

4-688

MINERAL SURVEY No. 4139

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

EAGLE PICHER Lead Company

KNOWN AS THE

SPEAR, RUF AND READY, PROTECTION, LADDIE, EXCELSIOR and LERCHENS FRACTION

lodes, Oro Blanco Mining District,

Santa Cruz County, Arizona

Sections 32, 33, 5, Townships 22 and 23 S., Range 11 E.

Surveyed under instructions dated October 4, 19 30

By *J. N. Stevens*
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 20, 19 30

Survey completed October 24, 19 30

Address of claimant Eagle Picher Lead Company, Ruby, Arizona.

DATES OF AMENDED LOCATIONS

See location notices.

Feet.

MINERAL SURVEY NO. 4139
SPEAR Lode.

Beginning at Cor. No.1, identical with Loc^{ation} Monument and Cor. No.3 Ruf and Ready lode of this Survey on line 2-3 Sur. No.2206, Philadelphia lode, claimant herein at S.7°47'W., 561.86 ft. from Cor. No.2 and N.7°47'E., 36.03 ft. from Cor. No.3 .

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 1 S, 3 RR - 4139 with mound of stone alongside, whence the N. 1/4 Cor. Sec. 5 , T.23 S., R.11 E. brs. N.11°37'W., 1588.89 ft.

No other bearings are available.

Thence S.7°47'W.

Va. 14°45'E

18.01 To E. end center, identical with Loc^{ation} Monument.

A pine post 4 ins. sq. by 4 ft. high set firmly in the ground and surrounded with mound of stone 3 1/2 ft. base by 3 ft. high, scribed E Cr. S.

36.03 To Cor. No.2, identical with Loc^{ation} Monument and Cor. Nos. 1,2 and 3 Sur. No.2206 , Mineral No.2, Mineral No.1, and Philadelphia lodes respectively.

A porphyry rock 6 x 10 ins. showing 10 ins. above ground set firmly in the ground, chiseled with cross (x) 2, S - 4139, 1 M2, 2,M1, 3 P - 2206, with mound of stone alongside. An oak tree 8 ins. diam. brs. N.62°32'E., 28 ft. Blazed and scribed 2-4139, 1,2,3 - 2206 B T.

No other bearings are available.

Thence N. 89°52'W.

Va. 14°45'E

1422.25 Intersect E. end line La Paz lode, unscr. Chas Hanson, Claimant at S.7°12'W., 49.88 ft. from N.E. Cor. and N.7°12'E., 208.58 ft. from E. end center.

1498.18 To Cor. No.3, identical with Loc^{ation} Monument and Cor. No.2 Sur. No.2206 Mineral No.2 lode

A porphyry rock 10 x 10 ins. showing 8 ins. above ground set firmly in the ground, chiseled with cross (x) 3, S - 4139, 2 M No.2 - 2206 with mound of stone alongside.

An oak tree 12 ins. diam. brs. N.74°51'E., 29.6 ft. Blazed and scribed 3-4139, 2-2206 B.T.

No other bearings are available.

Thence N.7°47'E.

Va. 14°45'E.

Feet.	MINERAL SURVEY NO. 4139 SPEAR Lode - Cont'd.
24.6	<p>To W. end center, identical with Loc^{ation} Monument.</p> <p>A pine post 4 ins. sq. by 4 ft. high, set firmly in the ground and surrounded with mound of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. S.</p>
53.89	<p>To Cor. No.4, identical with Loc^{ation} Monument and Cor. No.4 Ruf and Ready lode of this Survey.</p> <p>An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground with concrete base, stamped 4 S, 4 RR - 4139 with mound of stone alongside. The N.E. Cor. La Paz lode, Unsur and the S.E. Cor. Rough and Ready No.1 lode, Unsur, Griffith Jenkins claimant brs. S. 86°53'E., 75.0 ft.</p> <p>No other bearings are available.</p> <p>Thence S. 89°11'20"E. Va. 14°45'E.</p>
53.7	<p>Intersect N. line La Paz lode and S. line Rough and Ready No.1 lode Unsur at N. 81°07'W., 21.45 ft. from the N.E. and S.E. Cors. respectively.</p>
74.45	<p>Intersect E. end line Rough and Ready No.1 lode, Unsur at N. 8°27'W., 3.05 ft. from S.E. Cor. and S. 8°27'E., 593.68 ft. from N.E. Cor.</p>
1495.91	<p>To Cor. No.1, the place of beginning.</p> <p>RUF AND READY Lode.</p> <p>Beginning at Cor. No.1, identical with Cor. No.2 Protection lode of this Survey, also Cor. No.3 Sur. No.2206 Montana Dam lode.</p> <p>A granite rock 8 x 12 ins. showing 16 ins. above ground, set firmly in the ground, chiseled 1 R R., 2 P -4139, 3 M D - 2206 with mound of stone alongside, whence The N. 1/4 Cor. Sec. 5, T.23 S., R. 11 E. brs. N. 5° 53' 15 " W., 966.31 ft.</p> <p>An oak tree 18 ins. diam. brs. S. 80° W., 79.0 ft.</p> <p>No other bearings are available</p> <p>Thence S. 82°37'30"E. Va. 14°45'E.</p>
299.35	<p>To Cor. No.2, identical with Cor. No.2, Sur. No.2206 Philadelphia lode, on line 3-4, Sur. No.2206 Montana Dam lode.</p>

Feet.

MINERAL SURVEY NO. 4139
RUF AND READY Lode, Cont'd.

A porphyry rock 8 x 10 ins. showing 12 ins. above ground, set firmly in the ground, chiseled with cross (x) 2 R R - 4139, 2 P - 2206 with mound of stone alongside. Loc. Mon. brs. N. 7°47'E., 38.14 ft.
An oak tree 12 ins. diam. brs. S. 47°43'E., 47 ft. Blazed and scribed 2-4139, 2 - P - 2206 B.T.
No other bearings are available.

