

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number

4722

State

Arizona

Land District

Arizona

FIELD NOTES

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

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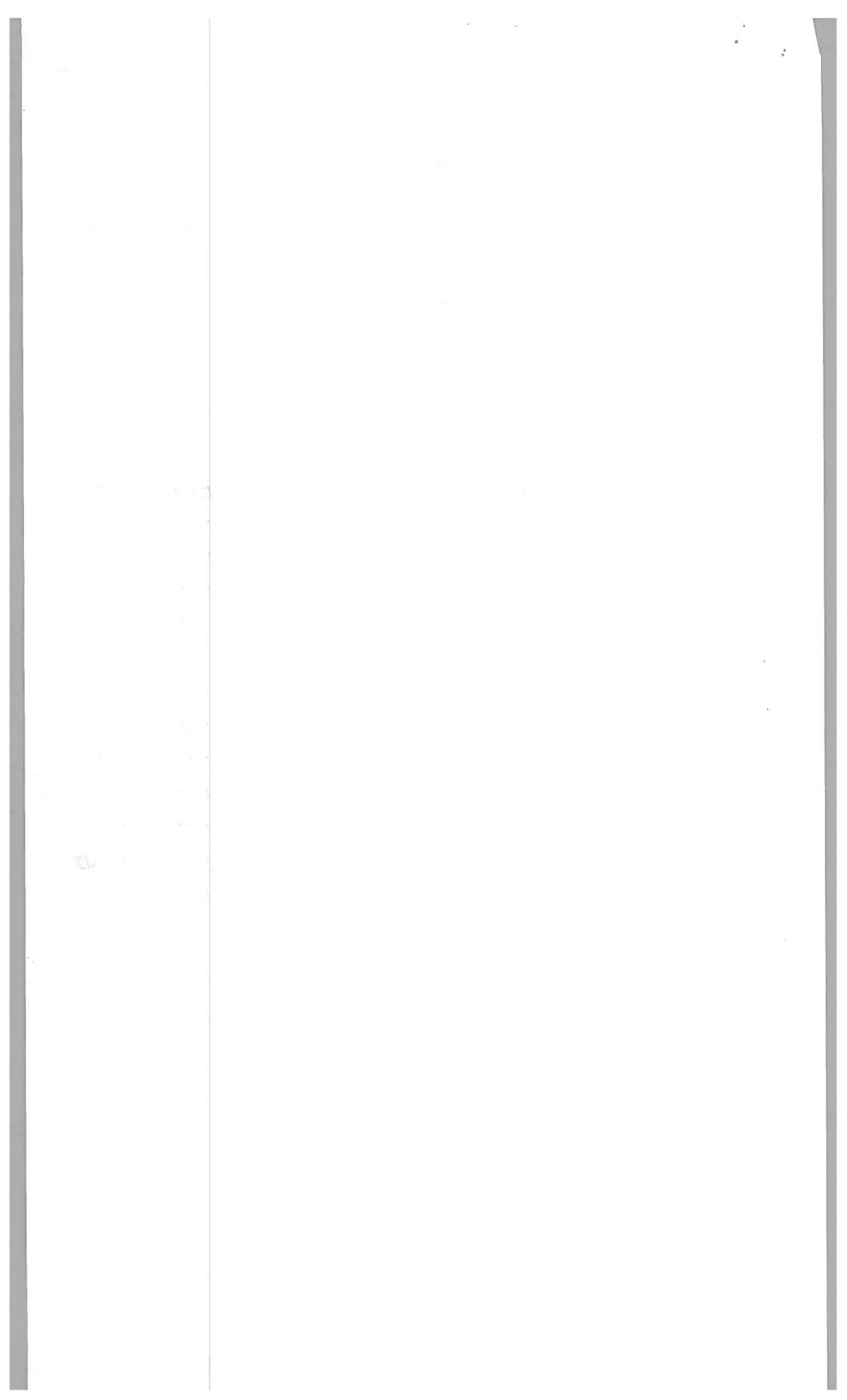
Known as the *(name of group, if any)*

London Arizona Claim Group

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
PIRATE	6/7/39	1/31/41
O'Carroll	8/31/40	
Old Hayseed	8/31/40	
Cobre Hierro	8/31/40	
Emerald	8/31/40	
Ringtail Snorter	8/31/40	
BLUE BIRD	6/5/39	1/31/41
Mid West	4/14/48	
GRAND VIEW	6/6/39	1/31/41
Logan	8/31/40	
JUNCTION	6/5/39	1/31/41
QUARTZITE	8/5/39	1/31/41
Whistler	8/31/40	

Mining district Banner			County Gila	
Sections 22, 23 26 and 27	Township 4 South	Range 15 East	Meridian Gila & Salt River	Survey under order dated May 23, 1972
Survey commenced July 5, 1975		Survey completed Aug. 18, 1975	Name of Mineral Surveyor Travis L. Gant	



FEET

This survey was made with a Kern theodolite, Model DKM-2AE Ser. No. 145997, having automatic vertical indexing and microscopic angle reading capabilities enabling the instrumentman to read angles, either horizontal or vertical, to 1 sec. of arc. This instrument was used in conjunction with electronic distance-measuring equipment, i.e., a Hewlett-Packard Model 3800 Distance Meter, Ser. No. 0987 A 00472, having a range of 10,000 feet and an absolute accuracy of 0.01 feet plus the distance measured divided by 100,000 when operated in normal temperature ranges. Also available for use by the instrumentman was a W. & L. E. Gurley transit, Ser. No. 57289, equipped with horizontal limb  $6\frac{1}{2}$  ins. diam., having two double opposite verniers and a full vertical circle 5 ins. diam., having one double vernier; the horizontal verniers read to 30 secs. of arc; the vertical vernier reads to one minute of arc. This instrument was used for short-distance taping and alignment procedures and for topographic detail where great distances were not involved.

