

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4476

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

A. B. Capt. and Ursula Capt.

Known As The

Pady Smith and Coolidge Lodes

Hartford Mining District,

Cochise County, Arizona

Section 5, Township 24 S., Range 21 E., G&S R.M.

Surveyed under order dated November 19, 1958

by Robert Lenon
Mineral Surveyor.

Claim located July 8, 1929

Survey commenced January 29, 1959

Survey completed February 5, 1959

Address of claimant c/o Gentry, McNulty & Kimble, Attorneys
Drawer T, Bisbee, Arizona

DATES OF AMENDED LOCATIONS

September 5, 1958

CHAINS
Feet

This survey was made with a Bausch and Lomb Precise Transit No. 9259, with horizontal limb $5\frac{1}{2}$ ins. diam., having two single opposite verniers, and full vertical circle $4\frac{1}{4}$ ins. diam., having two double opposite verniers, all verniers reading to one minute of arc; the eyepiece is equipped with a colored glass set in the dust shutter for making direct observations upon the sun. The 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 the method of double horizontal angles referred to the meridian determined by the following observations:

February 5th, 1959, at an auxiliary point lying N'y of the NE Cor. of Sec. 5, T. 24 S., R. 21 E., in latitude $31^{\circ} 23' N.$, and longitude $110^{\circ} 13' W.$, I make a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from NE Cor. of Sec. 5, 800 ft., SE'y to the sun.

Mean time of observation

105th meridian standard time = $4^h 30^m p.m.$ $4^h 40^m p.m.$

Declination of sun at mean

time of observation = $15^{\circ} 55' S.$

Mean observed vertical angles

to sun's center = $15^{\circ} 56'$ $14' 55\frac{1}{2}'$

Mean horizontal angles from ref-

erence point to sun's center = $60^{\circ} 34'$ $61^{\circ} 25\frac{1}{2}'$

True bearing to reference point = $S. 1^{\circ} 04' E.$

The lines were measured with a Lufkin steel tape, 500 ft. in length, graduated every foot, with the end feet graduated to tenths and hundredths, and a Chicago steel tape, 300 ft. in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods where the lines are accessible; the tie to the section corner was triangulated.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ} 00' E.$

COOLIDGE LODGE

Beginning at Cor. No. 1, Coolidge lode, identical with Cor. No. 1, Pady Smith lode, this survey.

Set an iron pipe, 30 ins. long, $1\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. C-1-PS-1-4476; from which

The NE cor. of Sec. 5, an iron pipe 2 ins. diam., 15 ft. above ground, bears N. $51^{\circ} 26' E.$, 3837.4 ft. dist.

An oak tree, 8 ins. diam., bears S. $85^{\circ} 45' E.$, 28.9 ft. dist., mkd. 4476-X-BT.

Cor. No. 3, Sur. No. 4374, Peggie lode, an iron pipe with brass cap, firmly set and properly mkd., bears S. $15^{\circ} 42' W.$, 314.35 ft. dist.

Character
Feet

Thence S. 89° 48' W.

510.0 Coolidge Canyon, 7 ft. wide, course N. 20° E.

1500.0 Cor. No. 2, identical with Cor. No. 4, Pady Smith lode, this survey, NE Cor. Hoover and SE Cor. Washington lodes, unsurveyed.

Set an iron pipe, 30 ins. long, 1½ ins. diam., 2½ ins. in the ground, with brass cap mkd. C-2-PS-4-4476; from which

A rhyolite outcrop, 36 x 48 ins., 60 ins. high, bears S. 80° E., 40.0 ft. dist.

Thence N. 0° 12' W.

300.0 Lode line; discovery point bears N. 89° 48' E., 850 ft. dist.

600.0 Cor. No. 3, identical with NE Cor. Washington lode, unsurveyed, and falling on line 2-3, Survey No. 4285, Moon lode.

Set an iron pipe, 30 ins. long, 1½ ins. diam., 2½ ins. in the ground, with brass cap mkd. C-3-4476; from which

Cor. No. 3, Sur. No. 4285, Moon lode, a porphyry rock 10 x 7 ins. above ground, bears S. 89° 48' W., 2.5 ft. dist.

A porphyry ledge, 8 x 20 ins., 10 ins. above ground, bears N. 19° 20' W., 16.7 ft. dist., mkd. X-BR.

An oak tree, 18 ins. diam., bears N. 33° 20' W., 44.7 ft. dist., mkd. 4476-X-BT.

Thence N. 89° 48' E.

870.0 Gulch, 4 ft. wide, course S. 80° E.

1500.0 Cor. No. 4, identical with Cor. No. 2, Sur. No. 4285, Moon lode, and falling on the W'ly end line of Ashworth lode, unsurveyed.

