

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number
4662

State
Arizona

Land District
Arizona

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

Robert A. Burney & Lilla Burney
1414 East Waverly
Tucson, Arizona 85719

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

| NAME OF LOCATION | DATE | |
|------------------|----------|---------|
| | LOCATED | AMENDED |
| HUMBOLT | 12/5/47 | 1/10/68 |
| Humbolt No 1 | 12/20/48 | 1/10/68 |
| Humbolt #2 | 12/15/51 | 1/10/68 |

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|--------------------------------|------------------|----------------------------|---|---|
| Mining district Old Hat | | County Pinal | | |
| Sections (Uns.) 15, 16 & 22 | Township 10S. | Range 15E. | Meridian G. & SR. | Survey under order dated 10/27/67 & 2/1/68 |
| Survey commenced 10/27/67 | | Survey completed 2/5/68 | Name of Mineral Surveyor Harvey W. Smith | |

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| FEET | |
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| | <p>This survey was made with a Swiss Kern theodolite, Model DKM1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and twenty-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles, direct to 10 seconds accuracy and estimating to one second accuracy. The instrument was in good condition at the time of the survey and all adjustments were in good order.</p> <p>All azimuths in this record were determined by the method of horizontal-angles-right referred to the meridian established by direct observation on the sun. At 10:08:30 A.M. on October 28, 1967 at Cor. No. 1 of the Humbolt No 1 Lode, latitude $32^{\circ}33'25.8''$ N. longitude $110^{\circ}47'46.4''$ W., turning from a reference point about 350 ft. northwestward, clockwise to the sun in a southeast direction.</p> <p>True bearing of reference point N. $53^{\circ}39'35''$ W.</p> <p>The lines were measured with a Lufkin Steel Tape, 300 feet in length, graduated every foot for 299 feet and the remaining foot graduated to tenths and hundredths. One additional foot at the zero end of the tape is also graduated in tenths and hundredths. The tape was compared to a standard and found to be correct. All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 14° East.</p> |
| | <p>HUMBOLT LODE</p> |
| | <p>At cor. No. 1 of the HUMBOLT lode, identical with cor. No. 4 of the Humbolt No 1 lode of this survey.</p> <p>Set an iron post, $3/4$ ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 1 H 1 4x; from which</p> <p style="padding-left: 40px;">The $1/4$ cor. of secs. 15 and 22, T.10S., R. 15 E., G. & S.R.M., bears S. $56^{\circ}22'55''$ E. 2,127.84 ft. dist.; an iron post, 1 in. diam., 14 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p style="padding-left: 40px;">A mound of stones adjacent to the iron post.</p> <p style="padding-left: 40px;">Thence S. $37^{\circ}52'40''$ W.</p> |
| 170.0 | Center of unimproved road bears N. 83° W. and S. 83° E. |
| 200.0 | Right bank of Canyon del Oro Creek, 25 ft. wide, course N. 82° W. |
| 300.0 | Lode line; discovery point bears N. $60^{\circ}30'45''$ W., 300.0 ft. dist. |
| 600.0 | Cor. No. 2, identical with Cor. No. 3 of the Humbolt No 1 lode of this survey. |
| | <p>Set an iron post, $3/4$ ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H2 H1 3x; from which</p> |

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| | <p>A mound of stones adjacent to the iron post. Thence N. 60°30'45" W.</p> |
| 1495.71 | <p>Cor. No. 3</p> |
| | <p>Set an iron post, 3/4 ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 3x; from which</p> |
| | <p>A mound of stones adjacent to the iron post.</p> |
| | <p>Thence N. 37°52'40" E.</p> |
| 300.0 | <p>Lode line; discovery point bears S. 60°30'45" E., 1,195.71 ft. dist.</p> |
| 501.18 | <p>Witness point for Cor. No. 4.</p> |
| | <p>Set an iron post, 3/4 ins. diam., 20 ins. long in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 4 W C X; from which</p> |
| | <p>A mound of stones adjacent to the iron post.</p> |
| 575.0 | <p>Left bank Canyon del Oro Creek, 25 ft. wide, course N. 87° W.</p> |
| 600.0 | <p>Cor. No. 4</p> |
| | <p>This corner falls on the right bank of Canyon del Oro Creek where it would soon be obliterated.</p> |
| | <p>Thence S. 60°30'45" E.</p> |
| 920.0 | <p>Left bank of Canyon del Oro Creek, 25 ft. wide, course N. 5° E.</p> |
| 985.0 | <p>Unimproved road bears North and South.</p> |
| 1495.71 | <p>Cor. No. 1, and place of beginning.</p> |
| <p>Humbolt No 1 LODE</p> | |
| | <p>At Cor. No. 1 of the Humbolt No 1 lode, on line 4-1 of the Humbolt #2 lode of this survey.</p> |
| | <p>Set an iron post, 3/4 ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the</p> |