Thence S. 7°47'W.
Va. 14°45'E.
65.0 Gulch brs. northeasterly.
261.86 To E. end center, identical with Loc. Monument.

A pine post 4 ins. sq by 4 ft high, set firmly in the ground and surrounded with mound of stone 3 1/2 ft. base by 3 ft. high, scribed E. Cr. R R

300.0 To W. end center Sur. No. 2206 Philadelphia lode. A mound of stone.
561.86 To Cor. No. 3, identical with Loc. Monument and Cor. No. 1 Spear lode of this Sur., on line 2-3, Sur. No. 2206 Philadelphia lode at N. 7°47'E., 36.03 ft. from Cor. No. 3. Cor. heretofore described.
Thence N. 89°11'20"W.
Va. 14°45'E.

1421.46 -Intersect E. line Rough and Ready No. 1 lode, ^{unsur,} at N. 8°27'W., 3.05 ft. from S.E. Cor. and S. 8°27'E., 593.68 ft. from N.E. Cor.

1442.21 -Intersect S. line Rough and Ready No. 1, ^{lode} Unsur and N. line La Paz lode, Unsur at N. 81°07'W., 21.45 ft. from S.E. and N.E. Cors. respectively

1495.91 To Cor. No. 4, identical with Loc. Monument and Cor. No. 4 Spear lode of this Sur., heretofore described. The S.E. Cor. Rough and Ready No. 1 lode and N.E. Cor. La Paz lodes, Unsur brs. S. 86°53'E., 75.0 ft.
Thence N. 7°47'E.
Va. 14°45'E.

7.54 Intersect the S. line Rough and Ready No. 1 lode, Unsur and the N. line La Paz lode, Unsur at N. 81°07'W., ^{74.76} 53.31 ft. from the S.E. and N.E. cors. respectively

196.0 Gulch brs. westerly.
262.84 Intersect E. end line Rough and Ready No. 1 lode, Unsur at N. 8°27'W., 267.4 ft. from S.E. Cor. and S. 8°27'E., 329.33 ft. from the N.E. Cor.

300.0 To W. end center, identical with Loc. Monument.
A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with mound of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. R R

Feet.	MINERAL SURVEY NO. 4139 RUF AND READY Lode, Cont'd.
600.0	<p>To Cor. No.5, identical with Loc.^{ation} Monument, on line 2-3 Protection lode of this Survey.</p> <p>An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 5, R R - 4139 with mound of stone alongside, whence the N.E. Cor. Rough and Ready No.1 lode, Unsur, brs. S. 84°57'W., 94.42 ft.</p> <p>An oak tree 8 ins. diam. brs. S. 65°43'E., 73.3 ft.</p> <p>An oak tree 8 ins. diam. brs. S. 52°W., 19.4 ft.</p> <p>No other bearings are available.</p> <p>Thence S. 89°01'E. Va. 14°45'E.</p>
1193.91	<p>To Cor. No.1, the place of beginning.</p> <p>PROTECTION Lode.</p> <p>Beginning at Cor. No.1, identical with Loc.^{ation} Monument and Cor. No.1 Laddie lode of this Sur., and Cor. Nos. 2^{and} 3, Sur. No. 2206 Montana Dam and Mineral No.7 lodes respectively of this Survey.</p> <p>A granite rock 8 x 10 ins. showing 10 ins. above ground, set firmly in the ground, chiseled with cross (x) 1 P, 1 L - 4139, 2 M.D, 3 M No.7 - 2206 with mound of stone alongside, whence the N. 1/4 Cor. Sec. 5, T.23S., R. 11 E. brs. N. 27°39'20" W., 416.17 ft.</p> <p>An oak tree 24 ins. diam. brs. S. 16°17'W., 34.5 ft.</p> <p>No other bearings are available.</p> <p>Thence S. 9°01'W. Va. 14°45'E.</p>
300.0	<p>To W. end center, identical with Loc.^{ation} Monument and E. end center Sur. No. 2206 Montana Dam lode. A pine post 4 ins. sq by 4 ft high, set firmly in the ground and surrounded with mound of stone 3 1/2 ft. base by 3 ft. high, scribed E. Cr. P., W. Cr. M D.</p>
600.0	<p>To Cor. No.2, identical with Loc.^{ation} Monument and Cor. No.1, Ruf and Ready lode of this Survey and Cor. No.3 Sur. No.2206 Montana Dam lode heretofore described.</p> <p>Thence N. 89°01'W. Va. 14°45'E.</p>
1193.91	<p>To Cor. No.5 Ruf and Ready lode of this Survey, heretofore described.</p>
1338.90	<p>Intersect N. side line Ruf and Ready No.1 lode at N. 78°01'W., 52.01 ft. from N.E. Cor.</p>

