

MINERAL SURVEY No. 4186

Arizona *Land District*

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MARY LAWLER, JOHN WM. LAWLER and H. R. WOOD

KNOWN AS THE

BLACK PEARL No. 1, BLACK PEARL No. 2, BLACK PEARL No. 3,
BLACK PEARL No. 4, BLACK PEARL No. 6, BLACK PEARL No. 7,
BLACK PEARL No. 8, NORTH SIDE No. 1, NORTH SIDE No. 2,
NORTH SIDE No. 3, and NORTH SIDE No. 5 lodes

EUREKA *Mining District,*

Yavapai *County,* Arizona

Sections 7, 12, 13 & 18, *Townships* 15 North, *Ranges* No. 7 & 8 West

Surveyed under instructions dated January 7, *19* 36.

By Harlow D. Phelps
U. S. Mineral Surveyor.

Claims located See back of this sheet, 19
Apr. 25, 1914, Nov. 21, 1915

Survey commenced Jan. 10,, 19 36

Survey completed Aug. 14,, 19 36

Address of claimant's Atty.; A.L. Hammond,
Prescott, Arizona

DATES OF AMENDED LOCATIONS

Oct. 28, 1935.

MINERAL SURVEY No. 1000

Black Pearl No. 1	March 1, 1914
Black Pearl No. 2	March 1, 1914
Black Pearl No. 3	March 1, 1914
Black Pearl No. 4	March 1, 1914
Black Pearl No. 6	March 1, 1914
Black Pearl No. 7	March 1, 1914
Black Pearl No. 8	May 21, 1915
North Side No. 1	April 25, 1914
North Side No. 2	April 25, 1914
North Side No. 3	May 21, 1914
North Side No. 5	November 21, 1915

NOTES

DATE OF MINERAL LOCATION

Att'y. A. I. Hammond

750-1

MINERAL SURVEY No. 4186, ARIZONA.

Feet	
	<p>Mineral Survey No. 4186 was made with a Gurley Precise Transit No. 241014, model No. 92, with horizontal limb 5.65 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc. Extra eye-piece equipped with colored glass was used for making direct observations upon the sun. The instrument was in good condition at the time of this survey and all adjustments were in good order. (An a. m. Altitude observation of the sun for azimuth and at noon, on the meridian, for latitude and time, were made at the $\frac{1}{2}$ Cor. of Secs. 7 & 8, T. 15 N., R. 7 W. & S. R. B. & M. altitude observation of the sun for azimuth was made preliminary to the survey, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.</p> <p>The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot for entire length, each end foot being graduated in tenths and hundredths; the tape was compared with a Lufkin standard at the time of beginning the survey and found to be correct.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic variation observed at each corner of the survey gave a uniform value of $15^{\circ} 00' E.$</p> <p>The iron post corners of this survey were all set 24 ins. in the ground or to a solid rock bottom, and all in a mound of stone to top.</p> <p>BLACK PEARL NO. 2 lode. Beginning at Cor. No. 1 of the Black Pearl No. 2 lode, which agrees with a corner of the location, where I -</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 1, with brass cap mkd. USMS X BP No. 2-1-BP No. 3-1-BP No. 7-2-4186; from which</p> <p>The cor. of secs. 7, 12, 13 and 18, Ts 15 N., Rs 7 and 8 W., G. & S.R.B. & M., bears N. $81^{\circ} 06' 30'' W.$, 1370.7 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.</p> <p>A granite bed rock outcrop, 6 ins. above ground, bears N. $28^{\circ} 30' E.$, 1.9 ft. dist., mkd. X BR BP NO. 2-1-4186.</p> <p>Thence S. $74^{\circ} 06' E.$</p> <p>300.0 Trail to mine workings, bears S. $15^{\circ} W.$ and N. $15^{\circ} E.$</p> <p>1500.0 Cor. No. 2</p> <p>Agrees with a corner of the location.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X BP No. 2-2-BP No. 1-4-BP No. 3-4-4186; from which</p> <p>A granite rock, 36 x 48 ins., 36 ins. above ground, bears N. $37^{\circ} 30' W.$, 16.4 ft. dist., mkd. X BR BP No. 2-2-4186.</p>

Feet	Thence S. 15° 54' W.
300.0	The east end center, agreeing with the east end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 3 Agrees with a corner of the location. Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone, to top, for Cor. No. 3, with brass cap mkd. USMS X BP No. 2-3- BP No.1-3- BP No.4-2-4186; from which The south face of a large granite mass, bears N. 23° 40' E., 22.4 ft. dist., mkd.X BR BP No.2-3-4186.
1500.0	Cor. No. 4 Agrees with a corner of the location. Chiseled a cross on solid granite porphyry bed rock, even with the general surface, for Cor. No. 2, mkd. X BP No. 2-4-BP No. 4-1-BP No.7-3-4186; from which A pinon, 18 ins. diam. bears S. 51° 10' W., 38.3 ft. dist., mkd X BT BP No.2-4-4186.
300.0	Thence N. 15° 54' E. The west end center, agreeing with the west end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 1 and place of beginning. BLACK PEARL No. 4 LODE Beginning at Cor. No. 1 of the Black Pearl No. 4 lode, which is identical with Cor. No. 4 of the Black Pearl No. 2 lode of this survey, hereinbefore described, and agrees with a corner of the location; from which The cor. of secs. 7, 12, 13 and 18, Ts 15 N., Rs 7 and 8 W., hereinbefore described, bears N. 56° 27' 20" W., 1427.6 ft. dist.
1500.0	Thence S. 74° 06' E. Cor. No. 2 Identical with Cor. No. 3, Black Pearl No. 2 lode of this survey, hereinbefore described, and agrees with a corner of the location. Thence S. 15° 54' W.
300.0	The east end center, agreeing with the east end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 3 Agrees with a corner of the location.

