

**MS**

**0**

**1**

**6**

**0**

**0**

R. Sept 23 1901

C

(4-683.)

Mineral Survey No. 1300

Lot No.

File

Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. J. Salsbery

KNOWN AS THE

Morning Star and Seven West Lode

Situated in the Warren Mining District, Mining District,

Cochise County, Arizona Territory, approximately in

Section 14, Township No. 35 South, Range 10 East, Salt River Base and Meridian.

Surveyed under instructions dated September 15th, 1901

by E. O. Clark, U. S. Deputy Mineral Surveyor

Claim located January 15th, 1897 South West - January 18 3d, 1898 Morning Star.

Survey commenced September 15th 1901, 18 .

Survey completed September 15th 1901, 18 .

4-100

Claimants Address: - Bisbee, Cochise County Arizona Territory.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Jacob Pirrung and Edward Grenfell,  
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 L. C. Shattuck  
....., known as the  
Morning Star and South West  
situate in Warren mining district,  
Cocaine County, Arizona Territ. County, Approximately (unsurveyed)  
in Section in, Township No. 23 S, Range No. 34 E. 6110 Salt River B & M.

Jacob Pirrung Chainman.  
Edward Grenfell Chainman.

Subscribed and sworn to by the above-named persons before  
me this 13th day of September 1818

A. K. Williams  
Notary Public  
My Commission Expires November 30th. 1904

I, ....., 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 .....

known as the .....,  
more fully described in the preceding affidavit.

....., Axeman.

Subscribed and sworn to by the said .....,  
..... before me this ..... day of  
....., 18 ..

I, ....., 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 .....

known as the .....,  
more fully described in the preceding affidavit.

....., Flagman.

Subscribed and sworn to by the said .....,  
..... before me this ..... day of  
....., 18 ..

## MORNING STAR LODE

FEET

No.1600

	Beginning at cor.No.1,the N.E.corner, A pine post 4 ft.long,4 ins.sq.set 1 foot in the ground in a mound of stones & scribed 1-1600-M.S.L. Whence original location bears N 81°43'E,110 ft. & a limestone outcrop ,course N.E.& S.W.,chiseled on apex 3.2 ft above the ground×1-1600.BR bears S 88°15'E 201.3 ft,& U.S.M.M. No.4 bears 169°24'30"E,5382 ft. Thence S 23°50'E
74.8	To cor.No.3 Leo Lode No.1282,
300	Same bearing to E end,center, A pine post 4 ft.long,4 ins.sq.set over a x chiseled in bed rock,in a mound of stones and scribed 1600 M.S.L. Whence original location bears N 83°29'E,30 ft.
300	Same bearing to cor.No.2,the S.E.cor., A pine post 4 ft.long,4 ins.sq.set <sup>CHISELED 2-1600-N-S-L</sup> in a mound of stones over a cross (x) chiseled in limestone outcrop, Thence cor.No.2 Leo Lode No.1282 bears S 23°50'E 33.3 ft and a point in limestone outcrop above mentioned chiseled ×2-1600.BR bears N 87°12'E 33.4 ft. and original location bears S 88°17'E 53ft. Thence N 89°30'W
750	To S side center,a mound of stones identical with location,
1500	Same bearing to cor.No.3,the S.W.corner, A pine post 4 ft long,4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 3-1600-M.S.L. Whence a rock in place 1.3×2.1×2.3 ft chiseled × 3-1600 B.R. bears N 27°W 47.3 ft Thence N 23°50'W
300	To west end center A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 1300 M.S.L. Whence original location bears N 83°44'W 17ft.
300	Same bearing to cor.No.4,the N.W.corner A pine post 4 ft long,4 ins.sq.set 1 ft in the ground in a mound of stones & scribed 4-1600 M.S.L. Whence a rock in place 2.6×3.1×3.3 ft. chiseled ×4-1600-B.R. bears S 89°30'E 20 ft and original location bears N 88°10'W, 41 ft. Thence S 89°30'E
23	to cor.No.3 ,South West Lode of this survey
323	Same bearing to S end center same lode
623	Same bearing to cor No.2,same lode

## MORNING STAR LODE No. 1800 (cont.)

FEET

- |      |  |
|------|--|
| 923  | Same bearing to N side center, a mound of stones identical with location & with S side center Copper Rock Lode Unsurveyed, |
| 1223 | Same bearing to S E cor. unsurveyed Copper Rock Lode, & S W cor. unsurveyed Iron Prince Lode                               |
| 1500 | Same bearing to cor. No. 1, the place of beginning.  |

## -----LEDGE-----

The presumable course of the mineral bearing ledge on this claim, as nearly as can be determined, is N 89°30'W 1500ft from E end center monument

