

MINERAL SURVEY No. 4188

ARIZONA Land District

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

General Electric Company

KNOWN AS THE

COLORADO, DENVER, GLADYS, GOLDEN, TELLURIDE, UNION NO. 6,  
UNION NO. 13 and UNION NO. 14 lodes

Arivaca Mining District,

Pima County, Arizona

Sections 24, 25, 26, Township 20S, Range 9 E, G & S R B & M

Surveyed under instructions dated July 8, 1936, 19

By Ralph L. Motz  
U. S. Mineral Surveyor.

Claim located August 15, 19 30

Survey commenced August 25, 1936, 19

Survey completed September 2, 19 36

Address of claimant 's attorney, B. G. Thompson,  
Consol. Nat. Bank Bldg.,  
Tucson, Arizona.

DATES OF AMENDED LOCATIONS

MINERAL SURVEY NO. 4188 - ARIZONA

Mineral Survey No. 4188 was made with a Gurley & Sons Precise Transit, Light Mountain model, with horizontal limb 6.25 inches in diameter, having two double opposite verniers, and full vertical circle 5 inches in diameter, having one double vernier; the verniers read to one minute of arc; the eye piece is equipped with a prismatic eye piece with colored glass slide for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order. An a.m. altitude observation of the sun for azimuth, and at noon on the meridian for latitude, were made at Cor. No. 3 of the Union No. 13 lode, the details of which observations are shown in the calculation sheets submitted herewith for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape, 150 feet in length, graduated to feet, tenths and hundredths for the entire length; a Keuffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths for the entire length; a Lufkin steel tape, 25 feet in length, graduated to feet, inches and fractions of inches for the entire length. All 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 variation observed at each corner of the survey gave a uniform value of 14° 00' E.

UNION NO. 14

Beginning at Cor. No. 1 of the Union No. 14 lode,

A granite rock, 26x9x5 inches, set 16 inches in the ground for Cor. No. 1, mkd. U14-1-4188, from which

A monument of rocks 3 feet high with 3 foot base bears southwesterly 3.5 ft. dist.

The 1/4 Cor. of Secs. 24 and 25, T 20 S, R 9 E, G & S R M, being a granite rock 5x8 inches, 10 inches above the ground marked 1/4 on north face, monument of rocks alongside, bears S 73° 42' E 369.2 ft. dist.

thence SOUTH

102.86 Intersect line between Secs. 24 and 25 at S 89° 53' E 968.8 ft. from the southwest corner of the SE<sup>4</sup>SW<sup>4</sup> Sec. 24, T 20 S, R 9 E

300.0 East end center, being a mound of stone 3 ft. base, 3 ft. high, agreeing with the east end center of the location

600.0 Cor. No. 2

Set a granite rock, 24x9x6 inches, 12 inches in the ground for Cor. No. 2, mkd. U14-2-4188, from which

A monument of rocks 3 ft. base, 3 ft. high bears northwesterly 3 ft.

thence WEST

41.6 To Cor. No. 1 of the Union No. 13 lode of this survey

170.0 cross road 10 ft. wide, course northerly

1258.0 cross road 10 ft. wide, course northerly

1500.0 Cor. No. 3

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Feet	
	Set a granite rock 25x9x5 inches, 15 inches in the ground for Cor. No. 3, mkd. U14-3-4188, from which A mound of stone, 3 ft. base, 3 ft. high, bears northeasterly 4 ft.
	thence NORTH
300.0	West end center, being a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of the location
600.0	Cor. No. 4 Set a granite rock 23x7x6 inches, 14 inches in the ground for Cor. No. 4, mkd. U14-4-4188; from which A mound of stone, 3 ft. base, 3 ft. high, bears southeasterly 3 ft.
	thence EAST
478.0	Cross road, 10 feet wide, course northerly
531.2	Intersect west line of the SE <sup>4</sup> SW <sup>4</sup> , Sec. 24, T 20 S, R 9 E, North 100.89 ft. from the southwest corner thereof
1331.0	Cross road, 10 feet wide, course northerly
1500.0	Cor. No. 1 and place of beginning.
	UNION NO. 13
	Beginning at Cor. No. 1 of the Union No. 13 lode Set a granite rock 26x9x6 inches, 15 inches in the ground for Cor. No. 1, mkd. U13-1-4188; from which A granite rock in place, 14x32 inches, 8 inches above the ground, bears S 75° 00' W 27.4 ft. dist., mkd. BR x U13-1-4188 A pine post 4 inches square 4 feet long set 18 inches in the ground in a mound of rocks bears southwesterly 4 feet The 1/4 Cor. between Sec. 24 and 25, T 20 S, R 9 E, G & S R M, , previously described, bears N 38° 35' E 635 ft. dist. thence S 5° 18' W
300.0	East end center, being a pine post 4 inches square, 30 inches above the ground set in a mound of rocks, mkd. U13-EECT-4188, agreeing with the east end center of the location
600.0	Cor. No. 2 Set a granite rock, 26x8x5 inches, 16 inches in the ground for Cor. No. 2, mkd. U13-2-4188; from which An iron pipe 2 inches in diameter, 2 ft. above ground, set in concrete, bears N 25° 08' W 200.4 ft. dist. A pine post 4 inches square, 4 feet long, set 18 inches in the ground, in a mound of rocks, bears northwesterly 4 ft.
	thence WEST