Feet	Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 3, with brass cap mkd. USMS X BP No.4-3-4186; from which
	A granite outcrop 36 x 36 ins., 30 ins. above ground, bears N. 69° 05' E., 23.1 ft. dist., mkd. X BR BP No. 4-3-4186.
	Thence N. 74° 06' W.
1500.0	Cor. No. 4
	Agrees with a corner of the location.
	Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 4, with brass cap mkd. USMS X BP No.4-4-4186; from which
	A juniper 18 ins. diam. bears N. 26° 15' W., 31.3 ft. dist., mkd. BP No.4-4-4186 BT.
	A granite rock, 48 x 96 ins., 48 ins. above ground, bears N. 55° 00' E., 10.6 ft. dist., mkd. X BR BP No. 4-4-4186.
	Thence N. 15° 54' E.
300.0	The west end center, agreeing with the west end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 1 and place of beginning.
	BLACK PEARL No. 3 LODE
	Beginning at Cor. 1 of the Black Pearl No. 3 lode, which is identical with Cor. No. 1 of the Black Pearl No. 2 lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence N. 15° 54' E.
300.0	The west end center, agreeing with the west end center of the location, being a monument of stone 3 ft., high, 3 ft. base.
600.0	Cor. No. 2
	Agrees with a corner of the location.
	Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X BP No.3-2, N S. No.3-1-4186; from which
	A granite outcrop 36 x 40 ins., protruding 36 ins. above ground, bears S. 11° 30' W., 19.3 ft. dist., mkd. X BR BP No.3-2-4186.
	Thence S. 74° 06' E.
375.0	Trail to mine workings, bears S. 40° W. and N. 70° E.
378.2	The southwesterly end center, of the North Side No. 3 lode of this survey, hereinafter described.
756.45	Intersect Cor. No. 4, North Side No. 3 lode of this survey, hereinafter described.
1500.0	Cor. No. 3
	Agrees with a corner of the location.

Feet	<p>Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 3, with brass cap mkd. USMS X BP No. 3-3-4186; from which</p> <p>The northerly face of a granite mass bears S. 15° 54' W., 32.0 ft. dist., mkd. X BR BP No. 3-3-4186;</p> <p>Thence S. 15° 54' W.</p>
300.0	The east end center, agreeing with the east end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	<p>Cor. No. 4.</p> <p>Identical with Cor. No. 2, Black Pearl No. 2 lode of this survey, hereinbefore described, and agrees with a corner of the location.</p> <p>Thence N. 74° 06' W.</p>
1200.0	Trail, hereinbefore described.
1500.0	Cor. No. 1 and place of beginning.
	<p>BLACK PEARL No. 1 LODE</p> <p>Beginning at Cor. No. 1 of the Black Pearl No. 1 lode, which agrees with a corner of the location, where I -</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 1, with brass cap mkd. USMS X BP No. 1-1-4186; from which</p> <p>The cor. of secs. 7, 8, 17 and 18, T. 15 N., R. 7 W., C. & S. R. E. & W., bears N. 39° 38' E., 1352.9 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>A granite boulder, 36 x 60 ins., 36 ins. above ground, bears N. 15° 54' E., 2.9 ft. dist., mkd. X BR BP No. 1-1-4186.</p> <p>Thence S. 15° 54' W.</p>
300.0	The east end center, agreeing with the east end center of the location, being a monument of stone 3 ft. high 3 ft. base.
600.0	<p>Cor. No. 2</p> <p>Agrees with a corner of the location.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X BP No. 1-2-4186; from which</p> <p>A granite rock, 36 x 36 ins., 12 ins. above the ground, bears S. 40° 00' W., 14.2 ft. dist.</p> <p>A granite bedrock, level with the surface of the ground, bears S. 74° 00' E., 8.2 ft. dist.</p> <p>Thence N. 74° 06' W.</p>
1500.0	Cor. No. 3

