

4-683

MINERAL SURVEY No. 4024

ARIZONA. *Land District.*

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mary P O'Brien administratrix Estate of F.X.O'Brien deceased.

DELEWARE, JENNY LYN, GOLD POND, ^{KNOWN AS THE} LITTLE JOHNEY, GREY EAGLE, RED BIRD, ELIZABETH, S & J, SPRING CLAIM, JACK POT, HILL TOP, BLACK DIAMOND, MORNING STAR and RISING SUN lodes

BLACK ROCK *Mining District,*

YAVAPAI *County,* ARIZONA

~~SPROCK~~
Section 3-4-9-10, Township 8 N., Range 3 W unsurveyed.

Surveyed under instructions dated October 19., 19 26

by J. WILLIAM WAARA
U. S. Mineral Surveyor.

Claim located SEE LOCATION NOTICES., 19

Survey commenced Nov. 3, 19 26

Survey completed Nov. 23, 19 26

Address of claimant's Atty., Norris, Norris & Flynn, Prescott, Ariz.
Mary P O'Brien, administratrix
Wickenburg, Arizona.

DATES OF AMENDED LOCATIONS.

Feet	
	MINERAL SURVEY NO. 4024
	S & J Lode. Beginning at Cor. No.1, a granite stone 8x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S J 1 4024 with cross on top for exact corner point, whence,
	A granite rock in place 2x2x1 foot exposed and chiseled BxR S J 1 4024 brs. $N.85^{\circ}-13'-30''E.$ 9.1 ft.
	U.S.L.M.No. 1623 Black Rock Mining District, brs. $N.47^{\circ}-31'W.$ 4403.8 ft.
	Thence $N.60^{\circ}-54'E.$
306.7	NORTHWEST CENTER END, a mound of stone.
611.0	TO POINT FOR COR.NO.2, identical with point for Cor. No.1 Elizabeth lode of this survey, where it was impracticable to set a stone for corner due to point <u>falling in a water</u> <u>course</u> , so I established a witness corner $S.45^{\circ}-14'E.$ 3.5 feet, a granite boulder 2x1x2 ft. exposed with a substantial mound of stone alongside, chiseled W C S J 2, E 1 4024 with cross on top for exact corner point, From the true point for corner,
	A granite reef 6x6x4 feet exposed and chiseled BxR E 1 4024 brs. $S.29^{\circ}-41'E.$ 28.5 ft.
	Thence $S.45^{\circ}-14'E.$ (from true cor.pt.)
3.5	Witness corner to Cor. No.2 previously described.
1372.3	Cross Slim Jim Gulch, flows northeasterly.
1492.9	TO COR. NO.3, identical with Cor. No.4 Elizabeth lode of this survey, and situated on line 1-2 Gold Pod lode of this survey $N.60^{\circ}-54'E.$ 502.9 ft. from Cor. No.1, a granite stone 8x12 x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S J 3-E 4 4024, with cross on top for exact corner point, whence,
	A granite b oulder 2x1x1 foot exposed and chiseled BxR E 4 4024 brs. $S.21^{\circ}-50'W.$ 13.1 ft.
	Thence $S.60^{\circ}-54'W.$
200.40	Northwest Center End Gold Pod lode.
304.3	SOUTHEAST CENTER END, a mound of stone.

442.9 Cross Slim Jim Gulch, flows northerly.

501.7 Witness Corner to Cor. No.1 Gold Pod lode, hereafter described.

502.9 Point for Cor. No. 1 Gold Pod lode, situated on line 2-3 Jenny Lyn lode of this survey S.21°-51'E. 660.6 ft. from Cor. No.2.

611.8 TO COR. NO. 4, a granite stone 6x8x26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S J 4 4024 with cross on top for exact corner point, whence,

A granite boulder 1x2x1 foot exposed and chiseled BxR S J 4 4024, brs. S.89°-11'W. 1717 ft.

Cor. No. 2 Jenny Lyn lode brs. N. 12°-45'W.

682.9 ft.

Thence N.45°-12'W.

618.6 Intersect line 1-2 Jenny Lyn lode of this survey, S.51°-23'W. 358.9 ft. from Cor. No.2

1492.8 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

ELIZABETH Lode.

Beginning at point for corner No.1, identical with point for Cor. No. 2, S & J lode previously described, whence, witness cor. brs. S.45°-14'E. 3.5 ft.

U.S.L.M. No. 1623 brs. N. 54°-42'W. 4673.3 ft. from true Cor.

Thence N.60°-54'E. (from true cor. point.)

215.0 Cross Slim Jim Gulch, flows northwesterly.

306.7 NORTHWEST CENTER END, a mound of stone.

310.0 Cross Slim Jim Gulch, flows southwesterly.

580.0 Cross Slim Jim Gulch, flows northwesterly.

613.1 TO COR. NO.2, a granite stone, 6x8x26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled E 2 4024 with cross on top for exact corner point, whence,

A granite reef 20x6x6 ft. exposed and chiseled BxR E 2 4024 brs. N.31°-37'E. 23.9 ft.

Cor. No. 1 Rising Sun lode of this survey brs. S. 42°-53'E. 501.2 ft.

Thence S.45--10'E.

- 70.0 Cross Slim Jim Gulch, flows northwesterly.
- 370.0 Cross Slim Jim Gulch, flows northerly.
- 506.2 Intersect line 1-2 Rising Sun lode of this survey, N.59°-54'E. 20.7 ft. from the true point for Cor. No.1.
- 1492.3 TO COR. NO. 3, identical with Cor. No.5 Rising Sun lode of this survey, situated on line 1-2 Red Bird lode of this survey N.60 -54'E. 509.1 ft from Cor. No.1, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled E 3 R S 5 4024 with cross on top for exact corner point,whence, a granite rock in place 2x1x2 ft exposed and chiseled BxR E 3 4024 brs. S.19°-30'W. 20.2 ft.

Cor. No.4 Spring Claim of this survey brs. S.7°-48'W. 313.5 ft.

Thence S.60°-54'W.

- 207.1 Northwest center end Red Bird lode of this survey.
- 304.5 SOUTHEAST CENTER END, a mound of stone.
- 509.1 Cor. No.1 Red Bird lode identical with Cor. No.2 Gold Pod lode, both of this survey.
- 611.2 TO COR. NO.4 , identical with Cor. No.3 S & J lode previously described:

Thence N.45°-14'W.

- 120.0 Cross Slim Jim Gulch, flows northeasterly.
- 1489.4 Witness Cor. To cor No.1, identical with ^{W.C. to} Cor. No.2 S & J lode of this survey , previously described.
- 1492.9 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

RISING SUN Lode.

Beginning at the point for Cor.No.1 where it was impracticable to set a stone for corner due to point falling on edge of water course, / so I established a witness corner N.59°-54'E. 5.1 ft, a diorite stone 8x8x26 inches long set twelve inches in the ground with a sub-

stantial mound of stone alongside; chiseled W.C.R S 1 -
4024 with cross on top for exact corner point.

No bearings available.

U.S.L.M.No. 1623 brs. N.59°-29'W. 5407.5 ft.
from the true corner point.

Thence N. 59°-54'E.(from true cor.)

5.1 Witness Cor. to Cor. No.1, previously described.

20.7 Intersect line 2-3 Elizabeth lode, N.45°-10'W. 986.1 ft.
from Cor. No.3.

290.0 Cross small gulch, flows northwesterly.

310.0 NORTHWEST CENTER END, a mound of stone.

619.8 TO COR. NO. 2, a granite stone 8x10x24 inches long set
twelve inches in the ground with a substantial mound of
stone alongside; chiseled R S 2 4024 with cross on top
for exact corner point, whence,

A diorite rock in place 1x2x2 ft. exposed and
chiseled BxR R S 2 4024 brs. N.38°-37'W.21.3 ft.

