

Form 3400-11
(September 1967)
(formerly 4-683)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number
4767

State
Arizona

Land District
Arizona

FIELD NOTES

Of the Survey of the Mining Claim of *(name and address of Claimant)*

James A. Yanez, et al.
3754 North Oracle Road
Tucson, Arizona 85705

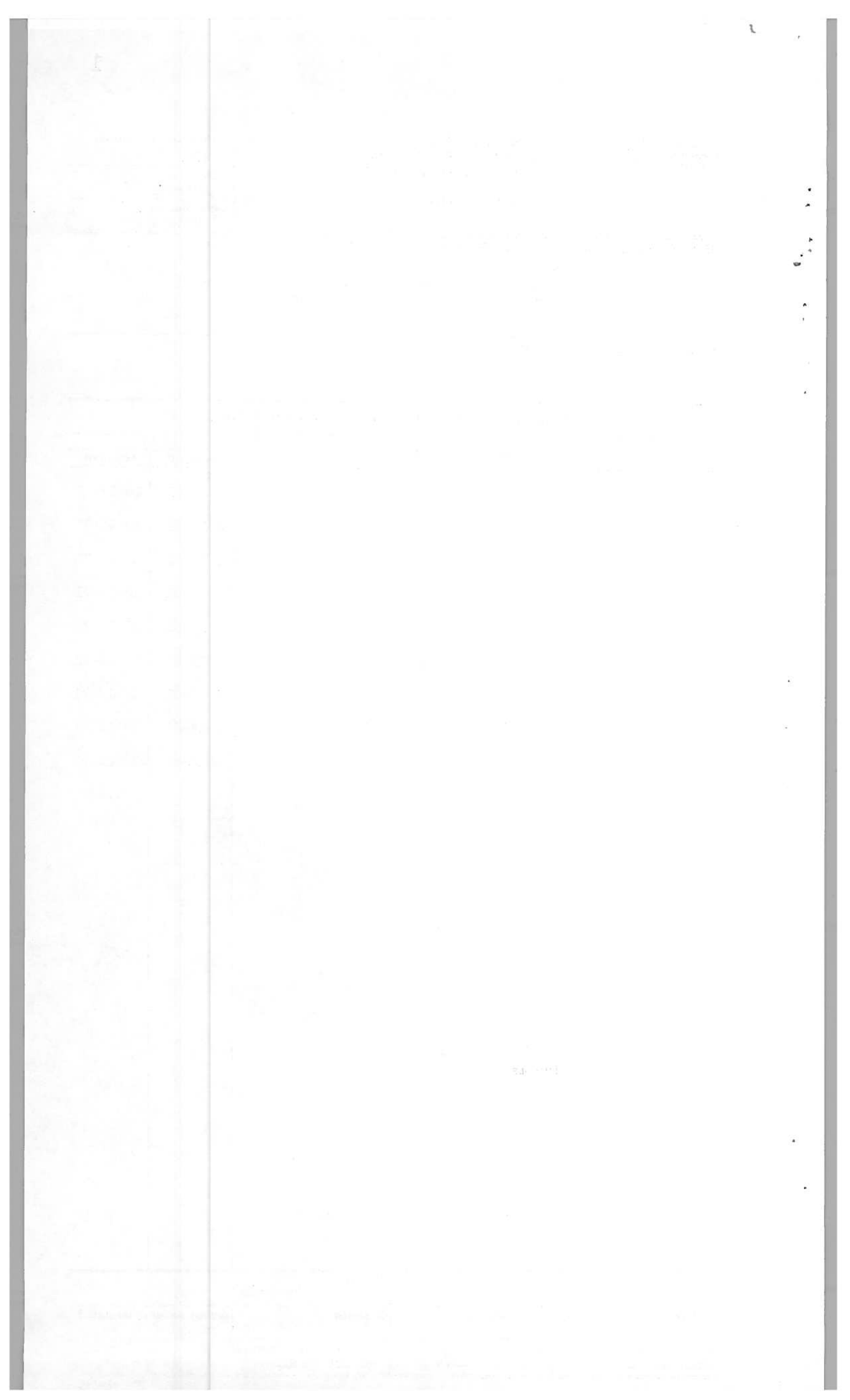
Known as the *(name of group, if any)*

Red Castle Group

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Red Castle No. 1	4-30-61	10-12-71
Red Castle No. 2	4-19-61	10-12-71
Red Castle No. 3	4-19-61	10-12-71
Red Castle No. 4	4-30-61	10-12-71
Red Castle No. 5	4-19-61	10-12-71
Red Castle No. 6	4-19-61	10-12-71
Red Castle No. 7	4-30-61	10-12-71
Red Castle No. 8	5-28-61	10-12-71
Red Castle No. 9	5-28-61	10-12-71

Mining district Patagonia			County Santa Cruz	
Section 18, 19 & 20	Township 22 South	Range 16 East	Meridian Gila & Salt River	Survey under order dated Nov. 14, 1973
Survey commenced Jan. 19, 1974		Survey completed May 29, 1974	Name of Mineral Surveyor Robert Lenon	



FEET

This survey was made with a Lietz Precise Transit No. 65718, with horizontal limb $5\frac{1}{2}$ ins. diam., having two double opposite verniers reading to 20 seconds of arc, and full vertical circle $4\frac{1}{2}$ ins. diam., having one double vernier reading to 1 minute of arc; the eyepiece has a removable colored glass for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were referred to the meridian of the Kerr-McGee Red Mountain Project triangulation-system, set out on a local plane grid, rotated from Transverse Mercator grid bearings, as checked by me and found to be correct by the observations set out below:

January 19, 1974, at Cor. No. 1 of the Red Castle No. 7 lode of this survey, in latitude $31^{\circ}31'55''$ N., and longitude $110^{\circ}44'55''$ W., I make a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angles from Cor. No. 4, Red Castle No. 7 lode, southeasterly, to the sun.

	(1)	(2)
Mean time of observation, 105th meridian standard time:	9 ^h 45 ^m a.m.	9 ^h 52 ^m a.m.
Declination of sun at mean time of observation:	20°18'30" S.	
Mean observed vertical angles to sun's center:	24°08'	25°09'
Mean horizontal angles from reference point to sun's center:	5°24'50"	4°01'30"
True bearing of Line 1-4, Red Castle No. 7 lode:	S. 38°30'55" W.	

The lines were measured with a Hewlett-Packard distance-meter, and a Chicago steel tape 300 feet in length, graduated every foot, with the end feet graduated to tenths; which was compared with a Lufkin standard at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ}15'$ E.

Mineral Survey No. 4767

RED CASTLE NO. 4 LODE

At Cor. No. 1 of the Red Castle No. 4 lode, identical with Cor. No. 4, Gem No. 2 lode, Uns., and on line 2-3 of the Red Castle No. 1 lode of this survey.

FEET

Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC4-1-RC1-4767; from which

The $\frac{1}{4}$ sec. cor. of secs. 18 and 19,
T. 22 S., R. 16 E., G&SRM, Arizona, bears
N. $19^{\circ}04'15''$ E., 2099.14 ft. dist.,
monumented with an iron post, 1 in. diam.,
10 ins. above ground, firmly set, with
brass cap properly mkd., stone mound
alongside.

The Northeast cor., Aagh No. 3 lode, Uns.,
bears S. $12^{\circ}07'50''$ E., 564.3 ft. dist.

Thence S. $51^{\circ}29'05''$ E.