## SOUTH WEST LODE

No. 1600

5

FEET

Beginning at cor. No. 1 identical with location & with the N W cor. of the unsurveyed Copper Rock Lode,  
 A pine post 4 ft long, 4 ins sq. set 1 ft. in the ground in a mound of stones and scribed, 1-1600-S W L.  
 Whence cor. No. 3 Uncle Sam Lode No. 971 bears S 89°30'E 134.2 ft, and a rock in place 2.1x3.4x3.9 ft, chiseled x1-1600B.R. bears S 29°38'W 29.7 ft & U.S.M.M. No. 4 bears N 82°46'30"E 5069.5ft,  
 Thence S 37°28'W

750 To E side center, a mound of stones identical with location  
 1500 Same bearing, to cor No. 2 the S.E. cor, identical with location & with the S.W. cor. of the unsurveyed Copper Rock Lode,  
 A pine post 4 ft long, 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed, 2-1600-S.W.L.  
 Whence a rock in place 2 ft sq. & level with the surface chiseled x-2-1600-B.R. bears S 2°41'W 97.6 ft.  
 Thence N 89°30'W

300 To S end center, identical with location,  
 A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones & scribed 1600- S.W.L.,

600 Same bearing to cor No. 3, the S.W. cor. identical with location  
 A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed, 3-1600- S.W.L.  
 Whence a rock in place 2.6x3.1x3.8ft chiseled, x3-1600-B.R. bears N 89°30'W 3 ft. & cor. No. 4 Morning Star Lode of this survey bears N 89°30'W 23ft.  
 Thence N 37°28'E

750 To W side center, a mound of stones identical with location  
 1500 Same bearing to cor No. 4, the N W cor. identical with location  
 A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones & scribed 4-1600-S.W.L.  
 Whence a rock in place 1.5x2.1x2.3 ft. chiseled x4-1600-B.R. bears N 66°21'W 29 ft. & U.S.M.M. No. 4 bears N 83°35'E 5364.3 ft.  
 Thence S 89°30'E

300 To N end center, identical with location,  
 A pine post 4 ft. long, 4 ins. sq. set in a mound of stones and scribed 1600 S.W.L.

300 Same bearing to cor. No. 1, the place of beginning.

————— LEDGE —————  
 The presunable course of the mineral bearing vein, as determined from outcrop & development work, is S. 37°28'W 1500 ft. from the N end center monument.

## IMPROVEMENTS

I certify that the value of the labor and improvements on this group, placed thereon by the claimant or his grantors, is not less than Five Hundred Dollars for each claim thereof, and that said improvements consist of:-

	SOUTH WEST LODGE	VALUE
No.1	Discovery shaft 4x3x10 ft bears from N end center S 37°23'W 550 ft.	\$ 100.00
No.2	Open cut 4x24x12 ft., course N 2°E bears from same point S 14°32'W 390 ft.	120.00
No.3	Open cut 4x13x12 ft, course N 31°10'E, bears from cor.No.3 N 33°45'E 616 ft.	100.00
No.4	Tunnel, 4x3x25 ft. course N 31°33'E bears from same point N 37°5'E 343 ft.	230.00
	Total improvements S.W. Lodge	3580.00
	MORNING STAR LODGE	
No.1	Discovery cut 4x13x12 ft, course N 3°23'E, bears from E end center S 86°41'W 242 ft.	120.00
No.2	Open cut 4x12x12 ft, course N 2°17'E bears from same point N 35° 0' W 395 ft.	100.00
No.3	Open cut 4x10x10 ft, course N 2°12'E bears from cor.No.2 N 33°23'W 443 ft.	75.00
No.4	Open cut 4x13x14 ft, course N 1°11'W, bears from cor.No.2 N 37°53'W, 695 ft.	150.00
No.5	Open cut 4x13x15 ft, course N 1°23'W bears from same point N 39°12'W 723 ft.	125.00
	Total improvements for Morning Star Lodge	3570.00
	Total improvements for group	31150.00

ADJOINING CLAIMS

ON THE NORTH:-

Uncle Sam Jr., unsurveyed claim;-Clark & Perring, owners.

ON THE EAST:-

Copper Rock & Iron Prince, unsurveyed claims, owned by applicant herein.

Leo Lode No. 1282, Martin Costello, owner.

ON THE SOUTH:-

Chicago Group, F.C. Fenner et al, owners.

ON THE WEST:-

Warren Lode, unsurveyed : Clark & Perring, owners.  
George Lode, " :  
:

----- LOCATION -----

This claim is located about one mile S Easterly from Bisbee in the Warren Mining District, Cochise Co. Ariz. Territory on unsurveyed lands, approximately in Township No. 23 South, Range No. 24 East, Gila & Salt River Base & Meridian,

===== INSTRUMENT =====

The survey was made with a Gurley Light Mountain Transit. The courses were deflected from the true meridian as determined by direct solar observations, checked by an observation on Polaris.