All bearings in this record were determined by the method of deflection angles referred to the meridian determined by the following solar observation:

August 4, 1975, at a point on line 1-2 of the PIRATE lode, 324.31 ft. from Cor. No. 1, in latitude  $33^{\circ} 03' 37''$  N., and longitude  $110^{\circ} 47' 24''$  W., as determined by scaling from U.S.G.S. quadrangle HAYDEN, ARIZ., dated 1964, at elevation 3710 ft. above mean sea level, and temperature  $95^{\circ}$  F., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the theodolite telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a reference point approximately 2725 feet northerly, clockwise to the sun.

Mean time of observation, 105th  
meridian, standard time = 9:32 a.m.

Declination of sun at mean  
time of observation = N.  $17^{\circ} 17' 02''$

Mean observed vertical angle to  
sun's center, corrected for  
refraction and parallax =  $46^{\circ} 38' 45''$

Mean horizontal angle from  
reference point to sun's center  
turned clockwise and to the  
right to sun's center =  $89^{\circ} 46' 22''$

True bearing to reference  
point = N.  $10^{\circ} 11' 30''$  E.

FEET

The lines were measured with either a Lufkin steel tape or with the aforementioned electronic distance meter. The tape was 500 feet in length, graduated every foot for 500 feet, with an added foot on the zero end graduated in tenths and hundredths; the tape was compared with a standard 100.00 foot tape at the time of the beginning of the survey and was found to be correct. The distance meter was compared with a taped course, 1200 feet in length, measured as a base-line with a standard 100.00 foot tape, and found to be precise and accurate.

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

The magnetic declination observed at each corner of the survey gave a uniform value of 13° 30' E.

Note concerning monumentation: All corners and witness corners of this survey were monumented with iron posts, 2 ft. long, consisting of 3/4-inch nominal diam. water pipe having 1 ins. exterior diam., into the top of each of which was cemented a brass cap, 2 ins. diam., with a stem 2½ ins. long. Epoxy materials were used for grouting the cap-stem into the pipe. Each cap was marked as described herein, using 1/8-inch steel dies for lettering and numbering. All such brass-capped posts were set in the ground in a foundation of at least ½ cu. ft. of high early-strength portland cement concrete, mixed at the site. Alongside every corner monument I have caused to be erected a rock monument whose base is not less than 2½ ft. in diam. and whose height is not less than 2½ ft.

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Mineral Survey No. 4722

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PIRATE Lode

At Cor. No. 1 of the PIRATE lode, identical with Cor. No. 4 of the O'Carroll lode of this survey.

Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete foundation, with brass cap mkd. PIR-1-4722 and O'C-4-4722; from which

The cor. of secs. 22, 23, 26 and 27, T. 4 S., R. 15 E., G.&S.R.M., bears N. 33° 43' 09" W., 742.96 ft. dist.; monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, and marked as described in the official record.

FEET		
	Thence S. 10° 11' 30" W.	
299.	Lode line; discovery point bears S. 79° 53' 55" E., 775.00 ft. dist.	
324.31	Intersect line 2-3 of the Cobre Hierro lode of this survey; also center of drill-site access road, 12 ft. wide, bears E. and W.	
494.	Road; bears West and N. 80° E.	
598.71	The true point for Cor. No. 2, identical with Cor. No. 2 of the Mid West lode of this survey.  This corner falls in unconsolidated fill material below the shoulder of an access road where a monument cannot be preserved; witnessed S. 10° 11' 30" W., 19.76 ft. dist., hereinafter described.	
	Thence S. 79° 55' 33" E.	
35.	Center of access road, 12 ft. wide, bears N. 45° W. and S. 55° E.	
1,499.00	Cor. No. 3, identical with Cor. No. 3 of the Mid West lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. PIR.-3-4722 and M W-3-4722.	
	Thence N. 10° 11' 30" E.	
299.	Lode line; discovery point bears N. 79° 53' 55" W., 724.00 ft. dist.	
450.99	Intersect Cor. No. 2 of the GRAND VIEW lode of this survey, hereinafter described.	
596.14	Cor. No. 4, identical with Cor. No. 3 of the O'Carroll lode, on line 1-2 of the GRAND VIEW lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. PIR-4-4722 and O'C-3-4722.	
	Thence N. 79° 49' 40" W.	
230.	Top of cliff; rim bears NE. and SW.	
970.	Center of road, 12 ft. wide, bears N. 15° E. and S. 10° W.	
1,108.68	Intersect line 2-3 of the Cobre Hierro lode of this survey.	
1,499.00	Cor. No. 1, and place of beginning.	