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| | <p>ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 1 lx; from which</p> <p>The 1/4 cor. of secs. 15 and 22, bears S. 54° 54' E., 639.14 ft. dist.; previously described.</p> <p>A mound of stones adjacent to the iron post.</p> <p>Thence S. 37° 52' 40" W.</p> |
| 110.0 | Right bank of Canyon del Oro Creek, 30 ft. wide, course, N. 35° W. |
| 300.0 | Lode line; discovery point bears N. 57° 01' 05" W., 750 ft. dist., and Cor. No. 4 of the Humbolt # 2 lode of this survey. |
| 600.0 | Cor. No. 2 |
| | <p>Set an iron post, 3/4 ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 1 2x; from which</p> <p>A mound of stones adjacent to the iron post.</p> <p>Thence N. 57° 01' 05" W.</p> |
| 1489.0 | Cor. No. 3, identical with Cor. No. 2 of the Humbolt lode of this survey; previously described. |
| | Thence N. 37° 52' 40" E. |
| 300.0 | Lode line; discovery point bears S. 57° 01' 05" E., 739.0 ft. dist. |
| 375.0 | Left bank of Canyon del Oro Creek, 25 ft. wide, course N. 82° W. |
| 430.0 | Unimproved road bears N. 83° W. and S. 83° E. |
| 600.0 | Cor. No. 4, identical with Cor. No. 1 of the HUMBOLT LODE of this survey; previously described. |
| | Thence S. 57° 01' 05" E. |
| 375.0 | Unimproved road bears S. 72° E., and N. 73° W. |
| 1489.0 | Cor. No. 1, and place of beginning. |
| Humbolt # 2 LODE | |
| | <p>At Cor. No. 1 of the Humbolt # 2 lode.</p> <p>This corner falls on a precipitous cliff area where a monument cannot be established. The cliff is approximately 100 ft. high and strikes N. 65° W. From this point</p> <p>The 1/4 cor. of secs. 15 and 22 bears S. 29° 16' 15" E., 692.76 ft. dist.; previously described.</p> |

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| 1490.36 | <p>Thence S. $72^{\circ}59'45''$ E.</p> <p>Cor. No. 2</p> |
| | <p>Set an iron post, $3/4$ ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 2 2x; from which</p> |
| | <p>A mound of stones adjacent to the iron post.</p> |
| | <p>Thence S. $37^{\circ}52'40''$ W.</p> |
| 293.42 | <p>Lode line; discovery point bears N. $73^{\circ}14'35''$ W., 100.0 ft. dist.</p> |
| 575.0 | <p>Unimproved road, bears N. 5° W. and S. 5° E.</p> |
| 586.85 | <p>Cor. No. 3</p> |
| | <p>Set an iron post, $3/4$ ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 2 3x; from which</p> |
| | <p>A wood post, 6x8 ins. in size, 4 ft. high, stands adjacent to the iron post.</p> |
| | <p>Thence N. $73^{\circ}28'40''$ W.</p> |
| 105.0 | <p>Right bank of Canyon del Oro Creek, 45 ft. wide, course N. 18° E.</p> |
| 725.0 | <p>Left bank of Canyon del Oro Creek, 45 ft. wide, course S. 57° W.</p> |
| 1230.0 | <p>Right bank of Canyon del Oro Creek, 30 ft. wide, course N. 31° W.</p> |
| 1496.05 | <p>Cor. No. 4, on line 1-2 of the Humbolt No 1 lode of this survey.</p> |
| | <p>Set an iron post, $3/4$ ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 2 4x; from which</p> |
| | <p>A wood post, 6x6 ins. in size, 5 ft. high, in a mound of stones adjacent to the iron post.</p> |
| | <p>Thence N. $37^{\circ}52'40''$ E.</p> |
| 160.0 | <p>Left bank of Canyon del Oro Creek, 30 ft. wide, course N. 35° W.</p> |