All distances were measured with a 300 ft. steel tape.

MAGNETIC VARIATION --- 11°52'E.

Total and net area Morning Star - - - 18.826 acres  
" " " " South West - - - 16.508  
35.333

Geo. O. Clark

U.S. Deputy Mineral Surveyor.

Bisbee, Cochise Co., Arizona.

Sept 16th, 1901.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark  
 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 L. C. Shattuck  
 known as the Morning Star and South West  
 and showing the respective capacities in which they acted.

Edward Grenfell, Chairman.  
Jacob Pirrung, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Edward Grenfell  
 and Jacob Pirrung, do solemnly swear that we assisted  
Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of L. C. Shattuck  
 \_\_\_\_\_, known as the  
Morning Star and South West, 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 Territory.

Edward Grenfell, Chairman.  
Jacob Pirrung, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 14th day of September, 1901, 1

A. N. Williams  
 Notary Public

My Commission Expires November 30th.  
 1904

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo. C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona Territory, dated September 11th 1901, 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 E. O. Shattuck, known as the South West and Morning Star, situate in Warren Mining District, Coconino County, Arizona Territory County, approximately in Section (unsurveyed), Township No. 23 S, Range No. 24 E, Gila & Salt River B. & N., and designated as Survey No. 1300, 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.

Geo. C. Clark

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark

U. S. Deputy Mineral Surveyor, before me

this 16th

day of September 1901

S. H. Williams
Notary Public

My Commission Expires November 30th 1904

# Affidavit of Five Hundred Dollars Improvements.

We, Edward Grenfell, and Jacob Pirrung

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the South West and Morning Star mining claim, situate in Warren Mining District, Coconino County, Arizona Territory, for which L. C. Shattuck

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 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.

X Edward Grenfell  
X Jacob Pirrung

TERRITORY OF ARIZONA, }  
County of Coconino } ss:

Sworn to and subscribed before me, this 10th

day of September, 1901

S. K. Williams  
Notary Public

My Commission Expires November 30 th. 1904

Notice of Mining Location.

notice is hereby given, that the undersigned, in compliance with 11  
the mining Act of Congress, approved May 10th, and of the laws of  
Arizona Territory, has this day located 1500 feet along the course  
of this lead, lode or vein of mineral bearing rock, being about  
250 feet in Northerly direction, and 1250 feet in southerly direc-  
tion, from the center of the discovery shaft, where this notice is  
posted, together with three hundred feet in width of the surface  
ground on each side of the middle of said lead, lode or vein, sit-  
uate in the Warren Mining District Cochise County, Arizona Terri-  
tory, and more particularly described as follows, to-wit:

Commencing at a monument of stones about 250 feet in Northerly  
direction from center of said discovery shaft, being the center end  
*monument of North end*  
of claim; thence in easterly direction 300 feet to a monument of  
stones, the north east corner of the claim; thence in southerly  
direction 750 feet to a monument of stones, the center of east side  
boundary line of claim, thence in same direction 750 feet to a mon-  
ument of stones, the south east corner of claim, thence in westerly  
direction 300 feet to a monument of stones, the center end mona-  
ment of south end of claim; thence <sup>in</sup> same direction 300 feet, to a  
monument of stones, the south west corner of claim; thence in  
northerly direction 750 feet, to a monument of stones, the south  
center of east side boundary line of claim; thence in same direction  
750 feet to a monument of stones, the North West corner of claim;  
thence easterly direction 300 feet to place of beginning, the first  
mentioned center end monument of claim. This claim is situated about  
one and one fourth miles south of the town of Bisbee on top of one  
of the highest line mountains in the vicinity and is bounded on the  
North West by the Iron prince Mining Claim, and shall be known as the  
Morning Star mine Located Jan'y 3rd, 1890,  
Witness L. C. Shattuck ) P. A. Owens.

Filed and recorded at request of Adam Owens, May 30th A. D. 1890, at  
1 P. M. Book 9 page 511 Cochise County Records.

A. Wentworth  
County Recorder.

Territory of Arizona, )  
 ) SS.  
 County of Cochise. )

I, Frank Ware County Recorder in and  
 for said county, do hereby certify that the foregoing,  
 location notice of the "Lanning Star" mining claim, recorded  
 book 9 page 611, record of mines, situated in the Warren  
 Mining District, Cochise County, Arizona Territory; is a full,  
 true and correct copy as the same appears of record in my  
 said office.

Witness my hand and official seal, this 24th day of September  
 A D 1901.

