

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4827

State  
Arizona

Land District  
Arizona

FIELD NOTES

Of the Survey of the Mining Claim of *(name and address of Claimant)*

STEPHEN H. STURGES, RICHARD J. TIBBITS, ET AL.  
c/o Leo N. Smith  
902 Transamerica Building  
Tucson, Arizona 85701

Known as the *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Plata No. 2	12/05/67	6/02/81

Mining district Silver		County Yuma	
Section 3 34 and 35	Township 4 S. T.3 S.	Range 23 W. R.23 W.	Meridian Gila & Salt River
Survey commenced January 6, 1982		Survey completed March 24, 1982	Survey under order dated June 24, 1981
			Name of Mineral Surveyor Gordon W. McLain

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

FEET

This survey was made with a Kern DKM-1 directional theodolite No. 166718, with a horizontal circle of 50 mm. diameter and a vertical circle of 50 mm. diameter; both circles are read through an optical microscope that views diametrically opposite points on the graduated circle scales; an index line is operated by a micrometer drum which reads both horizontal and vertical angles directly to 10" and by estimation to 1" of arc. This instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by direction angles, measured to the right, and are referred to the meridian determined by the following observation:

January 6, 1982, at Cor. No. 4 of the Plata No. 2 lode, in latitude 33°06'59" N., and longitude 114°36'36" W., elevation 635 ft. above sea level, and temperature 60° F., make a series of six altitude observations of the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from Cor. No. 3 of the Plata No. 2 lode southwest to the sun:

Mean time of observation,  
105th meridian standard  
time = 3<sup>h</sup>42<sup>m</sup>04<sup>s</sup> p.m.

Declination of sun at mean  
time of observation = 22°26'41" S.

Mean observed vertical angle  
to sun's center = 20°15'51"

Mean horizontal angle from  
Cor. No. 3 to sun's  
center = 287°08'56"

True bearing to Cor.  
No. 3 = N. 63°42'36" W.

The lines were measured with a Lufkin 100 ft. steel tape, graduated every foot for 99 ft. and the remainder in tenths and hundredths of a foot, and with a Topcon DM-C2 electronic distance meter, Serial No. 911223, with a mean square error of +(0.02 ft. + 5 ppm). The tape was compared with a 100 ft. standard tape at the beginning of the survey and found to be correct. The electronic distance meter was in good condition at the time of the survey and all adjustments were in good order.

The magnetic declination observed at each corner of the survey gave a uniform value of 13°E.

FEET	
	<hr/> Mineral Survey No. 4827 <hr/>
	Plata No. 2 lode
	Beginning at Cor. No. 1 of the Plata No. 2 lode, identical with a cor. of the location.
	This cor. falls in a major drainageway, where a permanent monument cannot be established; from which
	The cor. of secs. 2, 3, 34 and 35, T.4 S., R.23 W. and T.3 S., R.23 W., G.&S.R.M., bears N. 87°01'56"E., 234.25 ft. dist.; monumented with a iron post, 3 ins. diam., 12 ins. above ground, firmly set, with the brass cap properly marked.
	Thence N.63°42'36" W.
140.	Right bank of drainageway, 150 ft. wide, course S.40° E.
195.	Center of road, 10 ft. wide, course N.25° W. and S.25° E.
635.	Center of wash, 4 ft. wide, course N.30° E.
1500.00	Cor. No. 2, identical with a cor. of the location.
	Set an aluminum cap 2 ins. diam., 2 1/2 ins. stem, in concrete, at ground surface, raised a mound of stone, 3 ft. base, 3 ft. high, SE. of cor., marked the aluminum cap 2-P2 M.S. 4827; from which
	The SW. face of 4 ft. sq. boulder bears N.51°33' E., 66.91 ft. dist., marked X BO 2-P2 M.S. 4827.
	The W. face of a rock outcrop bears S.84°07' E., 30.40 ft. dist., marked X BO 2-P2 M.S. 4827.
	Thence N.26°17'24" E.
300.00	Lode line; discovery point bears S.63°42'36" E., 630.00 ft. dist.
600.00	Cor. No. 3, identical with a cor. of the location.
	Set an aluminum cap 2 ins. diam., 2 1/2 ins. stem, in concrete, at ground surface, raised a mound of stone, 3 ft. base, 3 ft. high, SE. of cor., marked the aluminum cap 3-P2 M.S. 4827.
	No local bearing objects or bearing trees available.
	Thence S.63°42'36" E.



