

Form 4-683
(April 1959)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4615

State

Arizona

Land District

Arizona

FIELD NOTES

Of the Survey of the Mining Claim of *(Name & address of Claimant)*

Gus Gavin and Sofia Gavin
c/o Twitty, Sievwright & Mills, Attys. at Law
Title and Trust Building
Phoenix, Arizona

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Taurus # 2	12/19/63	

Mining District Pima		County Pima		Section 1 & 2
Township 18 S.	Range 12 E.	Meridian G. & S. R. B. & M.		Surveyed under order dated Jan. 22, 1964
Survey commenced Jan. 23, '64	Survey completed Jan. 29, '64	Name of Mineral Surveyor Harvey W. Smith		

SURVEY NO. 4615

(1)

States
Feet

This survey was made with a Swiss Kern theodolite transit, 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 is equipped with a colored eye-shade to be attached for making direct observations on the sun. The instrument was in good shape at the time of the survey and all adjustments were in good order.

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 2:00 PM on January 29, 1964 at cor. No. 1 of the Taurus # 2 lode, latitude $31^{\circ} 52' 20''$ North, longitude, $111^{\circ} 04' 34''$ West, turning from a reference pt. about 600 ft. North-east clockwise to the sun in a southwest direction.

True bearing of reference pt.

N. $15^{\circ} 07'$ E.

The lines were measured with a Lufkin "Highway" steel tape, 300 ft. in length graduated every ft. for 299 ft. and the remaining ft. graduated to tenths and hundredths. One additional ft. at the "0" end of the tape 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.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ} 30'$ East.

Survey No. 4615

TAURUS # 2 LODE

Beginning at cor. No. 1 of the Taurus # 2 lode, identical with cor. No. 1, Sur. No. 4493, Taurus # 2 lode.

Fd. an iron post, $3/4$ in. diam., 6 ins. above ground, firmly set, with a brass cap properly mkd. as described in the official record to which I add mks. M.S. 4615; from which

The South $\frac{1}{4}$ Cor., Sec. 1, T.18S., R.12E., G. & S.R.B.&M., bears S. $64^{\circ} 42' 30''$ E., 1,788.75 ft. dist.; a stone, 6 x 8 ins., 5 ins. above ground properly mkd. $\frac{1}{2}$ X.

Cor. No. 3, Sur. No. 4493, Taurus lode, bears N. $44^{\circ} 08' 30''$ W., 505.35 ft. dist.

Cor. No. 4, Contention No. 2 lode, identical with cor. No. 1, Contention lode, both of Sur. No. 4495, bears N. $3^{\circ} 05' 50''$ E., 273.19 ft. dist.

A mound of stones sets adjacent to the iron post.

XCHANGES Feet	Thence S. 81° 15' W.
35.35	Intersect line 2-3, Sur. No. 2030, Senator Morgan lode at a pt. from which cor. No. 2 bears N. 79° 53' W., 1,118.70 ft. dist.
109.91	Intersect line 1-2, Sur. No. 4493, Taurus lode, at a pt. from which cor. No. 2 bears N. 71° 59' W., 271.60 ft. dist.
366.84	Intersect line 4-1, Sur. No. 4495, Contention No. 2 lode, at a pt. from which cor. No. 4, identical with cor. No. 1 of the Contention lode of the same survey, bears N. 48° 57' E., 500.36 ft. dist.
476.99	Intersect line 1-2, Sur. No. 4495, Contention No. 2 lode, at a pt. from which cor. No. 1 bears S. 41° 12' E., 58.86 ft. dist.
1033.95	Intersect the line bet. secs. 1 & 2 at a pt. from which the pt. for the S. 1/16 cor. of secs. 1 & 2, T.18S., R.12E., G.&S.R.B.&M., bears N. 0° 07' W., 699.08 ft. dist. No trace of this cor. was found.
1223.82	Intersect line 1-2, Sur. No. 2030, Senator Morgan lode, common with line 4-1, Gladstone lode, of the same survey, at a pt. from which cor. No. 2 of the Senator Morgan lode, identical with cor. No. 4 of the Gladstone lode, bears N. 11° 00' E., 384.36 ft. dist.
1295.63	Cor. No. 2 Set an iron post, 2 ins. diam., 4½ ft. long, in a concrete base, 12 ins. in diam., 18 ins. in the ground, with an iron cap, 3 ins. diam., mkd. MS 4615 T2 2 X; from which Cor. No. 2, Sur. No. 2030, Senator Morgan lode, identical with cor. No. 4 of the Gladstone lode of the same survey, bears N. 20° 23' 25" E., 414.26 ft. dist. Cor. No. 1, Sur. No. 4495, Contention No. 4 lode, bears N. 65° 26' 40" E., 717.76 ft. dist.
300.00	Thence N. 15° 07' E. Lode line; discovery cut bears N. 81° 15' E., 480 ft. dist.
409.73	Cor. No. 2, Sur. No. 4493, Taurus # 2 lode.
409.73	Intersect line 1-2, Sur. No. 4495, Contention No. 4 lode, at a pt. from which cor. No. 1 bears S. 79° 54' E., 554.59 ft. dist.
416.85	Intersect line 3-4, Sur. No. 2030, Gladstone lode at a pt. from which cor. No. 4, identical with cor. No. 2 of the Senator Morgan lode of the same survey, bears S. 68° 31' E., 38.26 ft. dist.

