

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4540

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

R. J. EDWARDS

Known As The

ZIG ZAG NOS. 1 thru 4 and ZIG ZAG 5

Owl Head Mining District,

Pinal County, Arizona

Section 18, Township 6 South, Range 11 East

Surveyed under order dated August 12, 1960

by Robert Lenon
Mineral Surveyor.

Claim located May 23, 1952

Survey commenced August 15, 1960

Survey completed September 10, 1960

Address of claimant 435 Florence Avenue
Coolidge, Arizona

DATES OF AMENDED LOCATIONS

None

Feet

This survey was made with a Bausch and Lomb Precise Transit, No. 9259, with horizontal limb $5\frac{1}{2}$ ins. diam., having two single opposite verniers, and full vertical circle, $4\frac{1}{4}$ ins. diam., having two double opposite verniers, all verniers reading to one minute of arc; the eyepiece is equipped with a colored glass set in the dust shutter 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 determined by the method of double horizontal angles referred to the meridian determined by the following observations:

August 23, 1960, at Cor. No. 2, Zig Zag No. 1 lode, in latitude $32^{\circ} 55'$ N., and longitude $111^{\circ} 15'$ 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. 3, Zig Zag No. 1 lode, 1100 ft. N'ly, E'ly to the sun.

	(1)	(2)
Mean time of observation, 105th meridian standard time:	8 ^h 06 ^m a.m.	8 ^h 08 ^m a.m.
Declination of sun at mean time of observation:	11° 18' 30" N.	
Mean observed vertical angles to sun's center:	28° 45'	29° 16'
Mean horizontal angles from ref- erence point to sun's center:	109° 27' 30"	109° 48' 30"
True bearing to reference point:	N. 14° 23' W.	

The lines were measured with a Lufkin steel tape, 500 ft. in length, graduated every foot, with the end feet graduated to tenths and hundredths; and a Chicago steel tape, 300 ft. in length, graduated every foot, with the end feet graduated to tenths; both tapes were 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 $14^{\circ} 00'$ E.

ZIG ZAG NO. 1 LODGE

At Cor. No. 1 of the Zig Zag No. 1 lode, identical with Cor. No. 3 of the Zig Zag No. 4 lode, identical with Cor. No. 4 of the Zig Zag No. 2 lode, both of this survey.

Set a galvanized iron pipe 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-1-1, ZZ-4-3, ZZ-2-4-4540, and a stone mound alongside, from which

The NW cor. of Sec. 18, T. 6 S., R. 11 E., G&SR Mer., bears N. $27^{\circ} 35' 33''$ W., 3276.67 ft. dist; an iron pipe, 30 ins. long, 2 ins. in diam., 18 ins. in the ground, firmly set and properly marked.

Thence N. $75^{\circ} 37'$ E.

180.00 Road, 15 ft. wide, bears N. 30° W. and S. 30° E.

Chains Feet	
300.00	Lode line; discovery point bears S. 14° 23' E., 2 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 3 of the Zig Zag No. 2 lode and falling on line 4-1 of the Zig Zag 5 lode, both of this survey. Set an iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-1-2, ZZ-2-3-4540, and a stone mound alongside. Thence S. 14° 23' E.
90.00	Road, 10 ft. wide, bears S. 70° W. and N. 70° E.
150.00	Gulch, 15 ft. wide, course S. 65° W.
190.00	Gulch, 20 ft. wide, course S. 75° W.
400.00	Cor. No. 4 of the Zig Zag 5 lode of this survey.
415.00	Gulch, 10 ft. wide, course N. 35° W.
1500.00	Cor. No. 3. Set a galvanized iron pipe 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-1-3-4540, and a mound of stone alongside. Thence S. 75° 37' W.
300.00	Lode line; discovery point bears N. 14° 23' W., 1498.00 ft. dist.
565.00	Gulch, 10 ft. wide, course N. 55° W.
600.00	Cor. No. 4. Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-1-4-4540, and a mound of stone alongside. Thence N. 14° 23' W.
47.00	Gulch, 10 ft. wide, course N. 55° W.
94.00	Gulch, 4 ft. wide, course S. 65° W.
257.00	Gulch, 3 ft. wide, course S. 70° W.
600.00	Gulch, 5 ft. wide, course N. 85° W. to this point and N. 35° W. below this point.
793.00	Gulch, 2 ft. wide, course west.
1065.00	Gulch, 20 ft. wide, course west to this point and N. 75° W. below this point.
1254.00	Gulch, 3 ft. wide, course N. 45° W.
1312.00	Gulch, 10 ft. wide, course S. 80° W.
1344.00	Gulch, 10 ft. wide, course S. 45° W.
1384.00	Gulch, 12 ft. wide, course N. 75° W.

