

4-683

MINERAL SURVEY No. 4140

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Eagle-Picher Lead Company

KNOWN AS THE

SAN MAGULL, RUBY No.1, and Ruby No.2 lodes

Oro Blanco.

Mining District,

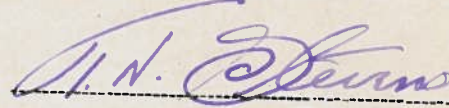
Santa Cruz

County, Arizona

Section 8, Township 23 S., Range 11 E.

Surveyed under instructions dated October 4, 19 30

By



U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 24, 19 30

Survey completed October 26, 19 30

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

DATES OF AMENDED LOCATIONS

See amended location notices.

Feet.	MINERAL SURVEY NO. 4140
	SAN MAGUIL Lode.
	Beginning at Cor. No.1, 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 1 S M - 4140 with mound of stone alongside, whence the 1/4 Cor. bet ^{ween} Secs. 5 and 8, T.23S., R.11 E. brs. N.2°50'W., 1180.38 ft.
	No other bearings are available.
	Thence S.1°57'W. Va. 14°45'E.
304.3	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 mound of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. S M.
550.0	Gulch brs. easterly.
608.6	To Cor. No.2, identical with Loc. ^{ation} Mony ^{ment} and Cor. No.1 Ruby No.2 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 S M., 1 R. No.2 - 4140 with mound of stone alongside.
	No bearings are available.
	Thence N.76°23'E. Va. 14°45'E.
100.0	Gulch brs. easterly.
311.4	To N. end center Ruby No.2 lode of this Survey ^{ey} , hereinafter described.
350.0	To water line, reservoir.
420.0	Leaves reservoir.
622.8	To Cor. No.2, Ruby No.2 lode of this Survey ^{ey} , hereinafter described.
1500.0	To Cor. No.3, 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 3 S M - 4140, with mound of stone alongside.
	No bearings are available.
	Thence N.1°57'E. Va. 14°45'E.
190.0	Gulch brs. westerly.
304.3	To E. end center, in gulch, brs. southwesterly.

Feet.

MINERAL SURVEY No. 4140

SAN MAGUIL Lode, Cont'd.

A mesquite post 4 ins. diam. 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 M.

465.0 Gulch brs. southwesterly.

608.6 To Cor. No.4, identical with Loc. ^{tion} Monument On line 2-3 Ruby No.1 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 4 S M -4140, with mound of stone alongside.

S.W. Cor. Big lode No.2, Uns. Arthur Noon, claimant brs. N.69°17'W., 189.2 ft.

No other bearings are available,

Thence S.76°23'W.

Va. 14°45' E.

177.26 Gulch brs. southwesterly.

917.26 To Cor. No.2 Ruby No.1 lode of this Survey, hereinafter described.

1075.0 Road brs. southerly.

1170.0 To Water line, reservoir.

1330.0 Leave reservoir.

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

RUBY NO. 1 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 1 R No.1 - 4140 with mound of stone alongside, whence the 1/4 Cor. Bet. ^{ween} Secs. 5-8, T.23 S., R.11 E. brs. N.55°47'W., 604.13 ft.

No other bearings are available.

Thence S. 26°13'E.

Va. 14°45'E.

307.4 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 mound of stone 3 1/2 ft. base by 3 ft. high, scribed W. Cr. R No.1

410.0 Road brs. southwesterly.

440.0 Water line reservoir.

490.0 Leave reservoir.

Feet. MINERAL SURVEY NO. 4140

RUBY NO. 1 lode- Cont'd.

614.8 To Cor. No.2, identical with Loc. Mon. on line 4-1 San Maguil lode of this Sur.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2 R No.1- 4140 with md of stone alongside.

No bearings are available.

Thence N.76°23'E.
Va. 14°45'E.

740.0 Gulch brs. southwesterly.

917.26 To Cor. No.4, San Maguil lode of this Sur., heretofore described.

1023.57 Intersect S. end line Big lode No.2, Uns. Arthur Noon, Claimant at S.81°29'20"E., 283.38 ft. from S.W. Cor. and N.81°29'20"W., 316.12 ft. from S.E. Cor.