Feet	Identical with Cor. No. 3, Black Pearl No. 2 lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence N. 15° 54' E.
300.0	The west end center, agreeing with the west end center of the location and identical with the east end center of the Black Pearl No. 2 lode of this survey, hereinbefore described.
600.0	Cor. No. 4. Identical with Cor. No. 2, Black Pearl No. 2 lode, of this survey, hereinbefore described, and agrees with a corner of the location
	Thence S. 74° 06' E.
1500.0	Cor. No. 1 and place of beginning. BLACK PEARL No. 7 LODE Beginning at Cor. No. 1 of the Black Pearl No. 7 lode, which agrees with a corner of the location, where I - Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 1, with brass cap mkd. USMS X BP No. 7-1-BP No. 8-1-4186; from which The corner of Secs. 7, 12, 13 and 18, T _s 15 N., R _s 7 and 8 W., hereinbefore described, bears S. 23° 55' 30" E., 217.8 ft. dist., A juniper, 20 ins. diam., bears N. 28° 40' W., 37.5 ft. dist., mkd. X BT BP No. 7-1-4186. A granite bed rock outcrop, level with the surface of the ground, bears S. 51° 20' W., 8.3 ft. dist., mkd. X BR BP No. 7-1-4186. Thence S. 74° 06' E.
1500.0	Cor. No. 2 Identical with Cor. No. 1, Black Pearl No. 2 lode, of this survey, hereinbefore described, and agrees with a corner of the location. Thence S. 15° 54' W.
300.0	The east end center, agreeing with the east end center of the location and identical with the west end center of the Black Pearl No. 2. lode of this survey, hereinbefore described.
600.0	Cor. No. 3. Identical with Cor. No. 4, Black Pearl No. 2 lode, of this survey, hereinbefore described, and agrees with a corner of the location. Thence N. 74° 06' W.
1500.0	Cor. No. 4 Agrees with a corner of the location.

Feet

Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 4, with brass cap mkd. USMS X BP No.7-4- BP No.8-2- BP No. 6-1-4186; from which

The face of a large granite mass, 24 ins. above ground, bears N. $32^{\circ} 30'$ W., 21.0 ft. dist., mkd. X BR BP No.7-4-4186.

Thence N. $15^{\circ} 54'$ E.

300.0 The west end center, agreeing with the west end center of the location, being a monument of stone 36 ins. high.

600.0 Cor. No. 1 and place of beginning.

BLACK PEARL Mo. 8 LODE

Beginning at Cor. No. 1 of the Black Pearl No. 8 lode, which is identical with Cor. No. 1 of the Black Pearl No. 7 lode of this survey, hereinbefore described, and agrees with a corner of the location.

Thence S. $15^{\circ} 54'$ W.

300.0 The east end center, agreeing with the east end center of the location, and identical with the west end center of the Black Pearl No. 7 lode of this survey, hereinbefore described.

600.0 Cor. No. 2. Identical with Cor. No. 4, Black Pearl No. 7 lode of this survey, hereinbefore described, and agrees with a corner of the location.

Thence N. $74^{\circ} 06'$ W.

1500.0 Cor. No. 3

Agrees with a corner of the location.

Set an iron post, 3 ft. long, 1 in. diam. in ground and in mound of stone to top, for Cor. No. 3, with brass cap mkd. USMS X BP No. 8-3- BP No. 6-4-4186; from which

The face of a large granite mass 48 ins. above the ground, bears N. $15^{\circ} 54'$ E., 3.8 ft. dist., mkd. X BR BP No. 8-3-4186.

Thence N. $15^{\circ} 54'$ E.

300.0 The west end center, agreeing with the west end center of the location, being a monument of stone 3 ft. high, 3 ft. base.

600.0 Cor. No. 4

Agrees with a corner of the location.

Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 4, with brass cap mkd. USMS X BP No. 8-4-4186; from which

The face of a granite mass, 24 ins. above ground, bears N. $63^{\circ} 05'$ E., 9.5 ft. dist., mkd. X BR BP No. 8-4-4186.

Feet	Thence S. 74° 06' E.
1500.0	Cor. No. 1 and place of beginning.
	BLACK PEARL No. 6 LODE
	Beginning at Cor. No. 1 of the Black Pearl No. 6 lode, which is identical with Cor. No. 4 of the Black Pearl No. 7 lode of this survey, hereinbefore described, and agrees with a corner of the location; from which
	The Cor. of secs. 7, 12, 13 and 18, T s 15 N., R s 7 & 8 W., hereinbefore described, bears N. 33° 46' E., 454.7 ft. dist.
	Thence S. 15° 54' W.
300.0	The east end center, agreeing with the east end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 2
	Chiseled a cross on hard granite bed rock, 12 ins. above the ground, for Cor. No. 2, mkd. X BP No. 6-2-4186; from which
	A granite mass, 60 ins. above the ground, bears S. 31° 30' E., 4.5 ft. dist., mkd. X BR No. 6-2-4186.
	Thence N. 74° 06' W.
1500.0	Cor. No. 3
	Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 3, with brass cap mkd. USMS X BR BP No. 6-3-4186; from which
	A granite boulder, 48 x 60 ins., 30 ins. above the ground, bears N. 15° 54' E., 2.9 ft. dist., mkd. X BP No. 6-3-4186.
	Thence N. 15° 54' E.
300.0	The west end center, agreeing with the west end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
600.0	Cor. No. 4
	Identical with Cor. No. 3, Black Pearl No. 8 lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence S. 74° 06' E.
1500.0	Cor. No. 1 and place of beginning.
	NORTH SIDE No. 3 lode.
	Beginning at Cor. No. 1 of the North Side No. 3 lode, which is identical with Cor. No. 2, Black Pearl No. 3 lode of this survey, hereinbefore described, and agrees with a corner of the location; from which
	The cor. of secs 7, 12, 13 and 18, T s 15 N., R s 7 & 8 W., hereinbefore described, bears S. 76° 28' 40" W., 1561.9 ft. dist.