Cor. No. 4 Jack Pot lode of this survey brs.
S.40°-38'E. 551.8 ft.

Thence S.45°-13'E.

550.9 Intersect line 4-5 Jack Pot lode of this survey, N.45°-52'
E. 44.1 ft. from Cor. No.4.

885.9 Cross small gulch, flows northwesterly.

1498.8 TO COR.NO.3, identical with Cor.Nos. 3 Jack Pot lode and
4 Morning Star lode, both of this survey, a granite
boulder 1x1x1 foot exposed with a substantial mound of
stone alongside; chiseled R S 3, 4024, M S 4, J P 3 with
cross on top for exact corner point.

No bearings available.

Thence S.59°-54'W.

309.8 SOUTHEAST CENTER END, IDENTICAL WITH Northwest Center end
Morning Star lode of this survey, a mound of stone.

313.0 Intersect line 5-1 Spring Claim lode, ^{this survey,} S.33°-33'E. 248.1 ft.
from Cor. No.5.

602.2 Witness Corner To cor.No.4 identical with Cor. No.3
Morning Star lode of this survey, hereafter described.

619.8 TO THE POINT FOR COR. NO.4 identical with point for Cor. No.3 Morning Star lode of this survey, where it was impracticable to set a stone for corner due to ^{brs. west} water course, so I established a witness Cor. N.59--54'E. 17.6 ft. a quartzite stone 8x8x26 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled W C R S 4, M S 3 4024 with cross on top for exact corner point.

No bearings available.

Cor. No. 5 Spring Claim lode of this survey brs. N. 19°-35'-30" E. 382.8 ft. from the true point for corner.

Thence N.43-04'-30"W. (from true cor.)

252.0 Intersect line 2-3 Red Bird lode of this survey, S.21°-38' E. 250.4 ft from Cor. No.2 and 1.9 ft from its intersection with line 4-5 Spring Claim lode of this survey.

253.93 Intersect line 4-5 Spring Claim lode of this survey, S.59°-52'W. 348.91 ft. from Cor. No.5 and 0.71 ft from its intersection with line 2-3 Red Bird lode of this survey.

295.0 Cross small gulch flows northeasterly.

507.9 TO COR NO. 5 identical with Cor. No. 3 Elizabeth lode of this survey, previously described, and situated on line 1-2 Red Bird lode of this survey, S.60°-54'W. 94.3 ft from Cor. No. 2.

Thence N.46°-19'W.

991.7 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

JACK POT Lode.

Beginning at Cor. No.1, identical with Cor. No.2 Hill Top lode of this survey, a granite rock 6x12x24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled H T 2-J P 1 4024 with cross on top for exact corner point, whence,

A granite reef 6x8x6 ft exposed and chiseled BxR J P 1 4024 brs. N.23°-45'E. 33.8 ft.

U.S.L.M.No. 1385 Black Rock Mining District, brs. N.65°-03'-30"E. 4639.3 ft.

Thence S.45°-52'W.

- 110.0 Cross small gulch, flows northwesterly.
 300.0 SOUTHEAST CENTER END, a mound of stone.
 544.0 Intersect line 4-1 Morning Star lode of this survey, S.49°-53'E. 552.7 ft. from Cor. No.4.
 599.7 TO COR. NO. 2, a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled J P 2 4024 with cross on top for exact corner point, whence,

A granite rock in place 1x2x2 ft exposed and chiseled BxR J P 2 4024 brs. S.37°-42'W. 54.7 ft.

Thence N.44°-06'W.

- 549.9 TO COR NO. 3 identical with Cor. Nos. 3 Rising Sun lode and 4 Morning Star lode, both of this survey, previously described.

Thence N. 47°-53'W.

- 605.0 Cross small gulch, flows southwesterly.
 949.8 TO COR. No. 4, a granite stone 8x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled J P 4 4024 with cross on top for exact corner point.

No bearings available.

Thence N.45°-52'E.

- 44.1 Intersect line 2-3 Rising Sun lode of this survey N.45°-13'W. 947.9 ft from Cor. No. 3.
 299.8 NORTHWEST CENTER END, mound of stone.
 599.8 TO COR. NO. 5 identical with Cor. No. 3 Hill Top lode of this survey, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled H T 3-J P 5 4024 with cross on top for exact corner point.

No bearings available.

Thence S. 46°-30'E.

- 1499.1 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

- HILL TOP Lode. Beginning at Cor. No.1; a granite stone
 8x8x24 inches long set twelve inches in the ground with a
 substantial mound of stone alongside, chiseled H T 1 4024
 with cross on top for exact corner point, whence,
 U.S.L.M.No. 1385 hrs. N.66°-58'E. 4238.4 ft.
 No other bearings available.
 Thence S.45°-52'W.
- 300.0 SOUTHEAST CENTER END, A mound of stone.
- 426.7 TO COR.NO:2 identical with Cor. No. 1 Jack Pot lode of
 this survey, previously described.
 Thence N.46°-30'W.
- 1499.1 TO COR. NO. 3 identical with Cor. No. 5 Jack Pot lode of
 this survey, previously described.
 Thence N.45°-52'E.
- 127.7 NORTHWEST CENTER END, A MOUND OF STONE.
- 427.7 TO COR. NO. 4, a granite stone 8x12x24 inches long set
 twelve inches in the ground with a substantial mound of
 stone alongside; chiseled H T 4 4024 with cross on top
 for exact corner point, whence,
 A granite rock in place 3x2x1 foot exposed and
 chiseled BxR H T 4 4024 hrs. N.61°-15'E. 23.9 ft.
 Thence S.45°-28'E.
- 1499.1 TO THE PLACE OF BEGINNING. All corners are identical with
 their respective locations. Variation at all corners 14°-
 30'E.
- JENNY LYN Lode. Beginning at Cor. No.1 a quartzite stone.
 6x8x24 inches long set twelve inches in the ground with
 a substantial mound of stone alongside; chiseled J L 1 -
 4024 with cross on top for exact corner point, whence,
 U.S.L.M. No. 1623 hrs. N.44°-24'W. 5246.3 ft.
 No other bearings available.
 Thence N. 51°-23'E.
- 253.4 Intersect line 4-1 S & J lode of this survey, N.45°-12'W.
 618.6 ft from Cor. No.4.
- 311.2 NORTHWEST CENTER END, A mound of stone.

- 622.3 TO COR NO. 2, a granite stone 8x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled J L 2 4024 with cross on top for exact corner point, whence,
 A granite reef 6x6x4 ft exposed and chiseled BxR J L 2 4024 hrs. N.4°-16'E. 59.8 ft.
 Thence S.21°-51'E.
- 660.6 Point for Cor.No.1 Gold Pod lode, situated on line 3-4 S & J lode of this survey, N.60°-54'E. 108.9 ft. from Cor. No.4
- 817.0 Cross small gulch, flows northeasterly.
- 1477.0 Cross small gulch, flows northeasterly.
- 1497.0 TO COR.NO.3 identical with Cor. No. 5 Gold Pod lode of this survey, situated on line 1-2 Little Johnny lode of this survey S.51°-23'W. 72.9 ft from Cor. No. 2, a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled J L 3-G P 5 4#24 with cross on top for exact corner point.
 No bearings available.
 Thence S.51°-23'W.
- 70.0 Cross small gulch, flows northeasterly.
- 231.2 Northwest center end Little Johnny lode of this survey.
- 311.1 SOUTHEAST CENTER END, a mound of stone.
- 537.2 Cor. No. 1 Little Johnny lode identical with Cor. No.2 Delaware lode both of this survey, hereafter described.
- 618.2 Witness corner to Cor. No. 4, hereafter described.
- 622.3 TO POINT FOR COR. NO.4 situated on line 1-2 Delaware lode of this survey S.51°-23'W. 85.1 ft from Cor. No.2, where it was impracticable to set a stone for corner due to point falling in water course, so I established a witness corner N.51°-23'E. 4.1 ft. a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled W C J L 4 4024 with cross on top for exact corner point.
 No bearings available.
 Cor. No. 1 Mountain Chief lode Sur.No. 1536 hrs. N.11°-51'W. 408.3 ft.