SURVEY NO. 4615

(3)

Feet	
600.00	Cor. No. 3, identical with cor. No. 3, Sur. No. 4493, Taurus # 2 lode.
	Fd. an iron post, 3/4 in. diam., 6 ins. above ground, firmly set, with a brass cap, 2 ins. diam., mkd. MS 4493 T2 3 X to which I add mks. MS 4615; from which
	A mound of stones sets adjacent to the iron post.
	Thence N. 81° 15' E.
102.23	Intersect the line bet. secs. 1 & 2 at a pt. from which/ the S. 1/16 Cor. of secs. 1 & 2, T. 18 S., R. 12 E., G. & S.R.B. & M., bears N. 0° 07' W., 154.09 ft. dist. the pt. for
226.98	Intersect line 1-2, Sur. No. 4495, Contention No. 2 lode, at a pt from which cor. No. 1 bears S. 41° 12' E., 709.14 ft. dist.
236.64	Intersect line 4-1, Sur. No. 4495, Contention No. 4 lode, at a pt. from which cor. No. 1 bears S. 39° 38' E., 411.46 ft. dist.
240.00	Right bank, dry wash, 11 ft wide, course, S. 45° E.
931.70	Intersect line 3-4, Contention No. 2 lode, common with line 1-2, Contention lode, both of Sur. No. 4495, at a pt. from which Cor. No. 4 of the Contention No. 2 lode, identical with cor. No. 1 of the Contention lode, bears S. 40° 58' E., 332.55 ft. dist.
1295.63	Cor. No. 4, identical with cor. No. 4, Sur. No. 4493, Taurus # 2 Lode.
	Fd. an iron post, 3/4 in. diam., 6 ins. above ground, firmly set, with a brass cap, 2 ins. diam., mkd. MS 4493 T2 4 X to which I add mks. MS 4615; from which
	A mound of stones sets adjacent to the iron post.
	Thence S. 15° 07' W.
247.94	Intersect line 4-1, Sur. No. 4495, Contention lode, at a pt. from which cor. No. 1 bears S. 48° 57' W., 102.16 ft. dist.
267.57	Intersect line 3-4, Sur. No. 4493, Taurus lode, at a pt. from which cor. No. 3 bears N. 84° 34' W., 440.62 ft. dist.
300.0	Lode line; discovery pt. bears S. 81° 15' W., 815.63 ft. dist.
332.0	Left bank, dry wash, 12 ft. wide, course S. 40° E.
565.0	Unimproved road, course N. 67° W. and S. 67° E.

