

Original indexed

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



MINERAL SURVEY NO. 4382

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claims Of

J. A. MULCAHY

Known As The
Oregon, Washington, Olympia, Pacific, Orient, Atlantic, Josephine, Josephine
No. 2, San Antonio, San Antonio No. 2, San Antonio No. 3, San Antonio No. 4,
and Marconi No. 1, lode mining claims

PIMA Mining District,

Pima County, Arizona

Sections 2, 11, & 12, Township 18 South, Range 12 East

Surveyed under order dated July 9, 19 53

by Robert Lenon
Mineral Surveyor.

Claim located (see location-notices), 19

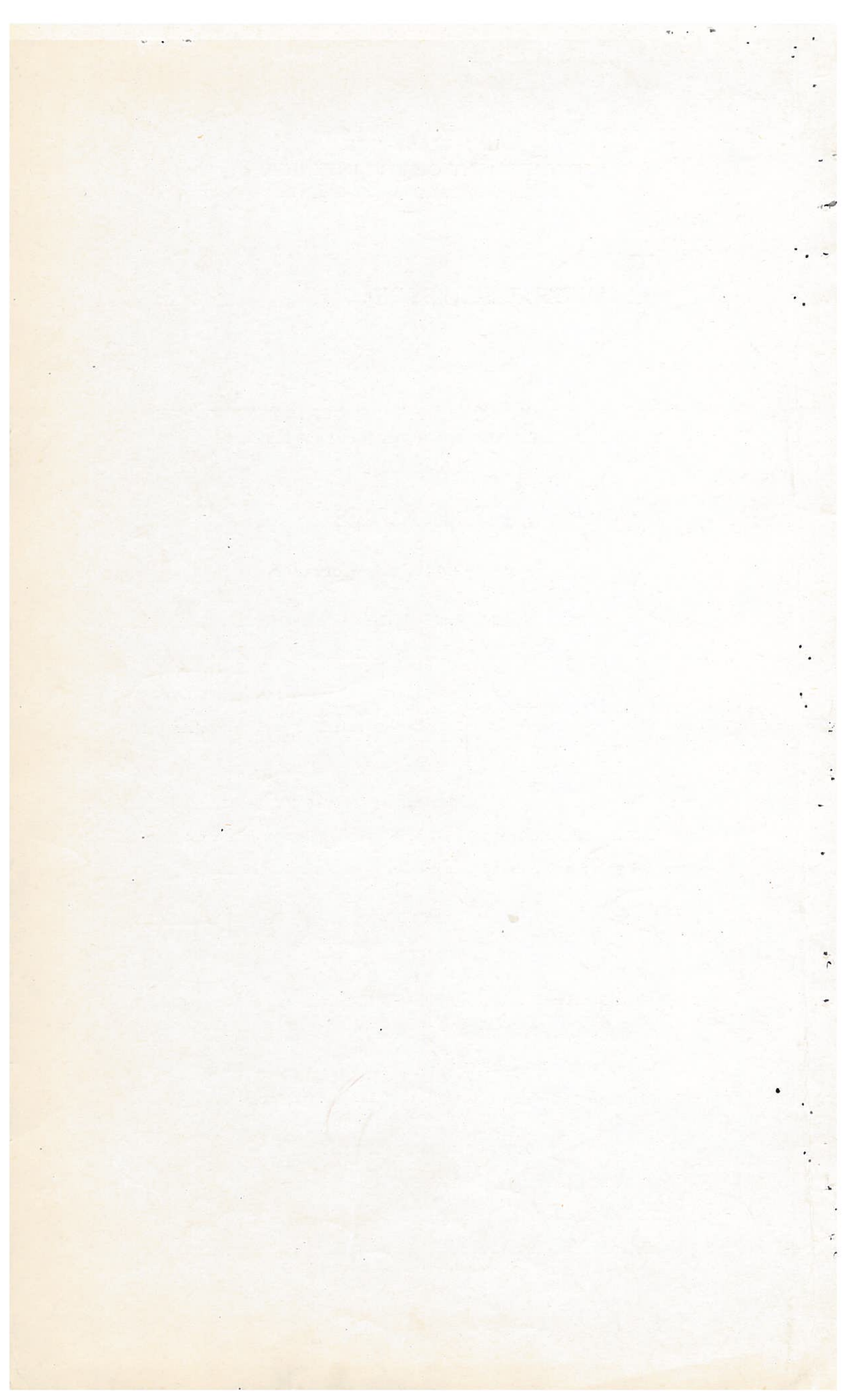
Survey commenced November 11, 19 53

Survey completed February 20, 19 54

Address of claimant c/o Zinf, Larkin, & Donahue, Attys.,
TUCSON, Arizona

DATES OF AMENDED LOCATIONS

none



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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 $4\frac{1}{2}$ ins. diam., having two double opposite verniers; the verniers read to one minute of arc. 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:

November 12, 1953, at Cor. No. 3 of Survey No. 1998, Pandora lode, being identical with Cor. No. 1, Orient lode; Cor. No. 2, Pacific lode; and Cor. No. 3, Marconi No. 1 lode, all of this survey, in latitude $31^{\circ} 53' N.$, and longitude $111^{\circ} 04' W.$, 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. 2, of Survey No. 1998, Pandora lode, being identical with Cor. No. 2, Orient lode; Cor. No. 1, Atlantic lode; and Cor. No. 4, Olympia lode, 1500.0 feet easterly to the sun.

Mean time of observation,	(1)	(2)
105th meridian standard time:	$9^h 03^m 20^s$ AM	$9^h 07^m 50^s$ AM

Declination of sun at mean time of observation:	$17^{\circ} 44.5' S.$
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Mean observed vertical angles to sun's center:	$23^{\circ} 20'$	$23^{\circ} 53.5'$
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Mean horizontal angle clockwise from reference point to sun's center:	$34^{\circ} 36'$	$35^{\circ} 17.5'$
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True bearing to reference point	$S. 83^{\circ} 25' E.$
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The lines were measured with a Lufkin steel tape 300 feet in length, graduated every foot, with the end feet graduated to tenths; and a Lufkin steel tape 100 feet in length, graduated to feet, tenths, and hundredths; both tapes were compared with a Chicago standard at the time of beginning the survey, and found correct.

All lines and connections of this survey were run by direct methods except for the ties to the corners of the Public Land Survey, which were calculated.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ} 45' E.$

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ORIENT LODGE

At Cor. No. 1 of the Orient lode, identical with Cor. No. 3 of the Pandora lode, Survey No. 1998; Cor. No. 2, Pacific lode; and Cor. No. 3 of the Marconi No. 1 lode, both of this survey:

Found a rhyolite stone, with stone mound alongside, said stone being firmly set and mkd. X-3-1998-P, to which I added ORI-1-P-2-M1-3-4382; from which