645. Gulch, 2 ft. wide, course N. 40° E.
975. Gulch, 2 ft. wide, course N. 15° W.
- 1405.58 Cor. No. 2, identical with Cor. Nos. 3, 3 and 4,
Gem No. 2, Andes No. 2, and Terry No. 1 lodes,
respectively, Uns.
- Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC4-2-4767; from which
- Cor. No. 2, Aagh No. 19 lode, Uns., bears
S. $31^{\circ}48'40''$ E., 235.89 ft. dist.
- Thence S. $38^{\circ}30'55''$ W.
- 180.14 Intersect line 1-2, Aagh No. 19 lode, Uns., at a
point from which Cor. No. 1, identical with Cor.
No. 2, Lime Bank No. 5 lode, Uns., bears
N. $75^{\circ}52'40''$ W., 356.11 ft. dist.
- 300.00 Lode line; discovery point bears N. $51^{\circ}29'05''$ W.,
1395.58 ft. dist.
- 600.00 Cor. No. 3, identical with Cor. No. 3, Terry No.
1 lode, Uns.
- Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC4-3-4767; from which
- Cor. Nos. 1 and 2, Aagh No. 19 and Lime
Bank No. 5 lodes, respectively, Uns.,
bears N. $11^{\circ}25'$ W., 423.79 ft. dist.
- Thence N. $51^{\circ}29'05''$ W.
- 105.45 Intersect line 4-1, Aagh No. 19 lode, common
with line 2-3, Lime Bank No. 5 lode, both Uns.,
at a point from which Cor. Nos. 1 and 2, respect-
ively, bears N. $0^{\circ}13'30''$ W., 349.74 ft. dist.

FEET	
850.69	Intersect line 4-1, Lime Bank No. 5 lode, common with line 2-3, Lime Bank No. 4 lode, both Uns., at a point from which Cor. Nos. 1 and 2, respectively, identical with the Southeast cor., Aagh No. 3 lode, Uns., bears N. 0°13'30" W., 32.07 ft. dist.
925.92	Intersect line 1-2, Lime Bank No. 4 lode, common with the Southerly sideline, Aagh No. 3 lode, both Uns., at a point from which Cor. No. 2, and the Southeast cor., respectively, identical with Cor. No. 1, Lime Bank No. 5 lode, Uns., bears S. 75°52'40" E., 60.56 ft. dist.
1405.58	<p>Cor. No. 4, identical with Cor. No. 3 of the Red Castle No. 1 lode of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC4-4-RC1-3-4767; from which</p> <p style="padding-left: 40px;">Cor. Nos. 1 and 2, Lime Bank No. 5 and Lime Bank No. 4 lodes, respectively, Uns., identical with the Southeast cor., Aagh No. 3 lode, Uns., bears S. 54°09'45" E., 535.4 ft. dist.</p> <p style="padding-left: 40px;">The Southeast cor., Wild Pig No. 7 lode, Uns., bears N. 42°44'40" E., 62.61 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 1, Lime Bank No. 4 lode, Uns., identical with the Northeast cor., Lime Bank No. 3 lode, Uns., bears S. 41°30'10" W., 223.09 ft. dist.</p> <p style="padding-left: 80px;">Thence N. 38°30'55" E.</p>
44.31	Intersect the Northerly sideline, Aagh No. 3 lode, Uns., at a point from which the Northeast cor. bears S. 75°52'40" E., 479.11 ft. dist.
58.75	Intersect the Southerly sideline, Wild Pig No. 7 lode, Uns., at a point from which the Southeast cor. bears N. 89°52'50" E., 5.91 ft. dist.
68.18	Intersect the Easterly endline, Wild Pig No. 7 lode, Uns., at a point from which the Southeast cor. bears S. 0°13'30" E., 7.38 ft. dist.
175.	Gulch, 3 ft. wide, course No. 70° W.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
600.00	Cor. No. 1, and place of beginning.
RED CASTLE NO. 1 LODE	
At Cor. No. 1 of the Red Castle No. 1 lode, identical with Cor. No. 4 of the Red Castle No. 7 lode of this survey, and with the East cor., Aagh No. 2 lode, Uns.	

FEET	
	<p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC1-1-RC7-4-4767; from which</p> <p>The $\frac{1}{4}$ sec. cor. of secs. 18 and 19, bears N. $33^{\circ}17'10''$ E., 1083.93 ft. dist., heretofore described.</p> <p>The Southwest cor., Wild Pig No. 4 lode, Uns., identical with the Northeast cor., Wild Pig No. 5 lode, Uns., bears S. $54^{\circ}51'$ W., 523.43 ft. dist.</p> <p>Thence S. $51^{\circ}29'05''$ E.</p>
300.00	Lode line; discovery point bears S. $38^{\circ}30'55''$ W., 10.0 ft. dist.
481.24	Intersect the Southerly sideline, Wild Pig No. 4 lode, Uns., at a point from which the Southwest cor., identical with the Northeast cor., Wild Pig No. 5 lode, Uns., bears S. $89^{\circ}52'50''$ W., 804.52 ft. dist.
535.	Gulch, 5 ft. wide, course S. 70° W.
600.00	<p>Cor. No. 2, identical with Cor. No. 3 of the Red Castle No. 7 lode of this survey, and on line 4-1, Gem No. 1 lode, Uns.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC1-2-RC7-3-4767.</p> <p>Thence S. $38^{\circ}30'55''$ W.</p>
100.	Aztec Gulch, 15 ft. wide, course N. 85° W.
145.	Road, 12 ft. wide, bears N. 85° W., and S. 85° E.
300.00	Cor. No. 4, Gem No. 1 lode, identical with Cor. No. 1, Gem No. 2 lode, respectively, both Uns.
495.	Andes Gulch, 10 ft. wide, course N. 55° W.
900.00	Cor. No. 4, Gem No. 2 lode, Uns., identical with Cor. No. 1 Red Castle No. 4 lode of this survey.
1325.	Gulch, 3 ft. wide, course N. 70° W.
1431.82	Intersect the Easterly endline, Wild Pig No. 7 lode, Uns., at a point from which the Northeast cor., identical with the Southeast cor., Wild Pig No. 5 lode, Uns., bears N. $0^{\circ}13'30''$ W., 592.62 ft. dist.
1441.25	Intersect the Southerly sideline, Wild Pig No. 7 lode, Uns., at a point from which the Southeast cor. bears N. $89^{\circ}52'50''$ E., 5.91 ft. dist.
1455.69	Intersect the Northerly sideline, Aagh No. 3 lode, Uns., at a point from which the Northeast cor. bears S. $75^{\circ}52'40''$ E., 479.11 ft. dist.

FEET	
1500.00	Cor. No. 3, identical with Cor. No. 4 of the Red Castle No. 4 lode of this survey.
	Thence N. 51°29'05" W.
73.49	Intersect the Southerly sideline, Wild Pig No. 7 lode; Uns.; at a point from which the Southeast cor. bears N. 89°52'50" E., 99.98 ft. dist.
97.71	Intersect the Northerly sideline, Aagh No. 3 lode, Uns., at a point from which the Northeast cor. bears S. 75°52'40" E., 586.39 ft. dist.
250.	Gulch, 5 ft. wide, course S. 75° W.
300.00	Lode line; discovery point bears N. 38°30'55" E., 1490.0 ft. dist.
500.	Gulch, 5 ft. wide, course N. 25° W.
600.00	Cor. No. 4 Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RCl-4-4767; from which
	The Northeast cor., Wild Pig No. 7 lode, Uns.; identical with the Southeast cor., Wild Pig No. 5 lode, Uns., bears N. 61°52'45" E., 577.78 ft. dist.
	Thence N. 38°30'55" E.
15.	Gulch, 5 ft. wide, course N. 35° W.
347.26	Intersect the Northerly sideline, Wild Pig No. 7 lode, Uns., common with the Southerly sideline, Wild Pig No. 5 lode, Uns., at a point from which the Northeast and Southeast cors., respectively, bears N. 89°52'50" E., 293.33 ft. dist.
475.	Gulch, 2 ft. wide, course N. 15° W.
750.00	The South cor., Aagh No. 2 lode, Uns.
816.00	Intersect the Easterly endline, Wild Pig No. 5 lode, Uns.; at a point from which the Southeast cor., identical with the Northeast cor., Wild Pig No. 7 lode, Uns., bears S. 0°13'30" E., 366.16 ft. dist.
1115.36	Intersect the Southerly sideline, Wild Pig No. 4 lode, Uns., at a point from which the Southwest cor., identical with the Northeast cor., Wild Pig No. 5 lode, Uns., bears S. 89°52'50" W., 188.46 ft. dist.
1205.	Aztec Gulch, 20 ft. wide, course N. 70° W.
1260.	Road, 12 ft. wide, bears N. 65° W. and S. 65° E.
1500.00	Cor. No. 1, and place of beginning.