SURVEY NO. 4662

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| FEEET | | <p>Lode line; discovery point bears S. 73°14'35" E., 1393.67 ft. dist., and Cor. No. 1 of the Humbolt No 1 lode of this survey.</p> <p>300.0</p> <p>320.0 Unimproved road bears N. 42° W. and S. 40° E.</p> <p>557.63 Witness point for Cor. No. 1</p> <p>Set an iron post, 3/4 ins. diam., 20 ins. long, in a 25 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4662 H 2 1 WCx; from which</p> <p>A mound of stones adjacent to the iron post.</p> <p>600.0 Cor. No. 1, and place of beginning.</p> |
| Survey No. 4662 | | |
| AREAS | | |
| | | Acres |
| | Total area, HUMBOLT lode | 20.398 |
| | Total area, Humbolt No 1 lode | 20.453 |
| | Total area, Humbolt # 2 lode | 18.982 |
| LOCATION | | |
| | This survey is located in the SE 1/4 & SW 1/4 sec. 15, SE 1/4 sec. 16, and NE 1/4 & NW 1/4 Sec. 22, T.10S., R. 15 E., G & S. R. Mer. Sec. 22 is unsurveyed. | |
| | The survey of the HUMBOLT, Humbolt No 1 and Humbolt # 2 lodes is identical with the respective location or amended location as marked on the ground. | |
| 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 their grantors are as follows: | |
| No. 1 | The discovery point of the HUMBOLT lode is on the lode line, 300.0 ft. from a point on line 1-2, 300.0 ft. from Cor. No. 1 | |
| | Value, None | |
| No. 2 | An adit and stope, the portal of which bears N. 39°30'W., 438.0 ft., from Cor. No. 2 of the HUMBOLT lode; 4x5 ft. in size, running S. 82° W., 35.0 ft. to a stope which opens to the surface above. | |
| | Value, \$2,000.00 | |
| No. 1 | The discovery point of the Humbolt No 1 lode is on the lode line 750.0 ft. from a point on line 1-2, 300.0 ft. | |

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| | <p>from Cor. No. 1 Value, None</p> | |
| No. 2 | <p>A cut, the NE. end of which bears N. 66°30' W., 732.0 ft. from Cor. No. 1 of the Humbolt No 1 lode; 8 ft. wide, running S. 51° W., 20 ft. to a face, 12 ft. high at the SW. end. Value \$500.00</p> | |
| No. 1 | <p>The discovery point of the Humbolt # 2 lode is on the lode line 100.0 ft. from a point on line 2-3, 293.42 ft. from Cor. No. 2. Value, None</p> | |
| No. 2 | <p>A cut, the SE. end of which bears N. 73° W., 170 ft. from Cor. No. 3 of the Humbolt # 2 lode; 5 ft. wide, running N. 75° W., 6.0 ft. to a face 6 ft. high at the NW. end. Value, \$150.00</p> | |
| | <p>An interest in a common improvement described as follows: A new access road built and maintained by the claimants. The road, which traverses the length of the three lodes, is the only access to the claim. Value of road, \$1,500.00 Value of one-third interest, \$500.00</p> <p>This improvement is continually maintained for the development of the three lodes of this survey which are all contiguous lode claims owned in common within range of benefit of said road.</p> <p>The surface rises rapidly on both sides of the road consequently this road is the only practical and economical access to properly develop each of the stated lodes.</p> <p>Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-third interest in its value is hereby credited to each of said lodes.</p> <p>No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.</p> <p style="text-align: center;">OTHER IMPROVEMENTS</p> <p>An adit, 5x5 ft. in size, the portal of which bears S. 80°30' W., 588.0 ft. from Cor. No. 1 of the HUMBOLT lode; runs S. 63° W., 25 ft. Claimant unknown</p> <p>An adit, 4x5 ft. in size, the portal of which bears</p> | |