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Feet	
	<p>The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E. G. and S. R. B. M., bears N. 58° 49' W., 1846.6 ft. dist., an iron pipe, 3/4 ins. diam., firmly set in the ground, and surrounded by a mound of stone.</p> <p>No other accessories found. No bearing objects available.</p> <p style="text-align: center;">Thence S. 83° 25' E.</p>
598	Gulch, 1 ft. wide, course S. 40° E.
712.0	Cor. No. 2, Sur. No. 2030, Daily News lode, found an old stone mound; set an iron pipe, 3/4 ins. diam., firmly in the ground, and rebuilt mound of stone.
717	Gulch, 2 ft. wide, course S. 30° E.
1005	Gulch, 3 ft. wide, course N. 10° E.
1500.0	<p>Cor. No. 2, identical with Cor. No. 2, Sur. No. 1998, Pandora lode; Cor. No. 1, Atlantic lode, and Cor. No. 4, Olympia lode, both of this survey.</p> <p>Found a loose granite stone, with a mound of stone alongside, said stone being mkd. X-2-1998-P, which I reset, and on which I cut ORI-2-A-1-OL-4-4382.</p> <p>No other accessories found. No bearing objects available.</p> <p style="text-align: center;">Thence S. 6° 35' W.</p>
115	Wagon road, 12 ft. wide, bears N. 85° E., and S. 85° W.
300.0	<p>Lode line, discovery point bears N. 83° 25' W., 1130 ft. dist.</p> <p>Found a stone mound; set an iron pipe, 1/2 in. diam., flush with the ground in edge of same.</p>
600.0	<p>Cor. No. 3, identical with Cor. No. 4, Atlantic lode of this survey.</p> <p>Found a stone mound; set a rhyolite stone, 9x12x20 ins., 12 ins. in the ground, mkd. X-ORI-3-A-4-4382 in the edge of said mound, and rebuilt same.</p> <p>No bearing objects available.</p> <p style="text-align: center;">Thence N. 83° 25' W.</p>
380	Enter bed of large wash, course S. 30° E.
496.0	<p>Cor. No. 1, Josephine lode, identical with Cor. No. 2, Josephine No. 2 lode, both of this survey.</p> <p>Set a temporary stake in the channel of large wash.</p>
605	Leave bed of large wash, course N. 75° E. to this point and East below this point.
885	Road, bears N. 45° E., and S. 45° W.
1500.0	<p>Cor. No. 4, identical with Cor. No. 3, Pacific lode of this survey.</p> <p>Found a mound of stone; set a granite stone, 12x14x22 ins., 12 ins. in the ground, mkd. X-ORI-4-P-3-4382 in the edge of said mound and rebuilt same.</p>

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	Thence N. 6° 35' E.
300.0	Lode line, discovery point bears S. 83° 25' E., 370 ft. dist. Found a stone mound; set an iron pipe, 3/4 ins. diam., flush with the ground in the edge of same.
600.0	Cor. No. 1, and place of beginning.
	OLYMPIA LODE
	At Cor. No. 1, Olympia lode, identical with Cor. No. 1, Sur. No. 1998, Pandora lode, found a double stone mound; no marked stone or accessories found. Set a sandstone, 4x6x24 ins., 12 ins. in the ground, mkd. X-P-1-1998-OL-1-4382 at N. 6° 35' E., 600.0 ft. dist., from Cor. No. 2, Sur. No. 1998, Pandora lode; said stone falling within the easternmost of the above mentioned mounds, and rebuilt the mound lying to the West of said stone, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. and M., bears N. 80° 23' W., 3183.5 ft. dist. No other accessories found. No bearing objects available.
	Thence S. 83° 25' E.
362	Stone mound, with 4x4 in. post.
910	Gulch, 5 ft. wide, course N. 40° E.
1430	Gulch, 2 ft. wide, course N. 25° E.
1500.00	Cor. No. 2. Found a stone mound; set a granite stone, 4x12x24 ins., 12 ins. in the ground, mkd. X-OL-2-4382 in the edge of said mound, and rebuilt same. No bearing objects available.
	Thence S. 6° 35' W.
300.0	Lode line, discovery point bears N. 83° 25' W., 1175 ft. dist. Found a stone mound, set an iron pipe, 3/4 ins. diam., flush with the ground in same.
459	Wagon road, bears East and West.
600.0	Cor. No. 3, identical with Cor. No. 2, Atlantic lode of this survey. Found a stone mound. Set a rhyolite stone, 4x12x24 ins., 12 ins. in the ground, mkd. X-OL-3-A-2-4382 within said mound and rebuilt same. No bearing objects available.
	Thence N. 83° 25' W.
520	Wagon road, bears West and N. 80° E.
1319	Wagon road, bears S. 60° E., and N. 45° W.

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Feet	
1448	SE. wall, temporary frame cabin.
1468	NW. wall, same cabin.
1500.0	Cor. No. 4, identical with Cor. No. 2, Orient lode, and with Cor. No. 1, Atlantic lode; both of this survey; and Cor. No. 2, Sur. No. 1998, Pandora lode. Thence N. 6° 35' E.
142	Wagon road, bears N. 50° W., and S. 50° E.
300.0	Lode line, discovery point bears S. 83° 25' E., 325 ft. dist. Found a mound of stone. Set an iron pipe, 3/4 in. diam., flush with the ground in the edge of same.
600.0	Cor. No. 1, and place of beginning.
ATLANTIC LODE	
	Beginning at Cor. No. 1 of the Atlantic lode, identical with Cor. No. 2, Survey No. 1998, Pandora lode; Cor. No. 2, Orient lode, and Cor. No. 4, Olympia lode, both of this survey, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E. G. and S. R., B. M., bears N. 69° 50' W., 3270.5 ft. dist. Thence S. 83° 25' E.
1500.0	Cor. No. 2, identical with Cor. No. 3, Olympia lode, of this survey. Thence S. 6° 35' W.
130	Gulch, 1 ft. wide, course East.
300.0	Lode line, discovery point bears N. 83° 25' W., 1330 ft. dist. Found a stone mound. Set an iron pipe, 1 in. diam., flush with the ground in the edge of same.
600.0	Cor. No. 3. Found a few small stones piled up. Set a rhyolite stone, 4x8x22 ins., 12 ins. in the ground, mkd. X-A-3-4382, and raised a mound of stone alongside. No bearing objects available. Thence N. 83° 25' W.
270	Left bank of large wash, course S. 50° E., enter wash-bed.
420	Left bank of same wash, course N. 70° E., leave wash-bed.
496.0	Cor. No. 2, Josephine lode of this survey. Found remains of old stone mound. Set a granite stone, 8x8x20 ins., 12 ins. in the ground, alongside said mound, mkd. X-J-2-4382, from which A mesquite, 12 ins., diam., bears S. 15° 00' W., 18.3 ft. dist., mkd. X BT 4382

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Feet	
	Raise a mound of stone alongside said stone.
1500.0	Cor. No. 4, identical with Cor. No. 3, Orient lode of this survey. Thence N. 6° 35' E.
300.0	Lode line, discovery point bears S. 83° 25' E., 170 ft. dist.
600.0	Cor. No. 1, and place of beginning.
	JOSEPHINE LODGE
	Beginning at Cor. No. 1 of the Josephine lode, identical with Cor. No. 2, Josephine No. 2 lode of this survey. This corner falls in the channel of a large wash where a permanent corner cannot be established, from which The corner of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 56° 24' W., 3011.7 ft. dist. No bearing objects available. Thence S. 83° 25' E.
110	Leave bed of large wash, left bank, course S. 30° E.
496.0	Cor. No. 3, Orient lode, identical with Cor. No. 4, Atlantic lode of this survey.
1500.0	Cor. No. 2, heretofore described. Thence S. 6° 35' W.
35	Enter channel of large wash, 50 ft. wide, course East.
85	Leave channel of large wash.
300.0	Lode line, discovery point bears N. 83° 25' W., 1420 ft. dist. Found a mound of stone. Set an iron pipe, 5/8 ins. diam., flush with the ground in the edge of same. -
600.0	Cor. No. 3. Found a mound of stone. Set a sandstone, 4x8x20 ins., 12 ins. in the ground, mkd. X-J-3-4382 at the edge of said mound and rebuild same. No bearing objects available. Thence N. 83° 25' W.
300.0	Cor. No. 2, San Antonio lode of this survey. Set a granite stone, 6x8x22 ins., 12 ins. in the ground, mkd. X-SA-2-4382, from which A silicified outcrop, 18x24 ins., 12 ins. above the ground, bears N. 84° 00' W., 41.5 ft. dist., mkd. X-J-2-4382-BR. Raise a mound of stone alongside.
1080	Wagon road, bears N. 60° W. and S. 60° E.