Thence N.21°-51'W.

357.2 Intersect line 1-2 Mountain Chief lode Sur. No. 1536,
S.35°-48'W. 83.9 ft from Cor. No. 1

514.9 Intersect line 4-1 Mountain Chief Lode Sur. No. 1536,
N.54°-00'W. 133.2 ft from Cor. No.1

650.0 Cross small gulch flows northeasterly.

1497.0 TO THE PLACE OF BEGINNING. All corners are identical with
their respective locations. Variation at all corners 14 -
30'E.

GOLD FOD Lode.

Beginning at the point for Cor. No.1, situated
on line 2-3 Jenny Lyn lode of this survey, N.21°-51'W.
836.4 ft from Cor. No.3, and on line 4-3 S & J lode, S.
60°-54'W. 502.9 ft from Cor. No.3, where it was impracticable
to set a stone for corner due to cliff formation, so I
established a witness corner N.60°-54'E. 1.2 ft. a granite
rock in place 2x6x2 ft exposed with a substantial mound
of stone alongside; chiseled W C G P 1 4024 with cross on
top for exact corner point, whence, (from witness corner)

A granite reef 6x10x10 feet exposed and chiseled
BxR G P 1 4024 brs. S.19°-24'E. 5.6 ft.
From the true point for corner;

U.S.L.M.No. 1623 brs. N.47°-56'W. 5929.9 ft

Thence N.60°-54'E. (from true cor.pt.)

1.2 Witness corner to Cor. No.1 previously described.

60.0 Cross Slim Jim Gulch, flows northerly.

198.6 Southeast center end, S & J Lode.

302.5 NORTHWEST CENTER END, a mound of stone.

502.9 Cor. Nos.3 and 4 S&J and Elizabeth lodes respectively,
of this survey previously described.

605.0 TO COR. NO.2-identical with Cor. No. 1 Red Bird lode of this
survey, and situated on line 3-4 Elizabeth lode of this
survey, N.60°-54'E. 102.1 ft. from Cor. No.4, a granite
stone 6x8x26 inches long set twelve inches in the ground
with a substantial mound of stone alongside; chiseled
G P 2-R B 1 4024 with cross on top for exact corner point,

No bearings available.

Thence S. 21°-37'E.

1448.3 TO COR. NO.3 identical with Cor. No. 4 Red Bird lode of this survey, and situated on line 3-4 Grey Eagle lode of this survey, N.60°-54'E. 362.9 ft. from Cor. No.3, a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled G.P 3-R B 4 4024 with cross on top for exact corner point.

No bearings available.

Thence S.60°-54'W.

20.0 Cross small gulch, flows northwesterly.

54.9 Northwest center end Grey Eagle lode of this survey.

208.6 Intersect line 2-3 Little Johney lode of this survey, S.50°-26'E. 663.5 ft from Cor. No.2

302.5 SOUTHEAST CENTER END, a mound of stone.

313.0 Cross Slim Jim Gulch, flows northerly.

362.9 Cor. No. 3 Grey Eagle lode of this survey, hereafter described.

604.1 TO COR. NO.4, a granite stone 8x12x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G P 4 4024 with cross on top for exact corner point, whence,

Cor. No. 2 Little Johney lode of this survey brs. N. 15°-06'W. 637.0 ft.

No other bearings available.

Thence N.21°-22'W.

611.8 TO COR. NO.5 identical with Cor. No. 3 Jenny Lyn lode of this survey, previously described, situated on line 1-2 Little Johney lode of this survey, S.51°-23'W. 72.9 ft from Cor. No.2.

Thence N.21°-51'W.

20.0 Cross small gulch, flows northeasterly.

680.0 Cross small gulch, flows northeasterly.

836.4 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

- RED BIRD lode.
Beginning at Cor. No.1 identical with Cor. No. 2 Gold Pod lode of this survey previously described and situated on line 3-4 Elizabeth lode of this survey S.60°-54'W. 509.1 ft from Cor. No.3.whence,
U.S.L.M.No. 1623 brs. N.53°-16'-30"W. 6151.8 ft.
Thence N.60°-54'E.
- 204.6 Southeast center end, Elizabeth lode, of this survey.
- 302.0 NORTHWEST CENTER END, a mound of stone.
- 509.1 Cor. No. 3 Elizabeth lode, identical with Cor. No. 5 Rising Sun lode both of this survey.
- 603.4 TO COR. NO. 2, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled R B 2 4024 with cross on top for exact corner point, whence,
A granite boulder 4x3x2 feet exposed and chiseled BxR R B 2 4024 brs. S,25°-55'E. 39.9 ft.
Cor. No. 4 Spring Claim of this survey brs. S. 19°-19'W. 377.6 ft.
Thence S. 21--38'E.
- 210.0 Cross small gulch, flows northeasterly.
- 248.5 Intersect line 4-5 Spring Claim of this survey N.59°-54'E. 250.30 ft from Cor.No.4 and 0.71 ft from its intersection with line 4-5 Rising Sun lode of this survey.
- 250.4 Intersect line 4-5 Rising Sun lode of this survey, S.43°-04'-30"E. 255.9 ft. from Cor. No. 5. and 1.93 ft. from its intersection with line 4-5 Spring Claim lode of this survey.
- 515.0 Cross small gulch, flows northwesterly.
- 1448.3 TO COR. NO.3 identical with Cor. No. 3 Spring Claim lode of this survey and situated on line 3-4 Black Diamond lode of this survey, N.60°-54'E. 357.3 ft. from Cor. No. 3, a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled R.B 3-S C 3 4024 with cross on top for exact corner point, whence,
A granite rock in place 2x2x1.5 ft exposed and

chiseled BxR R B 3 4024 brs. N.30°-10'E. 40.0 ft.

Thence S.60°-54'W.

47.3 Northwest center end Black Diamond lode of this survey.

302.0 SOUTHEAST CENTER END, a mound of stone.

357.3 Cor. No. 3 Black Diamond lode, identical with Cor. No. 4 Grey Eagle lode both of this survey, hereafter described.

604.0 TO COR. NO. 4 identical with Cor. No. 3 Gold Rod lode, previously described.

Thence N.21°-37'W.

1448.3 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

SPRING CLAIM Lode.

Beginning at Cor. No. 1, a granite stone 6x4x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled SC1 4024 with cross on top for exact corner point, whence,

A granite boulder 6x4x3 ft. exposed and chiseled BxR S C 1 4024 brs. S.80°-02'E. 17.0 ft.

U.S.L.M. No. 1385 brs. N.55°-21'E. 5590.3 ft.

Thence S.59°-52'W.

270.6 Intersect line 4-1 Black Diamond lode of this survey, S.45°-31'E. 215.4 ft. from Cor. No. 4.

300.0 SOUTHEAST CENTER END, a mound of stone.

550.0 Cross small gulch, flows northwesterly.

599.8 TO COR. NO. 2, a granite rock in place 6x24x6 inches exposed with a substantial mound of stone alongside; chiseled S C 2 4024 with cross on top for exact corner point. whence, Cor. No. 4 Black Diamond lode, ^{this survey,} brs. N.8°-47'E. 390.9 ft.

No other bearings available.

Thence N.32°-56'W.

40.0 Cross small gulch, flows northwesterly.

309.2 TO COR. NO. 3, identical with Cor. No. 3 Red Bird lode of this survey, previously described, situated on line 3-4 Black Diamond lode of this survey, S.60°-54'W. 260.7 ft.

from Cor. No.4.