Feet.	MINERAL SURVEY NO. 4139 PROTECTION Lode - Cont'd.	Feet
1500.0	To Cor. No.3, identical with Loc ^{tion} Monument. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground with concrete base, stamped 3 P - 4139 with m ^{ound} of stone alongside. An oak tree 6 ins. diam. brs. N. 68° E., 50.2 ft. The N.E. Cor. Rough and Ready No.1 lode, Unsu ^{red} brs. S. 86° 20' 20" E., 212.38 ft. No other bearings are available. Thence N. 9° 01' E. Va. 14° 45' E.	1500.0
30.78	Intersect N. side line Rough and Ready No.1 lode, Unsu ^{red} at N. 78° 01' W., 211.74 ft. from N.E. Cor. and S. 78° 01' E., 612.61 ft. from the N.W. Cor.	30.78
300.0	To W. end center, identical with Loc ^{tion} Monument. An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with m ^{ound} of stone 3 1/2 ft. base by 3 ft. high, and scribed W. Cr. P.	300.0
302.0	Gulch brs. westerly.	302.0
305.0	To Cor. No.4. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 4 P - 4139, with m ^{ound} of stone alongside. Loc ^{tion} Monument brs. N. 9° 01' E., 295.0 ft. An oak tree 14 ins. diam. brs. S. 4° 28' W., 23.0 ft. No other bearings are available. Thence N. 61° 25' 40" E. Va. 14° 45' E.	305.0
592.21	To Cor. No.5, An iron pipe 2 ins diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 5 P - 4139 with m ^{ound} of stone alongside, whence the S. 1/4 Cor. Sec. 32 T. 22S., R. 11E. Brs. N. 3° 27' E., 350.14 ft. An oak tree 18 ins. diam. brs. N. 4° 30' W., 35.0 ft. An oak tree 16 ins. diam. brs. S. 88° 30' W., 47.0 ft. both blazed and scribed 5-4139 B.T. No other bearings are available. Thence S. 89° 01' E. Va. 14° 45' E.	592.21
150.0	Gulch brs. northwesterly.	150.0

Feet.

MINERAL SURVEY NO. 4139
PROTECTION Lode, Cont'd.

- 390.62 To Cor. No.2 Laddie lode of this Survey, hereinafter described.
- 708.34 To S. end center Laddie lode of this Survey, hereinafter described.
- 1026.06 To Cor. No.1, the place of beginning.
- LADDIE Lode.
- Beginning at Cor. No.1, identical with Loc^{ation} Mon^{ument} and Cor. No.1 Protection lode of this Survey and Cor. Nos. 2nd & 3rd, Sur. No.2206 Montana Dam and Mineral No.7 lodes respectively, heretofore described The N $\frac{1}{2}$ Cor. Sec. 5, T.23 S., R.11 E., brs. N.27°39'20" W. 416.17 ft. Thence N. 89°01'W. Va. 14°45'E.
- 317.72 To S. end center, identical with Loc^{ation} Mon^{ument}.
- A pine post 4 ins. sq. by 4 ft high, set firmly in the ground and surrounded with m^{ound} of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. L.
- 635.44 To Cor. No.2, identical with Loc^{ation} Mon^{ument}.
- An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground with concrete base, stamped 2 L - 4139 with m^{ound} of stone alongside, whence U.S.M.M. No.3 brs. S.13°50'E., 107.04 ft.
- An oak tree 12 ins. diam brs. N. 59°30'E., 14.5 ft.
- An oak tree 16 ins. diam. brs. S. 73°E., 20.6 ft. both blazed and scribed 2- 4139 B T.
- No other bearings are available.
- Thence N.21°00'E.
Va. 14°45'E.
- 850.0 Gulch brs. Northwesterly.
- 898.72 Intersect S. side line Parallel lode, Unsu^{red}, Consomation Copper Co., Claimant at S. 51°04'30" W., 362.86 ft. from S.E. Cor. and N.51°04'30"E., 935.44 ft. from S.W. Cor.
- 1080.0 Gulch brs. westerly.
- 1175.0 Road brs. southwesterly.
- 1371.32 Intersect E. end line Parallel lode Unsu^{red}, at S.27°55'E., 53.98 ft. from N.W. Cor. and N.27°55'W., 241.25 ft. from N.E. Cor.
- 1492.08 To Cor. No.3, identical with Loc^{ation} Mon^{ument}.
- An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, with concrete base, stamped 3-L - 4139 with m^{ound} of stone alongside.

Feet.

MINERAL SURVEY NO. 4139
LADDIE Lode, Cont'd.

The N.W. Cor. Parallel lode, Unsur^d brs. S.46°30'W., 94.51 ft.
The N.E. Cor. Parallel lode, Unsur^d brs. S.12°04'E., 333.29 ft.
An oak tree 10 ins. diam. brs. S. 89°W., 48.2 ft.
An oak tree 16 ins. diam brs. N. 87°09'E., 16.2 ft. Both blazed and scribed 3-4139 B T .
No other bearings are available.

Thence S. 89°01'E
Va. 14°45'E.

154.22 Intersect W. side line Spring lode, Unsur, B.H. Worthington claimant at N.34°17'E., 220.3 ft. from S.W. Cor. and S.34°17'W., 1279.7 ft. from N.W. Cor.

317.72 To N. end center, identical with Loc^{ation} Monument.
An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with m^{ound} of stone 3 1/2 ft. base by 3 ft. high, scribed N. Cr. L.

322.55 To Cor. No.4.
An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground set 18 ins. in the ground, with concrete base, stamped 4 L - 4139 with m^{ound} of stone alongside.

The S.W. Cor. Spring lode, Unsur^d brs. S.58°20'30" W., 342.92 ft.
Loc^{ation} Mon^{ument} brs. S.89°01'E., 312.29 ft.

No other bearings are available.

Thence S.9°01'W.
Va. 14°45'E.

190.0 Road brs. southeasterly.
216.0 To Cor. No.3 Excelsior lode of this Survey hereinafter described,
516.0 To W. end center Excelsior lode of this Survey, hereinafter described,
676.0 Gulch brs. easterly.
816.0 To Cor. No.4 Excelsior lode of this Survey and Cor. No.2 Sur. No. 2206 Mineral No.7 lode.
1116.0 To W. end center Sur. No.2206, Mineral No.7 lode, A m^{ound} of stone.
1121.0 Gulch brs. southeasterly.
1166.0 Gulch brs. easterly.
1415.86 To Cor. No.1, the place of beginning.

and intersect south end line Spring lode, Unsur^d brs. S.82°28'E. 260.8 ft. from the S.W. Cor.