Feet	
82.0	Cross road, 10 feet wide,,course northerly
168.5	Cor. No. 3 of the Union No. 6 lode of this survey
1237.0	Cross road, 10 feet wide, course northwesterly
1300.0	Cross road, 10 feet wide, course northwesterly
1500.0	Cor. No. 3
	Set a granite rock in place, 15x34 inches, 22 inches above the ground, for Cor. No. 3, mkd. x U13-3-4188 from which
	A granite ledge 43x61 ins., 10 ins. above the ground bears N 28° 45' E 11.7 ft. dist., mkd. x BR U13-3-4188
	A granite ledge 34x41 ins., 84 ins. above the ground, bears S 67° 38' W 19.15 ft. dist., mkd BR x U13-3-4188
	A pine post, 4 ins. square, 4 ft. long, set on bed rock in a monument of rocks bears southwesterly 2.5 ft. Thence N 5° 18' E
300.0	West end center, being a mound of rocks with 3 ft. base, 3 ft. high, agreeing with west end center of the location
600.0	Cor. No. 4
	Set a granite rock, 24x9x9 ins., set 15 inches in the ground for Cor. No. 4, mkd. U13-4-4188; from which
	A monument of stone, 3ft. base, 3 ft. high, bears Southerly 3 ft. Thence EAST
41.6	To Cor. No. 3 of the Union No. 14 lode of this survey
283.6	Cross road, 10 feet wide, course northerly
1371.6	Cross road, 10 feet wide, course northerly
1500.0	Cor. No. 1 and place of beginning.
	UNION NO. 6
	Beginning at Cor. No. 1 of the Union No. 6 lode
	Set a granite rock 25x8x5 inches, 16 inches in the ground for Cor. No. 1, mkd. U6-1-4188; from which
	A granite ledge, 21x57 ins., 49 ins. above the ground, bears N 45° 30' E 8.0 ft., mkd. x BR U6-1-4188
	A granite ledge, 29x30 ins., 16' ins. above the ground, bears S 23° 02' W 8.8 ft. dist., mkd. BR x U6-1-4188
	A monument of stone, 3ft base, 3 ft. high, bears northeasterly 4 ft.
	The 1/4 sec. cor. of Secs. 25 and 26, T 20 S, R 9 E, G.&S.R.B.M. bears S 29° 11' W 1080 ft. dist., 10x20 ins., 5 ins. above the ground, mkd. 1/4 on west face, being a granite rock

## MINERAL SURVEY NO. 4188, ARIZONA

Feet	Thence NORTH
43.0	Cross Road, 10 feet wide, course northeasterly
213.31	Intersect line 1-2 Sur. No. 1435 Immense lode at S 72° 57' W 1111.37 ft. from Cor. No. 2 thereof
300.0	West end center, a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of the location
591.9	Witness corner to Cor. No. 2
	A granite ledge 63x78 ins., 58 ins. above the ground, mkd. W. C. x U6-2-4188
600.0	Point for Cor. No. 2
	Situated in the center of a creek bed, 10 feet wide, course northeasterly, where a permanent monument can not be established; from this point
	A granite ledge, 106x 26 ins., 53 ins. above the ground bears East 12.3 ft., mkd. BR x U6-2-4188
	A granite ledge 100x28 ins., 85 ins. above the ground, bears West 17.8 ft. dist., mkd. BR x U6-2-4188
	Thence EAST
168.5	To Cor. No. 3 of the Union No. 13 lode of this survey
368.5	Cross road, 10 feet wide, course northwesterly
431.5	Cross road, 10 feet wide, course northwesterly
1500.0	Cor. No. 3
	Set a granite rock 25x9x6 ins., 15 inches in the ground for Cor. No. 3, mkd. U6-3-4188; from which
	Cor. No. 2 of the Union No. 13 lode of this survey bears East 168.5 ft. dist.
	Cor. No. 2 Sur. No. 1435 Immense lode bears S 82° 05' W 441.7 ft., a granite rock 6x10 ins. 8 ins. above the ground, mkd IC No. 2
	A pine post, 4 ft. long, 4 ins square, set 18 ins. in the ground in a mound of rocks, bears southwesterly 4 ft.
	Thence SOUTH
300.0	East End Center, a pine post 4 ft. long, 4 ins. square 30 ins. above the ground in a mound of stone, mkd. U6-EEct-4188, agreeing with the east end center of the location
524.7	Intersect line 1-2 of the Golden lode of this survey at N 74° 12' E 1230.6 ft. from Cor. No. 1 thereof
600.0	Cor. No. 4
	Set a granite rock, 24x7x6 ins., 15 ins. in the ground for Cor. No. 4, mkd. U6-4-4188; from which
	A monument of stone, 3 ft. base, 3 ft. high, bears northwesterly 4 ft.

