

**MS**

**01993**

*Copied by [unclear] 3/23/05*

NOV 28 1904

FEB 16 1905

(4-683.)

Mineral Survey No. 1993.

Lot No. \_\_\_\_\_

*Sila*

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

*Calumet and Pittsburg Mining Co. J.M. O'Connell atty*

KNOWN AS THE

*Calumet.*

*situate in Warner* Mining District.

*Cochise* County, *Arizona*

Section *approx.*, Township *23 S*, Range *24 E* ~~*24 E*~~

Surveyed under instructions dated *October 7th*, 1904

by *Franklin W. Smith*

U. S. Deputy Mineral Surveyor.

Claim located *see notices* . 1

Survey commenced *October 12th*, 1904.

Survey completed *October 14th*, 1904

Post Office address of claimants  
attys: *Bisbee Cochise County Arizona*

*See lined [unclear] note*

*Sledge - O.K.*

*Areas O.K.*

*3/23/05*

*April 6, reply asked for report on this claim*

*Write to Deputy about the line of [unclear]*

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Frank Raboth and Fred Hauenstein, 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 Calumet and  
Pittsburg Mining Co. J.M.O. Council  
known as the Calumet attys.  
situate in Marion mining district

Cochise County, Arizona  
in Section appx, Township No. 23S, Range No. 24E Trans. S. R. B. & M.

Frank Raboth, Chairman.  
Fred Hauenstein, Chairman.

Subscribed and sworn to by the above-named persons before me this 11 day of October, 1902

Coro E. Smith

I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of axman, 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.

\_\_\_\_\_, Axman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_

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 \_\_\_\_\_, 190\_\_\_\_

CALUMET.  
Survey No. 1993.

Feet

Beginning at Cor.No.1, the NW. cor., on the point of intersection of line 2-3 Delmar lode, Survey No.1410 with line 2-3 Harrison lode, Survey No. 1410, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 1-1993 C L, whence Cor.No.1 Higgins lode, Survey No.1410 situated on line 2-3 Harrison lode and identical with Cor.No.4 Del Norte lode, Survey No.1478 brs . S. 27° 44' E. 246 ft. and U S M M No. 4 Warren Mining District brs. N. 21° 34' W. 3822.2 ft, and original location brs. N. 01° 12' W. 22.0 ft.

Thence N. 71° 41' E.

38.75 along line 3-2 Delmar lode, Survey No.1410 to Cor No.2, identical with Cors.No.2 and 3 respectively of Delmar lode, Survey No.1410 and Del Norte lode, Survey No.1478, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 2-1993 C L, whence a pine post of same dimensions and scribed W.C.2-1993 brs.S.77° 19' 30" E 25 ft. and a second pine post of same dimensions and scribing brs. N. 77° 19' 30" W. 25 ft. and Cor No 4 ~~Del Norte~~ lode, identical with Cor No.1 Higgins lode brs S. 18° 40' E 242.7 ft.

Thence S. 77° 19' 30" E.

449.8 to Cor No.3, identical with Cor.No.6 Del Norte lode Survey No.1478, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 3-1993 C. L., whence a pine post of same dimensions and scribed 3-1993 brs S. 77° 19' 30" E. 25 ft., and a second pine post of same dimensions and scribing brs. N. 77° 19' 30" W. 25 ft. and Cor No. 5 Del Norte lode, Survey No.1478 ~~situated on line 1-2 Higgins lode, Survey No.1410~~ brs.S. 66° 06' W. 135.3 ft. and Cor No 2 Higgins lode, situated on line 2-3 Hardscrabble lode, Survey No.1026, brs. S. 12° 39' E. 15200 ft. and a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones

*See letter*

GALUMET  
Survey No.1993 (Con)

Feet

marking the NE cor. of the area excluded from the Higgins lode, Survey No.1410, brs. S. 12° 39' E. <sup>69.2</sup>  
~~68.2~~ ft!

Thence S. 86° 09' E.

515.9 to Cor No 4 the NE cor, identical with location and with Cors.No.1,4 and 6 respectively of Rathmoon lode, Survey No.1475, Baton Rouge lode, Survey No. 1390 and Hardscrabble lode Survey No.1026, a pine post 4 ft long 4 ins. sq set 1 ft in the ground in a mound of stones and scribed 4-1993 C L., whence a pine post of same dimensions and scribed W.C. 4-1993 brs.S.01° 12' E. 25 ft., and a second pine post of same dimensions and scribing brs. N. 01° 12' W. 25 ft.