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FEET

RED CASTLE NO. 7 LODE

At Cor. No. 1 of the Red Castle No. 7 lode of this survey.

Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC7-1-4767; from which

The $\frac{1}{2}$ sec. cor. of secs. 18 and 19, bears S. $51^{\circ}44'$ W., 432.03 ft. dist., heretofore described.

The Northeast cor., Wild Pig No. 2 lode, Uns., bears S. $26^{\circ}29'$ E., 303.75 ft. dist.

Thence S. $51^{\circ}29'05''$ E.

300.00 Lode line; discovery point bears S. $38^{\circ}30'55''$ W., 1490.0 ft. dist.

600.00 Cor. No. 2, identical with Cor. No. 1 of the Red Castle No. 6 lode of this survey, and Cor. No. 1, Fox No. 2 lode, Uns.

Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC7-2-RC6-1-4767; from which

Cor. No. 4, Joco No. 37 lode, identical with Cor. No. 2, Joco No. 38 lode and Cor. No. 4, Joco No. 39 lode, all Uns., bears S. $81^{\circ}11'25''$ E., 392.33 ft. dist.

Thence S. $38^{\circ}30'55''$ W.

77.95 Intersect line 4-1, Joco No. 37 lode, Uns., at a point from which Cor. No. 4, identical with Cor. No. 2, Joco No. 38 lode and Cor. No. 4, Joco No. 39 lode, both Uns., bears N. $89^{\circ}52'50''$ E., 436.24 ft. dist.

534.64 Intersect the Easterly endline, Wild Pig No. 2 lode, Uns., at a point from which the Northeast cor. bears N. $0^{\circ}07'10''$ W., 520.09 ft. dist.

600.00 Cor. No. 4, Red Castle No. 6 lode of this survey, identical with Cor. No. 1, Andes No. 1 lode, Uns.

636.96 Intersect the Southerly sideline, Wild Pig No. 2 lode, Uns., common with the Northerly sideline, Wild Pig No. 4 lode, Uns., at a point from which the Southeast and Northeast cors., respectively, bears N. $89^{\circ}52'50''$ E., 63.87 ft. dist.

1200.00 Cor. No. 4, Andes No. 1 lode, identical with Cor. No. 1, Gem No. 1 lode, respectively, both Uns.

1385. Gulch, 5 ft. wide, course S. 80° W.

FEET	
1405.07	Intersect the Southerly sideline, Wild Pig No. 4 lode, Uns., at a point from which the Southeast cor. bears N. 89°52'50" E., 543.44 ft. dist.
1500.00	Cor. No. 3, identical with Cor. No. 2 of the Red Castle No. 1 lode of this survey, and on line 4-1, Gem No. 1 lode, Uns.; from which The Southeast cor., Wild Pig No. 4 lode, Uns., bears N. 82°52' E., 607.25 ft. dist.
	Thence N. 51°29'05" W.
65.	Gulch, 5 ft. wide, course S. 70° W.
118.76	Intersect the Southerly sideline, Wild Pig No. 4 lode, Uns., at a point from which the Southeast cor. bears N. 89°52'50" E., 695.48 ft. dist.
300.00	Lode line; discovery point bears N. 38°30'55" E., 10.0 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 1 of the Red Castle No. 1 lode of this survey, and with the East cor., Aagh No. 2 lode, Uns.
	Thence N. 38°30'55" E.
360.	Gulch, 5 ft. wide, course S. 65° W.
383.48	Intersect the Northerly sideline, Wild Pig No. 4 lode, Uns., common with the Southerly sideline, Wild Pig No. 2 lode, Uns., at a point from which the Northeast and Southeast cors., respectively, bears N. 89°52'50" E., 831.98 ft. dist.
942.47	Intersect line 4-1, Joco No. 37 lode, Uns., at a point from which Cor. No. 4, identical with Cor. No. 2, Joco No. 38 lode and Cor. No. 4, Joco No. 39 lode, both Uns., bears N. 89°52'50" E., 1204.35 ft. dist.
1151.59	Intersect the Northerly sideline, Wild Pig No. 2 lode, Uns., at a point from which the Northeast cor. bears N. 89°52'50" E., 352.42 ft. dist.
1500.00	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">RED CASTLE NO. 6 LODE</p> <p>Beginning at Cor. No. 1 of the Red Castle No. 6 lode, identical with Cor. No. 2 of the Red Castle No. 7 lode of this survey, and with Cor. No. 1, Fox No. 2 lode, Uns.; from which</p> <p>The cor. of secs. 17, 18, 19 and 20, T. 22 S., R. 16 E., G. & S. R. M., Arizona, bears N. 87°01'55" E., 1879.72 ft. dist., monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with brass cap properly mkd.</p>

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FEET	
	<p>The $\frac{1}{4}$ sec. cor. of secs. 18 and 19, bears N. $82^{\circ}31'40''$ W., 815.58 ft. dist., heretofore described.</p> <p>Thence S. $51^{\circ}29'05''$ E.</p>
97.53	Intersect line 4-1, Joco No. 37 lode, Uns., at a point from which Cor. No. 4, identical with Cor. No. 2, Joco No. 38 lode and Cor. No. 4, Joco No. 39 lode, both Uns., bears N. $89^{\circ}52'50''$ E., 311.39 ft. dist.
496.16	Intersect line 3-4, Joco No. 39 lode, Uns., at a point from which Cor. No. 3 bears S. $0^{\circ}07'10''$ E., 351.12 ft. dist.
885.	Gulch, 2 ft. wide, course South.
1058.54	Intersect line 2-3, Joco No. 39 lode, Uns., at a point from which Cor. No. 3 bears S. $89^{\circ}52'50''$ W., 439.3 ft. dist.
1405.58	Cor. No. 2, identical with Cor. No. 3 of the Red Castle No. 5 lode of this survey, and with Cor. Nos. 4 and 4, Fox No. 2 and Fox No. 4 lodes, respectively, both Uns.
	Set an iron pin, $\frac{5}{8}$ in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC6-2-RC5-3-4767; from which
	Cor. No. 3, Joco No. 39 lode, Uns., bears N. $73^{\circ}09'25''$ W., 742.7 ft. dist.
	Thence S. $38^{\circ}30'55''$ W.
105.	Aztec Gulch, 10 ft. wide, course N. 60° W.
265.	Road, 12 ft. wide, bears N. 65° W., and S. 65° E.
300.00	Lode line; discovery point bears N. $51^{\circ}29'05''$ W., 1395.58 ft. dist.
600.00	Cor. No. 3, identical with Cor. Nos. 2 and 4 of the Red Castle No. 5 and Red Castle No. 3 lodes, respectively, of this survey, and with Cor. No. 2, Andes No. 1 lode, Uns.
	Set an iron pin, $\frac{5}{8}$ in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC6-3-RC5-2-RC3-4-4767.
	Thence N. $51^{\circ}29'05''$ W.
340.	Road, 12 ft. wide, bears East and West.
540.	Aztec Gulch, 12 ft. wide, course S. 65° W.
1105.	Gulch, 2 ft. wide, course S. 35° W.
1353.34	Intersect the Easterly endline, Wild Pig No. 4 lode, Uns., at a point from which the Northeast cor., identical with the Southeast cor., Wild Pig No. 2 lode, Uns., bears N. $0^{\circ}07'10''$ W., 3.76 ft. dist.