EXCELSIOR Lode.

Beginning at Cor. No.1, identical with Loc^{ation} Mon^{ument} and Cor. No.1 Sur. No.2206 Mineral No.7 lode, on line 1-2 Sur. No.2206 Mineral No.4 lode.

A granite rock 10 x 12 ins. showing 14 ins. above ground, set firmly in the ground, chiseled with cross (x) 1 Ex - 4139, 1 M.No.7 -2206 with m^{ound} of stone alongside, whence the the Cor. to Secs.

Feet.

MINERAL SURVEY No.4139
EXCELSIOR Lode - Cont'd.

32 and 33 on the township line bet^{ween} Tps.22 and 23 S., R.11 E.
brs: S.51°37'E.,47.4 ft.

An oak tree 18 ins. diam. brs. S. 20°58'E., 36.25 ft.

No other bearings are available.

Thence N. 9°01'E.
Va. 14°45'E.

300.0 To E. end center, identical with Loc^{ation} Mon^{ument} and Cor. No.1 Sur. No.
2206 Mineral No.4 lode.

A granite rock 8 x 10 ins. showing 8 ins above ground, set firmly
in the ground, chiseled with cross (x) - E. Cr. Ex, 1-M.No.4-2206
with mo^{und} of stone alongside.

600.0 To Cor. No.2, identical with Loc^{ation} Mon^{ument} on line 4-1 Lerchen's
Fraction lode of this Survey.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground,
set 18 ins. in the ground, stamped 2 Ex- 4139 with mo^{und} of stone
alongside.

An oak tree 12 ins. diam. brs. N. 8° E., 62.0 ft.

No other bearings are available.

Thence N.82°28'W.
Va. 14°45'E.

210.0 Road brs. northeasterly.

330.0 Gulch brs. southwesterly.

430.0 Gulch brs. southeasterly.

950.0 Gulch brs. southeasterly.

1085.0 Gulch brs. southeasterly.

1090.0 To Cor. No.4 Lerchen's Fraction lode of this Survey, hereinafter
described. And S.E. Cor. Spring lode, Unsur.

1400.0 Road brs. southeasterly.

1500.0 To Cor. No.3, identical with Loc^{ation} Mon^{ument} on line 4-1 Laddie lode of
this Survey.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground,
set 18 ins. in the ground, with concrete base, stamped 3 Ex - 4139
with mo^{und} of stone alongside.

An oak tree 10 ins. diam. Brs. s.56°02'W., 75.1 ft. blazed and
scribed 3 - 4139.

Feet

MINERAL SURVEY NO. 4139
EXCELSIOR Lode - Cont'd.

S.W. Cor. Spring lode, Unsund brs. N.82°28'W., 260.8 ft.

No other bearings are available.

Thence S. 9°01'W.,
Va. 14°45'E.

300.0 To W. end center, identical with Loc^{tion} Monument.

A pine post 4 ins. sq. by 4 ft. high, set firmly in the ground and surrounded with m^{ound} of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. Ex.

460.0 Gulch brs. easterly.

600.0 To Cor.No.4, identical with Loc^{tion} Monument and Cor. No.2, Sur. No.2206

Mineral No.7 lode, on line 4-1 Laddie lode of this Survey.

A granite rock 6 x 8 ins. showing 10 ins above ground, set firmly in the ground, chiseled with cross (x) 4 Ex -4139, 2 M. No.7-4139 with m^{ound} of stone alongside.

The N.1/4 Cor. Sec. 5 on Tp.line bet^{ween} Tps 22 and 23 S. R.11 E. brs. S. 52°03'W., 364.18 ft.

No other bearings are available.

Thence S. 82°28'E.
Va. 14° 45'E.

500.0 Road brs. southeasterly.

670.0 Gulch brs. southerly

770.0 Road brs. southerly.

865.0 Road brs. southerly.

990.0 Gulch brs. southerly.

1070.0 Road brs. southerly.

1500.0 To Cor. No.1; the place of beginning.

LERCHEN'S FRACTION Lode.

Beginning at Cor. No.1, identical with Loc^{tion} Monument.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped L L F - 4139 with m^{ound} of stone alongside. Whence the Cor. to Secs. 32,33 on township line bet^{ween} Tps 22 and 23 S. R.11 E. brs. S.39°11'30"W., 733.20 ft.

An oak tree 12 ins. diam. brs. N.73°37'E., 30 ft. Blazed and scribed 1-4139 B T.

No other bearings are available.

Feet.

MINERAL SURVEY NO. 4139
 LERCHEN'S FRACTION Lode- Cont'd.

Thence N. 34°17'E.
 Va. 14°45'E.

335.4 To E. end center, identical with Loc. ^{ation} Monument.

An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with m^{und} of stone 3 1/2 ft. base by 3 ft. high scribed E. Cr. L F.

670.8 To Cor. No. 2, identical with Loc. ^{ation} Monument.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2 L F - 4139, with m^{und} of stone alongside.

An oak tree 16 ins. diam. brs. S. 67° W., 17.5 ft. blazed and scribed 2 - 4139 B T.

No other bearings are available.

Thence N. 82°28'W.
 Va. 14°45'E.

540.0 Road brs. southwesterly.

630.0 Gulch brs. southwesterly.

1500.0 To Cor. No. 3, identical with Loc. ^{ation} monument. On E. side line Spring lode, Uns^{ur} at S. 34°17'W., 829.2 ft. from N.E. Cor.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 3 L F - 4139, with m^{und} of stone alongside .

No bearings are available.

Thence S. 34°17'W.
 Va. 14°45'E.