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1170	Wagon road, bears N. 83° W. and East.
1350	Leave wagon road, bears West and S. 83° E.
1500.0	Cor. No. 4, identical with Cor. No. 3, Josephine No. 2, of this survey. Set a rhyolite stone, 10x12x24 ins., 12 ins. in the ground, mkd. X-J-4-J2-3-4382, on the dump of the Marconi shaft, from which A concrete footing of the headframe, 15x15 ins., 3 ins. above the surface of the dump, bears S. 66° 00' E., 25.8 ft. dist., mkd. X-B0-4382. Raise a mound of stone alongside. Thence N. 6° 35' E.
77	Gulch, 3 ft. wide, course N. 70° E.
147.	Wagon road, bears S. 15° W., and N. 15° E.
300.0	Lode line, discovery point bears S. 83° 25' E., 80 ft. dist. Falls in edge of road. Set an iron pipe, 3/4 in. diam., flush with the ground and raise a mound of stone alongside.
310	Wagon road, bears N. 10° W. and S. 10° E.
480.0	Set a sandstone, 6x12x24 ins., 12 ins. in the ground, for witness Cor. No. 1, mkd. W-WC-J-1-J2-2-4382 and raise a mound of stone alongside.
500	Enter bed of large wash, course East.
600.0	Cor. No. 1, and place of beginning.
	JOSEPHINE NO. 2 LODE.
	At Cor. No. 1 of the Josephine No. 2 lode, found a mound of stone. Set a sandstone, 4x8x22 ins., 12 ins. in the ground, mkd. X-J2-1-4382, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E. G. and S. R., B. M., bears N. 34° 12' W., 1811.3 ft. dist. No bearing objects available. Thence S. 83° 25' E.
190	Gulch, 2 ft. wide, course S. 20° W.
365	Gulch, 2 ft. wide, course S. 35° E. to this point, and South below this point.
366	Fence, bears N. and S.
446	Gulch, 3 ft. wide, course S. 15° W.
496.0	Cor. No. 4, Orient lode, identical with Cor. No. 3, Pacific lode, both of this survey.
1500.0	Cor. No. 2, identical with Cor. No. 1, Josephine lode of this survey.

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	Thence S. 6° 35' W.
120	Witness corner for Cor. No. 2, previously described.
300.0	Lode line, discovery point bears N. 83° 25' W., 402 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 4, Josephine lode of this survey.
	Thence N. 83° 25' W.
50	Wagon road, bears N. and S.
70	Gulch, 2 ft. wide, course N. 10° E.
140	Gulch, 3 ft. wide, course N. 60° E.
300.0	Cor. No. 1, San Antonio lode, identical with Cor. No. 2, San Antonio No. 2 lode, both of this survey; found a mound of stone.
	Set a rhyolite stone, 8x8x24 ins., 12 ins. in the ground, mkd. X-SA-1-SA2-2-4382, from which
	A rhyolite outcrop, 30x30 ins., 12 ins. above ground, bears N. 80° 00' W., 67.4 ft. dist., mkd. X-BR-4382.
1050	Wagon road, bears N. 60° E. and S. 80° W.
1059	Fence, bears N. and S.
1360	Gulch, 30 ft. wide, course N. 10° E.
1500.0	Cor. No. 4, found a mound of stone.
	Set a granite stone, 6x8x20 ins., 12 ins. in the ground, mkd. X-J2-4-4382 alongside said mound.
	No bearing objects available.
	Thence N. 6° 35' E.
30	Enter channel of large wash, 100 ft. wide, course East.
130	Leave channel of wash.
275	Enter channel of same wash, 30 ft. wide, course East.
300.0	Lode line, discovery point bears S. 83° 25' E., 1098 ft. dist. This point falls in bed of wash and was not set.
305	Leave channel of wash.
600.0	Cor. No. 1, and place of beginning.
	SAN ANTONIO LODE
	Beginning at Cor. No. 1 of the San Antonio lode, identical with Cor. No. 2, San Antonio No. 2 lode of this survey, previously described, from which
	The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 43° 51' W., 3090.8 ft. dist.
	Thence S. 83° 25' E.
300.0	Cor. No. 4, Josephine lode, identical with Cor. No. 3, Josephine No. 2 lode, both of this survey.

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Feet	
1500.0	Cor. No. 2, previously described. Thence S. 6° 35' W.
300.0	Lode line, discovery point bears N. 83° 25' W., 1270.0 ft. dist. Found a mound of stone. Set an iron pipe, 5/8 in. diam., flush with the ground alongside said mound.
600.0	Cor. No. 3, identical with Cor. No. 2, San Antonio No. 4 lode, of this survey. Found a mound of stone. Set a sandstone, 4x10x22 ins., 12 ins. in the ground, mkd. X-SA-3-SA4-2-4382, alongside said mound. Thence N. 83° 25' W.
1500.0	Cor. No. 4, identical with Cor. No. 3, San Antonio No. 2 lode, Cor. No. 2, San Antonio No. 3 lode; and Cor. No. 1, San Antonio No. 4 lode, all of this survey. Found a mound of stone. Set a rhyolite stone, 12x14x24 ins., 12 ins. in the ground, mkd. X-SA-4-SA2-3-SA3-2-SA4-1-4382, alongside said mound. No bearing objects available. Thence N. 6° 35' E.
300.0	Lode line, discovery point bears S. 83° 25' E., 230 ft. dist. Found a mound of stone. Set an iron pipe, 3/4 ins. diam., flush with the ground alongside same.
415	Wagon road, bears East and West.
475	Gulch, 3 ft. wide, course East.
600.0	Cor. No. 1, and place of beginning.
	SAN ANTONIO NO 2 LODE
	At Cor. No. 1 of the San Antonio No. 2 lode, found a mound of stone. Set a rhyolite stone, 6x9x24 ins., 12 ins. in the ground, mkd. X-SA2-1-4382, alongside same, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 17° 35' W., 2157.6 ft. dist. No bearing objects available. Thence S. 83° 25' E.
160	Left bank, enter channel of gulch, 10 ft. wide, course E.
210	Left bank, same gulch, leave channel, course S. 70° E.
300.0	Cor. No. 4, Josephine No. 2 lode of this survey.
1500.0	Cor. No. 2, identical with Cor. No. 1, San Antonio lode of this survey. Thence S. 6° 35' W.