FEET	
1359.36	Intersect the Northerly sideline, Wild Pig No. 4 lode, Uns., common with the Southerly sideline, Wild Pig No. 2 lode, Uns., at a point from which the Northeast and Southeast cors., respectively, bears N. 89°52'50" E., 4.7 ft. dist.
1405.58	<p>Cor. No. 4, identical with Cor. No. 1, Andes No. 1 lode, Uns., and on line 2-3 of the Red Castle No. 7 lode of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC6-4-RC7-4767; from which</p> <p>The Southeast cor., Wild Pig No. 2 lode, Uns., identical with the Northeast cor., Wild Pig No. 4 lode, Uns., bears S. 54°51' E., 49.98 ft. dist.</p> <p>Thence N. 38°30'55" E.</p>
65.36	Intersect the Easterly endline, Wild Pig No. 2 lode, Uns., at a point from which the Southeast cor., identical with the Northeast cor., Wild Pig No. 4 lode, Uns., bears S. 0°07'10" E., 79.91 ft. dist.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
522.05	Intersect line 4-1, Joco No. 37 lode, Uns., at a point from which Cor. No. 4, identical with Cor. No. 2, Joco No. 38 lode and Cor. No. 4, Joco No. 39 lode, both Uns., bears N. 89°52'50" E., 436.24 ft. dist.
600.00	Cor. No. 1, and place of beginning.
RED CASTLE NO. 5 LODE	
<p>At Cor. No. 1 of the Red Castle No. 5 lode, identical with Cor. Nos. 1, 1 and 1 of the Red Castle No. 8, Red Castle No. 9, and Red Castle No. 3 lodes, respectively, of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC5-1-RC8-1-RC9-1-RC3-1-4767; from which</p> <p>The 1/4 sec. cor. of secs. 19 and 20, T. 22 S., R. 16 E., G. & S. R. M., Arizona, bears S. 2°17'30" W., 295.04 ft. dist., monumented with an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap properly mkd., stone mound alongside.</p> <p>Thence N. 51°29'05" W.</p>	

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FEET	
60.	Gulch, 2 ft. wide, course N. 20° E.
1488.55	Cor. No. 2, identical with Cor. Nos. 4 and 3 of the Red Castle No. 3 and Red Castle No. 6 lodes, respectively, of this survey, and with Cor. No. 2, Andes No. 1 lode, Uns. Thence N. 38°30'55" E.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
335.	Road, 12 ft. wide, bears N. 65° W., and S. 65° E.
495.	Aztec Gulch, 10 ft. wide, course N. 60° W.
600.00	Cor. No. 3, identical with Cor. No. 2 of the Red Castle No. 6 lode of this survey, and with Cor. Nos. 4 and 4, Fox No. 2 and Fox No. 4 lodes, respectively, both Uns. Thence S. 51°29'05" E.
450.	Aztec Gulch, 10 ft. wide, course N. 70° W.
600.	Aztec Gulch, 10 ft. wide, course N. 30° W.
1010.84	Intersect line 1-2, Hank No. 1 lode, Uns., at a point from which Cor. No. 1, identical with Cor. No. 2, Hank No. 2 lode, Uns., bears S. 0°07'10" E., 352.2 ft. dist.
1488.55	Cor. No. 4, identical with Cor. No. 2 of the Red Castle No. 8 lode of this survey, and with Cor. No. 3, Fox No. 4 lode, Uns. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC5-4-RC8-2-4767; from which Cor. Nos. 1 and 2, Hank No. 1 and Hank No. 2 lodes, respectively, both Uns., bears S. 81°39'15" W., 377.04 ft. dist. Thence S. 38°30'55" W.
69.06	Intersect line 4-1, Hank No. 1 lode, common with line 2-3, Hank No. 2 lode, both Uns., at a point from which Cor. Nos. 1 and 2, respectively, bears S. 89°52'50" W., 330.04 ft. dist.
225.	Aztec Gulch, 7 ft. wide, course N. 65° W.
275.	Road, 12 ft. wide, bears N. 70° W., and S. 70° E.
300.00	Lode line; discovery point bears N. 51°29'05" W., 1478.55 ft. dist.

FEET	
597.68	Intersect line 1-2, Hank No. 2 lode, Uns., at a point from which Cor. No. 2, identical with Cor. No. 1, Hank No. 1 lode, Uns., bears N. 0°07'10" W., 412.92 ft. dist.
600.00	Cor. No. 1, and place of beginning.
RED CASTLE NO. 3 LODE	
Beginning at Cor. No. 1 of the Red Castle No. 3 lode, identical with Cor. Nos. 1, 1 and 1 of the Red Castle No. 5, Red Castle No. 8, and Red Castle No. 9 lodes, respectively, of this survey; from which	
The $\frac{1}{2}$ sec. cor. of secs. 19 and 20, bears S. 2°17'30" W., 295.04 ft. dist., heretofore described.	
Thence S. 38°30'55" W.	
300.00	Lode line; discovery point bears N. 51°29'05" W., 1475.55 ft. dist.
575.10	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 1 bears N. 62°10'50" E., 787.73 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 4 and 1 of the Red Castle No. 9 and Red Castle No. 2 lodes, respectively, of this survey.
Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC3-2-RC9-4-RC2-1-4767.	
Thence N. 51°29'05" W.	
10.91	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 1 bears N. 62°10'50" E., 814.92 ft. dist.
1488.55	Cor. No. 3, identical with Cor. No. 4 of the Red Castle No. 2 lode of this survey, and with Cor. Nos. 2 and 3, Gem No. 1 and Andes No. 1 lodes, respectively, both Uns.
Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC3-3-RC2-4-4767.	
Thence N. 38°30'55" E.	
300.00	Lode line; discovery point bears S. 51°29'05" E., 13.0 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 3 and 2 of the Red Castle No. 6 and Red Castle No. 5 lodes, respectively, of this survey, and with Cor. No. 2, Andes No. 1 lode, Uns.

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FEET	
	Thence S. 51°29'05" E.
1428.55	Gulch, 2 ft. wide, course N. 20° E.
1488.55	Cor. No. 1, and place of beginning.
RED CASTLE NO. 2 LODGE	
	Beginning at Cor. No. 1 of the Red Castle No. 2 lode, identical with Cor. Nos. 2 and 4 of the Red Castle No. 3 and Red Castle No. 9 lodes, respectively, of this survey; from which
	The ½ sec. cor. of secs. 19 and 20, bears N. 64°14' E., 401.79 ft. dist., heretofore described.
	Thence S. 38°30'55" W.
300.00	Lode line; discovery point bears N. 51°29'05" W., 1478.55 ft. dist.
442.06	Intersect line 2-3, Aagh No. 7 lode, common with line 4-1, South Red Mountain No. 2 lode, both Uns., at a point from which Cor. Nos. 3 and 4, respectively, identical with Cor. No. 3, South Red Mountain No. 1 lode, Uns., bears S. 62°10'50" W., 284.34 ft. dist.
580.	Gulch, 3 ft. wide, course N. 85° W.
600.00	Cor. No. 2, identical with Cor. No. 1, Andes No. 2 lode, Uns.
	Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC2-2-4767; from which
	Cor. No. 4, South Red Mountain No. 2 lode, Uns., identical with Cor. No. 3, Aagh No. 7 lode, Uns., and Cor. No. 3, South Red Mountain No. 1 lode, Uns., bears S. 86°35'30" W., 153.4 ft. dist.
	Cor. No. 4, Aagh No. 7 lode, Uns., bears N. 56°58'20" W., 287.21 ft. dist.
	Thence N. 51°29'05" W.
25.	Gulch, 3 ft. wide, course West.
69.22	Intersect line 4-1, South Red Mountain No. 2 lode common with line 2-3, Aagh No. 7 lode, both Uns., at a point from which Cor. Nos. 4 and 3, respectively, identical with Cor. No. 3, South Red Mountain No. 1 lode, Uns., bears S. 62°10'50" W., 111.9 ft. dist.
85.	Road, 12 ft. wide, bears N. 5° W., and S. 45° W.