335.4 To W. end center, identical with Loc. ^{ation} Monument.

A pine post 4 ins. ^{sq.} by 4 ft. high, set firmly in the ground and surrounded with m^{und} of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. L F.

665.0 Gulch brs. southeasterly.

670.8 To Cor. No. 4, identical with Loc. ^{ation} monument. On line 2, 3 Excelsior lode of this Sur.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, with concrete base, stamped 4 L F. - 4139 with m^{und} of stone alongside.

Feet.

MINERAL SURVEY No.4139
LERCHEN'S FRACTION Lode, Cont'd.

An oak tree 18 ins. diam. brs. S. 68°57'E., 89.2 ft.

No other bearings are available.

Thence S. 82°28'E.
Va. 14°45'E.

5.0

Gulch brs. southeasterly.

140.0

Gulch brs. southeasterly.

660.0

Gulch brs. southeasterly.

760.0

Gulch brs. southwesterly.

880.0

Road brs. southwesterly.

1090.0

To Cor. No.2, Excelsior lode of this Survey heretofore described.

1500.0

To Cor. No.1, the place of beginning.

LODE LINES.

As near as can be determined from the present developments, the veins of the several locations embraced in this claim extend as follows from their respective discoveries.

SPEAR Lode.

78.0 ft. N.89°37'W., and 1419.35 ft. S.89°37'E.

RUF AND READY Lode.

700.0 ft. S.89°11'20"E., and 795.91 ft. N.89°11'20"W.

PROTECTION Lode.

750.0 ft., S.89°01'E., and 750.0 ft. N.89°01'W.

LADDIE Lode.

650.0 ft. S.21°00'W., and 842.08 ft. N.21°00'E.

EXCELSIOR Lode.

500.0 ft. N.82°28'W., and 1000.0 ft. S.82°28'E.

LERCHEN'S FRACTION Lode.

300.0 ft. N.82°28'W., and 1200.0 ft. S.82°28'E.

AREA.

Total area Spear lode, ----- Acres 1.533

Area in conflict with,

La Paz lode, Unsur, ----- 0.091

Rough and Ready No.1 lode, Unsur, ----- 0.000

Total area Ruf and Ready lode ----- 20.259

Area in conflict with,

Rough and Ready No.1 lode, Unsur, ----- 0.218

La Paz lode, Unsur, ----- 0.005

Total area Protection lode ----- 18.869

Area in conflict with,

Rough and Ready No.1 lode, Unsur, ----- 0.056

Total area Laddie lode ----- 15.416

MINERAL SURVEY NO. 4139

AREA - Cont'd.

Acres

Laddie Lode.

Area in conflict with;

Spring lode, Unsur, -----1.002

Parallel lode, Unsur, ----- 0.986

Total area, Excelsior lode ----- 20.654

Total area, Lerchen's Fraction lode ----- 20.627

LOCATION.

This survey is located in the S.E. 1/4 Sec. 32, the S.W. 1/4 Sec. 33, T. 22 S., R. 11 E. and the N. 1/2 Sec. 5 T. 23 S. R. 11 E. G. & S. R. M., Oro Blanco Mining District, Pima County, Arizona, and within the Coronado National Forest.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of;

SPEAR Lode.

No.1 The discovery shaft, the center of which is on the lode line 78 ft. from a point on line 3-4, at N. 7°47'E., 24.6 ft. from cor No.3, 4 x 6 ft. 17 ft. deep.

Value \$170.0

An undivided 1/17 th interest in improvement No.8 Ruf And Ready lode of this Sur. herinafter described, credited to this lode.

Value \$ 3000.00

Ruf and Ready Lode.

No.1 The discovery shaft, the center of which being the discovery point, on the lode line, 700 ft. from a point on line 2-3, at S.7°47'W., 261.86 ft. from Cor. No.2, 4 x 6 ft. 8 ft. deep.

Value \$100.0

No.2 A shaft, the center of which brs. from Cor. No.4 N.67°20'E., 880.0 ft. 4 x 6 ft. 100 ft. deep, (timbered)

Value \$2000.0

No.3 A tunnel, the mouth of which brs. from Cor. No.4 N.30°45'E., 310.0 ft. 4 x 6 ft. running N. 8° E.100.0 ft. to face.

Value \$1000.0

No.4 An inclined shaft, the collar of which brs. from Cor. No.4 N.20°47'E., 235.0 ft. 4 x 6 ft. 20 ft. deep. At the bottom of which is a drift 4 x 6 ft. running S.58°W., 100 ft. to mouth.

Value \$1200.0

MINERAL SURVEY NO. 4139

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd.

RUF AND READY Lode.

No.5 A tunnel, the mouth of which brs. from Cor. No.4 N.22°E., 250 ft. 4 x 6 ft. running S.23°W., 30 ft. to face.
Value \$300.0

No.6 A cut, the face of which brs. from Cor. No.4 N.48°30'E., 95 ft. 5 ft. wide, 8 ft. face running N.7°E., 15 ft. to mouth.
Value \$100.0

No.7 A cut, the mouth of which brs. from Cor. No.3 N.82°11'W., 240.0 ft., 4 1/2 ft. wide, 8 ft. face, running west 15 ft. to face.
Value \$100.0

No.8 An inclined shaft, the center of which brs. from Cor. No.2 S.38°17'W., 330.0 ft. 6 x 8 ft. running N.25°E., 48 ft. to point, thence N.15°E., 196.0 ft. to Sta.300 on the 300 ft. level, being 348.0 ft. below collar.

From Sta.300, A cross-cut 4 x 6 ft. running N.39°30'W., 16.0 ft. to face, at which is an inclined winze, 4 x 6 ft. 100 ft. deep.

At Sta. 300 is an inclined winze 4 x 6 ft. 100 ft. deep.