Thence N. 73°-39'W.

1185.0 Witness corner to Cor. No. 4. hereafter described.

1189.1 TO POINT FOR COR. NO.4, where it was impracticable to set a stone for corner due to bedrock, so I established a witness corner S. 33°-39'E. 4.1 ft. a granite stone 6x12x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled W C S C 4 4024 with cross on top for exact corner point.

No bearings available.

Thence N. 59°-52'E. (from true cor. Pt.)

180.0 Cross small gulch, flows northerly.

249.59 Intersect line 4-5 Rising Sun lode of this survey N. 43°-04'-30"W. 253.97 ft from Cor. No. 4 and 1.93 ft from its intersection with line 2-3 Red Bird lode of this survey.

250.30 Intersect line 2-3 Red Bird lode of this survey, N. 21°-38'W. 1199.8 ft. from Cor. No. 3, and 1.9 ft from its intersection with line 4-5 Rising Sun lode of this survey.

298.5 NORTHWEST CENTER END, A mound of stone.

598.5 TO COR. NO. 5, a granite stone 8x12x27 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S C 5 4024 with cross on top for exact corner point.

No bearing available.

Thence S. 33°-33'E.

248.1 Intersect line 3-4 Rising Sun lode identical with line 3-4 Morning Star lode both of this survey, N. 59°-54'E. 306.8 feet from Cor Nos. 4 and 3 respectively.

1274.6 Intersect line 2-3 Morning Star lode of this survey, S. 49°-53'E. 1088.9 ft from Cor. No. 3.

1498.3 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

MORNING STAR Lode.

Beginning at Cor. No. 1, a diorite stone. 10x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled M S 1 4024

with cross on top for exact corner point, whence,

U.S.L.M.No. 1385 brs. N. $52^{\circ}-45'$ E 4865.4 ft.

A diorite boulder 3x2x1 foot exposed and chiseled BxR M S 1 4024 brs. S. $49^{\circ}-58'$ E. 14.7 ft.

Thence S. $59^{\circ}-54'$ W.

309.8 SOUTHEAST CENTER END, a mound of stone.

619.8 TO COR. NO.2, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled M S 2 4024 with cross on top for exact corner point, whence,

A granite rock in place 1x1x1 foot exposed and chiseled BxR M S 2 4024 brs. S. $87^{\circ}-22'$ E. 25.5 ft.

Thence N. $49^{\circ}-53'$ W.

410.4 Intersect line 5-1 Spring Claim lode of this survey, S. $33^{\circ}-33'$ E. 1274.6 ft from Cor. No.5 (~~and 1026.5 ft from its intersection with line 3-4 Morning Star lode identical with line 3-4 Rising Sun lode.~~)

1499.3 TO THE POINT FOR COR.NO.3 identical with point for Cor.No. 4 Rising Sun lode of this survey, ^{W.C.} previously described, ~~which~~ brs. N. $59^{\circ}-54'$ E. 217.66 ft.
Thence N. $59^{\circ}-54'$ E.

17.6 Witness Corner to Cor.No.3 identical with Cor.No.4 Rising Sun lode of this survey, previously described.

306.8 Intersect line 5-1 Spring Claim lode of this survey, S. $33^{\circ}-33'$ E. 1248.1 ft from Cor. No.5 (~~and 1026.5 ft from its intersection with line 3-3 of this lode.~~)

310.0 NORTHWEST CENTER END, A mound of stone.

619.8 TO COR. NO.4 identical with Cor.Nos. 3 Rising Sun lode and 3 Jack Pot lode respectively, of this survey, previously described. Cor. No.2 said Jack Pot lode brs. S. $44^{\circ}-06'$ E. 549.9 feet.

Thence S. $49^{\circ}-53'$ E.

552.7 Intersect line 1-2 Jack Pot lode of this survey N. $45^{\circ}-52'$ E. 55.7 ft. from Cor. No.2

1499.3 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners $14^{\circ}-30'$ E.

DELEWARE Lode.

Beginning at the ~~the~~ point for Cor. No. 1 where it was impracticable to set a stone for corner due to bedrock and water ^{brs north} course, so I established a witness corner S. 50°-25'E. 5.7 ft. a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled W C D 1 4024 with cross on top for exact corner point. From the true corner, point; U.S.L.M.No. 1623 brs. N. 35°-36'-30"W. 6662.3 ft.

A granite boulder 4x6x2 feet exposed and chiseled BxR D 1 4024 brs. N. 87°-10'E. 7.2 ft.

Thence N: 51°-23'-00"E.

306.2 NORTH CENTER END, a mound of stone.

445.7 Point for Cor. No. 4 Jenny Lyn lode, ^{this survey,} previously described.

449.8 Witness corner to Cor. No. 4 Jenny Lyn lode. previously described.

530.8 TO COR. NO. 2 identical with Cor. No. 1 Little Johney lode of this survey, situated on line 3-4 Jenny Lyn lode of this survey N. 51°-23'E. 85.1 ft from Cor. No. 4, a granite stone 6x6x26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled D2 L J 1 4024 with cross on top for exact corner point.

No bearings available.

Thence S. 50°-34'E.

40.0 Cross small gulch, flows northeasterly.

160.0 Cross small gulch, flows northeasterly.

1331.2 Cross Slim Jim Gulch, flows northerly.

1498.2 Intersect line 1-4 Great Scott lode Sur. No. 1530, N. 50°-39'E. 229.7 ft from Cor. No. 4.

1501.2 TO COR. NO. 3 identical with Cor. No. 4 Little Johney lode of this survey, a granite stone 8x12x26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled D 3-L J 4 4024 with cross on top for exact corner point, whence,

A granite boulder 3x2x3 ft exposed and chiseled BxR D 3 4024 brs. S. 28°-07'W. 27.9 ft.

Thence S.51°-23'W.

150.0 Cross Slim Jim Gulch, flows northerly.

229.7 Cor.No. 4 Great Scott lode identical with Cor. No. 1
Azurite Copper lode both Sur. No, 1530.

230.3 SOUTHEAST CENTER END, a mound of stone.

534.7 TO COR.NO.4 situated on line 1-4 Azurite Copper lode Sur.
No. 1530, S.51°-23'W. 305.0 ft from Cor. No.1, a granite
stone 6x8x24 inches long set twelve inches in the ground
with a substantial mound of stone alongside; chiseled
D 4 4024 with cross on top for exact corner point,whence,

A granite boulder 2x2x2 ft exposed and chiseled
BxR D 4 4024, brs. N.39°-02'E. 53.1 ft.

Thence N.50°-25'W.

1494.7 Witness Corner to Cor. No.1 previously described.

1500.4 TO THE PLACE OF BEGINNING. All corners are identical with
their respective locations. Variation at all corners 14°-
30'E.

LITTLE JOHNEY Lode.

Beginning at Cor. No.1, identical with
Cor. No. 2 Delaware lode of this survey, situated on line
3-4 Jenny Lyn lode of this survey, S.51°-23'W. 537.2 ft.
from Cor. No.3, previously described, whence,

U.S.L.M.No. 1623 brs. N.40°-13'W. 6654.8 ft.

Thence N.51°-23'E.

226.1 Southeast center end, Jenny Lyn lode of this survey.

306.0 NORTHWEST CENTER END, a mound of stone.

467.2 Cross small gulch, flows northeasterly.

537.2 Cor. No. 3 Jenny Lyn lode, identical with Cor. No. 5 Gold
Pod lode both of this survey, previously described, situated
N.21°-22'W. 611.8 ft. from Cor. No. 4 Gold Pod lode.

610.1 TO COR. NO. 2, a granite stone 6x14x24 inches long set
twelve inches in the ground with a substantial mound of
stone alongside; chiseled L J 2 4024 with cross on top for
exact corner point, whence,

A granite boulder 2x4x2 ft exposed and chiseled
BxR L J 2 4024 brs. N.74°-48'E. 48.2 ft.