Chains Feet	
1429.00	Gulch, 12 ft. wide, course N. 60° W.
1500.00	Cor. No. 1 and place of beginning.
ZIG ZAG NO. 2 LODE	
	At Cor. No. 1 of the Zig Zag No. 2 lode, identical with the Cor. No. 2 of the Zig Zag No. 4 lode and identical with Cor. No. 4 of the Zig Zag No. 3 lode, both of this survey.
	Set a galvanized iron pipe 24 ins. long, 1½ ins. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-2-1, ZZ-4-2, ZZ-3-4-4540, and with a mound of stone alongside, from which
	The NW cor. of sec. 18, T. 6 S., R. 11 E. bears N. 38° 16' 53" W., 1848.39 ft. dist., previously described.
	Thence N. 75° 37' E.
300.00	Lode line; discovery point bears S. 14° 23' E., 1498.00 ft. dist.
600.00	Cor. No. 2, falling on line 2-3 of the Zig Zag No. 3 lode of this survey.
	Set an iron pipe, 24 ins. long, 1½ in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-2-2-4540, and a mound of stone alongside.
	Thence S. 14° 23' E.
127.00	Gulch, 4 ft. wide, course N. 65° W.
152.20	Cor. No. 3 of the Zig Zag No. 3 lode of this survey.
206.00	Gulch, 2 ft. wide, course S. 40° W.
235.00	Gulch, 8 ft. wide, course S. 50° W.
283.00	Gulch, 6 ft. wide, course S. 45° W.
307.00	Gulch, 10 ft. wide, course S. 60° W.
356.00	Gulch, 6 ft. wide, course S. 45° W.
386.00	Gulch, 4 ft. wide, course N. 60° W.
400.00	Cor. No. 1 of the Zig Zag 5 lode of this survey.
407.00	Gulch, 2 ft. wide, course N. 60° W.
523.00	Gulch, 10 ft. wide, course N. 70° W.
1500.00	Cor. No. 3, identical with Cor. No. 2 of the Zig Zag No. 1 lode and falling on line 4-1 of the Zig Zag 5 lode, both of this survey, previously described.
	Thence S. 75° 37' W.
300.00	Lode line; discovery point bears N. 14° 23' W., 2.00 ft. dist.
420.00	Road, 15 ft. wide, bears N. 30° W. and S. 30° E.
600.00	Cor. No. 4, identical with Cor. No. 1 of the Zig Zag No. 1 lode, and identical with Cor. No. 3 of the Zig Zag No. 4 lode, both of this survey, previously described.

CHAINS Feet		
		Thence N. 14° 23' W.
950.00	Road, 15 ft. wide, bears N. 50° W. and S. 50° E.	
1114.00	Road, 15 ft. wide, bears N. 60° W. and S. 60° E.	
1255.00	Gulch, 10 ft. wide, course S. 60° W.	
1350.00	Gulch, 15 ft. wide, course S. 45° W.	
1391.00	Road, 15 ft. wide, bears S. 70° W. and N. 70° E.	
1500.00	Cor. No. 1 and place of beginning.	
	ZIG-ZAG NO. 3 LODGE	
	At Cor. No. 1 of the Zig Zag No. 3 lode, falling on the north line of Sec. 18, T. 6 S., R. 11 E.	
	Set a galvanized iron pipe, 24 ins. long, 1½ ins. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-3-1-4540, and a mound of stone alongside, from which	
	The NW cor. of Sec. 18, T. 6 S., R. 11 E., bears S. 89° 51' W., 772.5 ft. dist., previously described.	
	Thence N. 89° 51' E.	
309.5	Lode line; discovery point bears S. 14° 23' E., 1500.0 ft. dist.	
619.0	Cor. No. 2 on the north line of Sec. 18.	
	Set a galvanized iron pipe, 24 ins. long, 1½ ins. diam., 18 ins. in the ground, with a brass cap mkd. ZZ-3-2-4540, and a mound of stone alongside.	
	Thence S. 14° 23' E.	
534.00	Gulch, 10 ft. wide, course N. 75° W.	
897.00	Gulch, 6 ft. wide, course S. 75° W.	
1347.8	Cor. No. 2 of the Zig Zag No. 2 lode of this survey, previously described.	
1475.00	Gulch, 4 ft. wide, course N. 65° W.	
1500.00	Cor. No. 3, falling on line 2-3 of the Zig Zag No. 2 lode of this survey.	
	Set a galvanized iron pipe 24 ins. long, 1½ ins. diam., 18 ins. in the ground, with a brass cap mkd. ZZ-3-3-4540, and a stone mound alongside.	
	Thence S. 89° 51' W.	
309.5	Lode line and discovery point.	
425.00	Gulch, 10 ft. wide, course S. 60° W.	
619.0	Cor. No. 4, identical with Cor. No. 1 of the Zig Zag No. 2 lode and identical with Cor. No. 2 of the Zig Zag No. 4 lode, both of this survey, previously described.	