From Sta. 300 A drift 4 x 6 ft. running S. 44°30'E., 20.0 ft. to

Sta. 301. Thence S.87°00'E., 18.0 ft. to Sta. 302

thence N.70°00'E., 24.0 ft. to Sta. 303

thence S.84°42'E., 39.0 ft. to Sta. 304

thence S.77°00'E., 29.0 ft. to Sta. 305

thence N.87°00'E., 4.0 ft. to E. end line .

thence (in Sur.No.2206, Philadelphia lode, data from company's record on account of inaccessibility of the workings)

N.87°00'E., 13.0 ft. to point

thence S.74°00'E. 30.0 ft. to point,

thence S.85°30'E., 59.0 ft. to point,

thence S.70°00'E., 49.0 ft. to point,

thence S.85°30'E., 35.0 ft. to point,

thence N.79°30'E., 67.0 ft. to point,

thence S.63°45'E., 43.0 ft. to point,

thence S.89°30'E., 95.0 ft. to point,

thence N.75°00'E., 117.0 ft to point,

thence S.75°00'E., 20.0 ft. to point,

MINERAL SURVEY NO. 4139

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd.

RUF AND READY Lode.

thence N.70°30'E., 47.0 ft. to point,
 thence S.76°30'E., 20.0 ft. to center shaft
 6 x 12 ft. (timbered) 715 ft. deep. (~~From 235 ft. to surface, net
 included in the value of this improvement.~~)
 From Sta. 301, A drift 4 x 6 ft. running West, 39.5 ft. to Sta. 306
 thence N.70°14'W., 48.0 ft. to Sta. 307
 At Sta 307 A cross-cut 4 x 6 ft. running N.20°E., 15.0 ft. to inclined
 winze, 4 x 6 ft., 100 ft. deep.
 At Sta. 307 A drift 4 x 6 ft. running N.70°14'W., 50.0 ft. to Sta.
 308. An inclined winze 4 x 6 ft. 100 ft. deep.
 From Sta. 308, A drift 4 x 6 ft. running N.86°W., 73.0 ft. to Sta. 309
 At Sta. 309 An inclined winze 4 x 6 ft. 100 ft. deep.
 From Sta. 309 A drift 4 x 6 ft. running N.87°W. 21.0 ft. to Sta. 310
 At Sta. 310 An inclined winze 4 x 6 ft. 100 ft. deep, connecting
 with 400 ft. level.
 From Sta. 310 A drift 4 x 6 ft. running N.87°W., 55.0 ft. to Sta. 311.
 thence N.87°W., 8.0 ft. to Sta. 312
 thence North 23 ft. to face.
 At Sta. 311 An inclined winze 4 x 6 ft. 100 ft. deep.
 thence down said incline N.6°21'E., 62.0 ft. to Sta. 400 on the 400 ft.
 level, thence a cross-cut 4 x 6 ft. running N.10°E., 30 ft. to face.
 From Sta. 400 a drift 4 x 6 ft. running N.74°W., 49.0 ft. to Sta. 401
 thence S.85°30'W., 19.0 ft. Sta. 402.
 thence S.76°W., 40.0 ft. to face.
 From Sta. 402 A drift. 4 x 6 ft. running S.42°53'W., 39.0 ft. to Sta. 403
 thence West 30 ft. to face.
 From Sta. 400 A drift 4 x 6 ft. running S.77°41'E., 51.0 ft. to Sta. 404
 thence N.14°W. 35.0 ft. to face.
 From Sta. 404 A drift 4 x 6 ft. running N.67°55'E., 30 ft. to Sta. 405
 thence S.76°E., 20.0 ft. to Sta. 406 on
 E. end line Protection lode of this sur.
 thence North 30.0 ft. to face.

MINERAL SURVEY NO. 4139

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd

RUF AND READY Lode.

From Sta. 406 (in Sur.No.2206, Montana Dam lode, Data from company's record on account of inaccessibility of workings.)

S.72°E.,30.0 ft. to point

thence N.83°30'E.,33.0 ft. to point,

thence S.71°00'E.,27.0 ft. to point,

thence N.77°15'E.,46.0 ft. to point,

thence S.74°00'E.,43.5 ft. to point,

thence S.79°00'E.,130.0ft. to point,

thence N.82°30'E.,35.0 ft. to point.

thence S.75°00'E.,23.0 ft. to point,

thence N.79°00'E.,60.0 ft. to point,

thence S.58°00'E.,42.0 ft. to point,

thence S.84°30'E.,185.0 ft.to point.

thence S.72°00'E.,24.0 ft. to point,

thence N.78°45'E.,27.0 ft. to point,

thence N.53°00'E.,21.0 ft. to point,

thence N.73°30'E.,81.0 ft. to point,

thence N.84°45'E.,28.0 ft. to point,

thence S.15°30'E.,68.0 ft. to point,

thence S.82°30'E.,40.0 ft. to center shaft

6 x 12 ft. (timbered) 715 ft. deep, being at the 400 ft. level.

Total length of drifts and cross-cuts 2,394 ft.

Total depth of shafts ----- 1,063 ft

Total depth of winze ----- 700.

Total value \$51,000.00

An undivided 1/17 interest is assigned to this claim, value \$3000

This shaft is a practical and feasible main working shaft, in the course of construction for the development of the six claims of this survey, consisting of the Spear, Ruf and Ready, Protection, Laddie, Excelsior, and Lerchen's Fraction lodes, together with Sur. No.4141 Eagle lode, also the ten claims of Sur. No. 2206, consisting

MINERAL SURVEY NO. 4139

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd.

RUF AND READY Lode.

of the Mineral No.1, Mineral No.2, Mineral No.3, Mineral No.4, Mineral No.5, Mineral No.6, Mineral No.7, Montana Dam, Montana Camp, and Philadelphia lodes, all belonging to claimant herein.