Thence S.50°-26'E.

- 400.0 Cross Slim Jim Gulch, flows northerly.
- 510.0 Cross small gulch, flows northwesterly.
- 663.5 Intersect line 3-4 Gold Pod lode, identical with line
3-4 Grey Eagle lode, both of this survey, N.60°-54'E.
395.5 and 154.3 feet from Cor.Nos. 4 and 3 respectively.
- 1500.4 TO COR. NO. 3, a granite stone 6x10x28 inches long set
twelve inches in the ground with a substantial mound of
stone alongside, chiseled I J 3 4024 with cross on top
forexact corner point, whence,
Cor. No.3 Grey Eagle lode of this survey brs.
N.59°-34'-30"W. 904.5 ft.
Thence S.51°-23'W.
- 223.8 Intersect line 2-3 Grey Eagle lode this survey, S.45°-
21'E. 850.5 feet from Cor. No.3.
- 253.1 Intersect line 1-2 Great Scott lode Sur.No. 1530, S.39°-
00'E. 7.5 ft from Cor. No. 1.
- 306.4 SOUTHEAST CENTER END, a mound of stone.
- 600.0 Cross small gulch, flows northwesterly.
- 606.5 TO COR. NO. 4 identical with Cor. No. 3 Delaware lode
of this survey, previously described.
Thence N. 50°-34'W.
- 3.0 Intersect line 1-4 Great Scott lode Sur.No. 1530, S.50°-
39'W. 354.0 feet from Cor. No.1
- 170.0 Cross Slim Jim Gulch, flows northerly.
- 1341.2 Cross small gulch, flows northeasterly.
- 1461.2 Cross small gulch, flows northeasterly.
- 1501.2 TO THE PLACE OF BEGINNING. All corners are identical with
their respective locations. Variation at all corners 14°-
30'E.
- GREY EAGLE LODGE.
Beginning at Cor. No.1, identical with
Cor. No. 2 Black Diamond lode of this survey, a granite
stone 6x8x24 inches long set twelve inches in the ground
with a substantial mound of stone alongside; chiseled
B D 2-3 E 1 4024 with cross on top for exact corner point,
whence,
A granite rock in place 2x3x2^{ft} exposed and
(17)

- chiseled BxR B D 2 4024 brs. S.50°-48'W. 12.0 ft.
 U.S.L.M.No. 1385 brs. N. 45°-32'-30"E. 6342.5 ft.
 Thence S.60°-54'W.
- 208.8 Cor. No. 3 Gray Dick lode Sur.No. 1530., situated on line
 1-2 Cuprite lode Sur.No. 1530, S.40°-00'E. 135.2 ft. from
 Cor. No. 1.
- 270.0 Cross small gulch, flows northwesterly.
- 308.2 SOUTHEAST CENTER END, a mound of stone.
- 616.2 TO COR. NO.2, a granite stone 6x8x24 inches long set
 twelve inches in the ground with a substantial mound of
 stone alongside; chiseled G E 2 4024 with cross on top
 for exact corner point, whence,
 Cor. No. 1 Cuprite lode Sur. No. 1530 brs.
 N. 41°-44'E. 404.2 ft.
 Thence N.45°-21'W.
- 65.4 Intersect line 5-1 Cuprite lode Sur.No.1530, S.50°-59'W.
 406.2 feet from Cor. No.1
- 300.0 Cross small gulch, flows northwesterly.
- 647.8 Intersect line 2-4 Little Johnny lode of this survey,
 S.51°-23'W. 223.8 ft. from Cor. No. 3.
- 1300.0 Cross Slim Jim Gulch, flows northerly.
- 1498.3 TO COR. NO. 3, situated on line 3-4 Gold Pod lode of this
 survey N.60°-54'E. 241.2 ft. from Cor. No. 4, a granite
 stone 6x12x28 inches long set twelve inches in the ground
 with a substantial mound of stone alongside; chiseled
 G E 3 4024 with cross on top for exact corner point, whence,
 A granite boulder 4x6x4 ft exposed and chisled
 BxR G E 3 4024 brs. S.89°-15'W. 13.8 ft.
 Thence N.60°-54'E.
- 49.9 Cross Slim Jim Gulch, flows northerly.
- 60.4 Southeast center end Gold Pod lode of this survey.
- 154.3 Intersect line 2-3 Little Johnny lode of this survey,
 N. 50°-26'W. 836.9 ft. from Cor. No.3.
- 308.0 NORTHWEST CENTER END, a mound of stone.
- 342.9 Cross small gulch, flows northwesterly.
- 362.9 Cor. No. 3 Gold Pod lode identical with Cor. No.4 Red
 Bird lode both of this survey.
- 609.6 TO COR. NO.4 identical with with Cor. No. 3 Black Diamond

lode of this survey, situated on line 3-4 Red Bird lode of this survey, N.60°-54'E. 246.7 ft from Cor. No. 4. a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G E 4 B D 3 4024 with cross on top for exact corner point, whence,

A granite rock in place 4x1x1 foot exposed and chiseled BxR B D 3 4024 hrs. S.15--58'E. 1.3 ft.

Thence S. 45°-35'-30"E.

130.0 Cross small gulch, flows northwesterly.

1493.4 Intersect line 3-4 Gray Dick lode Sur.No. 1530, N.59°-05'E. 207.0 ft from Cor. No.3.

1500.2 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-30'E.

BLACK DIAMOND Lode.

Beginning at Cor. No.1 a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B D 1 4024 with cross on top for exact corner point, whence,

U.S.L.M.No.1385 hrs. N. 43°-55'E. 5750.8 ft.

A granite boulder 1x1x0.3 ft exposed and chiseled BxR B D 1 4204 hrs. N.41°-18'W. 22.7 ft.

Thence.S.60°-54'w/

308.0 SOUTHEAST CENTER END, a mound of stone.

615.8 TO COR. NO.2, identical with Cor. No. 1 Grey Eagle lode of this survey, previously described.

Thence N. 45 -35'-30"W.

6.8 Intersect line 3-4 Gray Dick lode Sur. No. 1530, N.59°-05'E. 207.0 ft. from Cor. No. 3,

1370.2 Cross small gulch, flows northwesterly.

1500.2 TO COR. NO. 3 identical with Cor. No. 4 Grey Eagle lode of this survey, situated on line 3-4, Red Bird lode of this survey, S.60°-54'W. 357.3 ft from Cor. No.3, previously described.

Thence N.60°-54'E.

- 55.3 Southeast center end Red Bird lode of this survey.
- 310.0' NORTHWEST CENTER END, a mound of stone.
- 357.3 Cor.No. 3 Red Bird lode identical with Cor. No.3 Spring
Claim lode both of this survey, previously described.
N.32°-58'W. 309.2 ft. from Cor.No.2 Spring Claim lode
- 618.0' TO COR. NO.4, a granite stone 6x8x26 inches long set
twelve inches in the ground with a substantial mound of
stone alongside; chiseled B D 4 4024 with cross on top
for exact corner point, whence,
A granite reef 6x10x2 feet exposed and chiseled
BxR B D 4 4024 brs. N.80°-01'E. 13.3 ft.
Thence S.45°-31'E.
- 315.4 Intersect line 1-2 Spring Claim lode of this survey,
N.59°-52'E. 329.2 ft from Cor. No.2.
- 470.0 Cross small gulch, flows northwesterly.
- 1472.4 Intersect line 3-4 Gray Dick lode Sur..No. 1530, N.59°-
05'E. 817.4 feet from Cor. No.3
- 1499.4 TO THE PLACE OF BEGINNING. All corners are identical with
their respective locations. Variation at all corners 14°-
30'E.

LODE LINES.