Found an "X" on a limestone ledge, 8 x 136 ins., 8 ins. above ground. Set a hardened steel nail with a ½ in. brass washer in the center and marked C-4-4476 on the ledge; from which

A quartzite ledge, 10 x 50 ins., 3 ins. above ground, bears S. 60° 10' W., 16.5 ft. dist., mkd. X-BR-4476.

A quartzite ledge 48 x 60 ins., 12 ins. above ground, bears S. 49° 20' E., 21.7 ft. dist., mkd. X-BR-4476.

Thence S. 0° 12' E.

10.0 Coolidge Canyon, 20 ft. wide, course N. 80° E.

300.0 Lode line; discovery point bears S. 89° 48' W., 650 ft. dist.

Set a wooden stake, 1 x 2 ins., 6 ins. above ground; raised a mound of stone alongside.

600.0 Cor. No. 1, and place of beginning.

Feet	PADY SMITH LODE	
	Beginning at Cor. No. 1, Pady Smith lode, identical with Cor. No. 1, Coolidge lode, this survey, previously described.	
	Thence S. 0° 12' E.	
185.6	Intersect line 3-4, Sur. No. 4374, Peggie lode, at a point from which Cor. No. 3 bears S. 36° 13' W., 145.05 ft. dist.	
300.0	Lode line; discovery point bears S. 89° 48' W., 900 ft. dist. Set a wooden stake, 1 x 2 ins., 4 ins. above ground, and raised a mound of stone alongside.	
369.36	Intersect line 2-3; Sur. No. 4374, Peggie lode, at a pt. fr. which Cor. No. 3 bears N. 52° 18' W., 109.13 ft. dist.	
600.0	Cor. No. 2. Set an iron pipe, 30 ins. long, 1½ ins. diam., 24 ins. in the ground, with brass cap mkd. PS-2-4476; from which An oak tree, 8 ins. diam., bears N. 48° 20' W., 16.8 ft. dist., mkd. 4476-X-BT. Thence S. 89° 48' W.	
735.0	Coolidge Canyon, 4 ft. wide, course N. 20° E.	
1500.0	Cor. No. 3, identical with SE Cor. Hoover lode, unsurveyed. Set an iron pipe, 30 ins. long, 1½ ins. diam., 24 ins. in the ground, with brass cap attached, mkd. PS-3-4476; from which A limestone boulder 48 x 18 ins., 20 ins. high, bears N. 81° 10' E. 19.3 ft. dist., mkd. X-BT-4476. Thence N. 0° 12' W.	
300.0	Lode line; discovery point bears N. 89° 48' E., 600 ft. dist. Set a wooden stake and raised a mound of stone alongside.	
600.0	Cor. No. 4, identical with Cor. No. 2, Coolidge lode, this survey, and NE Cor. Hoover and SE Cor. Washington lodes, unsurveyed, previously described. Thence N. 89° 48' E.	
990.0	Coolidge Canyon, 7 ft. wide, course N. 20° E.	
1500.0	Cor. No. 1, and place of beginning.	
AREAS		
	Total area, Coolidge lode	20.661 Acres
	Total area, Pady Smith lode	20.661 "
	Area in conflict with: Sur. No. 4374, Peggie lode	0.182 "

~~XXXXX~~

LOCATION

This survey is located in Sec. 5, T: 24 S., R. 21 E., G&SRM.

The survey of these two lodes is identical with the 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 its grantors are as follows:

- No. 1 The discovery point of the Coolidge lode, being on the lode line, is 650 ft. from a point on line 4-1, 300.0 ft. from Cor. No. 1.
No value.
- No. 2 A cut, 5 ft. wide, the face of which bears S. 76° 15' W., 695 ft. from Cor. No. 4, Coolidge lode, runs S. 70° W., 30 ft. to 7 ft. face.
Value, \$375.
- No. 3 A cut, 10 ft. wide, the face of which bears S. 89° W., 660 ft. from Cor. No. 4, Coolidge lode, runs S. 10 ft. to 8 foot face.
Value, \$150.
- No. 4 A cut, 6 ft. wide, the face of which bears N. 72° 15' E., 695 ft. from Cor. No. 2, Coolidge lode, runs S. 80° W., 10 ft. to 10 foot face.
Value, \$150.
- No. 1 The discovery point of the Pady Smith lode, being on the lode line, is 900 ft. from a point on line 1-2, 300.0 ft. from Cor. No. 1.
No value.
- No. 2 A cut, 6 ft. wide, the face of which bears S. 20° W., 325 ft. from Cor. No. 1, Pady Smith lode, runs S. 35° W., 15 ft. to 10 foot face.
Value, \$225.
- No. 3 A cut, 8 ft. wide, the face of which bears N. 19° 30' W., 265 ft. from Cor. No. 2, Pady Smith lode, runs S. 55° W., 15 ft. to 12-foot face.
Value, \$360.
- No. 4 A cut, 6 ft. wide, the face of which bears N. 18° W., 260 ft. from Cor. No. 2, Pady Smith lode, runs S. 45° W., 10 ft. to 12-foot face, and shaft, 4 x 6 ft. in size, 20 ft. deep.
Value, \$380.
- No. 5 A cut, 5 ft. wide, the face of which bears N. 14° 45' W., 235 ft. from Cor. No. 2, Pady Smith lode, runs S. 63° W., 12 ft. to 10-foot face.
Value, \$150.
- No. 6 A cut, 10 ft. wide, the face of which bears N. 54° 45' E., 490 ft. from Cor. No. 3, Pady Smith lode, runs S. 8 ft. to 4-foot face.
Value, \$80.
- No. 7 A cut, 20 ft. wide, the face of which bears S. 63° 30' E., 580 ft. from Cor. No. 4, Pady Smith lode, runs S. 15° E., 10 ft. to 6-foot face.
Value, \$300.
- No. 8 A cut, 6 ft. wide, the face of which bears S. 64° E., 595 ft. from Cor. No. 4, Pady Smith lode, runs S. 70° W., 30 ft. to 15-foot face and portal of adit, 4 x 5 ft. in size, running S. 33° W., 10 ft. to breast.
Value, \$445.