80

8

	Thence N. 53° 25' E.
1500.0	Cor. No. 2 Agrees with a corner of the location. Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X NS No. 3-2-NS No.1-3-4186; from which A granite outcrop, 36 x 48 ins., protruding 60 ins. above the ground, bears N. 85° 10' E., 48.0 ft. dist. mkd. X BR NS No.3-2-4186. Thence S. 74° 06' E.
378.22	The northeasterly end center, agreeing with the ^{north} easterly end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
756.45	Cor. No. 3 Agrees with a corner of the location. Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 1, with brass cap mkd. USMS X NS No. 3-3-NS No. 1-2-4186; from which A granite bed rock outcrop, 24 x 48 ins., protruding 24 ins. above ground, bears N. 74° 06' W., 3.2 ft. dist., mkd. X BR NS No.3-3-4186. Thence S. 53° 25' W.
1150.0	Trail to mine workings, bears, west and east.
1500.0	Cor. No. 4, on line 2-3 ^{Jack Pearl} EP No. 3 lode of this survey. Agrees with a corner of the location. Set an iron post 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 4, with brass cap mkd. USMS X NS No.3-4-4186; from which A granite mass, protruding 48 ins. above ground, bears N. 81° 50' E., 9.5 ft. dist., mkd. X BR NS No.3-4-4186. Thence N. 74° 06' W.
378.22	The ^{The} southwesterly end center, agreeing with the southwesterly end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
381.45	Trail, hereinbefore described.
756.45	Cor. No. 1 and place of beginning. NORTH SIDE No. 1 LODE Beginning at Cor. No. 1 of the North ^{side} No. 1 lode which agrees with a corner of the location, where I - Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 1, with brass cap mkd. USMS X NS No.1-1- NS No.2-3-4186; from which

Feet. The $\frac{1}{4}$ Cor. of secs. 7 and 8, T. 15 N., R. 7 W., ~~Cor. No. 1~~
~~S. R. B. & M.~~, bears N. $32^{\circ} 06' 06''$ E., 832.9 ft.
 dist.; an iron post, 1 in. diam., 12 ins. above
 ground, firmly set, marked on brass cap and wit-
 nessed as described in the official record.

No local bearing objects or bearing trees available.

Thence S. $53^{\circ} 25'$ W.

1200.0 Trail to mine workings, bears S. 30° W. and N. 30° E.

1500.0 Cor. No. 2

Identical with Cor. No. 3, North Side No. 3 lode of this
 survey, hereinbefore described, and agrees with a corner
 of the location.

Thence N. $74^{\circ} 06'$ W.

378.22 $\frac{1}{2}$ The southwesterly end center, agreeing with the south-
 westerly end center of the location, and identical with
 the northeasterly end center of the North Side No. 3
 lode of this survey, hereinbefore described.

756.45 Cor. No. 3

Identical with Cor. No. 2, North Side No. 3 lode of this
 survey, hereinbefore described.

Thence N. $53^{\circ} 25'$ E.

1500.0 Cor. No. 4

Set an iron post, 3 ft. long, 1 in. diam., in ground and in
 mound of stone to top, for Cor. No. 4, with brass cap
 mkd. USMS X NS No.1-4- NS No.2-4- NS No.5-4-4186; from
 which

A granite boulder 60 x 86 ins. diam., 36 ins. above
 the ground, bears S. $4^{\circ} 48'$ E., 21.9 ft. dist., mkd.
 X BR NS No.1-4-4186.

Thence S. $74^{\circ} 06'$ E.

105.0 Trail to mine workings, bears S. 55° W. and N. 55° E.

378.22 $\frac{1}{2}$ The northeasterly end center, agreeing with the northeast-
 erly end center of the location, being a monument of
 stone 36 ins. high.

756.45 Cor. No. 1 and place of beginning.

NORTH SIDE No. 2. LODGE

Beginning at Cor. No. 1 of the North Side No. 2 lode, which
 agrees with a corner of the location, where I -

Set an iron post, 3 ft. long, 1 in. diam., in ground and
 in mound of stone to top, for Cor. No. 1, with brass cap
 mkd. USMS X NS No.2-1- NS No.5-1-4186; from which

The $\frac{1}{4}$ corner of secs. 7 and 8, T. 15 N., R. 7 W.,
 hereinbefore described, bears S. $4^{\circ} 58'$ W., 397.1 ft.
 dist.

A juniper, 24 ins. diam., bears S. $28^{\circ} 00'$ E., 32.3 ft.
 dist., mkd. X BT NS No.2-1-4186.