Feet	Thence WEST
266.10	Intersect line 2-3 Sur. No. 1435 Immense lode at S 17°
312.0	38' E 565.75 ft. from Cor. No. 2 thereof, also intersect line 1-2 Golden lode of this survey, N. 74° 12' E. 954.05 ft. from Cor. No. 1 thereof.
1500.0	Cor. No. 1 and place of beginning
GOLDEN	
Beginning at Cor. No. 1 of the Golden lode	
Identical with Cor. No. 3 of the Colorado lode of this survey, where I set	
A granite rock, 26x8x7 ins., 16 ins. in the ground for Cor. No. 1, mkd G-1-4188; C-3-4188; from which	
A mound of stone, 3 ft. base, 3 ft. high, bears southeasterly 3 ft.	
The 1/4 Sec. Cor. of Secs. 25 and 26, T 20 S, R 9 E, previously described, bears S 50° 58' W 1084.7 ft. dist.	
Thence N 74° 12' E	
908.0	Cross road, 10 feet wide, course northwesterly
954.05	Intersect line 2-3 Survey No. 1435 Immense lode at N 17° 38' W 34.25 ft. from Cor. No. 3 thereof; also intersect line 4-1 of the Union No. 6 lode of this survey at West 266.10 ft. from Cor. No. 4 thereof
1230.6	Intersect line 3-4 of the Union No. 6 lode at North 75.3 ft. from Cor. No. 4 thereof
1310.0	Cross road, 10 feet wide, course northerly
1500.0	Cor. No. 2
Set a granite rock, 26x8x6 ins., 14 ins. in the ground for Cor. No. 2, mkd. G-2-4188; from which	
A mound of stone, 3 ft. base, 3 ft. high, bears westerly 4 ft.	
Thence S 34° 33' E	
316.8	East end center, being a mound of stone, 3 ft. base, 3 ft. high, agreeing with the east end center of the location
633.6	Cor. No. 3
Identical with Cor. No. 2 of the Telluride lode of this survey, where I	
Set a quartzite rock, 24x12x8 ins., 16 ins. in the ground for Cor. No. 3, mkd. G-3-4188; T-2-4188; from which	
A mound of stone, 3 ft. base, 3 ft. high, bears westerly 4 ft.	
Thence S 74° 12' W	
541.0	Cross road, 10 feet wide, course northerly
750.0	Cross road, 10 feet wide, course northwesterly

Feet	
1500.0	Cor. No. 4
	Identical with Cor. No. 1 of the Telluride lode, Cor. No. 2 of the Denver lode, Cor. No. 4 of the Colorado lode all of this survey
	A granite ledge, 14x24 ins., 12 ins. above ground, mkd. x G-4-4188; T-1-4188; D-2-4188; C-4-4188; from which
	A granite ledge, 30x43 ins., 12 ins. above the ground bears S 87° 45' W 5.4 ft. mkd BR x G-4-4188
	A granite ledge, 25x84 ins., 32 ins. above the ground bears S 84° 02' E 18.7 ft., mkd. BR x G-4-4188
	A mound of stone, 3 ft. base, 3 ft. high, bears northerly 3 ft.
	Thence N 34° 33' W
316.8	West end center, a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of location, identical with the east end center of the Colorado lode of this survey
575.74	Intersect line 3-4 of Survey No. 1435 Immense lode at S 72° 57' W 936.76 ft. from Cor. No. 3 thereof
633.6	Cor. No. 1 and place of beginning.
	TELLURIDE
	Beginning at Cor. No. 1
	Identical with Cor. No. 4 of the Golden lode of this survey, Previously described; from which
	The 1/4 sec. cor. of Secs. 25 and 26, T 20 S, R 9 E, G & S R <del>3</del> M, previously described, bears S 82° 21' W 1212.6 ft. dist.
	Thence N 74° 12' E
750.0	Cross road, 10 feet wide, course northwesterly
959.0	Cross road, 10 feet wide, course northerly
1500.0	Cor. No. 2, which is identical with Cor. No. 3 of the Golden lode of this survey
	Thence S 34° 33' E
316.8	East end center, a mound of stone, 3 ft. base, 3 ft. high agreeing with the east end center of the location
633.6	Cor. No. 3
	Set a granite rock, 24x10x7 ins., 14 ins. in the ground for Cor. No. 3, mkd. T-3-4188; from which
	A mound of stone, 3 ft. base, 3 ft. high, bears northwesterly 4 ft.
	Thence S 74° 12' W
50.0	Cor. No. 2 of the Gladys lode of this survey
1152.0	Cross Road, 10 feet wide, course northeasterly

Feet

1500.0 Cor. No. 4

Identical with Cor. No. 3 of the Denver Lode of this survey

Top of a granite ledge 72x108 ins., 69 ins. high, mkd. T-4-4188; D-3-4188; x; from which

A granite ledge 20x35 ins., 18 ins. high above the ground, bears N 74° 16' W 15.7 ft. dist; mkd. BR x T-4-4188

A mound of stones, 3 ft. base, 3 ft. high, bears northwesterly 3 ft.