FEET	
120.	Gulch, 5 ft. wide, course N. 15° W.
273.86	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 4 bears S. 62°10'50" W., 29.99 ft. dist.
1460.	Road, 12 ft. wide, bears N. 35° E., and S. 35° W.
1488.55	Cor. No. 3, identical with Cor. No. 4, 2 and 3, Andes No. 2, Gem No. 2, and Gem No. 1 lodes, respectively, Uns. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RQ2-3-4767. Thence N. 38°30'55" E.
80.	Gulch, 7 ft. wide, course S. 75° W.
100.	Road, 12 ft. wide, bears N. 15° W., and S. 15° E.
260.	Road, 12 ft. wide, bears N. 70° E., and S. 70° W.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
315.	Road, 12 ft. wide, bears N. 5° W., and S. 5° E.
505.	Road, 12 ft. wide, bears N. 77° W. and S. 77° E.
600.00	Cor. No. 4, identical with Cor. No. 3 of the Red Castle No. 3 lode of this survey, and with Cor. Nos. 2 and 3, Gem No. 1 and Andes No. 1 lodes, respectively, both Uns. Thence S. 51°29'05" E.
1477.64	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 4 bears S. 62°10'50" W., 685.08 ft. dist.
1488.55	Cor. No. 1, and place of beginning.
	RED CASTLE NO. 8 LODE
	Beginning at Cor. No. 1 of the Red Castle No. 8 lode, identical with Cor. Nos. 1, 1 and 1 of the Red Castle No. 9, Red Castle No. 3, and Red Castle No. 5 lodes, respectively, of this survey; from which The 1/2 sec. cor. of secs. 19 and 20, bears S. 2°17'30" W., 295.04 ft. dist., heretofore described. Cor. No. 1, Aagh No. 7 lode, Uns., bears S. 76°19'40" E., 348.44 ft. dist.

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FEET	
	<p>Cor. No. 2, Aagh.No. 7 lode, identical with Cor. No. 1, South Red Mountain No. 2 lode, both Uns., bears S. 59°48'20" E., 493.17 ft. dist.</p> <p>Thence N. 38°30'55" E.</p>
2.32	Intersect line 1-2, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. 0°07'10" E., 187.08 ft. dist.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
325.	Road, 12 ft. wide, bears N. 70° W., and S. 70° E.
375.	Aztec Gulch, 7 ft. wide, course N. 65° W.
530.94	Intersect line 2-3, Hank No. 2 lode, common with line 4-1, Hank No. 1 lode, both Uns., at a point from which Cor. Nos. 2 and 1, respectively, bears S. 89°52'50" W., 330.04 ft. dist.
600.00	<p>Cor. No. 2, identical with Cor. No. 4 of the Red Castle No. 5 lode of this survey, and with Cor. No. 3, Fox No. 4 lode, Uns.; from which</p> <p>Cor. No. 1, Hope No. 4 lode, Uns., bears S. 14°43'45" E., 676.73 ft. dist.</p> <p>Thence S. 51°29'05" E.</p>
86.41	Intersect line 4-1, Hank No. 1 lode, common with 2-3, Hank No. 2 lode, both Uns., at a point from which Cor. Nos. 1 and 2, respectively, bears S. 89°52'50" W., 440.66 ft. dist.
719.66	Intersect line 1-2, Hope No. 4 lode, Uns., at a point from which Cor. No. 1 bears S. 62°10'50" W., 442.14 ft. dist.
1047.41	Intersect line 4-1, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. 89°52'50" W., 1191.35 ft. dist.
1374.75	Intersect line 3-4, Hope No. 4 lode, common with line 1-2, Charlotte lode, both Uns., at a point from which Cor. No. 4, Hope No. 4 lode, on line 1-2, Charlotte lode, bears S. 62°10'50" W., 704.3 ft. dist.
1500.00	<p>Cor. No. 3.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC8-3-4767; from which</p> <p>Cor. No. 2, Charlotte lode, identical with Cor. No. 1, Hope No. 3 lode, both Uns., and on line 3-4, Hope No. 4 lode, Uns., bears N. 23°54'45" E., 185.23 ft. dist.</p>

FEET	
	Cor. No. 4, Hank No. 2 lode, Uns., bears N. 10°24'50" W., 287.2 ft. dist.
	Thence S. 38°30'55" W.
300.00	Lode line; discovery point bears N. 51°29'05" W., 1490.0 ft. dist.
320.	Aztec Gulch, 5 ft. wide at junction. N. branch 3 ft. wide, course N. 70° W. to here; S. branch 3 ft. wide, course N. 25° W. to here; course of combined channels is N. 80° W. below this point.
600.00	Cor. No. 4, identical with Cor. No. 2 of the Red Castle No. 9 lode of this survey. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC8-4-RC9-2-4767. Thence N. 51°29'05" W.
175.	Gulch, 2 ft. wide, course N. 20° E.
310.	Gulch, 2 ft. wide, course N. 30° E.
388.21	Intersect line 1-2, Charlotte lode, common with line 3-4, Hope No. 4 lode, both Uns., at a point from which Cor. No. 4, Hope No. 4 lode, on line 1-2, Charlotte lode, bears S. 62°10'50" W., 49.2 ft. dist.
511.16	Intersect line 4-1, Hope No. 4 lode, Uns., at a point from which Cor. No. 1 bears N. 27°53'40" W., 487.39 ft. dist.
848.59	Intersect line 1-2, South Red Mountain No. 2 lode, Uns., at a point from which Cor. No. 1, identical with Cor. No. 2, Aagh No. 7 lode, Uns., bears N. 27°53'40" W., 178.33 ft. dist.
1043.30	Intersect line 4-1, South Red Mountain No. 2 lode, common with line 2-3, Aagh No. 7 lode, both Uns., at a point from which Cor. Nos. 1 and 2, respectively, bears N. 62°10'50" E., 77.92 ft. dist.
1100.	Gulch, 3 ft. wide, course N. 5° E.
1203.28	Intersect line 4-1, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. 89°52'50" W., 230.33 ft. dist.
1247.96	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 1 bears N. 62°10'50" E., 159.83 ft. dist.
1498.15	Intersect line 1-2, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. 0°07'10" E., 184.1 ft. dist.
1500.00	Cor. No. 1, and place of beginning.