1200.00 Gulch brs. southwesterly.

1416.16 Intersect E. side line Big Lode No.2, Uns. at N.26°20'20"E., 155.34 ft. from S.E. Cor. and S.26°20'20"W., 528.12 ft. from N.E. Cor.

1500.0 To Cor. No.3, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 3 R. No.1 - 4140 with md. of stone alongside.

S.E. Cor. Big Lode No.2, Uns. brs. S.43°25'W., 218.83 ft.

S.W. Cor. Big Lode No.2, Uns. brs. S.84°36'10"W., 746.61 ft.

No other bearings are available.

Thence N.26°13'W.
Va. 14°45'E.

80.95 Intersect East side line Big Lode No.2, Uns. at S.26°20'20"W., 425.07 ft. from N.E. Cor. and N.26°20'20"E., 258.39 ft. from S.E. Cor.

150.0 Gulch brs. southeasterly.

307.4 To E. end center, identical with Loc. Mon.

A mesquite post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high, scribed

E. Cr. R. No.1
482.0 Gulch brs. westerly.

562.96 Intersect N. end line Big Lode No.2 and S. end line Big Lode No.1 Uns., Arthur Noon, Claimant at N.82°41'40"W. 404.82 ft. from the N.E.

Feet.

MINERAL SURVEY NO. 4140

RUBY NO. 1 lode- Cont'd.

and S.E. cors. respectively and S.82°41'40"E.181.28 ft. from the N.W. and S.W. Cors. respectively.

614.8 To Cor. No.4., 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 4 R. No.1- 4140 with mnd of stone alongside.

The N.E. Cor. Big lode No.2 and S.E. Cor. Big lode No.1, Unsu^d brs. S.77°E.,435.6 ft.

The N.W. Cor. Big lode No.2 and the S.W. Cor. Big lode No.1, Unsu^d brs. S. 81°30'W., 158.64 ft.

No other bearings are available.

Thence S. 76°23'W.
Va. 14°45'E.

121.03 Intersect S.end line, Big Lode No.1 and N. end line Big lode No.2 Uns. at S.82°41'40" E.,139.66 ft. from S.W. and N.W. Cors., respectively, and N.82°41'40" W.,546.44 ft. from the S.E and N.E. cors.

170.55 Intersect W. side line Big lode No.2, Unsu^d, at N.27°45'E.,657.26 ft. from S.W. Cor. and S.27°45'W.,18.87 ft. from the N.W. Cor.

970.0 Road brs. southerly.

985.0 Gulch brs. southerly.

1500.00 To Cor. No.1, the place of beginning.

RUBY NO. 2 lode.

Beginning at Cor. No.1, identical with Loc^{ation} Monument and Cor. No.2

San Maguil lode of this Sur^{ey}, heretofore described, , whence the 1/4 Cor. bet^{ween} Secs. 5 and 8, T.23 S., R.11 E. brs. N.1°12'40" W., 1787.44 ft.

Thence N.76°23'E.,
Va. 14°45'E

100.00 Gulch brs. easterly.

311.4 To N. end center, identical with Loc^{ation} Monument.

A mesquite post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with mnd of stone 3 1/2 ft. base by 3 ft. high; scribed

N. Cr. R. No.2.

Feet.	MINERAL SURVEY NO. 4140
	RUBY NO. 2 lode - Cont'd.
350.00	To water line reservoir.
420.00	Leaves reservoir.
622.80	To Cor. No.2, identical with Loc. Mon. On line 2-3 San Maguil lode of this Sur. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2 R. No.2 -4140 with md. of stone alongside.
	No bearings are available.
	Thence S. 1°57'W. Va. 14°45'E.
1500.00	To Cor. No.3, identical with Loc. Mon. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground set 18 ins. in the ground, stamped 3 R. No.2 -4140, with md of stone alongside.
	No bearings are available.
	Thence S. 76°23'W. Va. 14°45'E.
175.00	Gulch brs. southeasterly.
311.40	To S. end center, identical with Loc. Mon. A mesquite post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. R. No.2.
622.8	To Cor. No.4, identical with Loc. Mon. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 4 R No.2 - 4140, with md. of stone alongside.
	No bearings are available.
	Thence N. 1°57'E. Va. 14°45'E.
790.00	Gulch brs. easterly.
980.00	Gulch brs. easterly.
1500.00	To Cor. No.1, the place of beginning.