Feet	A juniper, 30 ins. diam., bears N. 39° 55' W., 49.4 ft. dist., mkd. X BT NS-No. 2-1-4186.
	Thence S. 74° 06' E.
300.0	South bank of Loco Creek, 50 ft. wide, course S. 25° E.
378.22	The northeasterly end center, agreeing with the northeasterly end center of the location, being a monument of stone 36 ins. high.
450.0	North bank of Loco Creek, course N. 75° E.
756.45	Cor. No. 2
	Agrees with a corner of the location.
	Set an iron post, 3 ft. long, 1 in. diam. in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X NS No. 2-2-4186.
	No local bearing objects or bearing trees available.
	Thence S. 53° 25' W.
1500.0	Cor. No. 3
	Identical with Cor. No. 1, North Side No. 1 lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence N. 74° 06' W.
378.22	The Southwesterly end center, agreeing with the southwesterly end center of the location; identical with the northeasterly end center of the North Side No. 1 lode of this survey, hereinbefore described.
651.45	Trail, hereinbefore described.
756.45	Cor. No. 4
	Identical with Cor. No. 4, North Side No. 1 lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence N. 53° 25' E.
800.0	Trail to mine workings, bears S. 20° W. and N. 20° E.
975.0	West side of garage, 8 ft. northerly from the S.W. corner.
1500.0	Cor. No. 1 and place of beginning.
	NORTH SIDE No. 5 LODE
	Beginning at Cor. No. 1 of the North Side No. 5 lode, which is identical with Cor. No. 1 of the North Side No. 2 lode, of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence N. 74° 06' W.
378.22	The northeasterly end center, agreeing with the northeasterly end center of the location, being a monument of stone 36 ins. high.
756.45	Cor. No. 2
	Agrees with a corner of the location.

Feet :	Set an iron post, 3 ft. long, 1 in. diam. in ground and in mound of stone to top, for Cor. No. 2, with brass cap mkd. USMS X NS No. 5-2-4186; from which A juniper, 16 ins. diam., bears S. 64° 14' W., 21.1 ft. dist., mkd. X BT NS No. 5-2-4186. A juniper, 36 ins. diam., bears N. 27° 38' E., 47.6 ft. dist., mkd. X BT NS No. 5-2-4186. Thence S. 53° 25' W.
1500.0	Cor. No. 3. Agrees with a corner of the location. Set an iron post, 3 ft. long, 1 in. diam., in ground and in mound of stone to top, for Cor. No. 3, with brass cap mkd. USMS X NS No. 5-3-4186; from which A granite boulder 72 x 72 ins., 60 ins. above the ground, bears N. 37° 10' E., 18.6 ft. dist., mkd. X BR NS No. 5-3-4186. Thence S. 74° 06' E.
378.22	The Southwesterly end center, agreeing with the southwesterly end center of the location, being a monument of stone 36 ins. high.
756.45	Cor. No. 4. Identical with Cor. No. 4 North Side No. 1 lode of this survey, hereinbefore described, and agrees with a corner of the location. Thence N. 53° 25' E.
800.0	Trail, hereinbefore described.
975.0	West side of garage, 8 ft. northerly from the S W. corner.
1500.0	Cor. No. 1 and place of beginning.
	LODE LINES
	The presumed course of the vein of each of the several lode locations embraced in this survey, counted from the respective points of discovery, is as follows :
	Black Pearl No. 2 lode, S. 74° 06' E., 5.0 ft; and N. 74° 06' W., 1495.0 ft.
	Black Pearl No. 4 lode, S. 74° 06' E., 135.0 ft.; and N. 74° 06' W., 1365.0 ft.
	Black Pearl No. 3 lode, S. 74° 06' E., 75.0 ft.; and N. 74° 06' W., 1425.0 ft.
	Black Pearl No. 1 lode, N. 74° 06' W., 100.0 ft.; and S. 74° 06' E., 1400.0 ft.
	Black Pearl No. 7 lode, S. 74° 06' E., 450.0 ft.; and N. 74° 06' W., 1050.0 ft.
	Black Pearl No. 8 lode, S. 74° 06' E., 250.0 ft.; and N. 74° 06' W., 1250.0 ft.

14

Black Pearl No. 6 lode, S. 74° 06' E., 500.0 ft.; and N. 74° 06' W., 1000.0 ft.

North Side No. 3 lode, N. 53° 25' E., 700.0 ft.; and S. 53° 25' W., 800.0 ft.

North Side No. 1 lode, N. 53° 25' E., 225.0 ft.; and S. 53° 25' W., 1275.0 ft.

North Side No. 2 lode, S. 53° 25' W., 560.0 ft.; and N. 53° 25' E. 940.0 ft.

North Side No. 5 lode, N. 53° 25' E., 665.0 ft.; and S. 53° 25' W., 835.0 ft.

AREAS

	Acres
Total Area, Black Pearl No. 2 lode - - - - -	20.661
Total Area, Black Pearl No. 4 lode - - - - -	20.661
Total Area, Black Pearl No. 3 lode - - - - -	20.661
Total Area, Black Pearl No. 1 lode - - - - -	20.661
Total Area, Black Pearl No. 7 lode - - - - -	20.661
Total Area, Black Pearl No. 8 lode - - - - -	20.661
Total Area, Black Pearl No. 6 lode - - - - -	20.661
Total Area, North Side No. 3 lode - - - - -	20.661
Total Area, North Side No. 1 lode - - - - -	20.661
Total Area, North Side No. 2 lode - - - - -	20.661
Total Area, North Side No. 5 lode - - - - -	20.661

LOCATION

This survey is located in the NW 1/4 and the SW 1/4 sec. 8, the NE 1/4, the SE 1/4 and the SW 1/4 of sec. 7, the NE 1/4 and the NW 1/4, sec. 18, T. 15 N., R. 7 W., and the SE 1/4, sec. 12, & the NE 1/4 sec. 13, T. 15 N., R. 8 W., G. & S. R. B. & M., Arizona.