Survey No. 4540

5

Chains Feet	
	Thence N. 14° 23' W.
853.00	Gulch, 3 ft. wide, course N. 80° W.
915.00	Gulch, 2 ft. wide, course west.
1500.00	Cor. No. 1 and place of beginning.
	ZIG ZAG NO. 4 LODE
	At Cor. No. 1 of the Zig Zag No. 4 lode.
	Set a galvanized iron pipe 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-4-1-4540, and a stone mound alongside, from which
	The NW cor. of Sec. 18, T. 6 S., R. 11 E., G&SR Mer., bears N. 19° 24' 55" W., 1696.46 ft. dist., previously described.
	Thence N. 75° 37' E.
300.00	Lode line; discovery point bears S. 14° 23' E., 750.0 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 1 of the Zig Zag No. 2 lode and identical with Cor. No. 1 of the Zig Zag No. 3 lode, both of this survey, previously described.
	Thence S. 14° 23' E.
109.00	Road, 15 ft. wide, bears S. 70° W. and N. 70° E.
150.00	Gulch, 15 ft. wide, course S. 45° W.
245.00	Gulch, 10 ft. wide, course S. 60° W.
356.00	Road, 15 ft. wide, bears N. 60° W. and S. 60° E.
550.00	Road, 15 ft. wide, bears N. 50° W. and S. 50° E.
1500.00	Cor. No. 3, identical with Cor. No. 4 of the Zig Zag No. 2 lode and identical with Cor. No. 1 of the Zig Zag No. 1 lode, both of this survey, previously described.
	Thence S. 75° 37' W.
105.00	Enter Gulch, 15 ft. wide, course N. 75° W.
145.00	Leave gulch, 15 ft. wide, course S. 40° W.
300.00	Lode line; discovery point bears N. 14° 23' W., 750 ft. dist.
600.00	Cor. No. 4.
	Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-4-4-4540, and a mound of stone alongside.
	Thence N. 14° 23' W.
657.00	Gulch, 3 ft. wide, course N. 65° W.
905.00	Gulch, 14 ft. wide, course S. 85° W.
1090.00	Gulch, 2 ft. wide, course S. 50° W.