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FEET	
	<p>O'Carroll Lode</p> <p>At Cor. No. 1 of the O'Carroll lode, identical with Cor. No. 1 of the Old Hayseed lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. O'C-1-4722 and OH-1-4722; from which</p> <p>The cor. of secs. 22, 23, 26 and 27 bears N. 86° 43' 07" W., 519.04 ft. dist., heretofore described.</p> <p>Cor. No. 4, M.S. No. 4680 Chilito 24 lode bears N. 30° 01' E., 47.21 ft. dist.</p> <p>Thence S. 79° 53' 38" E.</p>
287.	Center of local drainage, 4 ft. wide, course N.
330.	Center of road, 12 ft. wide, bears NE. and SW.
1,364.	Center of road, 12 ft. wide, bears N. 10° E. and S. 10° W.
1,499.00	<p>Cor. No. 2, identical with Cor. No. 2 of the Old Hayseed lode, on line 4-1 of the Logan lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 15 ins. in the ground, and in a concrete base, with brass cap mkd. O'C-2-4722 and OH-2-4722.</p> <p>Thence S. 10° 11' 30" W.</p>
145.33	Intersect Cor. No. 4 of the Logan lode, identical with Cor. No. 1 of the GRAND VIEW lode of this survey, hereinafter described.
300.	Lode line; discovery point bears N. 79° 48' 20" W., 1199.00 ft. dist.
599.42	Cor. No. 3, identical with Cor. No. 4 of the PIRATE lode, on line 1-2 of the GRAND VIEW lode of this survey.
	Thence N. 79° 49' 40" W.
230.	Top of cliff; rim bears NE. and SW.
970.	Center of road, 12 ft. wide, bears N. 15° E. and S. 10° W.
1,108.68	Intersect line 2-3 of the Cobre Hierro lode of this survey.
1,499.00	<p>Cor. No. 4, identical with Cor. No. 1 of the PIRATE lode of this survey.</p> <p>Thence N. 10° 11' 30" E.</p>

FEET	
69.	Junction of centers of roads, 12 ft. wide; centerlines bear N. 70° E., S. 45° W. and S. 85° W.
300.	Lode line; discovery point bears S. 79° 48' 20" E., 300 ft. dist.
453.74	Intersect line 4-1 of the Cobre Hierro lode of this survey.
597.69	Cor. No. 1, and place of beginning.
Old Hayseed Lode	
Beginning at Cor. No. 1 of the Old Hayseed lode, identical with Cor. No. 1 of the O'Carroll lode of this survey.	
Thence S. 79° 53' 38" E.	
287.	Center of local drainage, 4 ft. wide, course N.
330.	Center of road, 12 ft. wide, bears NE. and SW.
1,364.	Center of road, 12 ft. wide, bears N. 10° E. and S. 10° W.
1,499.00	Cor. No. 2, identical with Cor. No. 2 of the O'Carroll lode, on line 4-1 of the Logan lode of this survey.
Thence N. 10° 11' 30" E.	
224.67	Center of road, 12 ft. wide, bears N. 80° W. and East.
300.	Lode line; discovery point bears N. 79° 56' 17" W., 1099.00 ft. dist.
453.30	Intersect Cor. No. 1 of the Logan lode of this survey, hereinafter described.
599.27	Cor. No. 3, identical with Cor. No. 1 of the BLUE BIRD lode of this survey.
Set an iron post, 2 ft. long, 1 ins. diam., 15 ins. in the ground, and in a concrete base, with brass cap mkd. OH-3-4722 and BB-1-4722.	
Thence N. 79° 54' 37" W.	
897.	Center of road, 12 ft. wide, bears N. 5° W. and S. 5° E.
1,025.	Center of local drainage, 3 ft. wide, course N. 60° W.

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FEET	
1,235.80	Intersect line 2-3 of the Ringtail Snorter lode of this survey.
1,280.00	Top of cliff, rim bears northeasterly and south-westerly.
1,485.34	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 9° 56' 52" W., 554.46 ft. dist.
1,499.00	Cor. No. 4, identical with Cor. No. 2 of the BLUE BIRD lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. OH-4-4722 and BB-2-4722.
	Thence S. 10° 11' 30" W.
300.	Lode line; discovery point bears S. 79° 56' 17" E., 400 ft. dist.
540.	Center of local drainage, 4 ft. wide, course S. 75° W.
554.42	Intersect line 4-1, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 79° 45' 30" E., 16.02 ft. dist.
569.19	Intersect line 3-4 of the Ringtail Snorter lode of this survey.
598.84	Cor. No. 1, and place of beginning.
Cobre Hierro Lode	
At Cor. No. 1 of the Cobre Hierro lode.	
Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. C.H.-1-4722; from which	
The cor. of secs. 22, 23, 26 and 27 bears N. 77° 07' 45" W., 580.96 ft. dist., heretofore described.	
Thence S. 28° 25' 10" E.	
63.	Center of road, 12 ft. wide, bears N. 40° E. and S. 30° W.
300.	Lode line; discovery point bears S. 60° 23' 37" W., 50 ft. dist.
558.66	A point selected for witness Cor. No. 2.
	Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. WC - C.H.-2-4722.
598.66	The true point for Cor. No. 2.
	This corner falls in a shale rock-slide area where a monument cannot be preserved.