As by drifting and cross-cutting therefrom in different directions, towards and under the several mentioned claims, the entire group may be advantageously developed and ore extracted therefrom, as all the discoveries are above the present bottom of shaft.

This improvement is therefore a common improvement for the benefit of each of the several mentioned claims.

An undivided 1 / 17 interest in this improvement, value \$3000 is properly accredited to each of the above mentioned claims.

PROTECTION Lode.

No.1 The discovery cut, the face of which being the discovery point, on the center line, 750.0 ft. from the center of line 1-2, 4 1/2 ft. wide, 8 ft. face, running S. 20° W., 15 ft. to mouth.
Value \$100.00

No.2 A diamond drill hole which bears from Cor. No.5 S.2°29' W., 185.0 ft. 1 in. diam. 900 ft. deep.
Value \$2790.0

No.3 A diamond drill hole, which bears from a point on line 5-1, at S.89°01'E., 390.62 ft. from Cor. No.5, thence S.59°E., 150.0 ft. 1 in. diam, 1050.0 ft. deep.
Value \$3200.0

An undivided 1/17 interest in improvement No.8, Ruf and Ready lode heretofore described, credited to this lode.
Value \$3000.00

LADDIE Lode.

No.1 The discovery shaft, the center of which being the discovery point, on the lode line 650.0 ft. from the center of line 1-2, 4 x 6 ft. 20 ft. deep.
Value \$200.0

MINERAL SURVEY NO. 4139
EXPENDITURE OF FIVE HUNDRED DOLLARS -Cont'd.
LADDIE Lode.

No.2 A shaft, the center of which brs. from Cor. No.4 S.13°W., 400.0 ft., 4 x 6 ft. 10 ft. deep.
Value \$100.0

An undivided 1/7 interest in improvement No.8, Ruf and Ready Lode, heretofore described, credited to this lode.
Value \$3000.00

EXCELSIOR LODE

No.1 The discovery point, on the center line, 500 ft. from the center of line 3-4, A md. of stone on cropping.

No value.

No.2 A shaft, the center of which brs. from Cor. No.4, N.61°30'E., 590.0 ft. 4 x 6 ft. 10 ft. deep.
Value \$100.0

No.3 A cut, the mouth of which brs. from Cor. No.4 N.68°30'E., 420.0 ft. 4 1/2 ft. wide running N.40°E., 20 ft. to face. At face is a tunnel 4 x 6 ft. running N.30°E., 18 ft. to face.

Value Cut and tunnel \$280.0

No.4 A shaft., the center of which brs. from Cor. No.1 N.66°30'W., 660.0 , 4 x 6 ft. 10 ft. deep.
Value \$100.0

An undivided 1/7 interest in improvement No.8 , Ruf and Ready lode, heretofore described, credited to this lode.

Value \$3000.0

LERCHEN'S FRACTION Lode.

No.1 The discovery cut, the mouth of which being the discovery point, on the center line 300 ft. from the center of line 3-4, 4 1/2 ft. wide, 8 ft. face, running S.82°30'E., 15 ft. to face.

Value \$100.0

No.2 A shaft, the center of which brs. from Cor. No.4, N.66°17'E., 350.0 ft. 4 x 6 ft. 10 ft. deep.
Value \$100.00

No.3 A cut, the mouth of which brs. from Cor. No.1 N.67°28'W., 690.0 ft. 4 1/2 ft. wide 8 ft. face running S. 50°E. 18 ft. to face. from face is a tunnel 4 x 6 ft. running S. 50° E., 10 ft. to face.
Value \$200.00

An undivided 1/7 interest in improvement No.8 Ruf and Ready lode of this Sur. heretofore described , credited to this lode.
value \$3000.

MINERAL SURVEY NO. 4139

OTHER IMPROVEMENTS.

A frame dwelling, the N.W. Cor. of which brs. from Cor. No.3 Excelsior lode, S.68°E., 325.0 ft. 12 x 24 ft., Course of long sides N.70°E.

An adobe house, the S.E. Cor. of which brs. from Cor. No.1, Excelsior lode N.67°28'W., 730.0 ft. 12 x 24 ft. Course of long sides N.12°E.

An adobe store building, the S.E. Cor. of which brs. from Cor. No.1 Excelsior lode N.81°W., 660.0 ft. 40 x 110 ft. Course of long sides N.12°E.

A frame dwelling, the S.W. Cor. of which brs. from Cor. No.4 Lerchen's Fraction lode, N.54°32'E., 410 ft. 12 x 24 ft. Course of long sides N.17°W.

INSTRUMENT.

This survey was made with a Buff & Buff mountain transit, the courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

REPORT

The lode line of each location of this claim was run directly upon the ground and the corners were established by running around the claims. All tie lines were run directly upon the ground.

The Cor. to Secs. 32, 33 on the S. boundary T.22S., R.11 E., The S. 1/4 Cor. Sec. 32, above Tp and Range and the N.1/4 Cor. Sec. 5, T.23 S. R. 11 E. all consist of iron pipe, capped with brass and stamped with the number of the sections.

U.S.M.M. No.3 consists of a mound of stone 6 ft. base by 4 1/2 ft. high, in the center of which is a very old oak post, showing 1 ft. above md. There are no markings on the post but its identity was established from its relative position to Mineral Survey No.2206.

Sur. No.2206, Mineral No.2, Mineral No.1, Philadelphia, Montana Dam Mineral No.7 and Mineral No.4 lodes, all corners consist of stone, properly set and chiseled with the number of the corner and the survey. Line 1-2 Mineral No.2 lode fails to furnish the course and distance as approved (N.89°53'W., 1500) Line 2-3 Philadelphia lode fails to furnish the distance as approved (600.0 ft) Lines 2-3

MINERAL SURVEY NO. 4139

REPORT - Cont'd.