Thence S. 01° 12' E. ~~103~~

103.0 along line 1-2 Rathmoon lode, Survey No. 1475 to original location for E. end center,

116.1 same bearing to Cor.No.5, the SE. cor. identical with Cor.No.5 Bengal lode, Survey No.1475 a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 5-1993 C L, whence a pine post of same dimensions and scribed <sup>W.C.</sup> 5-1993 brs. S. 85° 28' W. 25 ft., and a second pine post of same dimensions and scribing brs. S. 01° 12' E. 25 ft. and original location for SE cor. brs. S. 01° 12' E 133.9 ft.,

Thence S. 85° 28' W.

302.2 along line 5-6 Bengal lode, Survey No.1475 to Cor.No 6, <sup>and to intersect line 1-2-6 Hardscrabble lode</sup> identical with Cor No.6 Bengal lode, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 6-1993 C L, whence a pine post of same dimensions and scribed 6-1993 W.C. brs. S. 85° 28' W. 25 ft., and a second pine post of same dimensions and scribing brs. N. 85° 28' E. 25 ft.,

CALUMET  
Survey No. 1993 (Con)

Feet

whence Cor.No.4 identical with Cor.No.6 Hardscrabble lode, Survey No.1026 brs. N. 64° 54' E. 330 ft.

Thence S. 86° 52' W.

174.8

to Cor.No.7, on line 2-3 Hardscrabble lode, Survey No.1026 and on line 2-3 Higgins lode, Survey No. 1410, (which lines being common), and identical with Cor.No.8 Bengal lode, Survey No.1475, a pine post 4 ft. long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 7-1993 C L whence a pine post of same dimensions and scribed W.C.7-1993 brs. S. 86° 52' W. 25 ft., and a second pine post of same dimensions and scribing brs. N. 86° 52' W. 25 ft. and a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and marking the NE cor. of the area excluded from the Higgins lode, Survey No.1410 brs. N. 12° 39' W. 119.6 ft.

Thence S. 85° 55' W.

113.2

along the N. end line of Bengal lode, Survey No.1475 to Cor.No.8, identical with Cor.No.1 Bengal lode, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 8-1993 C L., whence a pine post of same dimensions and scribed W.C.8-1993 brs. S. 85° 55' W. 25 ft., and a second pine post of same dimensions and scribing brs. N. 85° 55' E. 25 ft., and a pine post 4 ft long 4 ins. sq set 1 ft in the ground in a mound of stones and marking the NW. cor of the area excluded from the Higgins lode,

Survey No.1410, brs. N. 0° 33' W. 118.4 ft, and from this point the point marking the N.E. cor. of area excluded from the Higgins brs. N. 88° 51' E. 88.1 ft.

Thence N. 78° 08' W.

296.0

to Cors No 1 and 4 respectively of Higgins lode Survey No.1410 and Del Norte lode Survey No.1478 whence Cor No. 5 Del Norte lode ~~situated on the N end line~~

~~of Higgins lode, Survey No.1410 brs. N. 72° 09' 30" E. 249.5 ft. and original N. E. C. of Higgins lode brs. N. 72° 09' 30" E. 200.8 ft. from which point cor. No. 2 Higgins lode brs. N. 72° 19' 30" E. 182 ft.~~

408.8

same bearing to Cor.No.9, the SW. cor., a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a

Feet

mound of stones and scribed 9-1993 C L, whence a pine post of same dimensions and scribed W. C.9-1993 brs. S. 78° 08' E. 25 ft. and a second pine post of same dimensions and scribing brs. N. 78° 08' W. 25 ft. and original location for SW. cor brs. S. 01° 12' E. 33.4 ft.

Thence N. 01° 12' W.

32.0 to original location for W. end center,  
194.6 same bearing to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the E. end center of location N. 86° 09' W. ~~991.5 ft.~~  
990.5 ft.

IMPROVEMENTS.

I certify that the value of the labor and improvements on this claim, placed thereon by claimant or its grantors is not less than \$500 and that said improvements consist of:

No. 1	Discovery tunnel 4x6x36 course W. and open cut 4x6x20 ft. brs from Cor.No.7 N. 69° W. 70 ft., Value \$460.00	
No. 2	Shaft 4x6x10 ft. brs. from Cor.No.3, S. 21° W. 10 ft	
	Value	100
No. 3	Shaft 4x6x10 ft. brs from Cor.No.2 S. 11° E. 45 ft., Value	100
No. 4	Open Cut 4x12x 8 ft brs. from Cor.No.4 S. 55° W 123 ft., tunnel 4x6x50 ft. course S. 20° E. 30 ft and S. 88° E. 20 ft., Value	600
No. 5	Open Cut 4x12x6 ft. shaft 4x6x4 ft. brs from Cor.No.4 S. 52° W. 116 ft., Value	100
No. 6	Pit 5x7x32 ft. brs from Cor.No.4 S. 43° 30' W. 100 ft., Value	150
	Total improvements on Calumet	\$1510.00