FEET	
	RED CASTLE NO. 9 LODGE
	Beginning at Cor. No. 1 of the Red Castle No. 9 lode, identical with Cor. Nos. 1, 1 and 1 of the Red Castle No. 3, Red Castle No. 5, and Red Castle No. 8 lodes, respectively, of this survey; from which
	The $\frac{1}{4}$ sec. cor. of secs. 19 and 20, bears S. $2^{\circ}17'30''$ W., 295.04 ft. dist., heretofore described.
	Cor. No. 1, Hank No. 2 lode, Uns., bears S. $0^{\circ}34'$ E., 185.26 ft. dist.
	Thence S. $51^{\circ}29'05''$ E.
1.85	Intersect line 1-2, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. $0^{\circ}07'10''$ E., 184.1 ft. dist.
252.04	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 1 bears N. $62^{\circ}10'50''$ E., 159.83 ft. dist.
296.72	Intersect line 4-1, Hank No. 2 lode, Uns., at a point from which Cor. No. 1 bears S. $89^{\circ}52'50''$ W., 230.33 ft. dist.
400.	Gulch, 3 ft. wide, course N. 5° E.
456.70	Intersect line 2-3, Aagh No. 7 lode, common with line 4-1, South Red Mountain No. 2 lode, both Uns., at a point from which Cor. Nos. 2 and 1, respectively, bears N. $62^{\circ}10'50''$ E., 77.92 ft. dist.
651.41	Intersect line 1-2, South Red Mountain No. 2 lode, Uns., at a point from which Cor. No. 2, on line 1-2, Charlotte lode, Uns., bears S. $27^{\circ}53'40''$ E., 421.67 ft. dist.
988.84	Intersect line 4-1, Hope No. 4 lode, Uns., at a point from which Cor. No. 4, on line 1-2, Charlotte lode, Uns., bears S. $27^{\circ}53'40''$ E., 112.61 ft. dist.
1111.79	Intersect line 3-4, Hope No. 4 lode, common with line 1-2, Charlotte lode, both Uns., at a point from which Cor. No. 4, Hope No. 4 lode, on line 1-2, Charlotte lode bears S. $62^{\circ}10'50''$ W., 49.2 ft. dist., and Cor. No. 1, Charlotte lode, identical with Cor. No. 1, South Red Mountain No. 3 lode, Uns., and on line 2-3, South Red Mountain No. 2 lode, Uns., bears S. $62^{\circ}10'50''$ W., 649.2 ft. dist.
1190.	Gulch, 2 ft. wide, course N. 30° E.
1325.	Gulch, 2 ft. wide, course N. 20° E.

FEET		
1500.00	<p>Cor. No. 2, identical with Cor. No. 4 of the Red Castle No. 8 lode of this survey; from which</p> <p>Cor. No. 2, South Red Mountain No. 2 lode, on line 1-2, Charlotte lode, both Uns., bears N. 71°32'40" W., 492.01 ft. dist.</p> <p>Cor. No. 4, Hope No. 4 lode, on line 1-2, Charlotte lode, both Uns., bears N. 57°47'15" W., 410.44 ft. dist.</p> <p>Thence S. 38°30'55" W.</p>	
55.	<p>Road, 12 ft. wide, bears N. 80° W. and S. 80° E.</p>	
300.00	<p>Lode line; discovery point bears N. 51°29'05" W., 1490.0 ft. dist.</p>	
445.	<p>Road, 12 ft. wide, bears N. 55° W. and S. 55° E.</p>	
597.81	<p>Intersect line 3-4, Charlotte lode, common with line 2-3, Elnor lode, both Uns., at a point from which Cor. Nos. 4 and 2 respectively, identical with Cor. No. 3, South Red Mountain No. 4 lode, Uns. and Cor. No. 2, South Red Mountain No. 3 lode, Uns., bears S. 62°10'50" W., 256.67 ft. dist.</p>	
600.00	<p>Cor. No. 3.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-RC9-3-4767; from which</p> <p>Cor. No. 1, Charlotte lode, identical with Cor. No. 1, South Red Mountain No. 3 lode, both Uns., and on line 2-3, South Red Mountain No. 2 lode, Uns., bears N. 51°00'30" W., 648.79 ft. dist.</p> <p>Cor. No. 4, Charlotte lode, identical with Cor. No. 2, Elnor lode, Cor. No. 3, South Red Mountain No. 4 lode, and Cor. No. 2, South Red Mountain No. 3 lode, all Uns., bears S. 62°22'40" W., 254.67 ft. dist.</p> <p>Thence N. 51°29'05" W.</p>	
0.96	<p>Intersect line 2-3, Elnor lode, common with line 3-4, Charlotte lode, both Uns., at a point from which Cor. Nos. 2 and 4, respectively, identical with Cor. No. 3, South Red Mountain No. 4 lode, Uns., and Cor. No. 2, South Red Mountain No. 3 lode, Uns., bears S. 62°10'50" W., 254.28 ft. dist.</p>	
636.40	<p>Intersect line 4-1, Charlotte lode, common with line 1-2, South Red Mountain No. 3 lode, both Uns., at a point from which Cor. Nos. 1 and 1, respectively, and on line 2-3, South Red Mountain No. 2 lode, Uns., bears N. 27°53'40" W., 13.5 ft. dist.</p>	

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FEET	
651.15	Intersect line 4-1, South Red Mountain No. 3 lode, common with line 2-3, South Red Mountain No. 2 lode, both Uns., at a point from which Cor. No. 1, South Red Mountain No. 3 lode, identical with Cor. No. 1, Charlotte lode, Uns., and on line 2-3, South Red Mountain No. 2 lode, bears N. 62°10'50" E., 5.9 ft. dist., and Cor. No. 2, South Red Mountain No. 2 lode, on line 1-2, Charlotte lode, Uns., bears N. 62°10'50" E., 470.85 ft. dist.
1306.27	Intersect line 4-1, South Red Mountain No. 2 lode, common with line 2-3, Aagh No. 7 lode, both Uns., at a point from which Cor. Nos. 1 and 2, respectively, bears N. 62°10'50" E., 733.02 ft. dist.
1500.00	Cor. No. 4, identical with Cor. Nos. 1 and 2 of the Red Castle No. 2 and Red Castle No. 3 lodes, respectively, of this survey. Thence N. 38°30'55" E.
24.90	Intersect line 4-1, Aagh No. 7 lode, Uns., at a point from which Cor. No. 1 bears N. 62°10'50" E., 787.73 ft. dist.
300.00	Lode line; discovery point bears S. 51°29'05" E., 10.0 ft. dist.
600.00	Cor. No. 1, and place of beginning.
Mineral Survey No. 4767	
AREAS	
	Acres
Total area, Red Castle No. 4 lode --	19.361
Area in conflict with --	
Wild Pig No. 7 lode, Uns. -----	0.001
Aagh No. 3 lode, Uns. -----	1.721
Lime Bank No. 4 lode, Uns. -----	0.022
Lime Bank No. 5 lode, Uns. -----	2.547
Aagh No. 19 lode, Uns. -----	1.893
Total area, Red Castle No. 1 lode --	20.661
Area in conflict with --	
Wild Pig No. 4 lode, Uns. -----	2.125
Wild Pig No. 5 lode, Uns. -----	1.233
Wild Pig No. 7 lode, Uns. -----	4.807
Wild Pig No. 7 lode, Uns., exclusive of its conflict with Aagh No. 3 lode, Uns. -----	4.800
Aagh No. 3 lode, Uns. -----	0.050
Aagh No. 3 lode, Uns., exclusive of its conflict with Wild Pig No. 7 lode, Uns. -----	0.043
Total area, Red Castle No. 7 lode --	20.661
Area in conflict with --	