Thence N 34° 33' W

316.8 West end center, identical with the east end center of the Denver lode of this survey, a mound of rocks, 3 ft. base, 3 ft. high, agreeing with the west end center of location

633.6 Cor. No. 1 and place of beginning.

GLADYS

Beginning at Cor. No. 1

Set a granite rock 26x9x6 ins., ~~14~~ 14 ins. in the ground for Cor. No. 1, mkd. G-1-4188; from which

A granite ledge 29x128 ins., 35 ins. high above the ground, bears S 18° 42' E 10.5 ft. dist., mkd. BR x G-1-4188

A granite ledge 47x82 ins., 19 ins. high above the ground, bears N 65° 36' W 13.3 ft. dist., mkd. BR x G-1-4188

A mound of stone, 3 ft. base, 3 ft. high, bears westerly 5 ft.

The 1/4 sec. cor. of Secs. 25 and 26, T 20 S, R 9 E, G & S R B & M, previously described, bears N 76° 07' W 1558.6 ft. dist.

Thence N 74° 12' E

50.0 Cor. No. 4 of the Telluride lode of this survey

398.0 Cross road, course northeasterly, 10 feet wide

1500.0 Cor. No. 2

Set a granite rock 24x8x6 ins., 14 ins. in the ground for Cor. No. 2, mkd. G-2-4188; from which

Cor. No. 3 of the Telluride lode of this survey bears N 74° 12' E 50.0 ft. dist.

A mound of stone, 3 ft. base, 3 ft. high, bears northwesterly 4 ft.

Thence S 34° 33' E

316.8 East end center, a mound of stone, 3 ft. base, 3 ft. high ~~bears~~ agreeing with the location of the east end center of the location



Feet

633.6 Cor. No. 3

Set a quartzite rock, 23x6x6 ins. 12 ins. in the ground for Cor. No. 3, mkd. G-3-4188; from which

A mound of stone, 3 ft. base, 3 ft. high, bears westerly 4 ft.

Thence S 74° 12' W

895.12 Intersect line 2-3 Survey No. 1435 Nugget lode at S 69° 53' E 1056.02 ft. from Cor. No. 2 thereof

1474.0 Cross road, 10 ft. wide, course northerly

1500.0 Cor. No. 4

Set a granite rock, 25x9x6 ins., 13 inches in the ground for Cor. No. 4, mkd. G-4-4188; from which

A granite ledge, 43x47 ins., 30 ins. high above the ground, bears S 75° 05' E 12.8 ft. dist., mkd. BR x G-4-4188

A granite ledge, 35x68 ins., 49 ins. high above the ground, bears S 33° 03' W 13.1 ft. dist., mkd. BR x G-4-4188

A mound of stone, 3 ft. base, 3 ft. high, bears southwesterly 3 ft.

Thence N 34° 33' W

220.0 Cross road, 10 feet wide, bears northerly

316.8 West end center, being a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of the location

613.54 Intersect line 2-3 of Survey No. 1435 Nugget lode, at S 69° 53' E 65.62 ft. dist. from Cor. No. 2 thereof

633.6 Cor. No. 1 and place of beginning.

### COLORADO

Beginning at Cor. No. 1

Identical with Cor. No. 1 of the Denver lode of this survey, and situated on line 4-1 of Survey No. 1435 Grand No. 2 lode

A granite rock in place 6x27 ins., 13 ins. high above the ground, for Cor. No. 1, mkd. x C-1-4188; D-1-4188; from which

A granite ledge, 24x61 ins., 50 ins. high above the ground, bears N 34° 40' W 11.3 ft. dist., mkd. BR x c-1-4188

A mound of stone, 3 ft. base, 3 ft. high, bears northeasterly 3 ft.

The 1/4 sec. cor. of Secs. 25 and 26, T 20 S, R 9 E, G & S R D & M bears N 44° 20' E 345.5 ft. dist., previously described

Thence N 34° 33' W

316.8 West end center, being a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of the

Feet	location
633.6	Cor. No. 2. Situating on line 4-1 Sur. No. 1435 Grand No. 2 lode at S 34° 33' E 663.2 ft. from Cor. No. 4 thereof, and on line 2-3 Sur. No. 1435 Immense No. 1 lode, at S 78° 05' W 982.44 ft. from Cor. No. 2, thereof A granite rock, 6x10 ins., 10 ins. high above the ground, mkd. IC-GC, to which I add C-2-4188; from which A granite ledge 27x29 ins., 18 ins. high above the ground, bears S 35° 44' E 19.7 ft. dist., mkd. BR x C-2-4188 A granite ledge, 19x43 ins., 44 ins. above the ground, bears N 33° 42' W 17.3 ft. dist., mkd. BR x C-2-4188 A mound of stone, 3 ft. base, 3 ft. high, bears southwesterly 3 ft. Thence N 74° 12' E
978.05	Intersect lines 1-2 and 4-1 of Survey No. 1435 Immense No. 1 and Immense lodes, respectively, at N 17° 38' W 66.57 ft. dist. from Cors. No. 2 and 4, respectively.
1500.0	Cor. No. 3 Identical with Cor. No. 1 of the Golden lode of this survey, previously described Thence S 34° 33' E
57.86	Intersect line 3-4 Sur. No. 1435 Immense lode at N 72° 57' E 538.54 ft. dist from Cor. No. 4 thereof
316.8	East end center, identical with the west end center of Golden lode this survey, and agreeing with the east end of the location
633.6	Cor. No. 4 Identical with Cor. No. 4 of the Golden lode of this survey, previously described Thence S 74° 12' W
694.52	Intersect line 3-4 Sur. No. 1435 Nugget No. 1 <sup>lode,</sup> at S 69° 53' E 482.07 ft. dist., from Cor. No. 3, thereof
1290.90	Intersect line 2-3 Sur. No. 1435 Nugget No. 1 lode at S 20° 16' W 349.84 ft. from Cor. No. 3 thereof
1500.0	Cor. No. 1 and place of the beginning. DENVER Beginning at Cor. No. 1 Identical with Cor. No. 1 of the Colorado lode of this survey, previously described Thence N 74° 12' E
209.10	Intersect line 2-3 Sur. No. 1435 Nugget No. 1 lode at N 20° 16' E 242.26 ft. dist. from Cor. No. 2 thereof