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Feet	
300.0	Lode line. discovery point bears N. 83° 25' W., 542 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 4, San Antonio lode; Cor. No. 2, San Antonio No. 3 lode; and Cor. No. 1, San Antonio No. 4 lode, all of this survey. Thence N. 83° 25' W.
683	Fence, bears-N. and.S.
1500.0	Cor. No. 4, identical with Cor. No. 1, San Antonio No. 3, lode, of this survey. Found a mound of stone. Set a rhyolite stone, 6x6x22 ins., 12 ins. in the ground, alongside said mound, mkd. X-SA2-4-SA3-1-4382, from which The USGS Bench Mark, "LPM 1", 1939, a standard brass tablet, set in concrete, bears N. 56° 25' E., 89.5 ft. dist. No other bearing objects available. Thence N. 6° 35' E.
58	Wagon road, bears N. 60° E., and S. 60° W.
300.0	Lode line, discovery point bears S. 83° 25' E., 958 ft. dist. Found a mound of stone. Set an iron pipe, $\frac{1}{2}$ in. diam., flush with the ground, alongside same.
420	Gulch, 5 ft. wide, course N. 80° E.
600.0	Cor. No. 1, and place of beginning.
	SAN ANTONIO NO. 3 LODE
	Beginning at Cor. No. 1, of the San Antonio No. 3 lode, identical with Cor. No. 4, San Antonio No. 2 lode, of this survey, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 12° 23' W., 2716.0 ft. dist. Thence S. 83° 25' E.
1500.0	Cor. No. 2, identical with Cor. No. 4, San Antonio lode; Cor. No. 3, San Antonio No. 2 lode, and Cor. No. 1, San Antonio No. 4 lode, all of this survey. Thence S. 6° 35' W.
300.0	Lode line, discovery point bears N. 83° 25' W., 140 ft. dist. Found a mound of stone. Set an iron pipe, $\frac{3}{4}$ ins. diam., flush with the ground alongside same.
600.00	Cor. No. 3, identical with Cor. No. 4, San Antonio No 4 lode, of this survey. Found the remains of a mound of stone. Set a limestone, 6x8x22 ins., 12 ins. in the ground, mkd. X-SA3-3-SA4-4-4382 alongside and rebuilt said mound.

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	Thence N. 83° 25' W.
485	Gulch, 3 ft. wide, course S. 10° E.
608	Fence, bears N. and S.
1500.0	Cor. No. 4. Found a mound of stone. Set a rhyolite stone, 6x8x18 ins., 12 ins. in the ground, mkd. X-SA3-4-4382, alongside same, from which A mesquite tree, 8 ins. diam., bears S. 39° 50' W., 22.9 ft. dist., mkd. X 4382 BT. Thence N. 6° 35' E.
300.0	Lode line, discovery point bears S. 83° 25' E., 1360.0 ft. dist. Found a mound of stone. Set an iron pipe, $\frac{1}{2}$ in. diam., flush with the ground, alongside same.
600.0	Cor. No. 1, and place of beginning.
	SAN ANTONIO NO. 4 LODGE. Beginning at Cor. No. 1 of the San Antonio No. 4 lode, identical with Cor. No. 4, San Antonio lode; Cor. No. 3, San Antonio No. 2 lode, and Cor. No. 2, San Antonio No. 3 lode; all of this survey, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 36° 16' W., 3503.5 ft. dist. Thence S. 83° 25' E..
1500.0	Cor. No. 2, identical with Cor. No. 3, San Antonio lode of this survey. Thence S. 6° 35' W.
50	Gulch, 2 ft. wide, course S. 70° E.
265	Center of shaft, 6x6 ft., 4 ft. deep.
300.0	Lode line, discovery point bears N. 83° 25' W., 1385.0 ft. dist. Found a mound of stone. Set an iron pipe, $\frac{1}{2}$ in. diam., flush with the ground alongside same.
360	Gulch, 2 ft. wide, course S. 45° E.
595	Center of shaft, 6x6 ft., 4 ft. deep.
600.0	Cor. No. 3. Set a sandstone, 4x8x22 ins., 12 ins. in the ground, mkd. X-SA4-3-4382, and raise a mound of stone alongside. No bearing objects available. Thence N. 83° 25' W.
170	Gulch, 3 ft. wide, course S. to this point and S. 30° E. below this point.
465	Gulch, 3 ft. wide, course S. 30° E.

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Feet	
610	Gulch, 5 ft. wide, course S. 20° E.
995	Gulch, 5 ft. wide, course N. 70° E.
1500.0	Cor. No. 4, identical with Cor. No. 3, San Antonio No. 3 lode, of this survey. Thence N. 6° 35' E.
300.0	Lode line, discovery point bears S. 83° 25' E., 115 ft. dist.
600.0	Cor. No. 1, and place of beginning.
	PACIFIC LODE.
	At Cor. No. 1, Pacific lode, found a mound of stone. Set a sandstone, 4x8x24 ins., 12 ins. in the ground, mkd. X-P-1-4382, alongside same, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 6° 32' W., 789.0 ft. dist. No bearing objects available. Thence S. 83° 25' E.
115	Gulch, 3 ft. wide, course S. 20° W.
235	Gulch, 3 ft. wide, course S. 30° W.
1024.6	Intersect line 2-3, Washington lode, at Cor. No. 4, Marconi No. 1 lode, both of this survey. Set a sandstone, 4x6x22 ins., 12 ins. in the ground, mkd. X-M1-4-4382, and raise a mound of stone alongside. No bearing objects available.
1293	Fence, bears N. and S.
1500.0	Cor. No. 2, identical with Cor. No. 1, Orient lode, Cor. No. 3, Marconi No. 1 lode, both of this survey; and Cor. No. 3, Survey No. 1998, Pandora lode. Thence S. 6° 35' W.
300.0	Lode line, discovery point bears N. 83° 25' W., 130 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 4, Orient lode, of this survey. Thence N. 83° 25' W.
496.0	Cor. No. 1, Josephine No. 2 lode, of this survey.
605	Center of large wash, 40 ft. wide, S. 45° E. to this point and S. below this point.
965	Right bank, enter channel of same wash, 70 ft. wide, course N. 30° E.
1250	Right bank, leave channel of same wash, course S. 30° E.
1500.0	Cor. No. 4.

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Feet	
	<p>Found a mound of stone. Set a rhyolite stone, 6x10x24 ins., 12 ins. in the ground, mkd. X-P-4-4382, from which</p> <p>A granite outcrop, 18x36 ins., 12 ins. above the ground, bears N. 76° 45' E., 8.1 ft. dist., mkd. X - BR 4382.</p>
300.0	<p>Lode line, discovery point bears S. 83° 25' E., 1370.0 ft. dist.</p> <p>Found a stone mound. Set an iron pipe, 3/4 ins. diam., flush with the ground alongside same.</p>
440	<p>Right bank, enter channel of large wash, 100 ft. wide, course S. 80° E.</p>
493.2	<p>Intersect line 3-4, Washington lode of this survey, at a point from which Cor. No. 3 bears S. 80° 00' E., 1016.4 ft. dist.</p>
540	<p>Left bank of wash, leave channel.</p>
600.0	<p>Cor. No. 1, and place of beginning.</p>
	<p style="text-align: center;">MARCONI NO. 1</p> <p>At Cor. No. 1, Marconi lode, set a sandstone, 6x8x24 ins., 12 ins. in the ground, mkd. X-M1-1-4382, from which</p> <p>The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E. G. and S. R., B. M., bears N. 75° 25' W., 1215.5 ft. dist.</p> <p>Raise a mound of stone alongside.</p> <p>No bearing objects available.</p> <p style="text-align: center;">Thence S. 83° 25' E.</p>
38.72	<p>Intersect line 2-3 of the Nellie lode, and line 3-4 of the Daily News lode, both of Sur. No. 2030, at a point from which Cor. No. 3, Nellie and Daily News lode, identical with Cor. No. 2, Washington lode, of this survey, bears S. 10° 00' W., 168.34 ft. dist.</p>
475.4	<p>Cor. No. 2, identical with Cor. No. 4, Sur. No. 1998, Pandora lode.</p> <p>Found a mound of stone, and a stone alongside, firmly set and mkd. X-P-4-1998, to which I added M1-2-4382.</p> <p>No other accessories found. No bearing objects available.</p> <p style="text-align: center;">Thence S. 6° 35' W.</p>
299.7	<p>Lode line, discovery point bears N. 83° 25' W., 301.0 ft. dist.</p> <p>Found a mound of stone., Set an iron pipe, 3/4 ins. diam., flush with the ground alongside same.</p>
342.3	<p>Intersect line 2-3, Sur. No. 2030, Daily News lode, at a point from which Cor. No. 2 bears S. 63° 34' E., 757.07 ft. dist.; and from which</p> <p>A broken sandstone, firmly set, and mkd. X-2030, bears N. 63°-34' W., 1.3 ft. dist.</p>