Feet		Feet
1350.00	Road, 15 ft. wide, bears S. 75° W. and N. 75° E.	825.00
1500.00	Cor. No. 1 and place of beginning.	1500.00
ZIG ZAG 5 LODGE		
At Cor. No. 1 of the Zig Zag 5 lode, falling on line 2-3 of the Zig Zag No. 2 lode of this survey.		
Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-5-1-4540, and a mound of stone alongside, from which		
The NW cor. of Sec. 18, T. 6 S., R. 11 E., G&SR Mer., bears N. 47° 13' 15" W., 2487.38 ft. dist., previously described.		
Thence N. 75° 37' E.		
142.00	Gulch, 2 ft. wide, course N. 80° W.	380.00
260.00	Gulch, 4 ft. wide, course S. 50° W.	640.00
300.00	Lode line; discovery point bears S. 14° 23' E., 750.00 ft. dist.	1040.00
482.00	Gulch, 6 ft. wide, bears N. 50° W.	1522.00
600.00	Cor. No. 2.	2122.00
Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-5-2-4540, with a mound of stone alongside, from which		
A palo verde, 10 ins. diam., bears N. 88° 30' W., 34.5 ft. dist., mkd. X-BT-4540.		
Thence S. 14° 23' E.		
190.00	Gulch, 2 ft. wide, course S. 70° W.	2212.00
302.00	Gulch, 2 ft. wide, course N. 65° W.	2514.00
460.00	Gulch, 6 ft. wide, course S. 80° W.	2974.00
817.00	Gulch, 15 ft. wide, course N. 65° W.	3791.00
842.00	Gulch, 10 ft. wide, course N. 85° W.	4633.00
892.00	Gulch, 5 ft. wide, course West.	5525.00
1082.00	Road, 10 ft. wide, bears S. 70° W. and N. 70° E.	6607.00
1175.00	Gulch, 15 ft. wide, course S. 70° W.	7782.00
1430.00	Gulch, 60 ft. wide, course S. 75° W.	8912.00
1500.00	Cor. No. 3.	10412.00
Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, a brass cap mkd. ZZ-5-3-4540, with a mound of stone alongside.		

Survey No. 4540

7

Feet	
	Thence S. 75° 37' W.
300.00	Lode line; discovery point bears N. 14° 23' W., 750.00 ft. dist.
600.00	Cor. No. 4, falling on line 2-3 of the Zig Zag No. 1 lode of this survey.
	Set a galvanized iron pipe, 24 ins. long, 1 in. in diam., 18 ins. in the ground, with a brass cap mkd. ZZ-5-4-4540, with a mound of stone alongside.
	Thence N. 14° 23' W.
210.00	Gulch, 20 ft. wide, course S. 75° W.
250.00	Gulch, 15 ft. wide, course S. 65° W.
310.00	Road, 10 ft. wide, bears S. 70° W. and N. 70° E.
400.00	Cor. No. 2 of the Zig Zag No. 1 lode, identical with Cor. No. 3 of the Zig Zag No. 2 lode, both of this survey, previously described.
1377.00	Gulch, 10 ft. wide, course N. 70° W.
1493.00	Gulch, 2 ft. wide, course N. 60° W.
1500.00	Cor. No. 1 and place of beginning.

AREAS

Acres

Total area, Zig Zag No. 1 lode	20.661
Total area, Zig Zag No. 2 lode	20.661
Area in conflict with Zig Zag No. 3 lode of this survey	1.048
Total area, Zig Zag No. 3 lode	20.661
Total area, Zig Zag No. 4 lode	20.661
Total area, Zig Zag No. 5 lode	20.661

LOCATION

This survey is located in NE $\frac{1}{4}$, NW $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ of Sec. 18 of T. 6 S., R. 11 E., G&SR Mer., Arizona.

The survey of the Zig Zag No. 1, Zig Zag No. 2, Zig Zag No. 3, Zig Zag No. 4 and Zig Zag No. 5 lodes is identical with the respective lode locations as marked on the ground. All corners are identical with corners of the locations.

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 claims by the claimant are as follows:

No. 1	The discovery point of the Zig Zag No. 1 lode is on the lode line 2 ft. from the center of line 1-2. No value.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 1° 30' E., 560 ft. from Cor. No. 2, Zig Zag No. 1 lode. Value, \$100.