As near as can be determined from the present
developments, the veins on the respective lodes extend
as follows, from their discoveries.;

S & J Lode.

N.45°-14'W. 370.1 and S.45°-14'E 1122.8 ft.

ELIZABETH Lode

N.45°-14'W. 650.0 ft and S.45°-14'E. 842.9 ft.

RISING SUN Lode

N.45°-13'W. 730 ft and S.45°-13'E. 768.8 ft.

JACK POT Lode

N. 46°-30'W. 1444.1 ft and S.46°-30'E. 55.0 ft.

HILL TOP Lode

N.46°-28'W. 1049.1 ft and S.46°-28'E. 450.0 ft.

JENNY LYN Lode

N.21°-51'W. 1027.0 ft and S.21°-51'E. 470.0 ft.

GOLD POD Lode

N.21°-37'W. 500.0 ft and S.21°-37'E. 948.3 ft.

RED BIRD Lode

N.21°-37'W. 370.0 ft and S.21°-37'E. 1078.3 ft.

SPRING CLAIM lode

N.33°-33'W. 460.0 ft and S.33°-33'E. 1038.3 ft.

MORNING STAR Lode

N.49°-53'W. 1399.3 ft and S.49°-53'E. 100.0 ft.

DELEWARE Lode

N.50°-21'W. 1239.8 ft. and S.50°-21'E. 260.0 ft.

LITTLE JOHNEY Lode

N.50°-21'W. 1179.8 ft and S.50°-21'E. 320.0 ft.

GREY EAGLE Lode

N.45°-21'W. 853.3 ft and S.45°-21'E. 645.0 ft.

BLACK DIAMOND Lode

N.45°-31'W. 879.4 ft and S.45°-31'E. 620.0 ft.

AREAS

S. & J Lode

Total area	-----	Acres	Acres
			20.128
Area in conflict with			
Jenny Lyn lode of this survey	3.421		

ELIZABETH Lode

Total area	-----		20.153
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RISING SUN Lode

Total area	-----		20.263
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Area in conflict with

Elizabeth lode of this survey	0.226	
Jack Pot lode of this survey	0.480	
Red Bird lode of this survey	0.269	
Red Bird lode of this survey		
exclusive of its conflict with Spring		
Claim lode of this survey.	0.269	

JACK POT Lode

Total area	-----		20.226
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HILL TOP Lode

Total area	-----		14.689
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JENNY LYN Lode

Total area	-----		20.477
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Area in conflict with

Mountain Chief Lode Sur.No. 1536.	0.128	
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GOLD POD Lode

Total area	-----		19.879
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Area in conflict with

Little Johney lode of this survey	3.295	
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RED BIRD Lode		Acres	Acres
Total area - - - - -			19.902
SPRING CLAIM Lode			
Total area - - - - -			20.519
Area in conflict with			
Red Bird lode of this survey		3.410	
Morning Star lode of this			
survey		3.608	
Rising Sun lode of this survey		1.863	
Black Diamond lode of this			
survey		2.072	
MORNING STAR Lode			
Total area - - - - -			20.074
Area in conflict with			
Jack Pot lode of this survey		0.352	
DELEWARE Lode			
Total area - - - - -			17.962
Area in conflict with			
Great Scott lode Sur.No.1530		0.008	
LITTLE JOHNEY Lode			
Total area - - - - -			20.509
Area in conflict with			
Great Scott lode Sur.No.1530		0.042	
GREY EAGLE Lode			
Total area - - - - -			20.239
Area in conflict with			
Little Johney lode of this			
survey.		3.550	
Cuprite lode Sur.No.1530		0.924	
Gray Dick lode Sur.No.1530		0.016	
BLACK DIAMOND Lode			
Total area - - - - -			20.771
Area in conflict with			
Gray Dick lode Sur.No.1530		0.229	

LOCATION

This survey is located approximately in sections 3-4-9&10, T.8 N.R.3 W unsurveyed, Gila and Salt River Base and Meridian, in the Black Rock Mining District, Yavapai County, State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon or for the benefit of the several locations embraced in this survey, by the claimant or his grantors is not less than five hundred dollars, and that said improvements consist of;

S & J Lode

No.1 Discovery cut, the center of which brs.
N.45°-14'W.1122.8 ft from the Southeast Center end, 5x22x
10 foot face. brs. southwest.

Value- \$200.00

No.2,a cut, the mouth of which brs. N.4°-00'E.
430 ft from Cor. No.4, 4x18x7 foot face, brs.northwest.

Value \$100.00

No.3, cut and tunnel, the mouth of cut brs.
N.42°E, 355 feet from Cor. No.4, cut 4x20x12 foot face,
tunnel 4x6x25 ft long. brs. north.

Value \$350.00

No.4,a cut, the mouth of which brs. N.29°-30'W.
305.0 ft from Cor. No.4, 4x25x12 foot face. brs. northwest.

Value \$200.00

ELIZABETH LODE.

No.1 discovery cut and tunnel, the mouth of cut
brs. S.45°-14'E. 650 ft. from the northwest center end,
cut 4x15x11 foot face, tunnel 4x6x50 ft(estimated) brs.
west.

Value \$600.00

No.2 a cut, the mouth of which brs. S.47°E. 660
feet from northwest center end, 4x15x13 foot face. brs.
north.

Value \$100.00

RISING SUN Lode

No.1 a discovery shaft, the center of which brs.
S.45°-13'E. 730 ft from the northwest center end, 4x6x15
feet deep, caved.

Value \$150.00

To be accredited to this lode is an equal undivided
1/7 interest in Improvement No.2 Red Bird lode.

Value \$450.00

JACK POT Lode

No.1 Discovery cut, the face of which brs. N.46°-
30'W. 55 ft from southeast center end. 4x25x10 foot face
caved, brs. southwest.

Value \$200.00

No.2 a cut, the mouth of which brs. N.73°W. 425

feet from Cor. No.1, 4x10x6 foot face. brs. southwest.

Value \$50.00

To be accredited to this lode is an equal undivided 1/7th interest in Improvement No.2 Red Bird lode.

Value \$450.00

HILL TOP Lode

No.1 discovery monument situated on a prominent mineralized dyke and outcropping. N.46°-28'W. 450 ft from southeast center end.

No.2a cut, the mouth of which brs. N.81°-30'W. 615 ft from Cor. No.1, 4x12x10 foot face, brs. northeast.

Value \$100.00

No.3 a cut, the mouth of which brs. N.63°-30'W. 675 feet from Cor. No. 1, 4x14x8 foot face, caved, brs.

northeast. Value \$100.00

No.4 cut and tunnel, the mouth of cut brs. S.41°-30'W. 380 feet from Cor. No.4, cut 4x15x10 foot face, tunnel 4x6x98 ft long, brs. southeast.

Value \$1000.00

To be accredited to this lode is an equal undivided 1/7 th interest in Improvement No.2 Red Bird lode.

Value \$450.00

JENNY LYN Lode.

No.1 Discovery shaft, the center of which brs. N. 21°-51'W. 470 ft from the southeast center end, 4x6x8 ft deep.

Value \$80.00

No.2, a cut and tunnel the mouth of cut brs. N. 13°-30'E. 1015 ft from Cor. No.4, cut 4x15x10 foot face

tunnel 4x6x43 ft long brs. southeast. Value \$550.00. Only the first 11.4 ft. of this improvement are situated on this claim; the remaining part being on the Cold Pod lode and the value credited thereto.

Value of portion on this claim, \$60.00
No.3 a cut and tunnel, the mouth of cut brs.

N. 11°-45'E. 1015 ft from Cor. No.4, cut 4x20x12 foot face, tunnel 4x6x4 ft long brs. northwest.

Value \$200.00

No.4 a cut and tunnel, the mouth of cut brs. S.76°15'E. 725 ft from Cor. No.1, cut 4x12x10 foot face, tunnel

4x6x135 ft long brs. southeast.