FEET	
	Thence S. 60° 27' 26" W.
62.83	Intersect line 3-4 of the O'Carroll lode and line 4-1 of the PIRATE lode of this survey.
570.39	Intersect line 1-2 of the PIRATE lode of this survey; also center of drill-site access road, 12 ft. wide, bears E. and W.
881.	Center of road, 14 ft. wide, bears N. 85° W. and S. 85° E.
1,327.13	Intersect line 1-2, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 2 bears S. 10° 17' 40" W., 44.57 ft. distant.
1,396.79	Intersect line 2-3, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 2 bears S. 79° 45' 30" E., 53.48 ft. dist.
1,490.35	Cor. No. 3, identical with Cor. No. 4 of the Emerald lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. C.H.-3-4722 and EM-4-4722; from which  Cor. No. 2, M.S. No. 4680 Chilito 23 lode, bears N. 74° 43' E., 138.95 ft. dist.  The NE. cor. of the Black Eagle No. 6 lode, uns., bears S. 68° 46' 52" W., 275.94 ft. dist.
	Thence N. 28° 25' 10" W.
76.68	Intersect line 2-3, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 2 bears S. 79° 45' 30" E., 173.29 ft. dist.
297.	Lode line; discovery point bears N. 60° 23' 37" E., 1440.38 ft. dist.
595.01	Cor. No. 4, identical with Cor. No. 1 of the Emerald lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. C.H.-4-4722 and EM-1-4722.
	Thence N. 60° 19' 01" E.
641.38	Intersect line 4-1 of the Ringtail Snorter lode of this survey.

FEET	
649.18	Intersect line 1-2, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 2 bears S. 10° 17' 40" W., 807.58 ft. dist.
1,015.02	Intersect line 3-4 of the Ringtail Snorter lode of this survey.
1,100.	Center of road, 15 ft. wide, bears E. and W.
1,405.67	Intersect line 4-1 of the O'Carroll lode of this survey.
1,490.43	Cor. No. 1, and place of beginning.
Emerald Lode	
Beginning at Cor. No. 1 of the Emerald lode, identical with Cor. No. 4 of the Cobre Hierro lode of this survey; from which	
The Cor. of secs. 22, 23, 26 and 27 bears N. 40° 01' 23" E., 1132.79 ft. dist., heretofore described.	
Cor. No. 3, M.S. No. 4680 Chilito 23 lode, on line 4-1, M.S. No. 4680 Chilito 11 lode, bears S. 24° 03' 28" W., 416.80 ft. dist.	
Cor. No. 4, M.S. No. 4680 Chilito 11 lode, identical with Cor. No. 2, M.S. No. 4680 Chilito 22 lode, on line 3-4-, M.S. No. 4680 Chilito 23 lode, bears S. 53° 38' 30" W., 145.25 ft. dist.	
Thence S. 62° 26' 51" W.	
126.32	Intersect line 1-2, M.S. No. 4680 Chilito 22 lode, and line 3-4, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 2, identical with Cor. No. 4, M.S. No. 4680 Chilito 11 lode, on line 3-4, M.S. No. 4680 Chilito 23 lode, bears S. 10° 11' 27" W., 28.12 ft. dist., and Cor. No. 3, on line 4-1, M.S. No. 4680 Chilito 11 lode, bears S. 10° 11' 27" W., 327.32 ft. dist.
172.21	Intersect line 3-4, M.S. No. 4680 Chilito 11 lode, and line 2-3, M.S. No. 4680 Chilito 22 lode, at a point from which Cors. Nos. 4 and 2 respectively bear S. 79° 45' 30" E., 36.29 ft. dist.
884.12	Intersect line 2-3, M.S. No. 4680 Chilito 11 lode, and line 2-3 M.S. No. 4680 Chilito 12 lode, at a point from which Cor. No. 2, M.S. No. 4680 Chilito 11 lode, on line 2-3 M.S. No. 4680 Chilito 12 lode, bears S. 10° 12' 18" W., 1062.08 ft. dist., and Cor. No. 2,

