

Form 3400-11  
(September 1967)  
(formerly 4-683)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4725

State  
Arizona

Land District  
Arizona

FIELD NOTES

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

Inspiration Consolidated Copper Company  
c/o G. Henry Ladendorff, Attorney at Law  
Suite 716 Arizona Bank Bldg.  
Phoenix, Arizona 85003

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
FRACTION No. 2	9/12/68	

Mining district Banner		County Gila	
Sections 27, 23 and 26	Township 4 South	Range 15 East	Meridian Gila & Salt River
Survey commenced July 5, 1975		Survey completed Aug. 18, 1975	Survey under order dated May 23, 1972
			Name of Mineral Surveyor Travis L. Gant

Faint text, possibly a title or header, located in the upper middle section.

Part of the text, possibly a date or reference number.

Main body of faint text, likely the primary content of the document.

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FEET

This survey was made with a Kern theodolite, Model DKM-2AE Ser. No. 145997, having automatic vertical indexing and microscopic angle reading capabilities enabling the instrumentman to read angles, either horizontal or vertical, to 1 sec. of arc. This instrument was used in conjunction with electronic distance-measuring equipment, i.e., a Hewlett-Packard Model 3800 Distance Meter, Ser. No. 0987 A 00472, having a range of 10,000 feet and an absolute accuracy of 0.01 feet plus the distance measured divided by 100,000 when operated in normal temperature ranges. Also available for use the instrumentman was a W. & L. E. Gurley transit, Ser. No. 57289, equipped with horizontal limb  $6\frac{1}{2}$  ins. diam., having two double opposite verniers, and a full vertical circle 5 ins. diam., having one double vernier; the horizontal verniers read to 30 secs. of arc; the vertical vernier reads to one minute of arc. This instrument was used for short-distance taping and alignment procedures and for topographic detail where great distances were not involved.

All bearings in this record were determined by the method of deflection angles referred to the meridian determined by the following solar observation:

July 30, 1975, at Cor. No. 4 of the FRACTION No. 2 lode, in latitude  $33^{\circ} 03' 37''$  N. and longitude  $110^{\circ} 47' 28''$  W., as determined by scaling from U.S.G.S. quadrangle HAYDEN, ARIZONA, dated 1964, at elevation 3650 ft. above mean sea level, and temperature  $92^{\circ}$  F., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the theodolite telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a reference point approximately 1000 feet northwesterly clockwise to the sun.

Mean time of observation, 105th  
meridian, standard time = 9:32 a.m.

Declination of sun at mean  
time of observation = N.  $18^{\circ} 33' 01''$

Mean observed vertical angle to  
sun's center, corrected for  
refraction and parallax =  $47^{\circ} 40' 50''$

Mean horizontal angle from  
reference point to sun's center  
turned clockwise and to the  
right to sun's center =  $122^{\circ} 40' 13''$

True bearing to reference  
point = N.  $23^{\circ} 59' 00''$  W.

FEET

The lines were measured with either a Lufkin steel tape or with the aforementioned electronic distance meter. The tape was 500 feet in length, graduated every foot for 500 feet, with an added foot on the zero end graduated in tenths and hundredths; the tape was compared with a standard 100.00 foot tape at the time of the beginning of the survey and was found to be correct. The distance meter was compared with a taped course, 1200 feet in length, measured as a base-line with a standard 100.00 foot tape, and found to be precise and accurate.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 13° 45' E.

Note concerning monumentation: All corners and witness corners of this survey were monumented with iron posts, 2 ft. long, consisting of 3/4-inch nominal diam. water pipe having 1 ins. exterior diam., into the top of each of which was cemented a brass cap, 2 ins. diam., with a stem 2½ ins. long. Epoxy materials were used for grouting the cap-stem into the pipe. Each cap was marked as described herein, using 1/8-inch steel dies for lettering and numbering. All such brass-capped posts were set in the ground in a foundation of at least ½ cu. ft. of high early-strength portland cement concrete, mixed at the site. Alongside every corner monument I have caused to be erected a rock monument whose base is not less than 2½ ft. in diam. and whose height is not less than 2½ ft.