Survey No. 4476

5

Chains

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 4285, Moon lode: Cor. No. 2 was found from distances to the two bearing objects; bearings were ignored because of obvious discrepancies. The cor. was not marked as described in the official record. Line 2-3 was found to bear S. $89^{\circ} 48'$ W., 1502.5 ft., instead of N. $89^{\circ} 54'$ W., 1500.0 ft. as approved. Cor. No. 3 is a stone.

Sur. No. 4374, Peggie lode: Cors. Nos. 3 and 4 are pipes, with brass caps attached. Line 2-3 is shown as approved. Line 3-4 was found to bear N. $36^{\circ} 13'$ E., instead of N. $37^{\circ} 42'$ E., as approved.

Northeast Cor. Sec. 5, T. 24 S., R. 21 E., is an iron pipe, 2 ins. diam., 5 ft. high. A marked stone is lying loose nearby.

FIELD ASSISTANTS

George Barr
Frank Vasquez
Marlin Widger
James Yanez
Joe D. Alvarez

Instrumentman
Chainman
Chainman
Chainman
Chainman

CHAINS

Chains

Chains

2 in. dia., 2 ft. long. A marked stone is fast loose heavy.
 Northwest cor. sec. 2, T. 21 N., R. 10 W., as an iron pipe.
 found to part of 30' dia., instead of 2' dia., as approved.
 This was found to part of 30' dia., instead of 2' dia., as approved.
 Northwest cor. sec. 2, T. 21 N., R. 10 W., as an iron pipe.
 found to part of 30' dia., instead of 2' dia., as approved.
 This was found to part of 30' dia., instead of 2' dia., as approved.

FIELD ASSISTANTS

Chairman
 Chairman
 Chairman
 Chairman

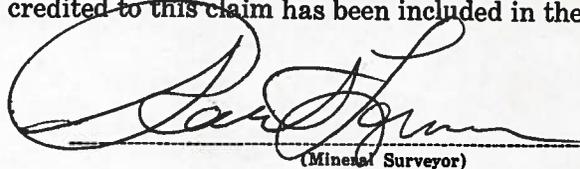
George Barr
 Frank Wagner
 William Wagner
 James Wagner
 Joe L. Wagner

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

January 30, 19 59

I, ROBERT LENON,
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
Office Cadastral Engineer, at Phoenix, Arizona
 dated Nov. 19, 1958, I have faithfully and correctly executed the survey of
 the mining claim of A. B. Capt and Ursula Capt,
 known as the Pady Smith and Coolidge Lodes
(Lode, placer, or mill site)
 situate in Hartford Mining District, Cochise Co., Section 5,
 T. 24 S., R. 21 E., G. & S. R. Meridian, Arizona, and
(State)
 designated as Survey No. 4476, 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.

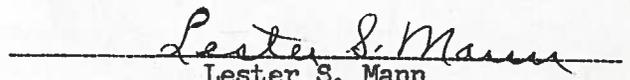

 (Mineral Surveyor)

patagonia, Arizona
(Place)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)
Phoenix, Arizona July 16, 1959
(Place) (Date)

The foregoing field notes of mineral survey No. 4476, in Hartford Mining District
Sec. 5, T. 24 S., R. 21 E., Gila & Salt River Meridian,
Arizona, executed by Robert Lenon, Mineral Surveyor,
(State)
 under order dated November 19, 1958, 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.


 Lester S. Mann
Office Cadastral Engineer
(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)