FEET		
	M.S. No. 4680 Chilito 12 lode, identical with Cor. No. 3, M.S. No. 4680 Chilito 21 lode, on line 2-3, M.S. No. 4680 Chilito 11 lode, bears N. 10° 12' 18" E., 137.08 ft. dist.	
1,452.64	Cor. No. 2.	
	Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. EM-2-4722; from which	
	Cor. No. 2, M.S. No. 4680 Chilito 12 lode, identical with Cor. No. 3, M.S. No. 4680 Chilito 21 lode, on line 2-3, M.S. No. 4680 Chilito 11 lode, bears N. 53° 01' 01" E., 661.39 ft. dist.	
	The NW. cor. of the Black Eagle No. 5 lode, uns., bears S. 11° 13' 42" E., 295.50 ft. dist.	
	The NW. cor. of the Black Eagle No. 6 lode, uns., bears N. 73° 00' 46" E., 763.53 ft. dist.	
	Thence S. 28° 25' 10" E.	
300.	Lode line; discovery point bears N. 62° 22' 09" E., 1417.61 ft. dist.	
332.25	Intersect the northerly end-line of the Black Eagle No. 5 lode, uns., at a point from which the NE. cor. thereof bears S. 88° 39' 10" E., 503.36 ft. dist.	
596.74	Cor. No. 3.	
	Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. EM-3-4722; from which	
	Cor. No. 2, M.S. No. 4680 Chilito 11 lode, on line 2-3, M.S. No. 4680 Chilito 12 lode, bears S. 7° 03' 20" E., 259.45 ft. dist.	
	The NE. cor. of the Black Eagle No. 5 lode, uns., bears N. 59° 40' 06" E., 437.18 ft. dist.	
	Thence N. 62° 22' 46" E.	
97.48	Intersect line 2-3, M.S. No. 4680 Chilito 11 lode, and line 2-3 M.S. No. 4680 Chilito 12 lode, at a point from which Cor. No. 2, M.S. No. 4680 Chilito 11 lode, on line 2-3 M.S. No. 4680 Chilito 12 lode, bears S. 10° 12' 18" W., 307.54 ft. dist., and Cor. No. 2, M.S. No. 4680 Chilito 12 lode, identical with Cor. No. 3, M.S. No. 4680 Chilito 21 lode, on line 2-3, M.S. No. 4680 Chilito 11 lode, bears N. 10° 12' 18" E., 891.61 ft. dist.	

FEET	
416.54	Intersect the westerly side-line of the Black Eagle No. 6 lode, uns., at a point from which the NW. cor. thereof bears N. 7° 55' E., 560.07 ft. dist.
425.11	Intersect the E. side-line of the Black Eagle No. 5 lode, uns., at a point from which the NE. cor. thereof bears N. 1° 38' 30" E., 23.70 ft. dist.
856.20	Intersect line 4-1, M.S. No. 4680 Chilito 11 lode, at a point from which Cor. No. 4, identical with Cor. No. 2, M.S. No. 4680 Chilito 22 lode, on line 3-4, M.S. No. 4680 Chilito 23 lode, bears N. 10° 11' 27" E., 725.13 ft. dist.
1,155.33	Intersect the easterly side-line of the Black Eagle No. 6 lode, uns., at a point from which the NE. cor. thereof bears N. 9° 10' E., 38.41 ft. dist.
1,452.61	Cor. No. 4, identical with Cor. No. 3 of the Cobre Hierro lode of this survey.  Thence N. 28° 25' 10" W.
76.68	Intersect line 2-3, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 3, on line 4-1, M.S. No. 4680 Chilito 11 lode, bears N. 79° 45' 30" W., 423.34 ft. dist.
297.	Lode line; discovery point bears S. 62° 22' 09" W., 35.00 ft. dist.
595.01	Cor. No. 1, and place of beginning.
Ringtail Snorter Lode	
At Cor. No. 1 of the Ringtail Snorter lode.	
Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, and in a concrete base, with brass cap mkd. RS-1-4722; from which	
The cor. of secs. 22, 23, 26 and 27 bears N. 79° 34' 45" E., 390.89 ft. dist., heretofore described.	
Cors. Nos. 1, M.S. No. 4680 Chilito No. 23, Chilito 25, and Chilito 24 lodes bears N. 61° 07' 15" E., 388.71 ft. dist.	
Thence N. 45° 49' 58" E.	

FEET	
133.	Center of Schneider Wash, 15 ft. wide, course S. 5° E.
202.	Center of road, 15 ft. wide, bears N. and S.
245.	Center of road, 15 ft. wide, bears E. and W.
301.59	Intersect line 4-1, M.S. No. 4680 Chilito 23 lode, and line 1-2, M.S. No. 4680 Chilito 25 lode, at a point from which Cors. Nos. 1, identical with Cor. No. 1, M.S. No. 4680 Chilito 24 lode, bears S. 79° 45' 30" E., 126.04 ft. dist.
380.	Center of dry wash, 6 ft. wide, course West.
517.89	Intersect line 4-1, M.S. No. 4680 Chilito 25 lode and line 1-2, M.S. No. 4680 Chilito 24 lode, at a point from which Cors. Nos. 1, identical with Cor. No. 1, M.S. No. 4680 Chilito 23 lode, bears S. 10° 11' 20" W., 175.89 ft. dist.
738.	Center of Schneider Wash, 12 ft. wide, course S. 70° W.
1,448.	Center of Schneider Wash, 12 ft. wide, course S. 10° E.
1,487.08	<p>Cor. No. 2.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. RS-2-4722; from which</p> <p>Cor. No. 3, M.S. No. 4680 Chilito 24 lode, identical with Cor. No. 3, M.S. No. 4680 Chilito 38 lode, bears N. 13° 04' 30" E., 485.87 ft. dist.</p> <p>Thence S. 23° 59' E.</p>
25.99	Intersect line 2-3 of the BLUE BIRD lode of this survey.
47.49	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 9° 56' 52" W., 924.77 ft. dist.
309.	Lode line; discovery point bears S. 45° 39' 33" W., 500.00 ft. dist.
337.	Center of local drainage, 4 ft. wide, course N. 80° W.
490.	Top of cliff, rim bears E. and WSW.