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Mineral Survey No. 4725

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FRACTION No. 2 Lode

At Cor. No. 1 of the FRACTION No. 2 lode, established on line 4-1, M.S. No. 4722 Ringtail Snorter lode.

Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. F 2-1-4725; from which

The cor. of secs. 22, 23, 26 and 27, T. 4 S., R. 15 E., G.&S.R.M., bears N. 31° 01' 54" E., 463.79 ft. dist.; monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, and mkd. as described in the official record. I restore mound of stone, 2½ ft. base 2½ ft. high, W. of cor.

FEET	
	<p>Cor. No. 1, M.S. No. 4722 Ringtail Snorter lode, bears N. 23° 59' W., 357.59 ft. dist.</p> <p>Cors. Nos. 1, M.S. No. 4680 Chilito 23, Chilito 25, and Chilito 24 lodes, bear N. 20° 45' 41" E., 550.17 ft. dist.</p> <p>Thence N. 45° 17' 21" E.</p>
174.28	Intersect line 1-2, M.S. No. 4680 Chilito 23 lode at a point from which Cor. No. 1, identical with Cors. Nos. 1 of the Chilito 25 and Chilito 24 lodes, bears N. 10° 17' 40" E., 398.24 ft. dist.
632.	Center of road, 14 ft. wide, bears N. 50° W. and S. 50° E.
646	Center of local drainage, 6 ft. wide, course N. 50° W.
660.73	Intersect line 4-1, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 79° 45' 30" E., 316.38 ft. dist.
1,183.14	Intersect line 4-1, M.S. No. 4722 Old Hayseed lode, at a point from which Cor. No 1, identical with Cor. No. 1, M.S. No. 47220'Carroll lode, bears S. 10° 11' 30" W., 472.11 ft. dist.
1,207.68	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 9° 56' 52" W., 447.78 ft. dist.
1,338.22	Intersect line 3-4, M.S. No. 4722 Old Hayseed lode, and line 1-2, M.S. No. 4722 Blue Bird lode, at a point from which Cors. Nos. 4 and 2 respectively bear N. 79° 54' 37" W., 89.17 ft. dist.
1,492.36	<p>The true point for Cor. No. 2, established on line 2-3, M.S. No. 4722 Ringtail Snorter lode.</p> <p>This corner falls on the south wall of a rocky ravine in a position impractical to monument; from which</p> <p>Cor. No. 2, M.S. No. 4722 Ringtail Snorter lode bears N. 23° 59' W., 342.50 ft. dist.</p> <p>Cor. No. 4, M.S. No. 4680 Chilito 24 lode, bears S. 23° 33' 38" W., 699.66 ft. dist.</p> <p>Cor. No. 4, M.S. No. 4722 Old Hayseed lode, identical with Cor. No. 2, M.S. No. 4722 Blue Bird lode, bears S. 64° 48' 30" W., 218.07 ft. dist.</p> <p>Thence S. 23° 59' E.</p>