Survey No. 4382.

Feet	
	From this broken stone, Cor. No. 2, Washington lode of this survey; identical with Cor. No. 3, Nellie and Daily News lode, both of Sur. No. 2030, bears N. 62° 13' W., 481.0 ft. dist.
355	Center of shaft, 6x6 ft., 6 ft. deep.
599.4	Cor. No. 3, identical with Cor. No. 1, Orient lode; and Cor. No. 2, Pacific lode, both of this survey; and with Cor. No. 3, Sur. No. 1998, Pandora lode. Thence N. 83° 25' W.
207	Fence, bears N. and S.
475.4	Cor. No. 4, which lies on line 2-3, Washington lode of this survey, at a point from which Cor. No. 3 bears S. 10° 00' W., 167.7 ft. dist. Thence N. 6° 35' E.
299.7	Lode line, discovery point bears S. 83° 25' E., 174.4 ft. dist.
433.1	Intersect line 1-2. Washington lode of this survey, at a point from which Cor. No. 2, bears S. 80° 00' E., 25.8 ft. dist.
599.4	Cor. No. 1, and place of beginning.
	WASHINGTON LODGE
	At Cor. No. 1 of the Washington lode, being identical with Cor. No. 1, Oregon lode of this survey: Set a sandstone, 6x8x28 ins., 14 ins. in the ground, mkd. X-W-1-ORE-1-4382, and raise a mound of stone alongside, from which The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., G. and S. R., B. M., bears N. 53° 51' E., 364.8 ft. dist. Cor. No. 4, Nellie lode, identical with Cor. No. 2, Margaret lode, both of Sur. No. 2030, bears N. 80° 00' W., 16.9 ft. dist. A sandstone outcrop, 84x84 ins., 24 ins. above ground, mkd. X-4-2-2030-BR, and to which I added the number 4382, bears N. 54° 35' E., 40.9 ft. dist. Thence S. 80° 00' E.
135	Dim road, bears N. 30° E. and S. 30° W.
250	Gulch, 1 ft. wide, course S. 10° W.
1474.2	Intersect line 4-1, Marconi No. 1 lode of this survey.
1500.0	Cor. No. 2, identical with Cor. Nos. 3, of the Daily News and Nellie lodes, both of Sur. No. 2030. Found a mound of stone, with a sandstone, firmly set, and mkd. X-N-3-DN-3-2030, to which I added W-2-4382, and from which A broken sandstone, previously described, firmly set on line 2-3, Daily News lode, Sur. No. 2030, bears S. 62° 13' E., 481.0 ft. dist.

Survey No. 4382.

Feet	
	<p>A triangulation station, a capped iron pipe, $\frac{1}{2}$ in. diam., firmly set in concrete, on top of a conical hill, marked "H", bears S. 63° 20' W., 201.2 ft. dist.</p> <p>No other accessories found.</p> <p style="text-align: center;">Thence S. 10° 00' W.</p>
300	Lode line, discovery point bears N. 80° 00' W., 962.0 ft. dist.
432.3	Cor. No. 4, Marconi No. 1 lode, and intersection of line 1-2, Pacific lode, both of this survey, from which
600.0	No. 1, Pacific lode, bears N. 83° 25' W., 1024.6 ft. dist.
600.0	Cor. No. 3.
	<p>Found a mound of stone. Set a sandstone, 5x6x24 ins., 12 ins. in the ground, mkd. X-W-3-4382, from which</p> <p>A sandstone boulder, 24x36 ins., 24 ins. above the ground, mkd. X-BR-4382, bears S. 60° 30' E., 12.0 ft. dist.</p> <p style="text-align: center;">Thence N. 80° 00' W.</p>
835	Left bank, enter channel of large wash, 100 ft. wide, course S. 45° E.
1016.4	Intersect line 4-1, Pacific lode of this survey.
1255	Leave channel of large wash, left bank, course E.
1285	Left bank, re-enter channel of same wash.
1500.0	Cor. No. 4, identical with Cor. No. 2, Oregon lode of this survey.
	<p>This corner falls in the channel of a large wash, where a permanent corner cannot be established.</p> <p style="text-align: center;">Thence N. 10° 00' E.</p>
.45	Leave channel of large wash, left bank, course S. 70° E.
60.0	Set a sandstone, 6x8x22 ins., 12 ins. in the ground, for witness corner No. 4, mkd. X-WC-W-4-ORE-2-4382, and raise a mound of stone alongside.
270.0	Gulch, 3 ft. wide, course S. 65° E.
300.0	Lode line, discovery point bears S. 80° 00' E., 538.0 ft. dist.
600.0	Cor. No. 1, and place of beginning.
	OREGON LODE
	<p>Beginning at Cor. No. 1 of the Oregon lode, identical with Cor. No. 1, Washington lode of this survey.</p> <p style="text-align: center;">Thence S. 10° 00' W.</p>
300.0	Lode line, discovery point bears N. 68° 21' W., 356.0 ft. dist.
540.0	Witness corner for Cor. No. 2, identical with Cor. No. 4, Washington lode, of this survey, previously described.

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Feet	
600.0	Cor. No. 2, identical with Cor. No. 4, Washington lode of this survey. Thence N. 68° 21' W.
90	Leave channel of large wash, left bank, course N. 80° E.
495	Large wash, 40 ft. wide, course S. 10° E., at this point, and S. 45° E., below this point.
1500.0	Cor. No. 3. Found a small mound of stones. Set a monzonite stone, 6x8x24 ins., 12 ins. in the ground, mkd. X-ORE-3-4382, and rebuild the mound of stone. No bearing objects available. Thence N. 10° 00' E.
261.2	Intersect line between secs. 2 and 11, at a point from which the cor. of secs. 1, 2, 11, and 12, bears S. 89° 51' E., 1747.6 ft. dist., previously described.
300.0	Lode line, discovery point bears S. 68° 21' E., 1144.0 ft. dist. Found a mound of stone; set an iron pipe, 3/4 in. diam., flush with the ground, alongside same.
600.00	Cor. No. 4 Set a porphyry stone, 6x10x24 ins., 12 ins. in the ground, mkd. X-ORE-4-4382, and raise a mound of stone alongside, from which Cor. No. 3, Sur. No. 2030, Margaret lode, bears N. 68° 13' W., 26.3 ft. dist. No other bearing objects available. Thence S. 68° 21' E.
245	Gulch, 20 ft. wide, course S. 30° E.
910.7	Intersect line between secs. 2 and 11, at a point from which the cor. of secs. 1, 2, 11, and 12, bears S. 89° 51' E., 842.3 ft. dist., previously described.
915	Gulch, 3 ft. wide, course S. 15° E.
965	Gulch, 2 ft. wide, course S. 60° W.
1350	Gulch, 1 ft. wide, course S.
1435	Gulch, 2 ft. wide, course S. 30° W.
1482.8	Intersect line 1-2, Margaret lode, identical with line 4-1, Nellie lode, both of Sur. No. 2030, at a point from which Cor. No. 2, Margaret lode, identical with Cor. No. 4, Nellie lode, bears S. 11° 00' W., 3.5 ft. dist.
1500.0	Cor. No. 1, and place of beginning.

