

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4453

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

PEARL W. LONGHURST and CHARLIE E. EATON

Known As The

RED MOUNTAIN NOS. 1, 2 and 3 Lodes

Lone Star Mining District,

Graham County, Arizona

Unsurveyed
Section s. 5, 6 & 7, Township 6 South, Range 27 East, G&SRM

Surveyed under order dated June 10, 1958

by Clifford E. Way
Mineral Surveyor.

Claims located December 1, 1939

Survey commenced July 7, 1958

Survey completed January 26, 1959

Address of claimant c/o Bear Creek Mining Company
Box 228
Safford, Arizona

DATES OF AMENDED LOCATIONS

Survey No. 4453

Chains		1.
	<p>This survey was made with a Hilger & Watts Microptic Theodolite, No. 104104. The verniers read to twenty seconds with an estimation to the closest five seconds; the eye-piece is equipped with a colored shade 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.</p> <p>All azimuths in this record were determined by the method of deflection angles referred to the meridian established by direct observation on the sun November 7, 1958 at cor. No. 3 of Red Mountain No. 3 lode latitude $32^{\circ}56'33''$N., longitude $109^{\circ}36'51''$W., turning from a reference point counter clockwise to the sun in the south east. True bearing of the reference point $N.79^{\circ}24'06''$E.</p> <p>The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot for 300 ft. and a Dietzgen steel tape 8 ft. in length, graduated to feet, tenths and hundredths; both tapes were compared with a certified tape No. 10839 at the time of beginning the survey and found correct.</p> <p>All lines and connections of this survey were run by direct methods except those connections as shown by the calculation sheets herewith submitted.</p> <p>The magnetic declinations at each corner of the survey gave a uniform value of $14^{\circ}30'$E.</p>	
Feet	<p style="text-align: center;">RED MOUNTAIN NO. 2 LODE</p> <p>Beginning at cor. No. 1 of the Red Mountain No. 2 lode, identical with cor. No. 1 of Red Mountain No. 1 lode, of this survey.</p> <p>Set a $2\frac{1}{2}$ in. lead disc bolted to a 24 x 12 x 20 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 2-1, R.M. 1-1-4453; from which</p> <p>The S. $\frac{1}{4}$ cor. of Sec. 31, T.5S., R.27E., G.&S.R. Mer., bears $N.5^{\circ}39'19''$E., 3689.07 ft. dist.; a 1 in. pipe with brass cap 12 in. above ground firmly set and mkd. as described in the official record.</p> <p>Drill hole No. SD-4 bears $S.32^{\circ}28'30''$E., 401 ft. dist.</p> <p>Thence $N.79^{\circ}24'06''$E.</p> <p>211.25 Lode line; discovery point bears $S.12^{\circ}33'45''$E., 750.00 ft. dist.</p> <p>501.40 Set a $2\frac{1}{2}$ in. lead disc bolted to a 24 x 10 x 19 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. W.C. R.M. 2-2-4453.</p> <p>511.40 True point for cor. No. 2, falls in area unsuited for cor. Thence $S.12^{\circ}33'45''$E.</p> <p>1500.00 Cor. No. 3</p> <p>Set a $2\frac{1}{2}$ in. lead disc bolted to a 24 x 10 x 20 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 2-3-4453.</p> <p>Thence $S.79^{\circ}24'06''$W.</p>	

Survey No. 4453

Chains		2.
300.15	Lode line; discovery point bears N.12°33'45"W., 750.00 ft. dist.	
511.40	Cor. No. 4, identical with cor. No. 2 of Red Mountain No. 1 lode of this survey.	
	Set a 2½ in. lead disc bolted to a 24 x 12 x 20 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 2-4, R.M. 1-2-4453.	
	Thence N. 12° 33' 45" W.	
344.	Wash, 3 ft. wide, course S.60°W.	
1152.	Wash, 3 ft. wide, course S.60°W.	
1500.00	Cor. No. 1, and point of beginning.	
RED MOUNTAIN NO. 1 LODE		
	Beginning at cor. No. 1 of the Red Mountain No. 1 lode, identical with cor. No. 1 with Red Mountain No. 2 lode, of this survey, from which	
	The S. ¼ cor. Sec. 31 T.5S., R.27E., bears N.5°39'19"E., 3689.07 ft. dist.	
	Thence S.12°33'45"E.	
348.	Wash, 3 ft. wide, course S.60°W.	
1156.	Wash, 3 ft. wide, course S.60°W.	
1500.	Cor. No. 2, identical with cor. No. 4 of Red Mountain No. 2 lode of this survey.	
	Thence S.79°24'06"W.	
234.88	Lode line; discovery point bears N.11°00'33"W., 750.00 ft. dist.	
534.88	Cor. No. 3, identical with cor. No. 2 of the Red Mountain No. 3 lode, of this survey.	
	Set a 2½ in. lead disc bolted to a 24 x 10 x 19 in. stone 16 ins. in ground witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 1-3, R.M. 3-2-4453.	
	Thence N.11°00'33"W.	
242.	Wash, 4 ft. wide, course S.80°W.	
400.	Wash, 4 ft. wide, course S.85°W.	
624.	Road, bears N.75°E. & S.75°W.	
1034.	Wash, 3 ft. wide, course S.50°W.	
1499.15	Cor. No. 4, identical with cor. No. 1 of the Red Mountain No. 3 lode, of this survey.	
	Set a 2½ in. lead disc bolted to a 24 x 14 x 22 in. stone 16 ins. in ground witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 1-4, R.M. 3-1-4453.	