MINERAL SURVEY NO. 4140

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.

SAN MAGUIL Lode.

700.00 ft. N.76°23'E., and 800.00 ft. S.76°23'W.

RUBY NO.1 lode.

350.00 ft. S.76°23'W., and 1150.00 ft. N.76°23'E.

RUBY NO. 2 lode.

75.00 ft. N. 1°57'E.; and 1425.00 ft. S. 1°57'W.

AREA.

	Acres.
Total area, San Maguil lode -----	20.189
Total area, Ruby No.1 lode -----	20.661
Area in conflict with;	
Big lode No.2, Uns. -----	6.335
Big lode No.1, Uns. -----	0.080
Total area, Ruby No.2 lode -----	20.650

LOCATION.

This survey is located in Sec.8, T.23 S.,R.11 E. G.& S.R. M. in Oro Blanco Mining District, Santa Cruz County, Ariz. 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:

SAN MAGUIL lode.

No.1, the discovery shaft, the center of which being the discovery point, on the center line, 700 ft. from the center of line 3-4. 4 x 6 ft. 20 ft. deep.

Value \$200.0

No.2 A tunnel, the mouth of which ^{ca}hrs. from Cor. No.4, S.54°20'W., 725.0 ft. 4 x 6 ft. running N.30°E/, 10 ft. to face.

Value \$100.0

No.3 A shaft, the center of which ^{ca}hrs. from Cor. 4, S.59°45'W., 600.0 ft. 4 x 6 ft. 8 ft. deep.(caved)

Value \$100.00

MINERAL SURVEY No.4140

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd.

No.4 A cut, the mouth of which ^{ca}b_{rs.} from Cor. No.4, S.64°50'W.,
620.0 ft. 4 1/2 ft. wide, 8 ft. face running north, 15 ft. to face.
Value \$100.00

No.5 A shaft, the center of which ^{ca}b_{rs.} from Cor. No.2, N.70°E.,
815.0 ft. 4 x 6 ft. 8 ft. deep.
Value \$100.0

No.6 A shaft, the center of which ^{ca}b_{rs.} from Cor. No.2, N.54°45'E.,
715.0 ft. 8 x 10 ft. 183 ft. deep. (timbered) .

At the 60.0 ft. level is a cross-cut 4 x 6 ft. running S. 9°W., 8 ft. to
Sta. 61., thence S.52°30'E., 36.0 ft. to face. From Sta. 61 is a
drift 4 x 6 ft. running N.52°30'W., 11.0 ft. to face.

At the 90 ft. level is a drift 4 x 6 ft. running S.63°30'E., 19.0 ft.
to face. From same point is a drift 4 x 6 ft. running N.69°W., 16.0 ft.
to Sta. 91, thence S.21°30'W., 9.0 ft. to face.

At the 183 ft. level is a drift 4 x 6 ft. running N.81°W., 70 ft. to
Sta.184, thence N.81°W., 32 ft. to face. From Sta.184 is a cross-cut
4 x 6 ft. running S.15°15'W., 25.0 ft. to face.

From Sta. 183 is a cross-cut 4 x 6 ft. running N.36°15'E., 31.0 ft.
to Sta. 185, thence N.41° E., 24.0 ft. to Sta.186, thence N.41°E.,
58.0 ft. to face. From Sta. 185 is a drift. 4 x 6 ft. running
S.57°30'E., 19 ft. to face. From Sta. 186 is a drift. 4 x 6 ft.
running S.86°30'E., 24.0 ft. to Sta. 187, thence N.56°E., 30.0 ft. to
face. From Sta. 187 is a cross-cut 4 x 6 ft. running N.20°E. 18 ft.
to face.