FEET	
494.55	Intersect line 1-2 of the BLUE BIRD lode and line 3-4 of the Old Hayseed lode of this survey.
616.25	Cor. No. 3.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. RS-3-4722; from which  Cor. No. 4, M.S. No. 4680 Chilito 24 lode, bears S. 44° 58' 49" W., 553.06 ft. dist.  Thence S. 45° 27' 07" W.
385.	Top of cliff, rim bears NE. and SW.
510.	Center of local drainage, 4 ft. wide, course S. 75° W.
546.66	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 9° 56' 52" W., 7.84 ft. dist.
556.26	Intersect line 4-1, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 4 bears S. 79° 45' 30" E., 5.57 ft. dist.
574.34	Intersect line 4-1 of the Old Hayseed lode of this survey.
1,033.	Center of road, 15 ft. wide, bears N. 60° W. and S. 50° E.
1,093.66	Intersect line 4-1 of the Cobre Hierro lode of this survey.
1,490.76	Cor. No. 4.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. RS-4-4722.  Thence N. 23° 59' W.
91.76	Intersect line 1-2, M.S. No. 4680 Chilito 23 lode, at a point from which Cor. No. 1, identical with Cors. Nos. 1, M.S. No. 4680 Chilito 25 and Chilito 24 lodes, bears N. 10° 17' 40" E., 687.66 ft. dist.
102.38	Intersect line 4-1 of the Cobre Hierro lode of this survey.
313.	Lode line; discovery point bears N. 45° 39' 33" E., 988.75 ft. dist.
504.	Center of road, 16 ft. wide, bears NE. and WSW.
583.	Center of Schneider Wash, 15 ft. wide, course S. 60° W.
626.81	Cor. No. 1, and place of beginning.

FEET	
	<p>BLUE BIRD Lode</p> <p>Beginning at Cor. No. 1 of the BLUE BIRD lode, identical with Cor. No. 3 of the Old Hayseed lode of this survey; from which</p> <p style="padding-left: 40px;">The <math>\frac{1}{4}</math> sec. cor. of secs. 23 and 26 bears S. <math>61^{\circ} 56' 23''</math> E., 607.08 ft. dist., heretofore described.</p> <p style="padding-left: 40px;">Thence N. <math>79^{\circ} 54' 37''</math> W.</p>
897.	Center of road, 12 ft. wide, bears N. $5^{\circ}$ W. and S. $5^{\circ}$ E.
1,025.	Center of local drainage, 3 ft. wide, course N. $60^{\circ}$ W.
1,235.80	Intersect line 2-3 of the Ringtail Snorter lode of this survey.
1,280.	Top of cliff, rim bears northeasterly and southwesterly.
1,485.34	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 38 lode, bears N. $9^{\circ} 56' 52''$ E., 894.86 ft. dist.
1,499.00	Cor. No. 2, identical with Cor. No. 4 of the Old Hayseed lode of this survey.
	Thence N. $10^{\circ} 11' 30''$ E.
128.	Center of dry wash, 6 ft. wide, course West.
300.	Lode line; discovery point bears S. $79^{\circ} 56' 17''$ E., 874.00 ft. dist.
388.12	Intersect line 2-3 of the Ringtail Snorter lode of this survey.
444.	Center of dry wash, 6 ft. wide, course S. $80^{\circ}$ W.
598.01	Cor. No. 3, identical with Cor. No. 4 of the JUNCTION lode of this survey.
	<p>Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. BB-3-4722 and JUNC-4-4722; from which</p> <p style="padding-left: 40px;">Cor. No. 3, M.S. No. 4680 Chilito 24 lode, identical with Cor. No. 3, M.S. No. 4680 Chilito 38 lode, bears N. <math>12^{\circ} 05' 30''</math> E., 297.03 ft. dist.</p> <p style="padding-left: 40px;">Thence S. <math>79^{\circ} 49' 09''</math> E.</p>

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FEET	
11.11	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 38 lode, bears N. 9° 56' 52" E., 296.87 ft. dist.
140.	Center of dry wash, 5 ft. wide, course S. 85° W.
380.	Top of cliff, rim bears NW. and SE.
528.	Center of road, 12 ft. wide, bears NNW. and SSW.
1,499.00	Cor. No. 4, identical with Cor. No. 1 of the JUNCTION lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. BB-4-4722 and JUNC-1-4722.  Thence S. 10° 11' 30" W.
298.	Lode line; discovery point bears N. 79° 56' 17" W., 625.00 ft. dist.
595.63	Cor. No. 1, and place of beginning.
Mid West Lode	
At Cor. No. 1 of the Mid West lode.	
Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. MW-1-4722; from which	
The $\frac{1}{4}$ sec. cor. of secs. 26 and 27, T. 4 S. R. 15 E., bears S. 13° 28' 51" W., 860.02 ft. dist.; monumented with an iron post, 1 ins. diam., 12 ins. above ground, firmly set, with brass cap mkd. as described in the official record.	
Thence N. 10° 11' 30" E.	
281.	Center of arroyo, 10 ft. wide, course West.
300.	Lode line; discovery point bears S. 79° 59' 50" E., 1424.01 ft. dist.
580.10	A point selected for witness Cor. No. 2, identical with witness Cor. No. 2 of the PIRATE lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins in the ground, and in a concrete base, with brass cap mkd. WC - MW-2-4722 and PIR -2-4722.
599.86	The true point for Cor. No. 2, identical with Cor. No. 2 of the PIRATE lode of this survey, previously described.