Mineral No.7 lode fails to furnish the course and distance as approved (S9°02'W., 600.0 ft)

~~Mineral~~ ~~Line 2-3~~, Montana Dam lodes fails to furnish the course as approved (S.9°02'W.) Line 1-2 Mineral No.7 lode and line 1-2

Mineral No.4 lode fail to furnish the courses as approved (N82°33'W and S 9°02'W., respectively) and the above are properly given in these

field notes. The tie from Cor. No.1, Mineral No.7 lode fails to furnish the course and distance as approved (S.49°54'E., 46.7 ft. and same are properly given in these field notes.

ADJOINING CLAIMS.

On the North by Spring lode, Uns. B.H. Worthington, Claimant.

On the East by Sur. No.2206, Mineral No.4, ^{Mineral No.} 7, Montana Dam and Philadelphia lodes, claimant, herein.

On the South by Sur. No.2206 Mineral Nos. 2, 7 lodes, claimant herein.

On the West by La Paz lode, Uns, Chas. Hanson Claimant, Rough and Ready No.1 lode, Uns., Griffith Jenkins Claimant, Sleeper lode, Uns.

Glen Anderson, Claimant; Reward lode, Uns. Emma V. Maloney Claimant,

Parallel lode, Uns., Consomation Copper Co. claimant, and Spring lode Uns.

do not include in copy of notes.

SOLAR OBSERVATION.

Direct Solar observation taken Tues. Oct. 21, 1930 at 3:05 P.M Solar time. Sun bisected. - Lat. 31°28', Lon. 111°12'

Difference in time 10h 30m

App't Dec'l = 10°32'13.9"

9'23.5"

Dec'l = 10°41'37.4 + 90° = 100°41'37.4" = P

L = 31°28'

h = 29°43'19" (Appt h = 29°45' - Ref = 1'41")

P = 100°41'37.4"

2) 161 52 56

S = 80°56'28"

$$\sin \frac{1}{2} A = \sqrt{\frac{\sin (S-L)(S-h)}{\cos L \cos h}}$$

S-L = 49°28'28"

9.8808800

S-h = 51°13'09"

9.8918426

0.0690795

0.0612593

2) 19.9030614

9.9515307 = 63°25'52"

126°51'44"

180° - 126°51'44" = S.53°08'16"W., Bearing of sun.

45°21'15" Ang. to left from Sun.

S. 7°47' W. - Course of line 2-3 Ruf and Ready.

Set up at Cor. No.2, Ruf and Ready lode, FS. to Cor. No.3.

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by T.N. Stevens

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 _____

Eagle Picher Lead Company

known as the ~~SPEAR, RUF and READY, PROTECTION, LADDIE, EXCELSIOR and LERCHEN'S~~
FRACTION Lodes

and showing the respective capacities in which they acted.

- F.T. Burgess, *Chainman.*
-, *Chainman.*
-, *Asman.*
-, *Flagman.*

FINAL OATHS OF ASSISTANTS

We, I. F.T. Burgess

and _____, do solemnly swear that we assisted _____

T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of EAGLE PICHER LEAD Company

known as the ~~SPEAR, RUF AND READY, PROTECTION, laddie, EXCELSIOR, and LERCHEN'S~~
FRACTION 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 Office Cadastral Engineer, at Phoenix, Arizona.

- F. J. Burgess, *Chainman.*
-, *Chainman.*
-, *Asman.*
-, *Flagman*

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

day of November, 1930

[Signature]
Notary Public

Corn Exp
11/29/31

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated October 4, 1930, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Eagle Picher Lead Company, known as the SPEAR, RUF AND READY, PROTECTION, LADDIE, EXCELSIOR, and LERCHEN'S FRACTION lodes, situate in Oro Blanco Mining District, Santa Cruz County, Arizona, in Sections 32, 33, 5, Township Nos 22, 23 S., Range No. 11 E., and designated as Survey No. 4139, 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 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 improvements 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 included in the estimate of expenditures upon any other claim.

T.N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said G.N. Stevens
U. S. Mineral Surveyor, before me O.J. Richey a
Notary Public this 24th
day of November, 1930

O.J. Richey
Notary Public

GOVERNMENT PRINTING OFFICE

Com Exp 11/29/31

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

February 27, 1931

I, 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

Eagle Picher Lead Company

known as the SPEAR, RUF AND READY, PROTECTION, LADDIE, EXCELSIOR, and LERCHEN'S FRACTION lodes situate in Oro Blanco

Mining District Santa Cruz County Arizona

in Section 32, 33, Township No. 22 S., Range No. 11 E., and 5, 23 S., 11 E., and

designated as Survey No. 4139, 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 its grantors, and that said improvements consist of 6 cuts, 11 shafts, 4 tunnels, and 2 drill holes, with 2494 ft. of drifts and crosscuts, total value \$62,360, of which \$33,000 is credited to the claims of Mineral Surveys No. 2206 and 4141.

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.

John D. Adams Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

February 27, 1931

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

Eagle-Picher Lead Company

, known as the

SPEAR, RUF AND READY, PROTECTION, LADDIE, EXCELSIOR, and LERCHEN'S FRACTION lodes

situate in Oro Blanco mining district,

Santa Cruz County, Arizona

in Sections 32, 33, 5, Township No. 22 S., 23 S., Range No. 11 E., and 11 E.

, designated as Survey No. 4139

executed by T. N. Stevens, U. S. Mineral

Surveyor, October 20 - 24, 1930, under my instructions dated

October 4, 1930, 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.

John P. Adams Office Cadastral Engineer.