Value \$1450.00

No.5, a cut and tunnel, the mouth of cut brs. S.31°-00'E. 640 ft from Cor. No.1, cut 4x25x12 foot face tunnel 4x6x12 ft. Cut brs. west and tunnel south from face of cut.

Value \$250.00

130 ft. of the tunnel, and the winze described under Improvement No. 5 on the Little Johnny lode, are situated on this claim and the value credited hereto.

Value, \$1300.00

No.1 discovery, cut and tunnel, the mouth of tunnel brs. S.21°-37'E. 500 feet from the Northwest center end, cut 4x20x14 foot face, tunnel 4x6ft running northeast 70.0 feet to fork, thence north 50 ft, also 40 ft east.

having a total length of 160 ft. Value, \$1700.00

To be accredited to this lode is an equal undivided 1/3 interest in this improvement, Value, \$850.00

No.2 a cut and tunnel, the mouth of cut brs. N.9°-30'W. 940 ft from Cor. No.4. cut 4x10 x10 foot face tunnel 4x6x33 ft long, brs, east.

Value- \$400.00

No.3 a shaft, the center of which brs. S.50°-30'E. 445 ft from Cor. No.1, 4x6x20 ft deep.

Value \$200.00

No.4 a shaft, the center of which brs. S.47°E. 455 ft from Cor. No.1, 4x6x8 ft deep.

Value \$80.00

No.5 a cut, the mouth of which brs. S.78°-30'E. 370 ft from Cor. No.1, 4x20x14 foot face., brs. northeast.

Value \$150.00

63 ft. of the cut and the entire tunnel described under Improvement No. 2 on the Jenny Lyn lode, are situated on this claim and credited hereto.

Value, \$490.00

RED BIRD Lode.

No.1 discovery, cut and tunnel, the face of tunnel brs. S.21°-37'E. 370 ft from northwest center end. cut 4x16x10 foot face, tunnel 4x6x25 feet long, brs. east.

Value \$350.00

No.2, cut and tunnel, the mouth of cut brs.

S.41°W. 500 ft. from Cor. No.2. cut 4x22x10 foot face,
 tunnel 5x7x300 feet estimated length. Tunnel inaccessible.
 brs southeasterly about 100 feet and turns gradually
 east for balance of its length. Value; \$3150.00

To be accredited to this lode is an equal
 undivided 1-7th interest in this improvement, \$178.00

No.3 a cut and tunnel, the mouth of cut brs. Value, \$450.00

N.10°-30'W. 850 ft from Cor. No.4, cut 4x25x10 foot face,
 tunnel 4x6^{N.E.}ft. running/104 ft to fork, thence Northeast 40
 feet, also east 56 ft (estimated)

Value \$2100.00

No.4 a cut, the mouth of which brs. N.2°-30'E.
 945 ft from Cor. No.4. 4x20x10 foot face, brs. west.

Value \$150.00

No.5, a shaft, the center of which brs. N.0°-30'
 E. 995 feet from Cor. No.4. 4x6x30 feet deep.

Value \$300.00

No.6 a shaft the center of which brs. N.4°W.
 1085 feet from Cor. No.4, 4x6x10 feet deep.

Value \$100.00

No.7, a cut, the mouth of which brs. N.41°E.
 470 feet from Cor. No.4, 4x14x10 foot face, brs. south.

Value \$100.00

~~To be accredited to this lode is an equal un-~~
~~divided 1/7-th interest in improvement No.2 of this~~
 lode. Value \$450.00

SPRING CLAIM Lode

No.1 discovery shaft, the center of which brs.
 S. 33°-33'E. 460 feet from northwest center end, 4x6x20
 feet deep. Value \$200.00

No.2 a cut, the mouth of which brs. S. 33°-33'E.
 445 feet from northwest center end, 4x10x10 foot face.
 brs. southwest. Value \$125.00

No.3 a shaft, the center of which brs. N.10°W.
 385 feet from Cor. No.2, 4x6x10 feet deep.

Value \$100.00

No.4 cut and tunnel, the mouth of cut brs.

from Cor. No. 4,
N. 78° E. 110 feet, cut 4x17x12' foot face brs. southwest,
tunnel 4x6 running southwest on same course 22 feet thence
southeast 30 feet.

Value \$650.00

To be accredited to this lode is an equal undivided
1/7 th interest in Improvement No. 2 Red Bird lode.

Value \$450.00

MORNING STAR Lode.

No. 1 discovery cut, the face of which brs. N. 49° -
53' W. 100 feet from the southeast center end, brs. south
west, 4x14x10 foot face. Value \$100.00

No. 2 a cut, the mouth of which brs. S. 54° - 45' W.
240 feet from Cor. No. 4, 4x14x10 foot face, brs. south.

Value \$100.00

To be accredited to this lode is an equal un-
divided 1/7 th interest in Improvement No. 2 Red Bird lode.

Value \$450.00

DELEWARE Lode

No. 1 discovery cut, the face of which brs. N. 50° -
21' W. 260 feet from southeast center end, 4x15x10 foot
face, brs. north. Value \$100.00

No. 2 a cut and tunnel, the mouth of cut brs.
N. 27° - 15' W. 735 feet from Cor. No. 4, cut 4x15x10 foot
face, tunnel 4x6x50 ft. long (estimated) brs. west.

Value \$600.00

No. 3, a cut and tunnel, the mouth of cut brs.
N. 29° - 30' W. 720 feet from Cor. No. 4, cut 4x20x12 foot
face, tunnel 4x6x40 feet long. brs. northwest.

Value \$500.00

LITTLE JOHNEY Lode.

No. 1 discovery cut and tunnel, the mouth of tunnel
brs. N. 50° - 21' W. 320 feet from southeast center end, cut
4x14x10 foot face, tunnel, 4x6x10 ft long, brs. southeast.

Value \$200.00

No.2 a cut, the face of which hrs. N.50°-21'W. 510 ft from southeast center end, 4x9x8 foot face, hrs, east.

Value \$80.00

No.3 a cut and tunnel, the mouth of cut hrs. S.77°W. 730 ft from Cor. No.3, cut 4x16x12 foot face, tunnel 4x6x32 feet long, hrs. west.

Value \$430.00

No.4 a cut, the face of which hrs. S.50°-21'E. 50 feet from Northwest center end, 4x14x10 foot face hrs. south.

Value \$100.00

No.5 cut and tunnel, the mouth of cut hrs. S.50°-21'E. 25 feet/ from northwest center end/ cut 4x20x13 foot face, hrs northwest, tunnel 4x6 running on same course at 25 feet winze depth unknown, 51 feet to turn, thence west 79 feet. Value, \$1500.00. Only the cut and the first 5 ft. of the tunnel are situated on this claim, the remaining being on the Jenny Lyn lode and credited thereto.

Value of portion on this claim, \$200.00
GREY EAGLE lode

No.1 discovery cut, the face of which hrs. N. 45°-21'W. 645 feet from southeast center end, 4x20x10 foot face, hrs. east.

Value \$175.00

No.2, a shaft and trench, the center of shaft hrs. S. 48°E. 360 feet from Cor. No.3, 4x6x10 feet deep. trench 4x23x6 feet deep running southeast from shaft.

Value \$200.00

To be accredited to this lode is an equal undivided 1/2 interest in Improvement No.1 Gold Pod lode.

Value \$850.00

BLACK DIAMOND Lode.

No.1 discovery shaft, the center of which hrs. N.45°-31'W. 620 ft from southeast center end. 4x6x8 ft. deep.

Value \$80.00

No.2, a cut and tunnel, the mouth of cut hrs. N.14°-30'E. 570 feet from Cor. No.2, cut 4x15x10 foot face, tunnel 4x6 running east 19 feet, thence south 20 feet.