Survey No. 4453

Chains		
	Thence N.79°24'06"E.	3.
300.500	Lode line; discovery point bears S.11°00'33"E., 749.15 ft. dist.	
469.	Wash, 2 ft. wide, course S.25°W.	
494.22	Cor. No. 1, and point of beginning.	
RED MOUNTAIN NO. 3 LODE		
Beginning at cor. No. 1 of the Red Mountain No. 3 lode, identical with cor. No. 4 of Red Mountain No. 1 lode, of this survey from which		
The S. $\frac{1}{4}$ cor. Sec. 31, T.5S., R.27E., bears N.12°43'19"E., 3856.69 ft. dist.		
Thence S.11°00'33"E.		
466.	Wash, 3 ft. wide, course S.50°W.	
876.	Road, bears S.75°W. & N.75°E.	
1100.	Wash, 4 ft. wide, course S.85°W.	
1258.	Wash, 4 ft. wide, course S.80°W.	
1499.15	Cor. No. 2, identical with cor. No. 3 of the Red Mountain No. 1 lode, of this survey from which	
Drill hole No. G-34 bears N.32°27'52"E., 228.00 ft. dist.		
Drill hole No. G-35 bears N.39°03'54"W., 779.00 ft. dist.		
Thence S.79°24'06"W.		
270.	Wash, 5 ft. wide, course S.15°W.	
300.00	Lode line; discovery point bears N.11°00'33"W., 750.00 ft. dist.	
378.	Road, bears N.40°E., & S.40°W.	
600.00	Cor. No. 3. Set a 2½ in. lead disc bolted to a 24 x 12 x 20 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 3-3-4453.	
Thence N.11°00'33"W.		
289.	Road, bears E. & W.	
450.	Road, bears N.70°E. & S.70°W.	
655.	Wash, 4 ft. wide, course S.55°W.	
1290.	Wash, 3 ft. wide, course S.30°W.	
1499.15	Cor. No. 4 Set a 2½ in. lead disc bolted to a 24 x 10 x 20 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. R.M. 3-4-4453.	

Survey No. 4453

Chains Feet	Thence N.79°24'06"E.	4.
300.00	Lode line; discovery point bears S.11°00'33"E., 749.15 ft. dist.	
600.00	Cor. No. 1, and point of beginning.	
AREAS		
		Acres
	Red Mountain No. 1	17.708
	Red Mountain No. 2	17.600
	Red Mountain No. 3	20.649
LOCATION		
	This survey is located in Secs. 5, 6 & 7 of T.6S., R.27E., G.&S.R. Mer., Arizona. (Unsurveyed)	
	The survey of the Red Mountain Nos. 1, 2 & 3 lodes is identical with the respective locations as marked on the ground.	
EXPENDITURES		
No. 1	The discovery point of the Red Mountain No. 2 lode is on the lode line, 750 ft. from a point on line 1-2, 211.25 ft. from cor. No. 1 No Value	
No. 2	A drift, 6 x 7 ft. in size, running west 12 ft. to breast at the 122 level of a 253 ft. shaft, the center of which bears S.81°38'30"W., 290.6 ft. from cor. No. 3 of the Red Mountain No. 2 lode. Value \$170.00	
No. 1	The discovery point of the Red Mountain No. 1 lode is on the lode line, 750 ft. from a point on line 2-3, 234.88 ft. from cor. No. 2. No Value	
No. 2	A shaft, the center of which bears N.4°08'W., 767 ft. from cor. No. 3, Red Mountain No. 1 lode, 4 x 6 ft., 8 ft. deep. Value \$150.00	
No. 3	A shaft the center of which bears N.23°50'E., 50 ft. from cor. No. 3 of the Red Mountain No. 1 lode, 4 x 6 ft., 10 ft. deep. Value, \$150.00	
No. 1	The discovery point of the Red Mountain No. 3 lode is on the center line, 750 ft. from a point on line 2-3, 300 ft. from cor. No. 2. No Value	
No. 2	A shaft, the center of which bears N.38°22'30"W., 35 ft. from cor. No. 2 of the Red Mountain No. 3 lode; 4 x 6 ft., 8 ft. deep. Value, \$130.00	

Survey No. 4453

Chains

5.