X0000000 Feet 600.00	Cor. No. 1 and the place of beginning.
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Survey No. 4615

AREAS

	Acres
Total area, Taurus # 2 lode	16.320
Area in conflict with	
Sur. No. 2030, Senator Morgan lode	.4.935
Sur. No. 2030, Gladstone lode	0.480
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 2, T.18S., R.12E., G. & S.R.B. & M., Arizona	2.292
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 2, T.18S., R.12E., G. & S.R.B. & M., Arizona exclusive of its conflict with Sur. No. 2030, Senator Morgan and Gladstone lodes	0.595
Sur. No. 4495, Contention No. 2 lode	7.042
Sur. No. 4495, Contention No. 2 lode exclusive of its conflict with Sur. No. 2030, Senator Morgan lode	6.343
Sur. No. 4495, Contention lode	1.337
Sur. No. 4495, Contention No. 4 lode	2.166
Sur. No. 4495, Contention No. 4 lode exclusive of its conflict with Sur. No. 2030, Senator Morgan and Gladstone lodes; SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 2, T.18S., R.12E., G. & S.R.B. & M., Arizona and Sur. No. 4495, Contention No. 2 lode	1.541
Sur. No. 4493, Taurus lode	3.067
Sur. No. 4493, Taurus lode exclusive of its conflict with Sur. No. 2030, Senator Morgan lode; and Sur. No. 4495, Contention and Contention No. 2 lodes.	1.072
Sur. No. 4493, Taurus # 2 lode	10.748
Sur. No. 4493, Taurus # 2 lode exclusive of its conflict with Sur. No. 2030, Gladstone lode; SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 2, T.18S., R.12E., G. & S.R.B. & M., Arizona; Sur. No. 4495, Contention, Contention No. 2 and Contention No. 4 lodes; and Sur. No. 4493, Taurus lode	0.007

LOCATION

This survey is located in the SW $\frac{1}{4}$, Sec. 1 and the SE $\frac{1}{4}$, Sec. 2, T.18S., R.12E., G. & S. R.B. & M., Arizona

The survey of the Taurus # 2 lode is identical with its 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:

SURVEY NO. 4615

(5)

CORNER
Feet

No. 1 The discovery cut of the Taurus # 2 lode is on the lode line, 480 ft. from a pt. on line 2-3, 300.0 ft. from cor. No. 2; 4 x 8 ft. in size, 10 ft. deep.

Value, \$125.00

No. 2 A pit, the SW. cor. of which bears N. 16° E., 140 ft. dist. from cor. No. 2 of the Taurus # 2 lode; 6 x 15 ft. in size, 3 ft. deep. Sur. No. 4493

Value, \$125.00

No. 3 A diamond drill hole, # 259, bears N. 20° E., 429 ft. dist. from cor. No. 2 of the Taurus # 2 lode; 2½ ins. diam., 205 ft. deep.

Value, \$1,200.00, \$250.00 credit apportioned to this claim, Taurus # 2.

OTHER IMPROVEMENTS

A pit, the SW. cor. of which bears N. 30° E., 85 ft. dist. from cor. No. 2 of the Taurus # 2 lode; 15 x 18 ft. in size. 10 ft. deep.

Claimant unknown

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 2030, Senator Morgan lode; Cor. No. 3, identical with cor. No. 5, Sur. No. 2030, Senator Morgan No. 2 lode is a mound of stones, 3 ft. diam. at the base, 3 ft. high. The original marker stone apparently has been obliterated therefore I used the center of the monument for the pt. Cor. No. 2, Senator Morgan lode, identical with cor. No. 4, Sur. No. 2030, Gladstone lode, is an iron post, 2 ins. diam., 12 ins. above ground, properly mkd. This monument has apparently replaced the original stone marker. Line 2-3, Senator Morgan lode, was found to be S. 79° 53' E., 1514.77 ft. instead of S. 79° 00' E., 1500 ft. as approved. Lines 1-2 and 3-4 are shown as approved. Line 3-4, Gladstone lode was found to be S. 68° 31' E., 1488.12 ft. instead of S. 68° 15' E., 1500.00 ft. as approved. Line 4-1 is shown as approved.

Sur. No. 4495, Contention lode; Cors. Nos. 2 & 4 and cor. No. 1 identical with cor. No. 4, Contention No. 2 lode are iron posts with brass caps properly mkd. All lines were found to be correct and are shown as approved.