EXPENDITURE OF \$500

I certify that 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 is not less than \$500 and that said improvements consist of:

- No. 1 The discovery shaft of the Black Pearl No. 2 lode, the center of which being the discovery point, is on the lode line N. 74° 06' W., 5 ft. from the east end center, 4 x 6 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery shaft of the Black Pearl No. 4 lode, the center of which being the discovery point, is on the lode line, N. 74° 06' W., 135 ft. from the east end center, 4 x 6 ft., 8 ft. deep.
Value \$100.

- No. 1 The discovery shaft of the Black Pearl No. 3 lode, the center of which being the discovery point, is on the lode line, N. 74° 06' W., 75 ft. from the east end center, 4 x 6 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery cut of the Black Pearl No. 1 lode, the face of which being the discovery point, is on the lode line, S. 74° 06' E., 100 ft. from the west end center, 4 ft. wide, 10 ft. face, running N 74° W. 15 ft. to face.
Value \$100.
- No. 1 The discovery shaft of the Black Pearl No. 7 lode, the center of which being the discovery point, is on the lode line, N. 74° 06' W., 450 ft. from the east end center, 5 x 7 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery shaft of the Black Pearl No. 8 lode, the center of which being the discovery point, is on the lode line N. 74° 06' W., 250 ft. from the east end center, 4 x 7 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery shaft of the Black Pearl No. 6 lode, the center of which being the discovery point, is on the lode line N. 74° 06' W. 500 ft. from the east end center, 5 x 7 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery cut of the North Side No. 3 lode, the face of which being the discovery point, is on the lode line, S. 53° 25' W., 700 ft. from the northeasterly end center, 4 ft. wide, 10 ft. face; running S. 53° W. 12 ft. to face.
Value \$100.
- No. 1 The discovery shaft of the North Side No. 1 lode, the center of which being the discovery point, is on the lode line S. 53° 25' W., 225 ft. from the northeasterly end center, 4 x 6 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery shaft of the North Side No. 2 lode, the center of which being the discovery point, is on the lode line N. 53° 25' E., 560 ft. from the southeasterly end center, 4 x 6 ft., 8 ft. deep.
Value \$100.
- No. 1 The discovery shaft of the North Side No. 5 lode, the center of which being the discovery point, is on the lode line S. 53° 25' E., 665 ft. from the northeasterly end center, 5 x 7 ft., 8 ft. deep.
Value \$100.
- system of
- An interest in a common improvements described as follows:
is credited to each of the claims in this survey.
- No. 2 A caved shaft, the approximate depth is 55 ft. as shown on the profile accompanying the affidavit herewith. The center of the shaft bears N. 74° W., 195 ft. from the east end center of the Black Pearl No. 2 lode. I have examined the dump and from the size and extent thereof it is my opinion that the shaft was sunk to the depth as shown on the profile accompanying the affidavits. The vein dips approximately 80° south and the shaft apparently followed the dip of the vein.
Value of sinking and timbering----- \$2,200.00
Value of one eleventh interest----- \$ 200.00

No. 3 A caved shaft, the approximate depth is 60 ft., and at the depth of 30 ft. a 20 ft. drift and raise 30 ft. to surface, as shown on the profile accompanying the affidavit herewith. The center of the shaft bears S. 74° E., 325 ft. from the west end center of the Black Pearl No. 2 lode. I have examined the dump and from the size and extent thereof it is my opinion that the shaft was sunk to the depth as shown on the profile accompanying the affidavit. The vein dips approximately 80° south and the shaft apparently followed the dip of the vein.

Value of Sinking and timbering -----	\$2,400.00
Value of one eleventh interest -----	\$ 218.18

No. 4 A tunnel $4\frac{1}{2}$ x $6\frac{1}{2}$ ft. in size the portal of which bears S. 74° 06' E., 368 ft. from the west end center of the Black Pearl No. 2 lode; running S. 65° E., 96.0 ft. to Sta. 1; thence, S. 78° E., 118.5 ft. to Sta. 2; thence, S. 70° E., 88.5 ft. to Sta. 3; thence, N. 53° E., 13.4 ft. to Sta. 4; thence S. 71° 30' E., 60.0 ft. to Sta. 5; thence S. 74° 30' E., 58.6 ft. to breast, July 20, 1936, a total of 435 ft. At Sta. 1 a raise 4 x 20 ft. to surface, 29 ft. high. At Sta. 2 a raise and stope 4 x 10 ft. to surface, 45 ft. high.

Value of tunnel, raises & stopes -----	\$7,260.00
Value of one eleventh interest -----	660.00

Improvements No. 2, 3 and 4 form a system of common improvement for the development of the total of eleven lode claims of this survey, all of which are contiguous lode claims owned in common within the range of benefit of said shafts & tunnel.