FEET		
	Joco No. 37 lode, Uns. -----	4.377
	Joco No. 37 lode, Uns., exclusive of its conflict with Wild Pig No. 2 lode, Uns. -----	2.811
	Wild Pig No. 2 lode, Uns. -----	8.099
	Wild Pig No. 2 lode, Uns., exclusive of its conflict with Joco No. 37 lode, Uns. -----	6.533
	Wild Pig No. 4 lode, Uns. -----	8.455
	Total area, Red Castle No. 6 lode --	19.361
	Area in conflict with ---	
	Joco No. 37 lode, Uns. -----	0.087
	Joco No. 39 lode, Uns. -----	1.771
	Wild Pig No. 4 lode, Uns. -----	0.000
	Wild Pig No. 2 lode, Uns. -----	0.039
	Total area, Red Castle No. 5 lode --	20.503
	Area in conflict with ---	
	Hank No. 1 lode, Uns. -----	1.713
	Hank No. 2 lode, Uns. -----	1.564
	Total area, Red Castle No. 3 lode --	20.503
	Area in conflict with ---	
	Aagh No. 7 lode, Uns. -----	0.003
	Total area, Red Castle No. 2 lode --	20.503
	Area in conflict with ---	
	Aagh No. 7 lode, Uns. -----	1.836
	South Red Mountain No. 2 lode, Uns. -----	0.126
	Total area, Red Castle No. 8 lode --	20.661
	Area in conflict with ---	
	Hank No. 1 lode, Uns. -----	0.069
	Hank No. 2 lode, Uns. -----	9.189
	Hank No. 2 lode, Uns., exclusive of its conflict with:	
	(1) Hope No. 4 lode, Uns. -----	7.672
	(2) Aagh No. 7 lode, Uns. -----	8.926
	(3) Hope No. 4 lode and Aagh No. 7 lodes, both Uns. -----	7.409
	Hope No. 4 lode, Uns. -----	7.832
	Hope No. 4 lode, Uns., exclusive of its conflict with Hank No. 2 lode, Uns. -----	6.315
	Aagh No. 7 lode, Uns. -----	0.512
	Aagh No. 7 lode, Uns., exclusive of its conflict with Hank No. 2 lode, Uns. -----	0.249
	South Red Mountain No. 2 lode, Uns. -----	0.160
	Charlotte lode, Uns. -----	3.536
	Total area, Red Castle No. 9 lode --	20.661
	Area in conflict with ---	
	Hank No. 2 lode, Uns. -----	0.487
	Hank No. 2 lode, Uns., exclusive of its conflict with Aagh No. 7 lode, Uns. -----	0.459
	Aagh No. 7 lode, Uns. -----	2.816
	Aagh No. 7 lode, Uns., exclusive of its conflict with Hank No. 2 lode, Uns. -----	2.788
	South Red Mountain No. 2 lode, Uns. -----	8.132
	South Red Mountain No. 3 lode, Uns. -----	0.001

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FEET	
	Hope No. 4 lode, Uns. ----- 0.064 Charlotte lode, Uns. ----- 7.157 Elnor lode, Uns. ----- 0.000
	LOCATION This survey is located in secs. 18, 19, and 20 of T. 22 S., R. 16 E., G. & S. R. M., Arizona. The survey of the Red Castle No. 1 through 9 lodes is identical with the respective location or amended location as marked on the ground.
	EXPENDITURES The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:
No. 1	The discovery point of the Red Castle No. 4 lode, being on the lode line 10 ft. from the center of line 4-1. No value.
No. 1	The discovery point of the Red Castle No. 1 lode, being on the lode line 10 ft. from the center of line 1-2. No value.
No. 1	The discovery point of the Red Castle No. 7 lode, being on the lode line 10 ft. from the center of line 3-4. No value.
No. 1	The discovery point of the Red Castle No. 6 lode, being on the lode line 10 ft. from the center of line 4-1. No value.
No. 1	The discovery point of the Red Castle No. 5 lode, being on the lode line 10 ft. from the center of line 2-3. No value.
No. 1	The discovery point of the Red Castle No. 3 lode, being on the lode line 13 ft. from the center of line 3-4. No value.
No. 1	The discovery point of the Red Castle No. 2 lode, being on the lode line 10 ft. from the center of line 3-4. No value.
No. 1	The discovery point of the Red Castle No. 8 lode, being on the lode line 10 ft. from the center of line 1-2. No value.

FEET		
<p>No. 1</p>	<p>The discovery point of the Red Castle No. 9 lode, being on the lode line 10 ft. from the center of line 4-1. No value.</p> <p>An interest in common improvements described as follows:</p> <p>A surface drilling program designed to locate a subsurface ore body within the boundaries of the claims of this survey and the contiguous claims owned in common. Drilling completed at the time of the survey is as follows:</p> <p>A vertical diamond drill hole, No. 139; 4 ins. diam. at the collar, 5188 ft. deep, the center of which bears N. 6°15'55" E., 288 ft., from Cor. No. 4, Red Castle No. 8 lode. Value, \$85,000.</p> <p>A vertical diamond drill hole, No. 145; 4 ins. diam. at the collar, 4924 ft. deep, the center of which bears S. 0°26'20" E., 377 ft., from Cor. No. 2, Red Castle No. 8 lode. Value, \$72,000.</p> <p>A vertical diamond drill hole, No. 149; 4 ins. diam. at the collar, 5179 ft. deep, the center of which bears S. 87°13'05" W., 165 ft., from Cor. No. 2, Red Castle No. 9 lode. Value, \$75,000.</p> <p>A vertical diamond drill hole, No. 153; 4 ins. diam. at the collar, 2020 ft. deep, the center of which bears N. 15°59'55" E., 137 ft., from Cor. No. 3, Red Castle No. 9 lode. Value, \$29,000.</p> <p>Value of drill holes: \$261,000. Value of one-ninth interest: \$29,000.</p> <p>These improvements are in the course of construction for the development of the nine lodes of this survey, which are all contiguous lode claims owned in common within the range of benefit of said drilling.</p> <p>Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed. Therefore, an undivided one-ninth interest in its value is hereby credited to each of the said lodes of the common group.</p> <p>No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.</p>	

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FEET

OTHER IMPROVEMENTS

A tunnel, 4 x 5 ft. in size, the portal of which bears S. 57°46' W.; 672 ft. from Cor. No. 2, Red Castle No. 1 lode; runs S. 44° W., 38 ft. to breast.

Claimant unknown.

An open cut 6 ft. wide, the face of which bears N. 89°21' W., 840 ft. from Cor. No. 2, Red Castle No. 6 lode; runs N. 12° W., 12 ft. to 9 ft. face.

Claimant unknown.

A tunnel, 5 x 8 ft. in size, the portal of which bears N. 86°49' W., 445 ft. from Cor. No. 4, Red Castle No. 5 lode; runs N. 87° E., 10 ft. to breast.

Claimant unknown.

A tunnel, 5 x 6 ft. in size, the portal of which bears S. 75° W., 316 ft. from Cor. No. 4, Red Castle No. 5 lode; runs N. 16° E., 24 ft. to breast.

Claimant unknown.

A tunnel, 5 x 6 ft. in size, the portal of which bears N. 85°16' W., 373 ft. from Cor. No. 1, Red Castle No. 2 lode; runs N. 60° E., 24 ft. to breast.

Claimant unknown.

A tunnel, 5 x 6 ft. in size, the portal of which bears S. 17°09' E., 347 ft. from Cor. No. 2, Red Castle No. 8 lode; runs N. 57° E., 15 ft. to breast.

Claimant unknown.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Lime Bank No. 3 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly endline bears S. 75°52'40" E. The Easterly sideline bears S. 0°13'30" E.

Aagh No. 3 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly sidelines bear S. 75°52'40" E. The Easterly endline bears N. 14°07'20" E., 238.44 ft. dist.

Wild Pig No. 7 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly sidelines bear N. 89°52'50" E. The Easterly endline bears N. 0°13'30" W., 600.0 ft. dist.

Wild Pig No. 5 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly sidelines bear N. 89°52'50" E. The Easterly endline bears N. 0°13'30" W., 600.0 ft. dist.

FEET

Aagh No. 2 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly endlines bear S. 51°29'05" E. The Easterly sideline bears N. 38°30'55" E., 750.0 ft. dist.

Wild Pig No. 4 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly sidelines bear N. 89°52'50" E., 1500.0 ft. dist. The Easterly and Westerly endlines bear N. 0°07'10" W., 600.0 ft. dist.

Wild Pig No. 2 lode, Uns.: All cors. are 5/8 in. diam., iron pins, stone mounds alongside. The Northerly and Southerly sidelines bear N. 89°52'50" E., 1500.0 ft. dist. The Easterly endline bears N. 0°07'10" W., 600.0 ft. dist.

Note concerning the following unsurveyed lode locations. All of these claim lodes are presently being surveyed by me under order for Mineral Survey No. 4771. Since corner numbers have already been assigned, I have elected to refer to such corners by corner number rather than by general location. All cors. are 5/8 in. diam., iron pins, stone mounds alongside. Due to the fact that this survey has not been approved, I have referred to these said lodes as unsurveyed. At the time of this survey, conditions were as follows:

Lime Bank No. 4 lode, Uns.: All cors. are in place. Line 1-2 bears S. 75°52'40" E., 600.0 ft. dist., lines 2-3 and 4-1 bear N. 0°13'30" W.