Value \$500.00

To be accredited to this lode is an equal undivided

1/7 th interest in Improvement No.2 Red Bird lode.

Value \$450.00

COMMON IMPROVEMENTS

Red Bird.

Improvement No.2 Red Bird lode is a large sized tunnel driven to develop the easterly portion of this group of claims. It is situated high enough above the main gulch to permit construction of reduction works below its portal. In its course easterly, it attains a depth of about 150 feet at the center of the Red Bird, cutting the vein system traversing the Red Bird and Black Diamond lodes. The tunnel thus continued easterly would attain a depth of approximately 500 feet below the highest point of the outlying claims. It is well situated for a cross cut tunnel, developing claims on both sides in its course. I consider this tunnel a common improvement, and of such a nature as to redound to the benefit of all the lodes mentioned hereunder, i.e., Red Bird, Rising Sun, Jack Pot, Hill Top, Morning Star, Spring Claim and Black Diamond.

Total value of Improvement No.2 \$3150.00

To be accredited to each of the lodes mentioned above is an equal undivided 1/7 th interest in the above mentioned common Improvement

1/7 th.interest \$450.00

Gold Pod

Improvement No.1 Gold Pod lode is a tunnel driven to cross an immense dyke traversing the Gold Pod and Grey Eagle lodes. Although this dyke extends into the S & J lode, the tunnel, being above the latter, lode, ~~it was~~ not considered to directly develop it as a Common Improvement.

Drifts run from this cross cut tunnel, would develop the vein traversing the Grey Eagle lode. I consider this tunnel a common improvement and of such a nature as to redound to the benefit of the Gold Pod and Grey Eagle lodes only.

Total value of Improvement No.1 \$1700.00

To be accredited to each lode mentioned above is an

undivided 1/2 interest in the above mentioned common improvement.

1/2 interest.

\$850.00

OTHER IMPROVEMENTS.

None.

ADJOINING CLAIMS.

This survey is bounded on east by U.S.Land, on the south south by the Gray Dick, Cuprite, Great Scott and Azurite Copper lode claims Sur.No. 1530, Robert Dodds and Atlas Mining Company, claimant; on the west by the Virginia and Maryland lodes unsurveyed, J.W.Bandhauer claimant, Mountain Chief lode Sur.No. 1536, Ezra W.Thayer claimant, and U.S.Land, and on the north by the Age of Reason, and First, lodes unsurveyed, Hale Mining and Milling Company, claimant.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit, No. 5905. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 foot steel tape.

REPORT

U.S.L.M. No. 1385 is a stone properly set and chiseled as shown by the calls in the field notes for said monument.

U.S.L.M.No.1623 is a post properly set and scribed as shown by the calls in the field notes for said monument.

Mineral Survey No.1530

All corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey. I do not agree with the courses and distances of the lines of this survey, nor with its ties to the Mineral Monument.

Mineral Survey No.1536.

All corners are stones properly set and chiseled with the number of the corner and survey. I do not agree

with the courses and distances of the lines of this survey.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

The discrepancies between the lines of this survey and prior approved surveys are due to errors in the latter.

Owing to the fact that a Notary Public was not available and to avoid delays and expense to obtain an acknowledgment of my assistants in filling out Oath for Surveys, I took the acknowledgments of my assistants.

William W. W. W.
U.S. Mineral Surveyor

REPORT CONTINUED

Improvement No.1 Gold Pod lode runs in a northeasterly direction substantially crossing a heavily mineralized dyke about 100 feet wide, which extends into the Grey Eagle lode. Near the face of this tunnel, it has an easterly course, more closely crossing the formation. The formation runs southeasterly toward the Grey Eagle lode, and any work done upon this formation within the boundaries of Gold Pod, serves to open up and develop the formation common to both lodes. For this reason the credit was considered justified.

Improvement No.2 Red Bird lode is a tunnel, run on the easterly side of the main gulch passing through this group. It does not directly benefit the seven claims not mentioned under the heading "Common Improvement" due to the fact that the topography of the country makes these claims inaccessible to the tunnel. For this reason the said claims were barred from benefits of the "Common Improvement".

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. William Waara

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 Mary P. O'Brien
administratrix Estate of F.X. O'Brien deceased. known as the DELEWARE, JENNY LYN, GOLD POD, LITTLE JOHNEY, GREY EAGLE, RED BIRD, ELIZABETH, S & J, SPRING CLAIM, JACK POT, HILL TOP, BLACK DIAMOND, MORNING STAR, and RISING SUN lodes.

and showing the respective capacities in which they acted.

Albert E. Parrett....., Chainman.

V.H. LeMay....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Albert E. Parrett

and V.H. LeMay, do solemnly swear that we assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Mary P. O'Brien, administratrix of the Estate

of F.X. O'Brien, deceased, known as the DELEWARE, JENNY LYN, GOLD POD, LITTLE JOHNEY, GREY EAGLE, RED BIRD, ELIZABETH, S & J, SPRING CLAIM, JACK POT, HILL TOP, BLACK DIAMOND, MORNING STAR, and RISING SUN 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 instruc-

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

Albert E. Parrett....., Chainman.

V.H. LeMay....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 23 rd.

day of November, 19 26

J. William Waara
U.S. Mineral Surveyor

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. William Waara, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix Arizona, dated October 19, 1926, 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 Mary P. O'Brien, Administratrix of the Estate of F.X. O'Brien, deceased, known as the Delaware, Jenny Lyn, Gold Pod, Little Johnney, Grey Eagle, Red Bird, Elizabeth, S. & J. Spring Claim, Jack Pot, Hill Top, Black Diamond, Morning Star and Rising Sun lodes, situate in BLACK ROCK Mining District, YAVAPAI County, Arizona, approx. in Section 3-4-9-10, Township No. 8 N., Range No. 3 W. unsurveyed, and designated as Survey No. 4024, 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 her 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.

J. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. William Waara
U. S. Mineral Surveyor, before me
this 8
day of January, 1927

E. A. Horne
Notary Public

My commission expires
April 26, 1927

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,
PUBLIC SURVEY OFFICE,

Phoenix, Arizona,

February 14, 1927.

I, U. S. Surveyor-General for Office Cadastral Engineer

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Mary P. O'Brien, Administratrix of the Estate of F. X. O'Brien, Deceased
DELEWARE, JENNY LYN, GOLD POD, LITTLE JOHNEY, GREY EAGLE,
known as the RED BIRD, ELIZABETH, S & J, SPRING CLAIM, JACK POT, HILL TOP,
situate in BLACK DIAMOND, MORNING STAR, and RISING SUN lodes
Black Rock

Mining District, Yavapai County, Arizona

in Section 3, 4, 9, 10, Township No. 8 N., Range No. 3 W., Unsur., and

designated as Survey No. 4024, 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.

And I further certify that five hundred dollars' worth of labor has been expended or improved or for each of
ments made upon said mining claim by claimant or her grantors, and that said improvements consist of 10 shafts, 37 cuts, 19 tunnels, 1 winze, and 1 trench, total value \$20,200.

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

United States Surveyor-General for

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

February 14, 1927

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 P. O'Brien, Administratrix of the Estate of F. X. O'Brien, Deceased

known as the DELEWARE, JENNY LYN, GOLD POD, LITTLE JOHNEY, GREY EAGLE, RED BIRD, ELIZABETH, S & J, SPRING CLAIM, JACK POT, HILL TOP, BLACK DIAMOND, MORNING STAR and RISING SUN lodes

situate in Black Rock mining district,

Yavapai County, Arizona

in Sections 3, 4, 9, 10, Township No. 8 N., Range No. 3 W., Unsur.

designated as Survey No. 4024

executed by J. William Waara, U. S. Mineral

Surveyor, November 3 - 23, 1926, under my instructions dated

October 19, 1926, 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, Phoenix, Arizona