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A R E A S

	Acres
Total area, Orient lode	20.661
Total area, Olympia lode.	20.661

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A R E A S

	Acres
Total area, Atlantic lode	20.661
Total area, Josephine lode.	20.661
Total area, Josephine No. 2 lode.	20.661
Total area, San Antonio lode.	20.661
Total area, San Antonio No. 2 lode.	20.661
Total area, San Antonio No. 3 lode.	20.661
Total area, San Antonio No. 4 lode.	20.661
Total area, Pacific lode.	20.661
Area in conflict with Washington lode of this survey	3.213
Total area, Marconi No. 1 lode.	6.542
Area in conflict with --	
Survey No. 2030 Nellie lode	0.124
Survey No. 2030 Daily News lode	2.608
Washington lode of this survey.	0.128
Total area, Washington lode	20.661
Total area, Oregon lode	20.236
Area in conflict with --	
S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2, T. 18 S., R. 12 E.	3.469
Survey No. 2030 Nellie lode	0.001
Survey No. 2030 Margaret lode	0.058
Survey No. 2030 Margaret lode, exclusive of its conflict with S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2	0.036

L O C A T I O N

This survey is located in SE $\frac{1}{4}$ sec. 2, NE $\frac{1}{4}$ sec. 11, and sec. 12, of T. 18 S., R. 12 E., Gila and Salt River Meridian, Arizona.

The surveys of the several lodes is identical with their respective locations as marked on the ground.

E X P E N D I T U R E S

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 his grantors are as follows:

- No. 1 The discovery shaft of the Orient lode, the center of which being the discovery point, is on the lode line 370 feet from the center of line 4-1; 6x6 ft., 8 ft. deep.
Value, \$100.
- No. 2 A shaft, the center of which bears N. 79° 30' W., 585 ft. from Cor. No. 3, Orient lode; 8x8 ft., 8 ft. deep.
Value, \$100.
- No. 3 A shaft, the center of which bears N. 23° 15' E., 123 ft. from Cor. No. 4, Orient lode; 8x8 ft., 4 ft. deep.
Value, \$50.
- No. 1 The discovery shaft of the Olympia lode, the center of which being the discovery point, is on the lode line 325 ft. from the center of line 4-1; 6x8 ft., 8 ft. deep.
Value, \$100.
- No. 2 A shaft, the center of which bears S. 70° 00' W., 130 ft. from Cor. No. 2, Olympia lode, 6x6 ft., 4 ft. deep.
Value, \$50.
- No. 3 A shaft, the center of which bears S. 61° 00' W., 140 ft. from Cor. No. 2, Olympia lode; 6x8 ft., 4 ft. deep.
Value, \$50.
- No. 4 A shaft, the center of which bears S. 27° 00' W., 65 ft. from Cor. No. 2, Olympia lode, 8x8 ft., 4 ft. deep.
Value, \$50.

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| No. 5 | An open cut, the face of which bears N. 79° 30' E., 257 ft. from Cor. No. 4, Olympia lode; 6 ft. wide, 4 ft. face; running S. 45° 00' W., 15 ft. to face.
Value, \$50. |
| No. 1 | The discovery shaft of the Atlantic lode, the center of which being the discovery point, is on the lode line 170 ft. from the center of line 4-1; 6x8 ft., 8 ft. deep.
Value, \$100. |
| No. 1 | The discovery cut of the Josephine lode, the face of which being the discovery point, is on the lode line 80 ft. from the center of line 4-1; 6 ft. wide, 8 ft. face, running N. 83° 25' W., 15 ft. to face.
Value, \$100. |
| No. 2 | A shaft, the center of which bears N. 79° 35' E., 837 ft. from Cor. No. 4, Josephine lode, 6x6 ft., 100 ft. deep.
Value, \$2,000. |
| No. 3 | An open cut and shaft, the center of the face of the former bearing N. 69° 00' E., 350 ft. from Cor. No. 4, Josephine lode, 6 ft. wide, 10 ft. face; running N. 25° 00' W., 30 ft. to face. At the face of the open cut a shaft, 6x6 ft., 10 ft. deep has been sunk.
Value of open cut and shaft, \$300. |
| No. 4 | A shaft, the center of which bears N. 36° 30' E., 230 ft. from Cor. No. 4, Josephine lode; 6x6 ft., 80 ft. deep.
Value, \$1,500. |
| No. 1 | The discovery shaft of the Josephine No. 2 lode, the center of which being the discovery point, is on the lode line 402 ft. from the center of line 2-3; 6x8 ft., 8 ft. deep.
Value, \$100. |
| No. 2 | A shaft, the center of which bears N. 86° 15' E., 485 ft. from Cor. No. 4, Josephine No. 2 lode; 8x8 ft., 4 ft. deep.
Value, \$50. |
| No. 1 | The discovery cut of the San Antonio lode, the face of which being the discovery point, is on the lode line 230 ft. from the center of line 4-1; 6 ft. wide, 8 ft. face; running S. 83° 25' E., 15 ft. to face.
Value, \$100. |
| No. 2 | A shaft, the center of which bears S. 5° 00' W., 215 ft. from Cor. No. 1, San Antonio lode; 6x6 ft., 6 ft. deep.
Value, \$75. |
| No. 3 | An open cut, the face of which bears S. 57° 00' E., 270 ft. from Cor. No. 1, San Antonio lode, 6 ft. wide, 8 ft. face; running S. 60° 00' E., 15 ft. to face.
Value, \$100. |
| No. 1 | The discovery shaft of the San Antonio No. 2 lode, the center of which being the discovery point, is on the lode line 542 ft. from the center of line 2-3; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 2 | A shaft, the center of which bears S. 75° 45' W., 690 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x8 ft., 4 ft. deep.
Value, \$50. |
| No. 3 | A shaft, the center of which bears S. 69° 30' W., 595 ft. from Cor. No. 2, San Antonio No. 2 lode, 8x8 ft., 4 ft. deep.
Value, \$50. |