The shafts No. 2 and 3, as indicated on the accompanying profile, are so situated on the ledge of the main vein as to provide adequate room for dumps as well as to provide a second exit for safety. The character, length and width of this vein indicates the probability of its having considerable depth. Drifts and crosscuts run from the lower levels will develop all of the claims embraced within this survey.

The tunnel No. 4 is in the course of construction for the development of the eleven lodes of this survey. It is contemplated that at a suitable location in this tunnel a raise will be made to the surface, on the vein. This will become the main shaft to be sunk on the vein to depths from which drifts and cross cuts run from the lower levels will develop all of the claims embraced within this survey.

This constitutes a practical and economical means of developing each of the stated lodes at depth.

One thousand dollars and over has been expended in these improvements for 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 eleventh interest in its value is hereby credited to each of said lodes ~~and a like interest apportioned to each of the other stated lodes of the common group.~~

No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

OTHER IMPROVEMENTS

A caved shaft, the approximate depth of which is 25 ft., as shown on the profile accompanying the affidavits herewith. The center of this shaft bears S. 74° E., 795 ft., from the west end center of the Black Pearl No. 2 lode.
Claimant herein.

A caved shaft, the approximate depth of which is 30 ft., as shown on the profile accompanying the affidavits herewith. The center of this shaft bears S. 74° E., 835 ft., from the west end center of the Black Pearl No. 2 lode.
Claimant herein.

A cut, the center of which bears N. 74° W., 580 ft. from the east end center of the Black Pearl No. 2 lode, caved.
Claimant herein.

A cut, the center of which bears N. 74° W., 410 ft. from the east end center of the Black Pearl No. 2 lode, caved.
Claimant herein.

A frame Blacksmith house, 12 x 15 ft., the N. W. corner of which bears S. 73° E., 300 ft. from the west end center of the Black Pearl No. 2 lode.
Claimant herein.

A caved tunnel, the approximate length of which is 250 ft. as shown on the profile accompanying the affidavits herewith. The portal of this tunnel bears S. 74° E., 100 ft. from the west end center of the Black Pearl No. 1 lode, and it runs N. 74° W.
Claimant herein.

A caved tunnel, the approximate length of which is 160 ft., as shown on the profile accompanying the affidavits herewith. The portal of this tunnel bears S. 74° E., 470 ft. from the west end center of the Black Pearl No. 1 lode, and it runs N. 74° W.
Claimant herein.

A cross-cut tunnel, 4 x 6^{ft} in size, the portal of which bears S. $59^{\circ} 45'$ W., 650 ft., from the northeasterly end center of the North Side No. 3 lode, and runs S. 80° E., 44 ft. to breast.
Claimant herein.

A Cross-cut tunnel, 4 x 6^{ft} in size, the portal of which bears S. $48^{\circ} 15'$ W., 630 ft. from the northeasterly end center of the North Side No. 3 lode, and runs S. 85° E., 80 ft. to breast.
Claimant herein.

A frame bunk house, the N. E. corner of which bears S. 62° W., 450 ft. from Cor. No. 1 North Side No. 5 lode; 16 x 36 ft. in size; the long side bears North.
Claimant herein.

A frame garage, the N. E. corner of which bears S. $54^{\circ} 00'$ W., 495 ft. from Cor. No. 1 North Side No. 5 lode; 16 x 24 ft. in size; the long side bears North.
Claimant herein.

A frame mess house, the N. E. Corner of which bears S. 47° W., 410 ft. from Corner No. 1 North Side No. 2 lode; 16 x 24 ft. in size; the long side bears N. 40° W.
Claimant herein.

A trail 5,000 ft. long, running in a Southwesterly direction, from the bunk house to the blacksmith shop, both hereinbefore described.

Claimant herein.

OTHER CORNERS

The $\frac{1}{4}$ corner of secs. 7 and 18, T. 15 N., R. 7 W., could not be found after a diligent search.

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by H. D. Phelps

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of _____

H. R. Wood, Mary Lawler and John Wm. Lawler, known as the Black Pearl No.1, Black Pearl No.2, Black Pearl No.3, Black Pearl No.4, Black Pearl No.6, Black Pearl No.7, Black Pearl No.8, North Side No.1, North Side No.2, North Side No.3, and North Side No.5 lodes

and showing the respective capacities in which they acted.

_____, *Chainman.*

George Travis, *Chainman.*

_____, *Acman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS

We, I, George Travis

and _____, do solemnly swear that we assisted _____

H. D. Phelps, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of H. R. Wood, Mary Lawler and John Wm. Lawler, known as the Black Pearl No.1, Black Pearl No.2, Black Pearl No.3, Black Pearl No.4, Black Pearl No.6, Black Pearl No.7, Black Pearl No.8, North Side No.1, North Side No.2, North Side No.3, and North Side No.5 lodes as the _____

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the _____

Acting Office Cadastral Engineer, at Phoenix, Arizona.

_____, *Chainman.*

George Travis, *Chainman.*

_____, *Acman.*

_____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 24th

day of July, 1936

[Signature]
Notary Public

My Commission Expires Sept. 3, 1936



FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by H. H. Phelps

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claims of

H. R. Wood, Mary Lawler and John Wm. Slaughter
Black Pearl No.1, Black Pearl No.2, Black Pearl No.3, Black Pearl
known as the No.4, Black Pearl No.6, Black Pearl No.7, Black Pearl No.8, North
Side No.1, North Side No.2, North Side No.3, and North Side No.5 lodes,
and showing the respective capacities in which they acted.