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FEET	
135.	Northwest edge of cliff; rim bears ENE. and SW.
152.06	Intersect line 1-2, M.S. No. 4722 Blue Bird lode, and line 3-4, M.S. No. 4722 Old Hayseed lode; at a point from which Cors. Nos. 2 and 4 respectively bear N. 79° 54' 37" W., 263.20 ft. dist.
154.97	A point selected for witness Cor. No. 2, on line 2-3, M.S. No. 4722 Ringtail Snorter lode.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. WC - F 2-2-4725.
273.75	Intersect Cor. No. 3, M.S. No. 4722 Ringtail Snorter lode.
298.	Lode line; discovery point bears S. 45° 17' W., 630.0 ft. dist.
370.	Center of road, 12 ft. wide, bears E. and WSW.
597.97	Cor. No. 3.  Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. F 2-3-4725; from which  Cors. Nos. 1, M.S. No. 4722 Old Hayseed and O'Carroll lodes, bear S. 76° 02' 05" W., 562.98 ft. dist.  Thence S. 45° 19' 04" W.
140.	Center of road, 12 ft. wide, bears N. and S.
234.	Center of road, 12 ft. wide, bears N. 80° W. and S. 80° E.
281.05	Intersect lines 1-2, M.S. No. 4722 Old Hayseed and O'Carroll lodes, at a point from which Cors. Nos. 1 bear N. 79° 53' 38" W., 351.97 ft. dist.
344.	Center of local drainage, 4 ft. wide, course N. 40° W.
573.18	Intersect line 1-2, M.S. No. 4722 Cobre Hierro lode, at a point from which Cor. No. 1 bears N. 28° 25' 10" W., 190.43 ft. dist.
768.	Center of road, 12 ft. wide, bears North and S. 20° E.
892.77	Intersect line 4-1, M.S. No. 4722 O'Carroll lode, at a point from which Cor. No. 1, identical with Cor. No. 1, M.S. No. 4722 Old Hayseed lode, bears N. 10° 11' 30" E., 499.79 ft. dist.

FEET																											
945.	Center of road, 15 ft. wide, bears E. and W.																										
1,179.	Center of road, 14 ft. wide, bears N. 75° E. and S. 75° W.																										
1,492.07	Cor. No. 4.  Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. F 2-4-4725; from which  Cor. No. 1, M.S. No. 4722 Cobre Hierro lode, bears N. 34° 40' 07" E., 989.26 ft. dist.  Thence N. 23° 59' W.																										
92.	Center of road, 14 ft. wide, bears N. 80° E. and S. 80° W.																										
299.	Lode line; discovery point bears N. 45° 17' E., 862.42 ft. dist.																										
327.94	Intersect Cor. No. 4, M.S. No. 4722 Ringtail Snorter lode.																										
419.70	Intersect line 1-2, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 1, identical with Cors. Nos. 1 M.S. No. 4680 Chilito 25 and Chilito 24 lodes, bears N. 10° 17' 40" E., 687.66 ft. dist.																										
430.33	Intersect line 4-1, M.S. No. 4722 Cobre Hierro lode, at a point from which Cor. No. 1 bears N. 60° 19' 01" E., 849.05 ft. dist.																										
597.17	Cor. No. 1, and place of beginning.																										
Mineral Survey No. 4725																											
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">AREAS</th> <th style="text-align: center;">Acres</th> </tr> </thead> <tbody> <tr> <td>Total area, FRACTION No. 2 lode</td> <td style="text-align: right;">19.148</td> </tr> <tr> <td>Area in conflict with---</td> <td></td> </tr> <tr> <td>M.S. No. 4680 Chilito 23 lode</td> <td style="text-align: right;">0.332</td> </tr> <tr> <td>M.S. No. 4680 Chilito 24 lode</td> <td style="text-align: right;">1.626</td> </tr> <tr> <td>M.S. No. 4722 Cobre Hierro lode</td> <td style="text-align: right;">6.101</td> </tr> <tr> <td>M.S. No. 4722 Cobre Hierro lode, exclusive of its conflict with</td> <td></td> </tr> <tr> <td>    (1) M.S. No. 4680 Chilito 23 lode</td> <td style="text-align: right;">6.100</td> </tr> <tr> <td>    (2) M.S. No. 4722 O'Carroll lode</td> <td style="text-align: right;">5.165</td> </tr> <tr> <td>    (3) M.S. No. 4722 Ringtail Snorter lode</td> <td style="text-align: right;">5.664</td> </tr> <tr> <td>    (4) M.S. No. 4722 Ringtail Snorter lode and M.S. No. 4680 Chilito 23 lode</td> <td style="text-align: right;">5.664</td> </tr> <tr> <td>    (5) M.S. No. 4722 Ringtail Snorter and O'Carroll lodes</td> <td style="text-align: right;">4.728</td> </tr> <tr> <td>    (6) M.S. No. 4722 Ringtail Snorter and O'Carroll lodes and M.S. No. 4680 Chilito 23 lode</td> <td style="text-align: right;">4.728</td> </tr> </tbody> </table>	AREAS	Acres	Total area, FRACTION No. 2 lode	19.148	Area in conflict with---		M.S. No. 4680 Chilito 23 lode	0.332	M.S. No. 4680 Chilito 24 lode	1.626	M.S. No. 4722 Cobre Hierro lode	6.101	M.S. No. 4722 Cobre Hierro lode, exclusive of its conflict with		(1) M.S. No. 4680 Chilito 23 lode	6.100	(2) M.S. No. 4722 O'Carroll lode	5.165	(3) M.S. No. 4722 Ringtail Snorter lode	5.664	(4) M.S. No. 4722 Ringtail Snorter lode and M.S. No. 4680 Chilito 23 lode	5.664	(5) M.S. No. 4722 Ringtail Snorter and O'Carroll lodes	4.728	(6) M.S. No. 4722 Ringtail Snorter and O'Carroll lodes and M.S. No. 4680 Chilito 23 lode	4.728
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FEET