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| | <p>S. 81°W., 710.0 ft. from Cor. No. 1 of the HUMBOLT lode; runs N. 77° W., 50 + ft. The slope from improvement No. 2 of the HUMBOLT lode surfaces at the portal of this improvement.</p> <p>Claimant unknown</p> <p>A cut, the East end of which bears S. 86° W., 692.0 ft. from Cor. No. 1 of the HUMBOLT lode; 5 ft. wide, running S. 86° W., 15 ft. to a face 6 ft. high at the west end.</p> <p>Claimant unknown</p> <p>A cut and adit, the East side of the cut bears S. 88° W., 885.0 ft. from Cor. No. 1 of the HUMBOLT lode; 10 ft. wide, running North, 10 ft. and South, 10 ft. on the West side the face is 10 ft. high and an adit, 4x5 ft. in size, runs West, 8 ft.</p> <p>Claimant unknown.</p> <p>A cut, the East end of which bears N. 88° W., 963.0 ft. from Cor. No. 1 of the HUMBOLT lode; 3 ft. wide, 2 ft. deep, running West, 8 ft.</p> <p>Claimant unknown</p> <p>A cut, the East end of which bears N. 87° W., 978.0 ft. from Cor. No. 1 of the HUMBOLT lode; 8 ft. wide, 3 ft. deep running west, 12 ft.</p> <p>Claimant unknown</p> <p>An inclined pit, the collar of which bears S. 80° 15' E., 665.0 ft. from Cor. No. 3 of the HUMBOLT lode; 4x6 ft. in size, running N. 65° E., inclined at 31° to a depth of 8 ft.</p> <p>Claimant unknown</p> <p>A cut, the East end of which bears N. 89°45' W., 830.0 ft. from Cor. No. 2 of the Humbolt # 2 lode; 8 ft. wide, 2 ft. deep, running West, 12 ft.</p> <p>Claimant unknown</p> <p>A frame house with log siding, the NE. cor. of which bears S. 77°45' W., 542.0 ft. from Cor. No. 2 of the Humbolt # 2 lode; 36x40 ft. in size, the long sides bear S. 3° W.</p> <p>Claimant herein</p> <p>A frame storehouse, the NE. cor. of which bears S. 72° W., 450.0 ft. from Cor. No. 2 of the Humbolt # 2 lode; 14 x 21 ft. in size, the long sides bear N. 45° W.</p> <p>Claimant herein.</p> <p>A frame building covered with corrugated sheet steel, the SE., cor. of which bears N. 56°30' W., 68.0 ft. from Cor. No. 3 of the Humbolt # 2 lode; 18x18 ft in size; the sides run North-South and East-West.</p> <p>Claimant herein</p> |

| <p>FEET</p> | <p>A fenced corral, the SE. Cor. of which bears N. 35° E., 162.0 ft. from Cor. No. 3 of the Humbolt # 2 lode; 50 ft. wide, 85 ft. long on the north side, and 60 ft. long on the south side; the long sides bear N. 70° W.</p> <p style="text-align: center;">Claimant herein</p> <p>A frame building, the SE. Cor. of which bears N. 73°30' W., 445.0 ft. from Cor. No. 3 of the Humbolt # 2 lode; 12x20 ft. in size; the long sides bear S. 72° W.</p> <p style="text-align: center;">Claimant unknown</p> <p style="text-align: center;">OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p style="text-align: center;">NONE</p> | | | | |
|--------------------|---|------|----------|--------------------|-----------------|
| | <p>FIELD ASSISTANTS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 60%;">Name</th> <th style="text-align: left;">Capacity</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Theodore Hilbrands</td> <td style="padding: 5px;">Chainman-Axeman</td> </tr> </tbody> </table> | Name | Capacity | Theodore Hilbrands | Chainman-Axeman |
| Name | Capacity | | | | |
| Theodore Hilbrands | Chainman-Axeman | | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT


CERTIFICATE OF SURVEYOR

| | |
|--------------------------|--------------|
| Name of Mineral Surveyor | Date |
| Harvey W. Smith | Feb. 6, 1968 |

I HEREBY CERTIFY That in pursuance of an order received from the Chief, Division of Engineering, Bureau of Land Management, at Phoenix, Arizona, dated Oct. 27, 1967 & ^{Amended} Feb. 1, 1968, I have carefully executed the survey of the claim of Robert A. Burney & Lilla Burney known as the (lode, placer, or mill site) HUMBOLT, Humbolt No 1 & Humbolt #2 lodes situated in Old Hat Mining District, Pinal County, Secs. 15, 16 & 22 (Sec. 22 Uns.), Township 10S., Range 15E., Gila & Salt River Meridian, in the State of Arizona

This survey, designated as number 4662, 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 the 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) HUMBOLT, Humbolt No 1 & Humbolt #2 lode location(s) embraced in the said mining claim by claimant(s) or their 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.


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| Scottsdale, Arizona (Location) |  (Signature of Mineral Surveyor) |
| Harvey W. Smith | |

CERTIFICATE OF APPROVAL

Bureau of Land Management

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|----------------------|
| Office |
| Arizona State Office |
| Location |
| Phoenix, Arizona |
| Date |
| April 9, 1968 |

The foregoing field notes of mineral survey number 4662, in Sections 15, 16 and 22 (Secs. 15 & 16 are surveyed -- Section 22 is unsurveyed) surveyed & unsurveyed Township 10 S., Range 15 E., Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated October 27, 1967, & amended February 1, 1968, 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.

| | |
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|  Fred J. Welles (Authorized Signature) | State Director (Title) |
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CERTIFICATE OF TRANSCRIPT

I 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) |
|------------------------|---------|

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.

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STATE OF TEXAS
COUNTY OF [illegible]
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