- Bertha Ellis , Chairman.
- , Chairman.
- , Acman.
- , Flagman.

FINAL OATHS OF ASSISTANTS

Bertha Ellis

and do solemnly swear that ~~we~~ assisted

H. H. Phelps, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of H. R. Wood, Mary Lawler and John Wm. Slaughter known as the Black Pearl No.1, Black Pearl No.2, Black Pearl No.3, Black Pearl No.4, Black Pearl No.6, Black Pearl No.7, Black Pearl No.8, ~~known as the North Side No.1, North Side No.2, North Side No.3, and North Side No.5 lodes,~~

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the ^{Acting} Office Cadastral Engineer, at Phoenix, Arizona

- Bertha Ellis , Chairman.
- , Chairman.
- , Acman.
- , Flagman

Subscribed and sworn to by the above-named persons before me this 22

day of May, 1936

my comm. expires 2/10/1940
Dellie Allen Edwards
Notary Public

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Harlow D. Phelps, U. S. Mineral Surveyor,
 do solemnly swear that, in pursuance of instructions received from the ^{Acting} Office Cadastral
 Engineer, at Phoenix, Arizona, dated January 7, 1936,
 I have, in strict conformity to the laws of the United States, the official regulations
 and instructions thereunder, and the instructions of said ^{Acting} Office Cadastral Engineer,
 faithfully and correctly executed the survey of the mining claim of Mary Lawler,
John Wm. Lawler, and H.R. Wood, known as the Black Pearl No.1, Black Pearl
No.2, Black Pearl No.3, Black Pearl No.4, Black Pearl No.6, ~~known as the~~
Black Pearl No.7, Black Pearl No.8, North Side No.1, North Side No.2, North
Side No.3, and North Side No.5 lodes,
 situate in Eureka Mining District,
Yavapai County, Arizona, in Section^s
7, 8, 12, 13 & 18, Townships No. 15 N., Ranges No. 7 and 8 W.
 and designated as Survey No. 4186, as represented
 in the foregoing field notes, which accurately show the boundaries of said mining claim
 as distinctly marked by monuments on the ground, and described in the attached copy of
 the location certificate, which was received by me from the ^{Acting} Office Cadastral Engineer
 with said instructions, and that all corners of said survey have been established and
 perpetuated in strict accordance with the law, official regulations and instructions
 thereunder; and I do further solemnly swear that the foregoing are the true and original
 field notes of said survey and my report therein, and that the labor expended and im-
 provements made upon said mining claim by claimant or its
 grantors are as therein fully stated, and that the character, extent, location, and
 itemized value thereof are specified therein with particularity and full detail, and
 that no portion of said labor or improvements so credited to this claim has been in-
 cluded in the estimate of expenditures upon any other claim.

Harlow D. Phelps
 (U. S. Mineral Surveyor)

Subscribed and sworn to by the said Harlow D. Phelps
 U. S. Mineral Surveyor, before me H. W. James

this 14th
 day of Aug, 1936

H. W. James
 Notary Public

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

Acting October 16, 1936
Office Cadastral Engineer, at Phoenix, Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Mary Lawler, John Wm. Lawler, and H.R. Wood,

known as the BLACK PEARL NO.1, BLACK PEARL NO.2, BLACK PEARL NO.3, BLACK PEARL NO.4, BLACK PEARL NO.6, BLACK PEARL NO. 7, BLACK PEARL NO. 8, NORTH SIDE NO.1, NORTH SIDE NO.2, NORTH SIDE NO. 3, and NORTH SIDE NO.5 lodes

situate in Eureka

Mining District Yavapai County Arizona

in Section 7, 12, 13 & 18, Township No. 15 N., Range No. 7 & 8 W., and

designated as Survey No. 4186, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant

or their grantors,

and that said improvements consist of 11 shafts, 2 cuts, 1 tunnel, 1 drift, 1 stope, and 2 raises, total value \$12,960.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

Sherman C. Fiske
Acting Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

October 16, 19 36

Acting

I/Office Cadastral Engineer at Phoenix, Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of Mary Lawler, John Wm. Lawler, and H. R. Wood,

known as the

BLACK PEARL NO. 1, BLACK PEARL NO. 2, BLACK PEARL NO. 3,
BLACK PEARL NO. 4, BLACK PEARL NO. 6, BLACK PEARL NO. 7, known as the
BLACK PEARL NO. 8, NORTH SIDE NO. 1, NORTH SIDE NO. 2,
NORTH SIDE NO. 3, and NORTH SIDE NO. 5 lodes

situate in Eureka mining district,

Yavapai County, Arizona

in Sections 7, 12, 13 & 18, Township No. 15 N., Range No. 7 & 8 W.

designated as Survey No. 4186

executed by Harlow D. Phelps, U. S. Mineral

Surveyor, January 10 - August 14, 1936, under my instructions dated

January 7, 1936, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.


Acting Office Cadastral Engineer.