Sur. No. 4495, Contention No. 2 lode; Cors. Nos. 1 & 2 are iron posts with brass caps properly mkd., Cors. Nos. 3 & 4 identical with Cors. Nos. 2 & 1 respectively of the Contention lode are iron posts with brass caps properly mkd. All lines were found to be correct and are shown as approved.

CHAINS
Feet

Survey No. 4495, Contention No. 4 lode; Cors. Nos. 1 & 2 are iron posts with brass caps properly mkd. Cor. No. 4, identical with cor. No. 1 of the Contention No. 3 lode is an iron post with a brass cap properly mkd. All lines were found to be correct and are shown as approved.

Sur. No. 4493, Taurus lode; Cors. Nos. 1, 2, 3 & 4 are iron posts with brass caps properly mkd. All lines were found to be correct and are shown as approved.

Sur. No. 4493, Taurus # 2 lode; Cor. No. 2 is an iron post with a brass cap properly mkd. Cors. Nos. 1, 3 & 4 described above. All lines were found to be correct and are shown as approved.

FIELD ASSISTANT

Name	Capacity
Lloyd Cleveland	Chainman-Axeman

Claimant unknown

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 2030, Senator Morgan lode; Cor. No. 3 identical with cor. No. 2, Sur. No. 2030, Senator Morgan lode is a mound of stones, 3 ft. diam. at base, 3 ft. high. The original marker stone apparently has been obliterated therefore I used the center of the monument for the pt. Cor. No. 2, Senator Morgan lode identical with cor. No. 1, Sur. No. 2030, Senator Morgan lode, is an iron post, 2 ins. diam., 12 ins. above ground, properly mkd. This monument has apparently replaced the original stone marker. Line 2-3, Senator Morgan lode, was found to be 2.72' E., 11.17' N. instead of 2.72' E., 15.00' N. as approved. Line 3-4, Senator Morgan lode, was found to be 2.68' E., 14.12' N. instead of 2.68' E., 15.00' N. as approved. Line 4-1 is shown as approved.

Sur. No. 4495, Contention lode; Cors. Nos. 1 & 2 and cor. No. 1 identical with cor. No. 1, Contention No. 2 lode are iron posts with brass caps properly mkd. All lines were found to be correct and are shown as approved.

Sur. No. 4495, Contention No. 2 lode; Cors. Nos. 1 & 2 are iron posts with brass caps properly mkd. Cor. Nos. 3 & 4 identical with Cors. Nos. 1 & 2 respectively of the Contention lode are iron posts with brass caps properly mkd. All lines were found to be correct and are shown as approved.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Feb. 7, 19 64

I, Harvey W. Smith,
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
 _____ State Director _____, at Phoenix, Arizona
 dated Jan. 22, 1964, I have faithfully and correctly executed the survey of
 the mining claim of Gus Gavin and Sofia Gavin,
 known as the Taurus # 2 Lode
(Lode, placer, or mill site)
 situate in Pima Mining District, Pima County, Secs. 1 and 2,
 T. 18 S., R. 12 E., G. & S.R.B. & Meridian, Arizona, and
(State)
 designated as Survey No. 4615, which is represented in the foregoing field notes as having been
 executed by me and under my direction, and that said survey has been made in strict conformity with said order,
 the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
 described in the foregoing field notes, and I do further certify that the labor expended and improvements made
 upon or for the benefit of the lode location(s) embraced in the said mining claim by
(Lode or placer)
 claimant(s) or their grantors are fully stated in my report therein, and that the character,
 extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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.

Scottsdale, Arizona
(Place)

Harvey W. Smith
 Harvey W. Smith
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, State Office
(Office)
Phoenix, Arizona February 25, 19 64
(Place) (Date)

The foregoing field notes of mineral survey No. 4615, in Pima Mining District,
Secs. 1 and 2, T. 18 S., R. 12 E., G. & S. R. Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
(State)
 under order dated January 22, 1964, 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.

Raymond C. Cleghorn
 Raymond C. Cleghorn
 Acting State Director
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
 is a true copy of the original field notes.

(Title)