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| No. 4 | An open cut, the face of which bears S. 63° 45' W., 590 ft. from Cor. No. 2, San Antonio No. 2 lode; 6 ft. wide, 5 ft. face; runs S. 45° 00' W., 20 ft. to face.
Value, \$100. |
| No. 5 | A shaft, the center of which bears S. 52° 00' W., 555 ft. from Cor. No. 2, San Antonio No. 2 lode; 8x8 ft., 8 ft. deep.
Value, \$100 |
| No. 6 | A shaft, the center of which bears S. 53° 30' W., 640 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x6 ft., 6 ft. deep.
Value, \$75. |
| No. 7 | A shaft, the center of which bears S. 54° 00' W., 648 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x6 ft., 6 ft. deep.
Value, \$75. |
| No. 8 | A shaft, the center of which bears S. 58° 30' W., 705 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x6 ft., 4 ft. deep.
Value, \$50. |
| No. 9 | A shaft, the center of which bears S. 64° 15' W., 748 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x6 ft., 4 ft. deep.
Value, \$50.. |
| No. 10 | A shaft, the center of which bears S. 67° 45' W., 755 ft. from Cor. No. 2, San Antonio No. 2 lode; 6x6 ft., 6 ft. deep.
Value, \$75. |
| No. 1 | The discovery cut of the San Antonio No. 3 lode, the face of which being the discovery point, is on the lode line, 140 ft. from the center of line 2-3; 6 ft. wide, 8 ft. face; running S. 83° 25' E., 15 ft. to face.
Value, \$100. |
| No. 2 | A shaft, the center of which bears N. 50° 30' W., 263 ft. from Cor. No. 3, San Antonio No. 3 lode; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 3 | A shaft, the center of which bears N. 51° 30' W., 420 ft. from Cor. No. 3, San Antonio No. 3 lode; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 4 | A shaft, the center of which bears N. 54° 45' W., 434 ft. from Cor. No. 3, San Antonio No. 3 lode; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 5 | A shaft, the center of which bears N. 75° 00' W., 490 ft. from Cor. No. 3, San Antonio No. 3 lode; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 1 | The discovery shaft of the San Antonio No. 4 lode, the center of which being the discovery point, is on the lode line, 115 ft. from the center of line 4-1; 6x6 ft., 8 ft. deep.
Value, \$100. |
| No. 2 | A pit, the center of which bears S. 12° 00' E., 55 ft. from Cor. No. 1, San Antonio No. 4 lode; 6x6 ft., 2 ft. deep.
Value, \$25. |

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| No. 3 | A pit, the center of which bears S. 31° 00' E., 50 ft. from Cor. No. 1, San Antonio No. 4 lode; 6x6 ft., 2 ft. deep.
Value, \$25. |
| No. 4 | A shaft, the center of which bears S. 43° 00' E., 580 ft. from Cor. No. 1, San Antonio No. 4 lode; 6x6 ft., 4 ft. deep.
Value, \$50. |
| No. 1 | The discovery shaft of the Pacific lode, the center of which being the discovery point, is on the lode line 130 ft. from the center of line 2-3; 6x6 ft., 8 ft. deep.
Value, \$100. |
| No. 2 | An open cut, 6 ft. wide, the face of which bears N. 17° 15' W., 635 ft. from Cor. No. 3, Pacific lode, runs N. 10° 00' W., 20 ft. to 6 ft. face.
Value, \$100. |
| No. 3 | A shaft, the center of which bears N. 26° 50' W., 420 ft. from Cor. No. 3, Pacific lode; 6x6 ft., 6 ft. deep.
Value, \$75. |
| No. 4 | A shaft, the center of which bears N. 18° 00' W., 230 ft. from Cor. No. 3, Pacific lode; 6x6 ft., 40 ft. deep.
Value, \$800. |
| No. 5 | An open cut, 6 ft. wide, the face of which bears N. 76° 00' W., 642 ft. from Cor. No. 3, Pacific lode; runs N. 45° 00' E., 12 ft. to 6 ft. face.
Value, \$75. |
| No. 1 | The discovery shaft of the Marconi No. 1 lode, the center of which being the discovery point, is on the lode line, 301 ft. from the center of line 2-3; 8x8 ft., 6 ft. deep.
Value, \$100. |
| No. 2 | A shaft, the center of which bears N. 24° 00' W., 348 ft. from Cor. No. 3, Marconi No. 1 lode; 6x6 ft., 8 ft. deep.
Value, \$100. |
| No. 3 | An open cut, 6 ft. wide, the face of which bears N. 16° 00' W., 255 ft. from Cor. No. 3, Marconi No. 1 lode; runs West, 15 ft. to 5 ft. face.
Value, \$100. |
| No. 4 | A shaft, the center of which bears North, 230 ft. from Cor. No. 3, Marconi No. 1 lode; 6x6 ft., 6 ft. deep.
Value, \$100. |
| No. 5 | A shaft, the center of which bears N. 5° 45' E., 235 ft. from Cor. No. 3, Marconi No. 1 lode; 6x8 ft., 8 ft. deep.
Value, \$100. |
| No. 1 | The discovery shaft of the Washington lode, the center of which being the discovery point, is on the lode line, 538 ft. from the center of line 4-1; 6x6 ft., 12 ft. deep.
Value, \$150. |
| No. 2 | An open cut, 6 ft. wide, the face of which bears N. 73° 50' W., 985 ft. from Cor. No. 3, Washington lode, runs East, 12 ft. to 6 ft. face.
Value, \$75. |
| No. 1 | The discovery shaft of the Oregon lode, the center of which being the discovery point, is on the lode line, 356 ft. from the center of line 1-2, 6x6 ft., 8 ft. deep.
Value, \$100. |

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An interest in a common improvement described as follows:

A shaft, known as the Marconi Shaft, the center of which bears S. 80° 15' E., 320 ft. from Cor. No. 1, San Antonio lode; consists of a hoisting compartment and manway, timbered, 5x8 ft. in the clear, 400 ft. deep.

According to records in the possession of the claimant, stations have been cut at the 150, 200, 300, and the 400 foot levels, with an aggregate of over 1,000 ft. of drifting on these levels. Due to water in the workings I was not able to verify these figures, but the size of the dump bears out these statements.

Value of shaft, stations, and drifts, \$40,300.

Value of one-thirteenth interest, \$3,100.

This improvement was made for the development of the thirteen lodes of this survey within the range of benefit of said workings.

The terrain in this area is gently rolling and the water table stands at a depth of about 150 feet below the collar of the Marconi Shaft. This shaft is centrally located with respect to the several lodes of this survey and affords a practical and economical means to dewater this area and to develop these several lodes at depth, using the resulting water to assist in processing the minerals removed.

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 and to the time since which common ownership and continuity have prevailed; therefore, an undivided one-thirteenth interest in its value is hereby credited to each of the lodes of this survey, as no portion of, or interest in, this improvement has been credited heretofore as a patent expenditure to any lode claim.

OTHER IMPROVEMENTS

A shaft, 6x6 ft., 4 ft. deep, the center of which lies on line 2-3, San Antonio No. 4 lode, 265 ft. from Cor. No. 2.

Claimant unknown.

A shaft, 6x6 ft., 4 ft. deep, the center of which lies on line 2-3, San Antonio No. 4 lode, 5 ft. from Cor. No. 3.

Claimant unknown.

A shaft, 6x6 ft., 6 ft. deep, the center of which lies on line 2-3, Marconi No. 1 lode, 355 ft. from Cor. No. 2.

Claimant unknown.

A temporary cabin, of frame construction, the Westerly corner of which bears S. 80° 00' E., 31.0 ft. from Cor. No. 1, Atlantic lode; 14x20 ft. in size, the long sides bearing N. 50° E.

Claimant herein.