FEET	EXPENDITURES
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:
No. 1	The discovery point of the Plata No. 2 lode bears S.63°42'36" E., 630.00 ft. dist. from the center of the W. end line. Value, none
No. 2	A drill hole, 2 7/8 ins. diam., NX-type core, 174. ft. in length, running N.35° W., at an inclination of -38°, the collar of which bears N.82°23' W., 833.3 ft. dist. from Cor. No. 4. Value, \$3047.60
No. 3	A drill hole, 2 7/8 ins. diam., NX-type core, 201. ft. in length, running S.45° W., at an inclination of -50°, the collar of which bears N.78°35' W., 995.5 ft. dist. from Cor. No. 4. Value, \$3508.16
No. 4	A drill hole, 5 ins. diam., 154. ft. in length, running S.77° W.,. at an inclination of -5°, the collar of which bears N.78°35' W., 995.5 ft. dist. from Cor. No. 4. Value, \$1463.00
No. 5	A drill hole, 5 ins. diam., 126. ft. in length, running S.40° W.,. at an inclination of -5°, the collar of which bears N.78°35' W., 995.5 ft. dist. from Cor. No. 4. Value, \$1197.00
No. 6	A drill hole, 5 ins. diam., 136. ft. in length, running S.35° W.,. at an inclination of -10°, the collar of which bears N.84°10' W., 845.5 ft. dist. from Cor. No. 4. Value, \$1292.00
No. 7	A drill hole, 5 ins. diam., 140. ft. in length, running S.33° W.,. at an inclination of -15°, the collar of which bears N.80°05' W., 917.8 ft. dist. from Cor. No. 4. Value, \$1330.00
No. 8	A drill hole, 5 ins. diam., 156. ft. in length, running S.33° W.,. at an inclination of -52°, the collar of which bears N.80°05' W., 917.8 ft. dist. from Cor. No. 4. Value, \$1482.00
No. 9	A drill hole, 2 ins. diam., 70. ft. in length, running S.63° W.,. at an inclination of -15°, the collar of which bears N.82°55' W., 980.8 ft. dist. from Cor. No. 4. Value, \$245.00

FEET	
No. 10	A drill hole, 2 ins. diam., 70. ft. in length, running S.45° W.,. at an inclination of -15°, the collar of which bears N.83°46' W., 958.9 ft. dist. from Cor. No. 4. Value, \$245.00
No. 11	A drill hole, 2 ins. diam., 35. ft. in length, running S.45° W.,. at an inclination of -50°, the collar of which bears N.85°33' W., 918.7 ft. dist. from Cor. No. 4. Value, \$122.50
No. 12	A drill hole, 2 ins. diam., 70. ft. in length, running S.45° W.,. at an inclination of -15°, the collar of which bears N.87°18' W., 885.7 ft. dist. from Cor. No. 4. Value, \$245.00
No. 13	A drill hole, 2 ins. diam., 80. ft. in length, vertical, the collar of which bears S.86°49' W., 658.1 ft. dist. from Cor. No. 4. Value, \$280.00
No. 14	A drill hole, 2 ins. diam., 100. ft. in length, running S.65° W.,. at an inclination of -45°, the collar of which bears S.86°40' W., 662.2 ft. dist. from Cor. No. 4. Value, \$350.00
No. 15	A drill hole, 2 ins. diam., 80. ft. in length, vertical, the collar of which bears S.77°55' W., 636.4 ft. dist. from Cor. No. 4. Value, \$280.00
OTHER IMPROVEMENTS	
A vertical shaft, 4 ft. X 6 ft., approximately 75 ft. deep, bears N.79°44' W., 902. ft. dist. from Cor. No. 4. Claimant unknown	
A vertical shaft, 4 ft. X 8 ft., 20 ft. deep, bears N.78°43' W., 1090. ft. dist. from Cor. No. 4. Claimant unknown	
A vertical shaft, 8 ft. sq., approximately 100 ft. deep, bears N.74°54' W., 1290. ft. dist. from Cor. No. 4. Claimant unknown	
A vertical shaft, 6 ft. sq., approximately 75 ft. deep, bears N.73°13' W., 1355. ft. dist. from Cor. No. 4. Claimant unknown	
A vertical shaft, 10 ft. sq., 8 ft. deep, bears N.83°48' W., 1059. ft. dist. from Cor. No. 4. Claimant unknown	