Feet	
805.48	Intersect line 3-4 Sur. No. 1435 Nugget No. 1 lode at N 69° 53' W 989.63 ft. from Cor. No. 3 thereof
1500.0	Cor. No. 2 Identical with Cor. No. 4 Golden lode of this survey, previously described Thence S 34° 33' E
316.8	East End Center, identical with west end center of the Telluride lode of this survey and with the east end center of the location
633.6	Cor. No. 3 Identical with Cor. No. 4 Telluride lode of this survey, previously described Thence S 74° 12' W
50.0	Cor. No. 1 of the Gladys lode of this survey
69.78	Intersect line 2-3 Sur. No. 1435 Nugget lode at S 69° 53' E 33.23 ft. dist. from Cor. No. 2 thereof
110.88	Intersect line 1-2 Sur. No. 1435 Nugget lode at S 20° 16' W 24.11 ft. dist. from Cor. No. 2 thereof and line 4-1 Sur. No. 1435 Nugget No. 1 lode at S 20° 16' W 24.11 ft. from Cor. No. 4 thereof
1084.65	Intersect lines 1-2 and 4-1 of Sur. No. 1435 Nugget No. 1 and Grand No. 1 lodes respectively at S 69° 37' E 684.57 ft. dist. from Cor. Nos. 2 and 4 respectively
1500.0	Cor. No. 4 Set a granite rock, 24x10x4 ins., 14 ins. in the ground for Cor. No. 4, mkd. D-4-4188; from which A mound of stone, 3 ft. base, 3 ft. high, bears northerly 5 ft. Thence N 34° 33' W
316.8	West end center, being a mound of stone, 3 ft. base, 3 ft. high, agreeing with the west end center of the location.
426.8	To Cors. 2, 4 and 1 of Survey No. 1435 Nugget No. 1, Grand No. 1 and Grand No. 2 lodes, respectively
633.6	Cor. No. 1 and place of beginning.

## LODE LINES

The presumed course of the vein of each of the several lode locations embraced in this survey, counted from the respective points of discovery, is as follows:-

Union No. 14 lode, EAST 130 ft., and WEST 1370 ft.

Union No. 13 lode, EAST 200 ft., and WEST 1300 ft.

UNION NO. 6 lode, East 150 ft. and WEST 1350 ft.

Golden lode, N 74° 12' E 130 ft., and S 74° 12' W 1370 ft.

Telluride lode, N 74° 12' E 220 ft. and S 74° 12' W 1280 ft.

Gladys lode, N 74° 12' E 170 ft., and S 74° 12' W 1330 ft.  
 Colorado lode, N 74° 12' E 50 ft., <sup>and</sup> S 74° 12' W 1450 ft.  
 Denver lode, N 74° 12' E 100 ft., and S 74° 12' W 1400 ft.

AREAS

	acres
Total area, Union No. 14 lode - - - - -	20.661
Area in conflict with	
SE <sup>4</sup> SW <sup>4</sup> Sec. 24, T 20 S, R 9 E - - - - -	2.266
Total area, Union No. 13 lode - - - - -	20.573
Total Area, Union No. 6 lode - - - - -	20.661
Area in conflict with	
Survey No. 1435 Immense lode - - - - -	10.238
Golden lode of this survey - - - - -	0.230
Total area, Golden lode - - - - -	20.560
Area in conflict with	
Sur. No. 1435 Immense lode - - - - -	0.968
Total area, Telluride lode - - - - -	20.560
Total area, Gladys lode - - - - -	20.560
Area in conflict with	
Sur. No. 1435 Nugget lode, - - - - -	4.034
Total area, Colorado lode - - - - -	20.560
Area in conflict with	
Sur. No. 1435 Immense lode - - - - -	0.740
Sur. No. 1435 Immense No. 1 lode - - - - -	0.749
Sur. No. 1435 Nugget No. 1 lode - - - - -	1.936
Total area, Denver lode - - - - -	20.560
Area in conflict with	
Sur. No. 1435 Nugget lode - - - - -	0.009
Sur. No. 1435 Nugget No. 1 lode - - - - -	12.991
Sur. No. 1435 Grand No. 1 lode - - - - -	1.927

LOCATION

This survey is located in SW<sup>4</sup> Sec. 24, Sec. 25 and the E<sup>2</sup> Sec. 26, T 20 S, R 9 E, G & S R D & M, Arizona.