A hoist house and toolshed of frame construction, covered with corrugated iron, the Westerly corner of which bears S. 24° 00' E., 55.0 ft. from Cor. No. 4, Josephine lode; 12x28 ft. in size, the long sides bearing N. 62° E.

Claimant herein.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 1998, Pandora lode: Cors. Nos. 3 and 4 are stones, firmly set and properly marked; Cor. No. 1 had

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been destroyed but was replaced (see notes); the stone for Cor. No. 2 was found, loose and was reset (see notes). Line 3-4 was found to be 599.4 ft. in length instead of 600.0 ft. as approved. Bearings found correct as approved.

Sur. No. 2030, Daily News lode: Cor. No. 2 was not found; was replaced alongside an old mound of stone. (See notes); Cor. No. 3 was found, a stone, firmly set and properly marked. A broken stone, firmly set flush with the ground mkd. X-2030 on top, was found just West of line 3-4, Sur. No. 1998, Pandora lode, apparently for the intersection of said line with line 2-3, Sur. No. 2030, Daily News lode. Line 2-3 was found to be N. 63° 34' W., 757.07 ft., thence N. 62° 13' W., 481.0 ft., instead of N. 63° 30' W., 1263.0 ft., as approved. Line 3-4, common with line 2-3, Sur. No. 2030, Nellie lode is accepted as approved.

Sur. No. 2030, Nellie lode: Cors. 3 and 4 are stones, firmly set and properly marked. Line 3-4 was found to be N. 80° 00' W., 1516.9 ft., instead of N. 79° 00' W., 1500.0 ft., as approved.

Sur. No. 2030, Margaret lode: Cors. 2 and 3 are stones firmly set, and properly marked. Line 2-3 was found to be N. 68° 13' W., 1509.7 ft., instead of N. 68° 15' W., 1500.0 ft., as approved.

The cor. of secs. 1, 2, 11, and 12, T. 18 S., R. 12 E., had become obliterated and was reset by calculation from Cor. No. 4, Sur. No. 2030, Nellie lode. I set an iron pipe, 3/4 ins. diam., flush with the surface of the ground alongside a well worn stock trail, surrounded by a mound of stones.

An old mound of stone, (possibly the N'ly. 1/4 cor. of Sec. 12) was found N. 41° 29' W., 656.5 ft., dist., from Cor. No. 1, Olympia lode. No marked stone or accessories could not be found. The record shows the bearing from Cor. No. 1, Sur. No. 2030, Pandora lode to the 1/4 sec. cor. of sec. 12 to be N. 40° 38' W., 634.5 ft. dist.

Two old mound of stones (possibly one marks the location of the W'ly 1/4 sec. cor. of sec. 12) were found. One mound of stone bears N. 84° 45' W., 455.0 ft. dist., and the other mound of stone, bears S. 82° 40' W., 468.0 ft. dist., from Cor. No. 1, San Antonio No. 3 lode, of this survey. No marked stone or other accessories were found.

FIELD ASSISTANTS

Name	Capacity
Harold T. Wearne	Chainman
Frederick Guith	Chainman
Lorenzo Torres	Chainman
Frank Vasquez	Axman - Flagman

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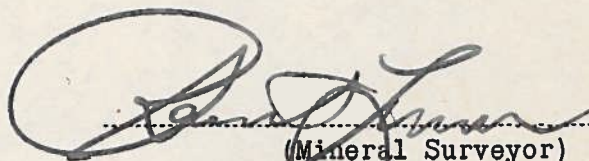
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, Robert Lenon, Mineral Surveyor,
 hereby certify upon honor that in pursuance of an order received from the Office
Cadastral Engineer, Region V, at Albuquerque, New Mexico,
 dated July 9, 1953, I have faithfully and correctly executed the survey
 of the mining claims of J. A. Mulcahy
Oregon, Washington, Olympia, Pacific, Orient,
known as the Atlantic, Josephine, Josephine No. 2, San An-
tonio, San Antonio No. 2, San Antonio No. 3, (lode, placer, or millsite)
San Antonio No. 4, and Marconi No. 1 lode, situate in Sections 2, 11, & 12
T. 18 S., R. 12 E.,
G & S R M Meridian, Arizona, and designated
 as Survey No. 4382 (State)
 which is represented in the fore-
 going 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 ex-
 pended and improvements made upon or for the benefit of the lode
(lode or placer)
 location^s embraced in the said mining claim by 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)
March 5, 1954
 (Date)


 (Mineral Surveyor)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF REVENUE

Received of _____
the sum of _____ Dollars
for _____
this _____ day of _____ 1917.
The receipt of the above sum is hereby acknowledged.
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The receipt of the above sum is hereby acknowledged.

(Signature)

(Name)

(Date)

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
~~RECORDS SURVEY OFFICE~~
Cadastral Engineering

At Phoenix, Arizona

February 8, 1955

I, the Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the forgoing and hereto attached Field Notes and return of the Survey of the
Mining Claim of J. A. Mulcahy

....., known as the
Oregon, Washington, Olympia, Pacific, Orient, Atlantic, Josephine, Josephine
No. 2, San Antonio, San Antonio No. 2, San Antonio No. 3, San Antonio No. 4,
and Marconi No. 1 lodes
situate in Pima mining district,

in Sections 2, 11 and 12, Township No. 18 South, Range No. 12 East,
G. and S. R. Mer., designated as Survey No. 4382, Arizona,

executed by Robert Lenon, Mineral

Surveyor, November 11, 1953 to February 20, 19 54, under ~~my~~ instructions dated

July 9, 19 53, 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

included and made a part of these field notes.

Everett H. Kimmell

Everett H. Kimmell
Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF THIS CLAIM AND JUDGMENT OF THE COMMISSIONER OF PATENTS AND TRADEMARKS



IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the said Department of Commerce at Washington, D. C., this 11th day of February, 1911.

Very truly yours,
Commissioner of Patents and Trademarks

Witness my hand and the seal of the said Department of Commerce at Washington, D. C., this 11th day of February, 1911.

Very truly yours,
Commissioner of Patents and Trademarks

Witness my hand and the seal of the said Department of Commerce at Washington, D. C., this 11th day of February, 1911.



United States Department of the Interior

IN REPLY REFER TO

9632 (942)

BUREAU OF LAND MANAGEMENT

ARIZONA STATE OFFICE
2400 VALLEY BANK CENTER
PHOENIX, ARIZONA 85073

August 20, 1981

Memorandum:

To : Chief, Branch of Records & Data Management (952)
From : Chief, Branch of Cadastral Survey, ASO
Subject: OREGON Lode Mineral Survey No. 4382

The signing of this memorandum hereby cancels the unpatented portion of the OREGON lode, M. S. 4382, which is located in the SE $\frac{1}{4}$ of sec. 2, T. 18 S., R. 12 E.

The following notation should be made on the plat of Mineral Survey No. 4382:

"Survey of that portion of OREGON lode located in section 2 cancelled by Chief, Branch of Cadastral Survey, memorandum dated August 20, 1981."

A notation of this cancellation should also be made on the Mineral Mining District sheet. The plat and field notes should remain in the files. This memorandum should be made a part of the original field notes. The MT Plat should be corrected to agree with the Patent No. 1159174.

That portion of the OREGON lode previously described has been declared null and void by the Chief, Branch of Records & Data Management via memorandum dated August 19, 1981; reference 9632 (952) 3833.

James P. Kelley

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