as the same appears of record in the office of the County Recorder of Graham County, Arizona Territory. And I further certify that the same is recorded in Book 9 at pages 227 v. 228.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official SEAL, this the 20th day of January, A.D. 1905.

Mit Simms
 County Recorder.

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.

May 6, 1905

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of John L. Bullis,

known as the Teko and Iron King lodes.

situate in Aravaipa Mining District, Graham County, Arizona.

in Section -----, Township No. 6 S., Range No. 20 E. unsurveyed, designated as Survey No. 2016

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, Jan. 16th 1905, 1905, under my instructions dated

Jan. 16th 1905, 1905, have been critically examined and the necessary cor-

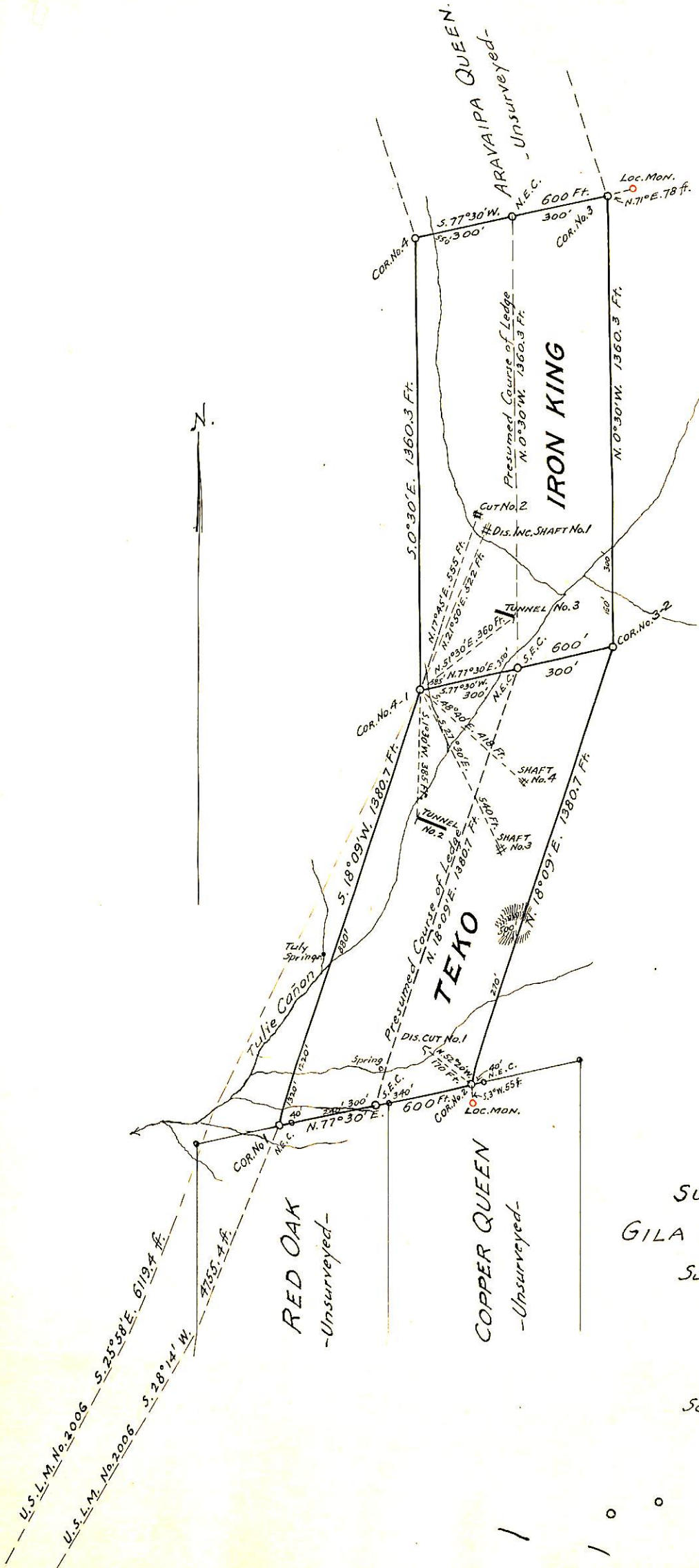
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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.

Frank A. ...

U. S. Surveyor-General for Arizona.



SURVEY No. 2016
 GILA LAND DISTRICT
 Surveyed Jan. 16, 1905
 by PHILIP CONTZEN
 U.S. Dep. Min. Surveyor.

Scale: 1 Inch = 400 Feet.