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FEET		
	<p>A vertical shaft, 8 ft. sq., 8 ft. deep, bears N.84°54' W., 1062. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>A vertical shaft, 5 ft. sq., 5 ft. deep, bears S.89°53' W., 944. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>A vertical shaft, 5 ft. X 7 ft., 10 ft. deep, bears N.89°19' W., 944. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>A vertical shaft, 3 ft. X 4 ft., 50 ft. deep, bears S.88°30' W., 895. ft. dist. from Cor. No. 4; connects with an adit, 5 ft. X 6 ft., 50 ft. long, the portal of which bears N.89°48' W., 858. ft. dist. from Cor. No. 4. Claimant of each unknown</p> <p>An adit, 6 ft. sq., 20 ft. long, running N.50° W., the portal of which bears N.86°39' W., 1004. ft. from Cor. No. 4. Claimant unknown</p> <p>An adit, 4 ft. X 6 ft., 90 ft. long, running S. 50°W., the portal of which bears N.82°31' W., 1005. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>An open cut, 4 ft. wide, 6 ft. deep, 10 ft. long, running N.50°E. and S.50°W., the center of which bears N.82°52' W., 1089. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>An open cut, 4 ft. deep, 10 ft. wide, 12 ft. long, running N.50°E. and S.50°W., the center of which bears N.83°29' W., 1076. ft. dist. from Cor. No. 4. Claimant unknown</p> <p>An open cut, 2 ft. deep, 4 ft. wide, 15 ft. long, running N.10° E. and S.10° W., the center of which bears N.78°36' W., 1113. ft. from Cor. No. 4. Claimant unknown</p> <p>An open cut, 8 ft. wide, 8 ft. deep, 10 ft. long, running N.80° E. and S.80° W., the center of which bears N.78°48' W., 1004. ft. from Cor. No. 4. Claimant unknown</p>	
	<p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA None</p>	
	<p>MEMORANDUM None</p>	
	<p>FIELD ASSISTANTS</p> <p>Steven S. Owens.....Instrumentman</p> <p>Jeff Pferdeort.....Rodman</p>	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

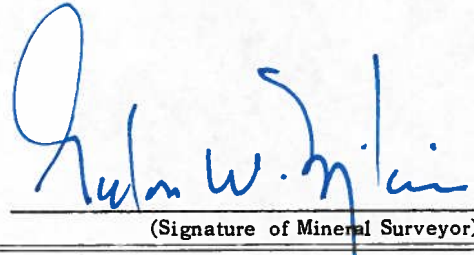
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Gordon W. McLain	May 20, 1982

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated June 24, 1981, I have carefully executed the survey of the claim of STEPHEN H. STURGES, RICHARD J. TIBBITS, ET AL. known as the (lode, placer, or mill site) Plata No. 2 lode situated in Secs. 34 and 35, T.3 S., and unsurveyed Sec. 3, Range 23 W., Gila and Salt River Meridian, in the State of Arizona, Township 4 S.

This survey, designated as number 4827, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.


I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) lode location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Tucson, Arizona (Location)	 (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL


Office	Arizona State Office
Location	Phoenix, Arizona
Date	September 4, 1985

The foregoing field notes of mineral survey number 4827, in sections 34 and 35 and unsurveyed section 3, surveyed  unsurveyed  Township 3 and 4, S., Range 23 W., Gila and Salt River Meridian, in the State of Arizona, executed by Gordon W. McLain, Mineral Surveyor, under order dated June 24, 1981, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

 (Authorized Signature)	Chief Cadastral Surveyor of Arizona (Title)
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CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number 4827 is a true copy of the original field notes.

 (Authorized Signature)	Chief Cadastral Surveyor of Arizona (Title)
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Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
DENVER, COLORADO

WHEREAS, certain lands in the State of Arizona, to-wit: Section 34 and 35 and Sections 36 and 37, Township 33 North, Range 12 East, Gila and Salt River Meridian, Gila and Salt River Counties, Arizona, are being surveyed and the survey is being completed; and

WHEREAS, the lands described in the foregoing are being surveyed and the survey is being completed; and

WHEREAS, the lands described in the foregoing are being surveyed and the survey is being completed; and

*[Handwritten Signature]*

Arizona State Office  
Phoenix, Arizona  
September 4, 1935

Section 34 and 35 and Sections 36 and 37, Township 33 North, Range 12 East, Gila and Salt River Meridian, Gila and Salt River Counties, Arizona.

State Geologist, Bureau of Geology of Arizona

*[Handwritten Signature]*

State Geologist, Bureau of Geology of Arizona