Total depth of Shaft, 183 ft. Total length of drifts and cross-cuts
430.0 ft.

Total value \$7950.00

Value \$2650

An undivided 1/3 interest is assigned to this claim.

This shaft is a practical and feasible main working shaft in the
course of construction for the development of the three claims of
this survey, consisting of San Maguil, Ruby No.1 and Ruby No.2 lodes
as by drifting and cross-cutting therefrom in different directions
towards and under the several mentioned claims, the entire group

MINERAL SURVEY NO. 4140

EXPENDITURE OF FIVE HUNDRED DOLLARS - Cont'd.

may be advantageously developed and ore extracted therefrom as all the discoveries are above the workings in this shaft.

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

An undivided 1/3 interest in this improvement value \$2650.0 is properly accredited to each of the above mentioned claims.

RUBY No.1 lode.

No.1 The discovery cut, the mouth of which being the discovery point, on the center line, 350 ft. from the center of line 1-2 4 1/2 ft. wide, 10 ft. face, running N.76°23'E. 20 ft. to face. from face is a tunnel 4 x 6 ft. running N.76°23'E., 20 ft. to face.

Value Cut and tunnel \$ 200.00

An undivided 1/3 interest in improvement No.6 San Maguil lode, heretofore described, credited to this lode.

Value \$2650.0

RUBY No.2 lode.

No.1 the Discovery cut, the mouth of which being the discovery point on the center line 75.0 ft. from the center of line 1-2, 4 1/2 ft. wide, 8 ft. face, running S. 2° W., 15 ft. to face.

Value \$100.00

No.2 A cut, the mouth of which brs. from Cor. No.2 S.29°15'W., 480.0 ft., 4 1/2 ft. wide, 8 ft. face, running S.70°E., 15 ft. to face.

Value \$100.00

No. 3 A cut, the mouth of which brs. from Cor. No.2 S.29°15'W., 500.0 ft., 4 1/2 ft. wide, 8 ft. face, running S.70°E., 15 ft. to face.

Value \$100.0

An undivided 1/3 interest in improvement No.6 San Maguil lode, heretofore described, credited to this lode.

Value \$2650.00

MINERAL SURVEY NO.4140

OTHER IMPROVEMENTS.

The S.W. Cor. iron clad pump house, brs. from Cor. No.2 San Maguil lode N.51°30'E., 580.0 ft. 8 x 10 ft. Course of long sides, N.15°E.

The S.W. Cor. Frame dwelling, brs. from Cor. NO.1 San Maguil lode N.86°50'E., 430.0 ft. 12 x 24 ft. Course of long sides N.43°E.

A concrete dam, the W. end of which brs. from Cor. No.2 San Maguil lode N.42°E., 470.0 ft. 20 ft. high; running S.72°E., 135.0 ft. to E. end.

A concrete dam, the W. end of which brs. from Cor. No.4 Ruby No.2 lode, N.21°E., 660.0 ft. , 20 ft. high, running S. 83°E., 125 ft. to E. end.

All the above belonging to claimant herein.

A shaft, the center of which brs. from Cor. No.4, Ruby No.1 lode S.11°30'E., 360.0 ft. 4 x 6 ft. 10 ft. deep.

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 1/4 Cor. Between Secs. 5 and 8, T.23S., R. 11 E. is an iron pipe 1 in. diam. capped with brass, stamped 1/4 S.5, S. 8.

ADJOINING CLAIMS.

On the North by San Jose lode, Uns. T.W. Taylor, Claimant. and Big Lode No.1, Uns. Arthur Noon, Claimant.

On the East by Big lode No.2, Uns. Arthur Noon, Claimant.

On the West by San Jose lode, Uns.

No other adjoining or conflicting claims known.

MINERAL SURVEY No. 4140

do not include in copy of notes

SOLAR OBSERVATION.

Taken Sunday October 26, 1930 at 2 P.M. Solar time

Sun bisected. - Lat. 31°27', Lon. 111°12'.