CHADAK

- No. 3 A dozer cut, 7 ft. wide, 5 ft. deep, the west end of which bears N. 76° E., 315 ft. from Cor. No. 1, Zig Zag No. 1 lode, runs N. 76° E., 15 ft.
Value, \$300.
- No. 1 The discovery point of the Zig Zag No. 2 lode is on the lode line 2 ft. from the center of line 3-4.
No value.
- No. 2 A cut, 6 ft. wide, the face of which bears N. 42° E., 360 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs S. 15° E., 115 ft. to 35-foot face.
Value, \$5900.
- No. 3 A trench, 5 ft. wide, 10 ft. deep, the south end of which bears N. 42° E., 360 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 15° W., 40 ft.
Value, \$1000.
- No. 4 A cut, 7 ft. wide, the face of which bears N. 42° E., 360 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 20° E., 25 ft. to 8-foot face.
Value, \$350.
- No. 5 A shaft, 4 x 8 ft., 6 ft. deep, the center of which bears N. 56° W., 370 ft. from Cor. No. 3, Zig Zag No. 2 lode.
Value, \$90.
- No. 6 A trench, 3 ft. wide, 4 ft. deep, the south end of which bears N. 36° E., 500 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 20° W., 180 ft.
Value, \$1080.
- No. 7 A well, 10 in. casing, 100 ft. deep, the center of which bears N. 60° E., 60 ft. from Cor. No. 4, Zig Zag No. 2 lode.
Value, \$300.
- No. 8 A cut, 6 ft. wide, the face of which bears N. 16° E., 720 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 27° W., 80 ft. to 30-foot face.
Value, \$3600.
- No. 9 A trench, 4 ft. wide, 3 ft. deep, the east end of which bears N. 24° W., 740 ft. from Cor. No. 3, Zig Zag No. 2 lode, runs N. 74° W., 30 ft.
Value, \$180.
- No. 10 A trench, 4 ft. wide, 3 ft. deep, the east end of which bears N. 5° E., 875 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs S. 83° W., 20 ft.
Value, \$120.
- No. 11 A shaft, 6 x 6 ft., 5 ft. deep, the center of which bears N. 5° E., 860 ft. from Cor. No. 4, Zig Zag No. 2 lode.
Value, \$90.
- No. 12 A trench, 4 ft. wide, 3 ft. deep, the east end of which bears N. 4° E., 850 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs East 15 ft.
Value, \$90.
- No. 13 A trench, 4 ft. wide, 4 ft. deep, the north end of which joins the center of expenditure No. 12, runs south 10 ft. The north end of said trench bears N. 5° E., 850 ft. from Cor. No. 4, Zig Zag No. 2 lode.
Value, \$75.

~~XXXXXX~~

- No. 14 A cut, 4 ft. wide, the face of which bears N. 16° E., 570 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 15° W., 140 ft. to 35-foot face.
Value, \$4900.
- No. 15 A cut, 8 ft. wide, the face of which bears N. 10° E., 690 ft. from Cor. No. 4, Zig Zag No. 2 lode, runs N. 75° E., 15 ft. to 8-foot face.
Value, \$240.
- No. 16 A cut, 3 ft. wide, the face of which bears N. 40° W., 280 ft. from Cor. No. 3, Zig Zag No. 2 lode, runs S. 5° E., 80 ft. to 25-ft. face.
Value, \$1500.
- No. 1 The discovery point of the Zig Zag No. 3 lode is at the center of line 3-4.
No value.
- No. 2 A shaft, 8 x 6 ft., 8 ft. deep, the center of which bears N. 80° E., 260 ft. from Cor. No. 4, Zig Zag No. 3 lode.
Value, \$190.
- No. 1 The discovery point of the Zig Zag No. 4 lode is on the lode line 750 ft. from the center of line 1-2.
No value.
- No. 2 A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 35° W., 645 ft. from Cor. No. 3, Zig Zag No. 4 lode.
Value, \$100.
- No. 1 The discovery point of the Zig Zag 5 lode is on the lode line 750 ft. from the center of line 1-2.
No value.
- No. 2 A shaft, 5 x 6 ft., 8 ft. deep, the center of which bears N. 33° W., 640 ft. from Cor. No. 3, Zig Zag 5 lode.
Value, \$120.

An interest in a common improvement described as follows:

A shaft, 4 by 10 ft. in size, the center of which bears N. 21° E., 625 ft. from Cor. No. 4, Zig Zag No. 2 lode, 100 ft. in depth, with 100 ft. of drifting on the vein at the 70-foot level.

Value of shaft and drifts, \$5000.

Value of one-fifth interest, \$1000.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location; therefore, an undivided one-fifth interest in its value is hereby credited to each of the said lodes of this survey.

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

SUPPLEMENTAL DATA

The $\frac{1}{4}$ corner common to sections 7 and 18, T. 6 S., R. 11 E., G&SR Mer., is a G.L.O. brass cap, firmly set and properly marked.

