

MINERAL SURVEY No. 4066

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Oliver H. Smith

KNOWN AS THE

LINE LINE NO. 1 lode.

Comobabi

Mining District,

Pima

County,

Arizona.

Section 12, Township T. 15 S., Range 5 1/2 E., Unsur.

Surveyed under instructions dated April 28, 19 28

by J. N. Stevens

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced May 8, 19 28

Survey completed May 9, 19 28

Address of claimant Oliver H. Smith
Route 3, Box 329, Tucson, Arizona.

DATES OF AMENDED LOCATIONS.

See location notices.

Feet.

MINERAL SURVEY NO. 4066

MINIE MINE No.1 lode.

Beginning at Cor. No.1, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground set 18 ins. in the ground, stamped 1 M.M. No.1 - 4066 with md. of stone alongside, whence U.S. L. M. No. 4066 brs. N.67°14'E., 253.95 ft.

No other bearings are available.

Thence S. 34°51'W.,
Va. 13°45'E.,

300.0

To E. end center, identical with Loc. Mon.

A pine post 4 x 6 ins., 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high, scribed E. Cr. M.M. NO.1

600.0

To Cor. No.2, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2 M.M. No.1 - 4066 with md. of stone alongside.

No bearings are available.

Thence N.55°09'W
Va. 13°45'E.

1500.0

To Cor. No.3, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 3 M. M. No.1 - 4066 with md. of stone alongside.

No bearings are available.

Thence N. 34°51'E.
Va. 13°45'E.

300.0

To W. end center, identical with Loc. Mon.

A mesquite post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high scribed W. Cr. M. M. No.1

600.0

To Cor. No.4, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 4 M.M. NO.1 - 4066 with md. of stone alongside.

Feet.

MINERAL SURVEY NO. 4066

MINIE MINE NO.1 lode. - Cont'd.

No bearings are available.

Thence S.55°09'E.

Va. 13°45'E.

1500.0

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

LODE LINE.

As near as can be determined from the present developments, the vein of the location embraced in this claim, extends as follows from its discovery.

Minie Mine No.1 lode 100.0 ft. S.55°09'E. and 1400 ft. N.55°09'W.

Area.

Acres.

Total area, Minie Mine No.1 lode ----- 20.661

LOCATION.

This survey is located approximately in the S.W. 1/4 Sec. 12 T.15S. R. 5¹/₂E., Unsurveyed.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or his grantors is not less than five hundred dollars and that said improvements consist of:

No.1, the discovery shaft of the Minie Mine No.1 lode, the center of which being the discovery point, on the center line 100 ft. from the center of line 1-2, 4 x 6 ft. 10 ft. deep.

Value \$100.00

No.2 A tunnel, the mouth of which is on the center line, 34 ft. from the center of line 1-2, 4 x 6 ft. running N. 69° W., 115.0 ft. to face.

Value \$1150.0

No.3 A cut, the face of which brs. from Cor. No.1 S.86° W., 580.0 ft. 4 ft. wide, 8 ft. face running north 18 ft. to mouth.

Value \$100.0

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

MINERAL SURVEY NO. 4066

REPORT

The lode line of the location of this claim was run directly upon the ground, and the corners were established by running around the claim.

U.S. L.M. No.4066 consists of an iron ^{pipe} 2 ins. diam. by 10 ft. high, set 18 ins. in the ground and surrounded with md. of stone 6 ft. base by 4 1/2 ft. high, stamped U.S. L. M. No. 4066 - C.M. D.

Adjoining claims.

On the east by Linie Mine No.2 lode, unsurveyed belonging to claimant herein. No other adjoining or conflicting claims known.

SOLAR OBSERVATION.

Direct solar observation taken Tuesday May 8, 1928 at 8 : 53 AM Solar time. Sun bisected. Lat. 32°08' - Lon. 111°48' Difference in time 4 h 20 m.

App't. Declination	17° 05' 48.8 "	Sin 1/2 A = $\sqrt{\frac{\sin(S-L)(S-H)}{\cos L \cos H}}$
	2' 56.2"	
	17° 08' 45 "	
P = 90° - Dec'l -	90°	
	72° 51' 15 "	

L = 32°08'
H = 45°06' 03" (Appt H - 45°07'. Refraction = 0° 00' 58")
P = 72°51' 15"
2) 150°05' 18"
S = 75°02' 39"

S-L = 42°54' 39"	9.8330574	
S-H = 29°56' 36"	9.6982253	
	0.0722127	
	0.1512806	
2)	19.7547760	
	9.8773880	48°56' 26" = 1/2 A
		97°52' 52" = A.

180° - 97° 52' 52" = S.82° 07' 08" E = bearing of sun.
116° 58' 30" = Ang. to right from sun.
S 34° 51' 00 W., Course of line

Set up at Cor. No.1, F.S. to Cor. No.2

do not include in transcript

MINERAL SURVEY NO. 4066

FIELD NOTES - U.S.L.M. No.4066.