Difference in time 9 h 24m

$$\begin{aligned} \text{App't Decl} &= 12^\circ 17' 29.2'' \\ &\quad \quad \quad 8' 4.2'' \\ \text{Dec'l} &= \frac{12^\circ 25' 33.4''}{90^\circ} \quad \text{Sin } 1/2 A = \sqrt{\frac{\text{Sin } (S-L)(S-h)}{\text{Cos } L \text{ Cos } h}} \\ &\quad \quad \quad 102^\circ 25' 33'' = P \end{aligned}$$

$$\begin{aligned} L &= 31^\circ 27' \\ h &= 39^\circ 42' 51'' \quad \text{App't } h = 39^\circ 44' \\ P &= 102^\circ 25' 33'' \quad \text{Refrac} = \frac{1' 10''}{39^\circ 42' 50''} \\ 2) \quad 173 \quad 35 \quad 24 & \\ \quad \quad \quad 86 \quad 47 \quad 42'' &= S \end{aligned}$$

$$\begin{aligned} S-L &= 55^\circ 20' 42'' & 9.9151839 \\ S-h &= 47^\circ 04' 51'' & 9.8647000 \\ & & 0.0690022 \\ & & 0.1139355 \\ 2) \quad 19.9628216 & \\ \quad \quad \quad 9.9814108 &= 73^\circ 21' 20'' \\ \quad \quad \quad 146^\circ 42' 40'' & \end{aligned}$$

180° - 146°42'40" = S. 33°17'20"W = Bearing of Sun.
136°54'20" Ang. to left from sun.

180° - 103°37' = N. 76°23'E. bearing of line 1-4 San Maguil

Set up at Cor. No.1 San Maguil, F.S. to Cor. No. 4

The line of each location of this claim was run directly upon the ground and the corners were established by ranging around the claim. All the lines were run directly upon the ground. The Cor. No. 1 San Maguil is on iron pipe 1 1/2 in. dia. capped with brass, staked 1/4 in. dia.

ADJOINING CLAIMS.

On the north of San Jose Lode, Mrs. T. W. Taylor, Claimant, and the south of San Jose Lode, Mrs. T. W. Taylor, Claimant. On the east of San Jose Lode, Mrs. T. W. Taylor, Claimant. On the west of San Jose Lode, Mrs. T. W. Taylor, Claimant. No other adjoining or conflicting claims known.

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 PITCHER LEAD Company~~

known as the SAN MAGUIL, RUBY NO. 1 and RUBY NO. 2 lodes

and showing the respective capacities in which they acted.

F.T. Burgess, Chainman.

_____, Chainman.

_____, Axman.

_____, 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 Pitcher Lead Company~~

known as the SAN MAGUIL, RUBY NO. 1, and RUBY NO. 2 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 ^{my} knowledge and belief, faithfully

and correctly executed, and the corner and boundary monuments established according to law and the instruc-

tions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

F. J. Burgess, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman

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

day of November, 1930

[Signature]

Nolan 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, Ariz, 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-Piñon Lead Co., known as the SAN MAGUI, RUBY NO.1, and RUBY NO.2 lodes, situate in Oro Blanco Mining District, Santa Cruz County, Ariz., in Section 8, Township No. 23 S., Range No. 11 E., and designated as Survey No. 4140, 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 T.N. Stevens
U. S. Mineral Surveyor, before me O.T. Richy a
Notary Public this 24th
day of November, 1930

O.T. Richy
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 SAN MAGUIL, RUBY NO. 1, and RUBY NO. 2 lodes

situate in Oro Blanco

Mining District Santa Cruz County Arizona

in Section 8, Township No. 23 S., Range No. 11 E., and

designated as Survey No. 4140, 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 4 shafts, 5 cuts, 2 tunnels, and 430 ft. of drifts and crosscuts, total value \$9050.

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, 19 31

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

SAN MACUIL, RUBY NO. 1, and RUBY NO. 2 lodes

situate in Oro Blanco mining district,

Santa Cruz County, Arizona

in Section 8, Township No. 23 S., Range No. 11 E.

_____, designated as Survey No. 4140

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

Surveyor, October 24 - 26, 19 30 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.


Office Cadastral Engineer.