*Frank Ware*

County Recorder.

# Notice of Mining Location.

Quartz, ~~LODE~~ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Santa Fe 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 Francis A. Owens

(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 15th day of January 1897 190

The length of this claim is 1500 feet, and said claim 600 feet in a Northerly direction, and 900 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 northerly to the southerly

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 1 mile in a ~~north~~ southerly direction from the town of Bisbee.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at this monument of stone, adjoining the Copper Rock at the north-west corner, at a point in a northerly direction about 600 feet from the discovery shaft (at which this notice is posted), being in the center of the northerly end line of said claim; thence 300 feet to a monument of stone, being the north west corner of said claim; thence 750 feet to a monument of stone at the center of the Westerly side line of said claim; thence 750 feet to a monument of stone, being at the South westerly corner of said claim; thence easterly 300 feet to a monument of stone at the center of the southerly end of said claim; thence easterly 300 feet to a monument of stone, being at the corner of said claim; thence northerly 750 feet to a monument of stone, being at the center of the Easterly side line of said claim; thence easterly 750 feet to a monument of stone at the Easterly corner of said claim; thence Westerly 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 Concerning Mines," approved March 20th, 1895, and amended ~~March 2d, 1899.~~

Dated and posted on the ground this 15th day of January 1897 190

Witness, J. B. Besner.)

Francis A. Owens

Filed and recorded at request of F. A. Owens April 1st, A. D. 1897, at 9 A. M. Book 14 page 199, Cochise County Records,

M. J. Brown,

County Recorder.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,..... M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

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

County Recorder.

Notice of Location.

LODE CLAIM.

Dated.....190.....

Filed and recorded at request of.....

A. D. 190.....

at.....M.

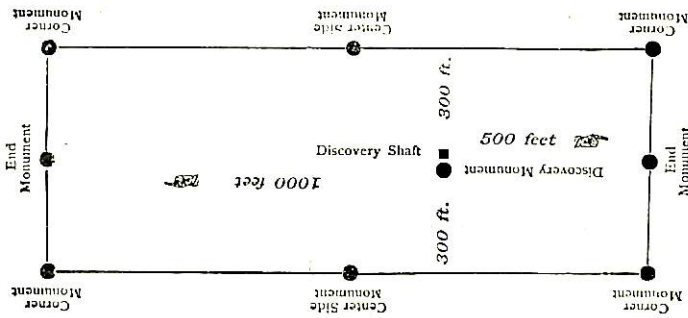
Book.....

Pages.....

County Recorder.

By.....Deputy Recorder.

THE H. H. McNEIL CO., PRINTERS, PHOENIX, ARIZONA.



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.

Territory of Arizona, )  
 County of Cochise. ) SS.

I, Frank Hare County Recorder in and for  
 said County, do hereby certify that the foregoing, location  
 notice of the "South West" mining claim, recorded in Book 14  
 page 199, Records of Mines, situated in the Warren Mining District  
 Cochise County, Arizona Territory; is a full, true and correct  
 copy as the same appears of record in my said office.  
 Witness my hand and official seal, this 4th day of September  
 A D 1901.

*Frank Hare*

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,

*Tucson, Arizona*

*January 8*, 190*7*

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 *L. C. Thattuck*

....., known as the *Morning Star and South West lodes*, situate in *Warren* mining district,

*Cochise* County, *Arizona*,

in Section *~*, Township No. *~*, Range No. *~*

....., designated as Survey No. *1600*

executed by *George E. Clark*, U. S. Deputy Mineral

Surveyor, *Sept. 12-15*, 190*7*, under my instructions dated

*Sept. 11*, 190*7*, 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. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

*Hugh H. Price*

U. S. Surveyor General for *Arizona*

# MORNING STAR GROUP

## 1600



*Uncle Sam*  
971

*Uncle Sam Jr.*

U.S.M.M. N. 4 N 83° 35' E  
5664.6 FT.

U.S.M.M. N. 4 N 82° 46' 30" E 5069.5 FT

589° 30' E  
134.2'

*Warren*

**SOUTH WEST**

*Copper Rock*

*Iron Prince*

ORIG. LOC. N 88° 10' W 41'  
N 87° 28' E  
N 63° 45' E  
N 67° 5' E  
N 89° 30' W  
616  
648  
N 37° 28' W  
N 37° 28' W

**MORNING STAR**

U.S.M.M. N. 4 N 69° 24' 30" E  
5382 FT

*George*

ORIG. LOC. N 83° 44' W 172'  
N 30° 5' W  
N 89° 30' W  
1500

**Leo**  
1282

*Chicago Group*

Blaine Cochise County Arizona  
September 13th. 1901

*Geo. C. Clark*  
J. S. Deputy Mineral Surveyor.