The survey of each of the locations of this survey is identical with the original location as marked on the ground.

EXPENDITURE OF \$500

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode loca-

tions embraced in said mining claim by the claimant or its grantors is not less than \$500, and that said improvements consist of:-

- No. 1 The discovery shaft of the Union No. 14 lode, the center of which being the discovery point, is on the center line 130 ft. from the east end center, 4x6 ft., 8 ft. deep  
Value \$40
- No. 1 The discovery point of the Union No. 13 lode is on the center line 200 ft. from the east end center
- No. 2 A shaft, the center of which bears from the east end center N 72° 25' W 170 ft., 4x8 ft., 8 ft. deep  
Value \$50
- No. 1 The discovery point of the Union No. 6 is on the center line 150 ft. from the east end center
- No. 2 A shaft, the center of which bears from the east end center N 62° 50' W 115 ft., 4x6 ft., 8 ft. deep  
Value \$40
- No. 1 The discovery shaft of the Golden lode, the center of which being the discovery point is on the center line 130 ft. from the east end center, 4x6 ft., 8 ft. deep  
Value \$40
- No. 1 The discovery shaft of the Telluride lode, the center of which being the discovery point, is on the center line 220 ft. from the east end center, 4x6 ft., 8 ft. deep  
Value \$40
- No. 1 The discovery shaft of the Gladys lode, the center of which being the discovery point is on the center line 170 ft. from the east end center, 4x6 ft., 8 ft. deep  
Value \$40
- No. 1 The discovery cut of the Colorado lode, the face of which being the discovery point is on the center line, 50 ft. from the east end center, 5 ft. wide, 8 ft. face, runs West 12 ft. to face  
Value \$50
- No. 2 An open cut, the mouth of which bears from the east end center on the center line 250 ft., 4 ft. wide, 10 ft. face, runs West 16 ft. to face  
Value \$65
- No. 1 The discovery cut of the Denver lode, the face of which being the discovery point is on the center line 100 ft. from the east end center, 5 ft. wide, 8 ft. face, runs West 15 ft. to face  
Value \$60
- No. 2 An open cut, the face of which bears from the east end center ~~S 83° 40' W~~ S 83° 40' W 182 ft., 4 ft. wide, 8 ft. face, runs west 16 ft. to face  
Value \$50

The eight lode locations embraced in this survey, the four lode locations embraced in Survey No. 4189 and the eight claims embraced in Survey No. 1435 form a contiguous group of 20 mining claims, all of which are owned by the claimant herein, so the development work of this group has been concentrated at one point and all work done here tends to develop each claim of this group and is a common improvement.

The main workings of the group are situated on the Grand lode of Survey No. 1435, consisting of an incline shaft, a tunnel and several levels run from the shaft

The center of this shaft bears from Cor. No. 1, Survey No. 1435 Grand lode S 16° 45' E 317 ft. Incline 60° to the north. The shaft was inaccessible and the following record is from Company records that I believe are accurate. Previous depth of shaft 200 ft. From this level the shaft, 6 x 9 ft. was sunk to the 250 ft. level and then 50 ft. below that, making a total additional depth of 100 ft. Shaft is timbered with 2 compartments, skipway, and manway. ~~XXXXX~~

Value \$5000

From the 250 ft. level a drift 5x7 ft. runs  
 N 76° W 35 ft. to winze, 5x8 ft. 10 ft. deep  
 N 64° 10' W 50 ft.  
 N 81° W 100 ft.  
 N 62° 30' W 25 ft.  
 N 30° 15' W 54 ft. to breast.

From the 250 ft. level of this shaft, drift 5x7 ft. runs  
 East 20 ft.

N 51° 15' E 17 ft. to crosscut N 51° 15' E 35ft.  
 S 73° 45' E 15 ft. to crosscut N 69° E 23 ft.  
 S 50° 45' E 48 ft.  
 East 16 ft.  
 N 62° 30' E 35 ft.  
 North 23 ft.  
 N 15° W 80 ft. to breast

Value drifts, crosscuts and winze \$7100

Value of a 1/20 interest in shaft, crosscuts, drifts and winze \$605

By "previous depth" of the shaft is meant the depth of the shaft at the time of the location of the claims embraced in this survey and Survey No. 4189. The additional work outlined above has been done since the location of these lode mining claims.

\*(Insert page 15 here)

Other Improvements.

Adobe house, 13.5 x 17 ft. long, long side bearing N 35° E, the southwest corner of which bears from Cor. No. 3 of the Union No. 13 lode of this survey, N 23° 10' E 196 ft.