Lime Bank No. 5 lode, Uns.: All cors. are in place. Line 1-2 bears S. 75°52'40" E., 600.0 ft. dist., lines 2-3 and 4-1 bear N. 0°13'30" W.

Aagh No. 19 lode, Uns.: All cors. are in place. Line 1-2 bears S. 75°52'40" E., 600.0 ft. dist., lines 2-3 and 4-1 bear N. 0°13'30" W.

Terry No. 1 lode, Uns.: All cors. are in place. Lines 2-3 and 4-1 bear S. 51°29'05" E., line 3-4 bears N. 38°30'55" E., 600.0 ft. dist.

Andes No. 2 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear N. 38°30'55" E., line 2-3 bears N. 51°29'05" W., line 4-1 bears S. 51°29'05" E., 1488.55 ft. dist.

Gem No. 2 lode, Uns.: All cors. are in place. Line 1-2 bears S. 51°29'05" E., line 2-3 bears S. 38°30'55" W., line 3-4 bears N. 51°29'05" W., 1405.58 ft. dist., line 4-1 bears N. 38°30'55" E., 600.0 ft. dist.

Gem No. 1 lode, Uns.: All cors. are in place. Line 1-2 bears S. 51°29'05" E., 1405.58 ft. dist., lines 2-3 and 4-1 bear N. 38°30'55" E., 600.0 ft. dist., line 3-4 bears N. 51°29'05" W.

Andes No. 1 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear S. 51°29'05" E., 1405.58 ft. dist., lines 2-3 and 4-1 bear N. 38°30'55" E., 600.0 ft. dist.

FEET

Joco No. 37 lode, Uns.: All cors. are in place. Line 3-4 bears S. $0^{\circ}07'10''$ E., line 4-1 bears S. $89^{\circ}52'50''$ W., 1500.0 ft. dist.

Joco No. 38 lode, Uns.: All cors. are in place. Line 1-2 bears S. $89^{\circ}52'50''$ W., line 2-3 bears N. $0^{\circ}07'10''$ W.

Joco No. 39 lode, Uns.: All cors. are in place. Lines 2-3 and 4-1 bear N. $89^{\circ}52'50''$ E., line 3-4 bears N. $0^{\circ}07'10''$ W., 600.0 ft. dist.

Fox No. 2 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear N. $38^{\circ}30'55''$ E., line 4-1 bears N. $51^{\circ}29'05''$ W., 1405.58 ft. dist.

Fox No. 4 lode, Uns.: All cors. are in place. Lines 2-3 and 4-1 bear N. $38^{\circ}30'55''$ E., line 3-4 bears N. $51^{\circ}29'05''$ W., 1488.55 ft. dist.

Hank No. 1 lode, Uns.: All cors. are in place. Line 1-2 bears N. $0^{\circ}07'10''$ W., line 4-1 bears S. $89^{\circ}52'50''$ W.

Hank No. 2 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear N. $0^{\circ}07'10''$ W., 600.0 ft. dist., line 2-3 bears N. $89^{\circ}57'50''$ E., line 4-1 bears S. $89^{\circ}52'50''$ W., 1493.56 ft. dist.

Hope No. 4 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear N. $62^{\circ}10'50''$ E., line 4-1 bears N. $27^{\circ}53'40''$ W., 600.0 ft. dist.

Hope No. 3 lode, Uns.: All cors. are in place. Line 1-2 bears N. $62^{\circ}10'50''$ E., line 4-1 bears N. $27^{\circ}53'40''$ W.

Charlotte lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear N. $62^{\circ}10'50''$ E., 1500.0 ft. dist., line 2-3 bears S. $27^{\circ}53'40''$ E., line 4-1 bears N. $27^{\circ}53'40''$ W., 595.5 ft. dist.

Elnor lode; Uns.: All cors. are in place. Line 1-2 bears N. $27^{\circ}53'40''$ W., line 2-3 bears N. $62^{\circ}10'50''$ E.

South Red Mountain No. 4 lode, Uns.: All cors. are in place. Line 2-3 bears N. $62^{\circ}10'50''$ E., line 3-4 bears S. $27^{\circ}53'40''$ E.

South Red Mountain No. 3 lode, Uns.: All cors. are in place. Line 1-2 bears S. $27^{\circ}53'40''$ E., 595.5 ft. dist., lines 2-3 and 4-1 bear N. $62^{\circ}10'50''$ E.

South Red Mountain No. 2 lode, Uns.: All cors. are in place. Line 1-2 bears S. $27^{\circ}53'40''$ E., 600.0 ft. dist., lines 2-3 and 4-1 bear N. $62^{\circ}10'50''$ E., 1500.0 ft. dist., line 3-4 bears N. $27^{\circ}53'40''$ W.

Aagh No. 7 lode, Uns.: All cors. are in place. Lines 1-2 and 3-4 bear S. $27^{\circ}53'40''$ E., 187.44 ft. dist., lines 2-3 and 4-1 bear N. $62^{\circ}10'50''$ E., 1500.0 ft. dist.

South Red Mountain No. 1 lode, Uns.: All cors. are in place. Line 2-3 bears N. $62^{\circ}10'50''$ E., line 3-4 bears S. $27^{\circ}53'40''$ E.

The line bet. the $\frac{1}{2}$ sec. cor. of secs. 18 and 19 and the cor. of secs. 17, 18, 19 and 20 bears S. $89^{\circ}48'49''$ E., 2685.87 ft. dist., instead of N. $89^{\circ}58'$ E., 2640.0 ft. dist., as approved. The line bet. the cor. of secs. 17, 18, 19 and 20

FEET

and the $\frac{1}{4}$ sec. cor. of secs. 19 and 20 bears
S. 0°02'53" E., 2664.23 ft. dist. instead of
S. 0°02' E., 2640.0 ft. dist., as approved.

FIELD ASSISTANTS

Hoyd J. Patty	Instrumentman
Stephen L. Patty	Chainman
Thomas S. Woods	Chainman
Robert E. Rogers	Chainman
Stephen W. Dale	Flagman
Bruce Schreiber	Axeman

FEET		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

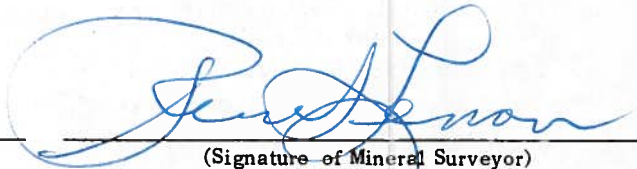
Name of Mineral Surveyor ROBERT LENON	Date July 8, 1974
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I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated November 14, 1973, I have carefully executed the survey of the claim of James A. Yanez, et al. known as the (lode, placer, or mill site) Red Castle Nos. 1 thru 9 situated in Secs. 18, 19 and 20 Range 16 E., Gila and Salt River Meridian, in the State of Arizona, Township 22 S.

This survey, designated as number 4767, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Red Castle Group location(s) embraced in the said mining claim by claimant(s) or James A. Yanez, et al grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Patagonia, Arizona
(Location)


(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date January 14, 1976

The foregoing field notes of mineral survey number 4767, in Section 18, 19 & 20, Range 16 E., Gila and Salt River Meridian, in the State of Arizona, Township 22 S., executed by Robert Lenon, Mineral Surveyor, under order dated November 14, 1973, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.


(Authorized Signature)
Boyd S. Owens

Chief, Branch of Cadastral Survey
(Title)

CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number is a true copy of the original field notes.

(Authorized Signature)

(Title)

Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF TEXAS
COUNTY OF [illegible]
[illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]