FEET		
	Thence S. 79° 55' 33" E.	
35.	Center of access road, 12 ft. wide, bears N. 45° W. and S. 55° E.	
1,499.00	Cor. No. 3, identical with Cor. No. 3 of the PIRATE lode of this survey.	
	Thence S. 10° 11' 30" W.	
298.	Lode line; discovery point bears N. 79° 59' 50" W., 75.00 ft. dist.	
380.	Center of local drainage, 4 ft. wide, course N. 75° W.	
595.44	Cor. No. 4.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. MW-4-4722.	
	Thence N. 80° 05' 42" W.	
975.	Center of local drainage, 3 ft. wide, course N. 20° W.	
1,499.02	Cor. No. 1, and place of beginning.	
GRAND VIEW Lode		
	At Cor. No. 1 of the GRAND VIEW lode, identical with Cor. No. 4 of the Logan lode, on line 2-3 of the O'Carroll lode of this survey.	
	Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. GV-1-4722 and LOGAN-4-4722; from which	
	The $\frac{1}{4}$ sec. cor. of secs. 23 and 26 bears N. 56° 10' 24" E., 803.47 ft. dist., heretofore described.	
	Thence S. 10° 11' 30" W.	
300.	Lode line; discovery point bears S. 80° 27' 57" E., 550.00 ft. dist.	
454.09	Intersect Cor. No. 3 of the O'Carroll lode, identical with Cor. No. 4 of the PIRATE lode of this survey.	
599.24	Cor. No. 2, on line 3-4 of the PIRATE lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. GV-2-4722.	

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FEET	
	Thence S. 80° 44' 33" E.
378.	Center of road, 12 ft. wide, bears N. 25° W. and S. 20° E.
1,103.	Center of road, 14 ft. wide, bears N. 70° E. and S. 80° W.
1,498.40	Cor. No. 3.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. GV-3-4722.
	Thence N. 10° 11' 30" E.
292.	Lode line; discovery point bears N. 80° 27' 57" W., 948.30 ft. dist.
319.	Center of road, 15 ft. wide, bears N. 75° E. and S. 75° W.
551.	Center of road, 12 ft. wide, bears WNW. and SE.
589.61	Cor. No. 4, identical with Cor. No. 3 of the Logan lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. GV-4-4722 and LOGAN-3-4722.
	Thence N. 80° 22' 27" W.
70.	Center of dry wash, 6 ft. wide, course N. 45° E.
98.	Center of road, 16 ft. wide, bears N. 35° E. and S. 35° W.
1,155.00	Center of road, 14 ft. wide, bears N. 30° W. and S. 40° E.
1,498.27	Cor. No. 1, and place of beginning.
Logan Lode	
At Cor. No. 1 of the Logan lode, on line 2-3 of the Old Hayseed lode of this survey.	
Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. LOGAN-1-4722; from which	
The $\frac{1}{4}$ sec. cor. of secs. 23 and 26 bears S. 75° 49' 06" E., 579.20 ft. dist., heretofore described.	
Thence S. 79° 48' 30" E.	

FEET	
30.	Center of road, 14 ft. wide, bears N. and S.
1,090.	Center of O'Carroll Gulch, 10 ft. wide, course S. 5° W.
1,498.20	<p>Cor. No. 2.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. LOGAN-2-4722.</p> <p>Thence S. 10° 11' 30" W.</p>
291.	Lode line; discovery point bears N. 80° 06' W., 1198.22 ft. dist.
546.	Center of road, 16 ft. wide, bears N. 65° W. and S. 65° E.
580.	Center of O'Carroll Gulch, 15 ft. wide, course S. 50° E.
583.83	<p>Cor. No. 3, identical with Cor. No. 4 of the GRAND VIEW lode of this survey.</p> <p>Thence N. 80° 22' 27" W.</p>
70.	Center of dry wash, 6 ft. wide, course N. 45° E.
98.	Center of road, 16 ft. wide, bears N. 35° E. and S. 35° W.
1,155.00	Center of road, 14 ft. wide, bears N. 30° W. and S. 40° E.
1,498.27	<p>Cor. No. 4, identical with Cor. No. 1 of the GRAND VIEW lode, on line 2-3 of the O'Carroll lode of this survey.</p> <p>Thence N. 10° 11' 30" E.</p>
145.33	Intersect Cors. Nos. 2 of the O'Carroll and Old Hayseed lodes of this survey.
300.	Lode line; discovery point bears S. 80° 06' E., 300.00 ft. dist.
370.	Center of road, 12 ft. wide, bears East and N. 80° W.
598.63	Cor. No. 1, and place of beginning.
<p>JUNCTION Lode</p> <p>Beginning at Cor. No. 1 of the JUNCTION lode, identical with Cor. No. 4 of the BLUE BIRD lode of this survey; from which</p> <p>The ¼ sec. cor. of secs. 23 and 26 bears S. 26° 16' 17" E., 972.22 ft. dist., heretofore described.</p>	