#### Report.

Survey No. 1435, Immense Lode; Cor. No. 1 is a granite rock 8 x 12 x 6 ins. above the ground, mkd. IC CNol and ICNol CNol; Cor. No. 2 is a granite rock 6x10x8 ins. above the ground mkd IC No2; Cor. No. 3 is a granite rock 4x12x6 ins. above the ground mkd. IC No3; Cor. No. 4 is a granite rock 8x10x16ins. above an old monument mkd. IC CNo4 and ICNol CNo2. I find line 1-2 to be N 72° 57' E 1475.3 ft. instead of N 72° 15' E 1500 ft.; line 2-3 to be S 17° 38' E instead of S 17° 45' E; line 3-4 to be S 72° 57' W 1475.3 ft. instead of S 72° 15' W 1500 ft.; and line 4-1 to be N 17° 38' W instead of N 17° 45' W.

Survey No. 1435, Immense No. 1 lode; Cor. No. 1 is identical with Cor. No. 1 of the Immense lode; Cor. No. 2 is identical with Cor. No. 4 of the Immense lode; Cor. No. 3 is a granite rock 10x12x15 ins. above ground mkd. ICN1 CN3. I find line 2-3 to be S 78° 05' W instead of S 78° 15' W

Survey No. 1435, Grand No. 2 lode; Cor. No. 1 is a granite rock 8x10x16 ins. above the ground mkd. GCNo2 CN1, GCNol CN4, NCNol 2; I find line 4-1 to be S 34° 33' E 1503.6 ft. instead of S 34° 45' E 1500.0 ft.

Cor. No. 4 is a granite rock in place 4x6x6 ft. above ground, mkd. GCN2-CN4-1435

Survey No. 1435, Nugget No. 1 lode; Cor. No. 1 is a granite rock 14x16x8 ins. above the ground, mkd. NCN1-CN1; NC-CN1; GC-CN1; GCN1-CN1; Cor. No. 2 is identical with Cor. No. 1 Survey No. 1435 Grand No. 2 lode; Cor. No. 3 is a granite rock in place 12x16x24 ins. above the

ground mkd NCN01-CN3; Cor. No. 4 is a granite rock 4x10x10 x10 ins. above the ground mkd NC-CN2; NCN1-CN4. I find line 1-2 to be N 69° 37' W 1471.7 ft. instead of N 70° W 1500 ft.; line 2-3 to be N 20° 16' E 592.1 ft. instead of N 20° E 600 ft.; 3-4 to be S 69° 53' E 1471.7 ft. instead of S 70° E 1500 ft.; line 4-1 to be S 20° 16' W 599.0 ft. instead of S 20° W 600 ft.

Survey No. 1435, Nugget lode; Cor. No. 1 is identical with Cor. No. 1 of Survey No. 1435 Nugget No. 1 lode; Cor. No. 2 is identical with Cor. No. 4 of Survey No. 1435 Nugget No. 1 lode; Cor. No. 3 is a granite rock 6x12x16 ins. above the ground mkd NC-CN3; I find line 2-3 to be S 69° 53' E instead of S 70° E

1100 ft. TUBS

By previous depth of the shaft is meant the depth of the shaft at the time of the location of the claims embraced in this survey and Survey No. 4189. The additional work outlined above has been done since the location of these lode mining claims.

Other Improvements.

above house, 13.5 x 17 ft. long, long side bearing N 35° E the southwest corner of which bears from Cor. No. 8 of the Union No. 12 lode of this survey, N 35° 10' E 100 ft.

Report.

Survey No. 1435, Immense lode; Cor. No. 1 is a granite rock 8 x 12 x 6 ins. above the ground, mkd. GCN01 and ICN01; Cor. No. 2 is a granite rock 6x10x8 ins. above the ground mkd IC Nos; Cor. No. 3 is a granite rock 4x12x8 ins. above the ground mkd. IC Nos; Cor. No. 4 is a granite rock 6x10x16 ins. above an old monument mkd. IC CN04 and ICN01. I find line 1-2 to be N 72° 37' W 1475.3 ft. instead of N 72° 18' E 1500 ft.; line 2-3 to be S 17° 38' E instead of S 17° 45' E; line 3-4 to be S 78° 37' W 1475.3 ft. instead of S 78° 18' W 1500 ft.; and line 4-1 to be N 17° 38' E instead of N 17° 45' E.  
Survey No. 1435, Immense No. 1 lode; Cor. No. 1 is identical with Cor. No. 1 of the Immense lode; Cor. No. 2 is identical with Cor. No. 4 of the Immense lode; Cor. No. 3 is a granite rock 10x12x16 ins. above ground mkd. ICN1 CN3. I find line 2-3 to be S 78° 03' W instead of S 78° 18' W  
Survey No. 1435, Grand No. 2 lode; Cor. No. 1 is a granite rock 6x10x16 ins. above the ground mkd. GCN02 CN1 and ICN01 CN1; I find line 4-1 to be S 24° 33' E 1500.0 ft. instead of S 24° 45' E 1500.0 ft.

## MINERAL SURVEY NOS. 4188, 4189 - Arizona.

*(Insert at \* page 13)*

The following is a list of elevations at certain points of Mineral Survey No. 4188 and Mineral Survey No. 4189 to accompany map showing the contiguous group of 20 claims; Survey No. 1435, Survey No. 4188 and Survey No. 4189. The elevations are referred to sea-level datum.

Survey No. 1435 - Grand lode - mouth of tunnel, main workings - elevation 3423 ft.