M.S. No. 4722 Ringtail Snorter lode	8.699
M.S. No. 4722 Ringtail Snorter lode, exclusive of its conflict with	
(1) M.S. No. 4680 Chilito 23 lode	8.367
(2) M.S. No. 4680 Chilito 24 lode	7.074
(3) M.S. No. 4680 Chilito 23 and Chilito 24 lodes	6.741
(4) M.S. No. 4722 Blue Bird lode	8.448
(5) M.S. No. 4722 Old Hayseed lode	6.358
(6) M.S. No. 4722 Blue Bird and Old Hayseed lodes	6.106
(7) M.S. No. 4680 Chilito 23 and Chilito 24 lodes, and M.S. 4722 Blue Bird and Old Hay- seed lodes	4.300
M.S. No. 4722 Blue Bird lode	0.252
M.S. No. 4722 Old Hayseed lode	5.445
M.S. No. 4722 Old Hayseed lode exclusive of its conflict with	
(1) M.S. No. 4680 Chilito 24 lode	5.293
(2) M.S. No. 4722 Ringtail Snorter lode	3.104
(3) M.S. No. 4680 Chilito 24 lode, and M.S. No. 4722 Ringtail Snorter lode	3.103
M.S. No. 4722 O'Carroll lode	2.019
M.S. No. 4722 O'Carroll lode, exclusive of its conflict with	
(1) M.S. No. 4722 Cobre Hierro lode	1.083

## LOCATION

This survey is located in the SW $\frac{1}{4}$  sec. 23, in the NW $\frac{1}{4}$  sec. 26, and in the NE $\frac{1}{4}$  sec. 27, T. 4 S., R. 15 E., Gila and Salt River Meridian, Gila County, Arizona

The survey of the FRACTION No. 2 lode is identical with its location as marked on the ground.