Comobabi mining District

Pima County, Arizona.

On the summit of a high ridge on the east slope of the North Comababi range at an elevation of about 4000 ft. above sea level and overlooking the surrounding country I dug a hole 18 ins. deep in the solid formation. Over the center of this hole I carefully leveled my transit, whence (Va. $13^{\circ}45'E.$, by direct solar observation)

The highest point in the Santa Rosa Mts. brs. $N.17^{\circ}46'W.$, about 16 miles. The highest peak in the Slate Mts. brs. $N.11^{\circ}56'W.$, about 30 miles. A high peak in the Saw Tooth range brs. $N.0^{\circ}19'E.$, about 34 miles. The Summit of Mt. Lemmon in the Catalina range brs. $N.69^{\circ}49'E.$ about 64 miles. The $1/4$ Cor. bet Secs. 8-9, T. 15S., R. 6 E. brs. $N. 86^{\circ}11'E.$, 14,269.5 ft.

Rincon peak in the Rincon Mts. brs. $S. 89^{\circ} 42'E.$ about 72 miles.

The Santa Rosa Ranch near the E. $1/4$ Cor. Sec. 13 T.15S. R. 6 E. brs. $S.83^{\circ}25'E.$, about $6 \frac{3}{4}$ miles. The highest point in the Coyote mts. brs. $S. 60^{\circ}16'E.$, about 19 miles.

I now remove transit and set an iron pipe 2 ins diam. by 10 ft. high in its position and surround same with a md. of stone 6 ft. base by $4 \frac{1}{2}$ ft. high, stamped U.S. L. M. No.4066 - C. M. D.

T. N. Stevens

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens
 United States 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 _____
Oliver H. Smith
 known as the MINIE MINE NO. 1 lode
 and showing the respective capacities in which they acted.

L.J. Booher _____, *Chainman.*
 _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, L.J. Booher,
 and _____, do solemnly swear that we assisted
T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Oliver H. Smith
 known as the MINIE MINE NO. 1 lode
 represented in the foregoing field notes as having been surveyed by said 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 instruc-
 tions furnished by the ~~United States Surveyor-General~~ OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona.

L.J. Booher _____, *Chainman.*
 _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 15

day of May, 1928

[Signature]
My commission expires [Signature]
 2-27-30

FINAL OATH OF U. S. MINERAL SURVEYOR

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Ariz., dated April 28, 1928, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Oliver H. Smith, known as the MINIE MINE NO.1 lode, situate in Conobabi Mining District, Pima County, Ariz., in Section 12 Uns., Township No. 15 S. E., Range No. 5 E., UN5UR, and designated as Survey No. 4066, 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 Office Cadastral Engineer with said instructions, and that all 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.

T. N. Stevens
 U. S. Mineral Surveyor.

Subscribed and sworn to by the said T. N. Stevens
 U. S. Mineral Surveyor, before me Mabelle Hess, Notary Public
Pima County, Arizona this 15th
 day of May, 1928

My Commission expires February 7, 1932.

Mabelle Hess
 Notary Public

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

Department of the Interior, PUBLIC SURVEY OFFICE OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 1, 1928

I, U. S. Surveyor-General for OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona,

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

Oliver H. Smith

known as the MINIE MINE NO. 1

situate in Comobabi

Mining District, Pima County, Arizona

in Section 12, Township No. 15 S., Range No. 5 E., Unsur., and

designated as Survey No. 4066, 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 1 shaft, 1 cut, and 1 tunnel, total value \$1350.

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.

John D. Adams

United States Surveyor-General for OFFICE CADASTRAL ENGINEER

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

**DEPARTMENT OF THE INTERIOR
OFFICE OF U. S. SURVEYOR GENERAL
PUBLIC SURVEY OFFICE**

Phoenix, Arizona,

June 1, 1928

I, U. S. Surveyor General for OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona,

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

Oliver H. Smith

, known as the

MINIE MINE NO. 1 lode

situate in Comobabi mining district,

Pima County, Arizona

in Section 12, Township No. 15 S., Range No. 5 1/2 E., Unsur.

, designated as Survey No. 4066.

executed by T. N. Stevens, U. S. Mineral

Surveyor, May 8 - 9, 1928, under my instructions dated

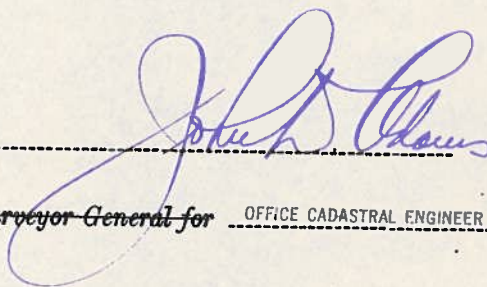
April 28, 1928, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.



U. S. Surveyor General for OFFICE CADASTRAL ENGINEER