FIELD ASSISTANTS

Name	Capacity
Albert Maldonado	Axeman
James Yanez	Instrumentman
Arthur Sylvester	Chainman
Frank Vasquez	Chainman
Joe Alvarez	Chainman

Chains

No. 11	A cor. 12. wide, the face of which bears N. 12° E. from Cor. No. 1, the face of which bears N. 12° E. from face.
No. 12	A cor. 8 ft. wide, the face of which bears N. 10° W. from Cor. No. 1, the face of which bears N. 10° W. from face.
No. 13	A cor. 12. wide, the face of which bears N. 10° W. from Cor. No. 2, the face of which bears N. 10° W. from face.
No. 1	The discovery point of the Big Sag No. 1 lode is at the center of line 1-2.
No. 2	A shaft, 8 x 8 ft., 8 ft. deep, the center of which bears N. 80° E. from Cor. No. 1, the face of which bears N. 80° E. from face.
No. 1	The discovery point of the Big Sag No. 1 lode is on the line 1-2, from the center of line 1-2.
No. 1	A shaft, 8 x 8 ft., 8 ft. deep, the center of which bears N. 30° E. from Cor. No. 1, the face of which bears N. 30° E. from face.
No. 1	The discovery point of the Big Sag No. 1 lode is on the line 1-2, from the center of line 1-2.
No. 2	A shaft, 8 x 8 ft., 8 ft. deep, the center of which bears N. 30° E. from Cor. No. 1, the face of which bears N. 30° E. from face.

An interest in a common improvement described as follows:

A shaft, 10 ft. in diameter, the center of which bears N. 21° E.
from Cor. No. 1, the face of which bears N. 21° E. from
100 ft. of drilling on the vein at the 10-foot level.
Value of shaft and drift, \$2000.
Value of one-third interest, \$1000.

Five hundred dollars or over has been expended in this improve-
ment in such a manner as tends to the development of each lode of
this group as a unit to the location; therefore, an undivided in-
terest in the value is hereby credited to each of the said
lodes of this group.

No portion of, or interest in, this improvement has been
credited heretofore as a part of any lode claim.

SUPPLEMENTAL DATA

The 1/4 corner common to sections 7 and 14, T. 33 N., R. 11 E.,
is a 100 ft. brass cap, 1 1/2 inch diameter and properly marked.

FIELD ASSISTANTS

George Alexander	James Alexander
John Alexander	Arthur Alexander
William Alexander	Frank Alexander
Charles Alexander	John Alexander

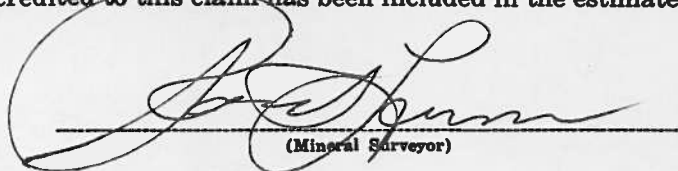
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

September 19, 1960

I, Robert Lenon,
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the U.S. Public
Survey Office, at Phoenix, Arizona
dated August 12th, 1960, I have faithfully and correctly executed the survey of
the mining claim of Mr. R. J. Edwards,
known as the Zig Zag No. 1, Zig Zag No. 2, Zig Zag No. 3, Zig Zag No. 4, & Zig Zag 5 lodes
(Lode, placer, or mill site)
situate in Pinal County, Arizona Owl Head Mining District, Section 18,
T. 6 S., R. 11 E., G. & S. R. Meridian, Arizona, and
(State)
designated as Survey No. 4540, which is represented in the foregoing field notes as having been
executed by me and under my direction, and that said survey has been made in strict conformity with said order,
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
described in the foregoing field notes, and I do further certify that the labor expended and improvements made
upon or for the benefit of the lode location(s) embraced in the said mining claim by
(Lode or placer)
claimant or his grantors are fully stated in my report therein, and that the character,
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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.

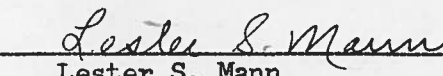
Patagonia, Arizona
(Place)


(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)
Phoenix, Arizona December 7, 1960
(Place) (Date)

The foregoing field notes of mineral survey No. 4540, in Owl Head Mining District,
Section 18, T. 6 South, R. 11 East, Gila & Salt River Meridian,
Arizona, executed by Robert Lenon, Mineral Surveyor,
(State)
under order dated August 12, 1960, 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.


Lester S. Mann
Office Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

(Title)