## Survey No. 4188 -

Union No. 14 - Cor. No. 4 - 3250 ft.  
 Union No. 13 - West end center - 3292 ft.  
                   Cor. No. 2 - 3270 ft.  
 Union No. 6 - West End Center - 3435 ft.  
 Colorado - Cor. No. 2 - 3649 #  
 Telluride - Cor. No. 1 - 3656 #  
 Gladys - west end center - 3445 ft.  
 Denver - Cor. No. 4 - 3857 ft.

## Survey No. 4189

Union No. 10 - Cor. No. 2 - 3585 ft.  
 Union No. 15 - Improvement No. 10 3600 ft.  
 Union No. 16 - Cor. No. 2 3400 ft.  
                   Cor. No. 4 - 3750 ft.



# FINAL OATHS FOR SURVEYS

## LIST OF NAMES

A list of the names of the individuals employed by Ralph L. Motz

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of \_\_\_\_\_

General Electric Company, known as Colorado, Denver, Gladys, Golden, Telluride, Union No. 6, Union No. 13 and Union No. 14 lodes  
~~known as the~~ \_\_\_\_\_

and showing the respective capacities in which they acted.

Keith Estes \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Acman.*

\_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS

~~was~~ I, Keith Estes \_\_\_\_\_

and \_\_\_\_\_, do solemnly swear that ~~we~~ assisted Ralph L. Motz

\_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of General Electric Company, known as the

Colorado, Denver, Gladys, Golden, Telluride, Union No. 6, Union No.

~~known as the~~ No. 13 and Union No. 14 lodes \_\_\_\_\_

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his

direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully

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

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

Keith Estes \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Acman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 18th

day of September, 19 36

Hubert R. Dewolf \_\_\_\_\_

Notary Public, in and for the County of \_\_\_\_\_  
Pima, State of Arizona.

GOVERNMENT PRINTING OFFICE

6-1048

My commission expires 6/18/39

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Ralph L. Motz, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated July 8, 1936,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of General  
Electric Company, known as the Colorado, Denver, Gladys, ~~known as the~~  
Golden, Telluride, Union No. 6, Union No. 13 and Union No. 14 lodes,  
situate in Arivaca Mining District,  
Pima County, Arizona, in Section  
24, 25, 26, Township No. 20 S, Range No. 9 E, G&SRM  
and designated as Survey No. 4188, as represented  
in the foregoing field notes, which accurately show the boundaries of said mining claim  
as distinctly marked by monuments on the ground, and described in the attached copy of  
the location certificate, which was received by me from the Office Cadastral Engineer  
with said instructions, and that all corners of said survey have been established and  
perpetuated in strict accordance with the law, official regulations and instructions  
thereunder; and I do further solemnly swear that the foregoing are the true and original  
field notes of said survey and my report therein, and that the labor expended and im-  
provements made upon said mining claim by claimant or its  
grantors are as therein fully stated, and that the character, extent, location, and  
itemized value thereof are specified therein with particularity and full detail, and  
that no portion of said labor or improvements so credited to this claim has been in-  
cluded in the estimate of expenditures upon any other claim.

*Ralph L. Motz*  
(U. S. Mineral Surveyor)

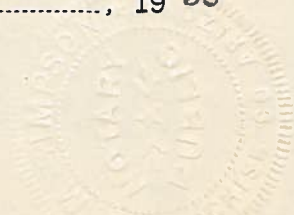
Subscribed and sworn to by the said Ralph L. Motz

U. S. Mineral Surveyor, before me D. M. Simpson, Notary Public

this 17th

day of September, 19 36

*D. M. Simpson*  
Notary Public, in and for the  
County of Cochise, State of Arizona  
My commission expires Aug. 9, 1937.



OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

September 10, 1937

I, Office Cadastral Engineer, at Phoenix, Arizona

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

General Electric Company known as the COLORADO, DENVER, GLADYS, GOLDEN, TELLURIDE, UNION NO. 6, UNION NO. 13, and UNION NO. 14 lodes situate in Arivaca

Mining District Pima County Arizona

in Sections 24, 25, 26 Township No. 20 S, Range No. 9 E, and

designated as Survey No. 4188, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or its grantors,

and that said improvements consist of 6 shafts and 4 cuts, value \$475. An undivided 1-20th interest, value \$605, in the main workings on the Grand lode, Sur. No. 1435, is credited to each claim of this survey.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix Arizona is correct and in conformity with the foregoing Field Notes.

Sherman C. Piske

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

..... September 10 ....., 19 37

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of .....

General Electric Company

....., known as the  
COLORADO, DENVER, GLADYS, GOLDEN, TELLURIDE, UNION NO. 6,  
UNION NO. 13, and UNION NO. 14 lodes

situate in Arivaca ..... mining district,

Pima County, Arizona

in Sections 24, 25, 26 ....., Township No. 20 S ....., Range No. 9 E

....., designated as Survey No. 4188

executed by Ralph L. Motz ....., U. S. Mineral

Surveyor, August 25 - September 2 ....., 19 36, under my instructions dated

July 8, ....., 19 36, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

*Sherman C. Fiske*  
.....  
Office Cadastral Engineer.