FEET	
EXPENDITURES	
No. 1	<p>The discovery point of the FRACTION No. 2 lode is on the lode line 630 ft. from a point on line 2-3, 298 ft. from Cor. No. 2. Value, none.</p>
No. 2	<p>An interest in a common improvement described as follows:</p> <p>A diamond drill hole, known as NY-508, bears S. 54° 45' W., 225 ft. from Cor. No. 3 FRACTION No. 2 lode; 2 ins. diam., 1,125 ft. depth. Value of drill-hole, \$16,875. Value of one-half interest, \$8,437.50.</p> <p>This improvement is for the development of the FRACTION No. 2 lode and for the development of M.S. No. 4722 Old Hayseed lode, the official record of which credits an undivided one-half interest in its value to subject FRACTION No. 2 lode. These lode claims are contiguous lode claims owned in common within the range of benefit of the drilling of Hole No. NY-508.</p> <p>This improvement was made subsequent to the location of the above-named lodes and to the time since common ownership and contiguity have prevailed; therefore an undivided one-half interest in its value is hereby credited to subject FRACTION No. 2 lode.</p> <p>Except as above stated, no portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.</p>
OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA	
<p>M.S. No. 4680 Chilito 23: Cors. Nos. 1 and 2 are iron posts, 1 ins. diam., with brass caps, firmly set and properly mkd. The bearings of lines 1-2 and 4-1 are shown as approved.</p>	
<p>M.S. No. 4680 Chilito 24: Cors. Nos. 1 and 3 are iron posts, 1 ins. diam., with brass caps, firmly set and properly mkd.; Cor. No. 4 is a "+" scribed on a rock dyke facing into the claim, with proper identification scribed alongside on the face of the dyke. The bearing of line 3-4 and the entire course of line 4-1 are shown as approved.</p>	
<p>M.S. No. 4680 Chilito 25: Cor. No. 1 is identical with Cors. Nos. 1 of M.S. No. 4680 Chilito 23 and Chilito 24 lodes described above; the bearings of lines 1-2 and 4-1 are shown as approved.</p>	

FEET

M.S. No. 4722 Cobre Hierro, Ringtail Snorter, Blue Bird, Old Hayseed, O'Carroll, and Pirate lodes: All cors. and witness cors. of these lodes are iron posts, 1 ins. diam., with brass caps, firmly set, and mkd. as described in the official record of M.S. No. 4722. All lines are shown as approved.

The line between the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27 and the cor. of secs. 22, 23, 26, and 27 bears N.  $0^{\circ} 00' 10''$  E., 2633.96 ft. dist., instead of N.  $0^{\circ} 01' W.$ , 2640 ft. as approved.

The line between the  $\frac{1}{4}$  sec. cor. of secs. 23 and 26 and the cor. of secs. 22, 23, 26 and 27 bears S.  $89^{\circ} 45' 00'' W.$ , 2635.72 ft. dist., instead of S.  $89^{\circ} 46' 38'' W.$ , 2635.53 ft. dist. as approved in the record of M.S. No. 4680 submitted by this mineral surveyor in 1970, or S.  $89^{\circ} 45' W.$ , 2640.66 ft. dist., as approved, 1921 cadastral survey.

## FIELD ASSISTANTS

Name	Capacity
Loren E. Bunney	Instrumentman
Norman W. Wisner	Chainman
Edward E. Zaragoza	Technical Ass't.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor <b>Travis L. Gant</b>	Date <b>September 2, 1975</b>
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I HEREBY CERTIFY That in pursuance of an order received from the U.S. Dept. of Interior Bureau of Land Management, at Phoenix, Arizona, dated May 23, 1972, 1972, I have carefully executed the survey of the claim of Inspiration Consolidated Copper Co. known as the (lode, placer, or mill site) FRACTION No. 2 situated in Secs. 23 and 26 and 27, Township 4 South Range 15 East, Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4725, 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.

<b>Globe, Arizona</b> (Location)	<i>Travis L. Gant</i> (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office <b>Arizona State Office</b>
Location <b>Phoenix, Arizona</b>
Date <b>July 21, 1977</b>

The foregoing field notes of mineral survey number 4725, in sections 23, 26, & 27 Range 15 E., Gila & Salt River Meridian, in the State of Arizona, executed by Travis L. Gant, Mineral Surveyor, under order dated May 23, 1972, 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.

<i>Boyd S. Owens</i> <b>Boyd S. Owens</b> (Authorized Signature)	<b>Chief, Branch of Cadastral Survey</b> (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 is a true copy of the original field notes.

 (Authorized Signature)	 (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.