CALUMET  
Survey No. 1993

*Adjoining Claims.*

North	Del Norte lode, Survey No. 1478 and Hard Scrabble lode Survey No. 1026, Copper Queen Con. Min. Co. owner.
East	Rathmoon lode, Survey No. 1475, <sup>and Baton Rouge, Survey No. 1390.,</sup> Calumet & Pittsburg Min. Co. owners.
South,	Bengal lode, <sup>Survey</sup> No. 1475, same owner, Higgins lode Survey No. 1410, Copper Queen Con. Min. Co. owner.
West	Harrison lode, Survey No. 1410 Copper Queen Con. Min. Co owner. <i>Delmar Lode, Survey No. 1410, Same owner.</i>

LOCATION.

This claim is located about  $\frac{1}{2}$  mi. in an easterly di-  
rection from the main working shaft of the Calumet &  
Pittsburg mining Co., on unsurveyed lands in the War-  
ren Mining District, in Cochise County, Arizona. *approx.*  
*in T<sub>1</sub> 23 S. R<sub>24</sub> E East S. R. B and Meridian.*

AREA.

Total area Calumet lode	4.077 acres
Less area in conflict with Harri- son lode, Survey No. 1410	0.245 A.
Less area in conflict with Higgins lode, Survey No. 1410	0.594
Less area in conflict with Del Norte lode, Survey No. 1478	1.111
Less area in conflict with Hardscrabble lode, Survey No. 1026	<u>1.379</u>
Total conflict.	<u>3.269</u>
Net area Calumet lode.	0.808 acres.



## INSTRUMENT.

This survey was made with a Leitz Mountain and Mining transit. The courses were deflected from the true meridian as determined by solar observation, checked by an observation on Polaris. The distances were measured with a 300 foot steel tape.

Magnetic Variation  $12^{\circ} 30'$  E.

*Franklin W. Smith*

U. S. Deputy Mineral Surveyor.

Bisbee, Arizona,

14<sup>th</sup> October 1904.

Any discrepancies between the courses and distances of this survey and the surrounding approved surveys are due to errors in the latter.

## Note:-

The area in conflict between the Calumet and Higgins lode, that was excluded from the Higgins lode in survey No. 1410, and now claimed by the Calumet lode is described by meets and bounds as follows:-

Beginning at corner No. 8 of the Calumet lode, thence N.  $0^{\circ} 33'$  W. 118.4 ft., thence N.  $85^{\circ} 51'$  E. 88.1 ft. thence S.  $12^{\circ} 39'$  E. 119.6 ft. to corner No. 7 of the Calumet, thence S.  $85^{\circ} 55'$  W. 113.2 ft. to corner No.

8 of the Calumet lode and place of beginning.

Containing .203 acres.

*in conflict*

\*\*\*\*\*

The area between the Calumet and Higgins lodes that is to be excluded from the Calumet lode is described by meets and bounds as follows:- Beginning at corner No. 8 of the Calumet lode thence N.  $0^{\circ} 33'$  W. 118.4 ft. thence N.  $85^{\circ} 51'$  E. 88.1 ft., thence N.  $12^{\circ} 39'$  W. 54.2 ft. to corner No. 2 of the Higgins lode, thence S.  $72^{\circ} 19' 30''$  W. 182 ft. to the N. E. C. of the Higgins lode, thence S.  $72^{\circ} 09' 30''$  W. 200.8 ft. to corner No. 1 of the Higgins lode on line 8-9 of the Calumet lode, thence S.  $78^{\circ} 08'$  E. 296 ft. to corner No. 8 of the Higgins lode and place of beginning, containing .594 acres.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by

*Franklin W. Smith*

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

*Calumet and Pittsburg Mining Co. J. M. O'Connell atty.*

known as the

*Calumet*

and showing the respective capacities in which they acted.

*Frank R. Roth*, Chainman.

*Fred. Launstein*, Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We, *Frank Roth*

and *Fred. Launstein*

....., do solemnly swear that we assisted

*Franklin W. Smith*, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of

*Calumet and Pittsburg Mining Co. J. M. O'Connell atty.*

known as the

*Calumet*

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

*Quigona*

*Frank R. Roth*, Chainman.

*Fred. Launstein*, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this *14<sup>th</sup>*

day of *October*, 190*4*.

*Cora E. Smith*

(4-686.)

## FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 7th, 1904, 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 Calumet and Tillsburg Mining Co J.M. O'Connell atty, known as the Calumet, situate in Harlem Mining District, Cochise County, Arizona, in Section approx, Township No. 23 S., Range No. 21 E. 5th S. 2nd W. and designated as Survey No. 1993, 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 its 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.

Franklin W. Smith  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith

U. S. Deputy Mineral Surveyor, before me

this 14th  
day of October, 1904

Coro E. Smith

Affidavit of Five Hundred Dollars Improvements.

We, Frank Rafath, and Fred Lauenstein

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

are acquainted with the Calumet mining claim,

situate in Marion Mining district, Cochise County,

Arizona Territory, for which Calumet and Potosi

Mining Co. J M O'Connell atty

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 its grantor exceed Five Hundred

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

Frank Rafath

Fred Lauenstein

TERRITORY OF ARIZONA,

County of Cochise } ss:

Sworn to and subscribed before me, this 15th

day of October, 1904



Conrad Smith

Notice of Mining Location  
Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Calumet 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 Calumet and Pittsburg Mining Company, a corporation, the undersigned, on the 24th day of September, 1904.

The length of this claim is about 1,000 feet and we claim about 460 feet in a Westerly direction and about 540 feet in an Easterly direction from the discovery monument, at which this notice is posted, lengthwise of the claim, together with 125 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 East to the West.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about one and one-half ( 1 1/2 ) miles in a Southeasterly direction from Bisbee and lying South of the Hardscrabble and Del Norte and North of the Higgins and Bengal Patented Mining Claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a Westerly direction about 460 feet from the discovery monument ( at which this notice is posted) being in the center of the West end line of said claim; thence Northerly 125 feet to a monument of stones, being the Northwest corner of said claim; thence Easterly about 1,000 feet to a monument of stones, being at the Northeast corner of said claim thence Southerly 125 feet to a monument of stones at the center of the East end of said claim; thence Southerly 125 feet to a monument of stones, being at the Southeast corner of said claim; thence Westerly about 1,000 feet to a monument of stones at the Southwest

corner of said claim; thence Northerly 125 feet to the place of 13  
beginning.

All done under the provisions of Chapter six of Title 37, 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 16th 1901.

This is an amended Location Notice of the Calumet Mining Claim located by John S. Gorrie on the 9th day of April 1902, and recorded in Book 21 of the Record of Mines, at pages 70 and 71, in the office of the County Recorder of the aforesaid County of Cochise to which reference is hereby made, and this amended location notice is made and posted to correct errors in the description in the said original Location Notice and to take in additional ground.

Dated and posted on the ground this 24th day of September 1904.

Calumet and Pittsburg Mining Company

by its agent. *S. A. Parnall*

*Filed and recorded at request of J. M. O'Connell  
Sept. 30th A.D. 1904 at 9:30 A.M. Book 25 Record  
of Mines pages 220 - 222*

Territory of Arizona,)

:SS.

County of Cochise. )

I, Frank Hare County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original amended location notice of the Calumet Mining Claim, filed and recorded in my office on the 30th day of September 1904, in Book 25 pages 220 to 222 inclusive, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 3rd day of October 1904.

*Frank Hare*  
County Recorder.

Amended Location  
Notice Colunnet  
Minning claim



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.

~~April~~, June 27, 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 Calumet and Pittsburg Mining Co., J. M. O'Connell, Atty.

known as the Calumet

situate in Warren Mining District, Cochise County, Arizona.

in Section approx., Township No. 23 S., Range No. 24E. unsurveyed, designated as Survey No. 1993.

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, Oct. 12 to 14, 1904, under my instructions dated Oct. 7th 1904, 1904, 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.

Frank A. Ingalls

U. S. Surveyor-General for Arizona.

# SURVEY No. 1993.

SCALE 100 Ft to 1 inch

Del Norte  
Surr. No. 1410.

Balton Route  
Surr. No. 1390.

Del Norte  
Surr. No. 1478.

89 59 60  
77 19 30  
-----  
1240 30

89 10  
66 00  
-----  
23 54  
1240 30  
-----  
36 34

Hardscrabble  
Surr. No. 1026.

## CALUMET

Calhoun.  
Surr. No. 1475.

Bengal.  
Surr. No. 1475.

Higgins.  
Surr. No. 1410.

Total Area Calumet Lode	4.077 Acres
Harrison Conflict	0.245
Higgins Conflict	0.595
Del Norte Conflict	1.111
Hardscrabble Conflict	1.319
Total Conflict	3.270
Net Area Calumet Lode	0.807