An interest in common improvements described as follows:

A tunnel 5 x 7 ft. in size, the portal of which bears N.21°41'W., 831.5 ft. from cor. No. 2 of the Red Mountain No. 1 lode; running N.71°40'E., 10 ft. to point A, and 59 ft. to point B, and 94 ft. to Sta. 1; thence N.62°50'E., 72 ft. to Sta 2; thence S.81°30'E., 20 ft. to Sta. 3; thence N.62°00'E., 35 ft. to breast. At point A is a vertical winze, 75 ft. deep, flooded. At point B, a drift 5 x 7 ft. in size runs S.16°10'W., 31 ft. to breast. At point B, a drift 5 x 7 ft. in size runs N.16°10'E., 15 ft. to Sta. 1; thence N.42°40'E., 13 ft. to Sta 2; N.15°20'E., 12 ft. to breast.
 Value of tunnel, winze and drifts, \$ 4,800.00
 Value of one third interest, \$ 1,600.00

A tunnel, 4 x 6 ft. in size, the portal of which bears N.15°00'W., 447 ft. from cor. No. 2 of the Red Mountain No. 3 lode; running N.19°20'W., 20 ft. to breast.
 Value, \$210.00
 Value, one third interest \$70.00

Drill hole No. SD 4, 4 1/4 ins. NX, BX x 587.0 ft. deep bears S.33°08'46"W., 529 ft. from cor. No. 2 of the Red Mountain No. 2 lode.
 Value, \$5,871.00
 Value one third interest, \$1,957.00

Drill hole No. SD-4A, 4 1/4 ins. NX, BX x 892 ft. deep bears S.33°08'46"W., 529 ft. from cor. No. 2 of the Red Mountain No. 2 lode. Drill Hole SD-4A at an angle to SD-4.
 Value, \$8,922.00
 Value one third interest \$2,974.00

Drill hole No. G-34, 4 1/4 ins. NX, BX x 437.8 ft. deep bears N.32°27'52"E., 228 ft. from cor. No. 3 of the Red Mountain No. 1 lode.
 Value, \$7,020.00
 Value, one third interest \$2,340.00

Drill hole No. G-35, 4 1/4 ins. NX, BX x 522.7 ft. deep bears N.39°03'54"W., 779 ft. dist. from cor. No. 2 of the Red Mountain No. 3 lode.
 Value, \$6,300.00
 Value of one third interest \$2,100.00

Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of each lode of this survey; therefore, an undivided one-third interest in their value is hereby credited to each of the said lodes. **No portion of or interest in these improvements has been credited heretofore as patent expenditures to any lode claim.**

OTHER IMPROVEMENTS

A shaft, the center of which bears S.81°38'30"W., 290.6 ft. from cor. No. 3 of the Red Mountain No. 2 lode, 5 x 9 ft., 253 ft. deep. At the 122 ft. shaft level, a drift 6 x 7 ft. runs west, 12 ft. to breast. At the 194 ft. shaft level, a drift 5 x 7 ft. in size runs N.26°50'W., 57 ft. to point A, and 248 ft. to breast. At point A, a drift 6 x 7 ft. in size runs S.63°00'W., 9 ft. to breast. At the 194 ft. shaft level a drift 5 x 8 ft. in size runs N.56°40'E., 42 ft. to breast.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

January 26, 1959

I, Clifford E. Way
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona
 dated June 10, 1958, I have faithfully and correctly executed the survey of
 the mining claim of Pearl W. Longhurst and Charles E. Eaton
 known as the Red Mountain Nos. 1, 2 and 3
(Lode, placer, or mill site)
 situate in Lone Star Mining District.
 T. 6 S., R. 27 E., G. & S. R. Meridian, Arizona, and
(State)
 designated as Survey No. 4453, 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
(Lode or placer) location(s) embraced in the said mining claim by
 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.

Tucson, Arizona
(Place)

Clifford E. Way
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)
Phoenix, Arizona September 8, 1959
(Place) (Date)

The foregoing field notes of mineral survey No. 4453, in partially unsurveyed
sections 5, 6, & 7, T. 6 South, R. 27 East, Gila & Salt River Meridian,
Arizona, executed by Clifford E. Way, Mineral Surveyor,
(State)
 under order dated June 10, 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
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)