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FEET	
	Thence N. 10° 11' 30" E.
48.	Center of road, 15 ft. wide, bears N. 10° W. and S. 10° E.
237.	Center of road, 15 ft. wide, bears N. 30° E. and S. 30° W.
300.	Lode line; discovery point bears N. 79° 53' 52" W., 750.00 ft. dist.
598.71	Cor. No. 2, identical with Cor. No. 3 of the QUARTZITE lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. JUNC-2-4722 and QTZ-3-4722.  Thence N. 79° 50' 28" W.
935.	Center of local drainage, 3 ft. wide, course S. 40° W.
1,033.	Center of road, 12 ft. wide, bears N. 45° E. and S. 45° W.
1,488.57	Intersect line 2-3, M.S. No. 4680 Chilito 38 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 24 lode, bears S. 10° 18' 13" W., 301.28 ft. dist.
1,499.00	Cor. No. 3, identical with Cor. No. 4 of the QUARTZITE lode of this survey.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. JUNC-3-4722 and QTZ-4-4722; from which  Cor. No. 3, M.S. No. 4680 Chilito 38 lode, identical with Cor. No. 3 M.S. No. 4680 Chilito 24 lode, bears S. 8° 19' 14" W., 301.43 ft. dist.  Thence S. 10° 11' 30" W.
300.	Lode line; discovery point bears S. 79° 53' 25" E., 749.00 ft. dist.
301.26	Intersect line 2-3, M.S. No. 4680 Chilito 24 lode, and line 3-4, M.S. No. 4680 Chilito 38 lode, at a point from which Cors. Nos. 3 bear S. 79° 45' 30" E., 9.85 ft. dist.
598.14	Cor. No. 4, identical with Cor. No. 3 of the BLUE BIRD lode of this survey.  Thence S. 79° 49' 09" E.

FEET	
11.11	Intersect line 3-4, M.S. No. 4680 Chilito 24 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 38 lode, bears N. 9° 56' 52" E., 296.87 ft. dist.
140.	Center of dry wash, 5 ft. wide, course S. 85° W.
380.	Top of cliff, rim bears NW. and SE.
528.	Center of road, 12 ft. wide, bears NNW. and SSW.
1,499.00	Cor. No. 1, and place of beginning.
QUARTZITE Lode	
At Cor. No. 1 of the QUARTZITE lode, identical with Cor. No. 1 of the Whistler lode of this survey.	
Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. QTZ-1-4722 and W-1-4722; from which	
The $\frac{1}{4}$ sec. cor. of secs. 22 and 23, T. 4 S., R. 15 E., bears N. 71° 50' 55" W., 993.39 ft. dist., monumented with an iron post, 1 ins. diam., 11 ins. above ground, firmly set, with brass cap mkd. as described in the official record.	
Thence S. 79° 50' 06" E.	
11.61	Intersect line 2-3, M.S. No. 4680 Chilito 38 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 24 lode, bears S. 10° 18' 13" W., 900.73 ft. dist.
1,499.00	Cor. No. 2, identical with Cor. No. 2 of the Whistler lode of this survey.
Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. QTZ-2-4722 and W-2-4722.	
Thence S. 10° 11' 30" W.	
50.	Center of road, 12 ft. wide, bears N. 25° E. and S. 25° W.
195.	Center of road, 12 ft. wide, bears N. and S.
300.	Lode line; discovery point bears N. 79° 50' 07" W., 200.00 ft. dist.

FEET	
599.30	<p>Cor. No. 3, identical with Cor. No. 2 of the JUNCTION lode of this survey.</p> <p>Thence N. 79° 50' 28" W.</p>
935.	<p>Center of local drainage, 3 ft. wide, course S. 40° W.</p>
1,033.	<p>Center of road, 12 ft. wide, bears N. 45° E. and S. 45° W.</p>
1,488.57	<p>Intersect line 2-3, M.S. No. 4680 Chilito 38 lode, at a point from which Cor. No. 3, identical with Cor. No. 3, M.S. No. 4680 Chilito 24 lode bears S. 10° 18' 13" W., 301.28 ft. dist.</p>
1,499.00	<p>Cor. No. 4, identical with Cor. No. 3 of the JUNCTION lode of this survey.</p> <p>Thence N. 10° 11' 30" E.</p>
299.45	<p>Lode line; discovery point bears S. 79° 50' 07" E., 1299.00 ft. dist.</p>
599.45	<p>Cor. No. 1, and place of beginning.</p>
<p>Whistler Lode</p>	
<p>Beginning at Cor. No. 1 of the Whistler lode, identical with Cor. No. 1 of the QUARTZITE lode of this survey.</p>	
<p>Thence S. 79° 50' 06" E.</p>	
11.61	<p>Intersect line 2-3, M.S. No. 4680 Chilito 38 lode, at a point from which Cor. No. 2, identical with Cor. No. 4, M.S. No. 4680 Chilito 39 lode, bears N. 10° 18' 13" E., 595.81 ft. dist.</p>
1,499.00	<p>Cor. No. 2, identical with Cor. No. 2 of the QUARTZITE lode of this survey.</p> <p>Thence N. 10° 11' 30" E.</p>
295.	<p>Lode line; discovery point bears N. 79° 55' 20" W., 750.00 ft. dist.</p>
586.72	<p>Cor. No. 3.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. W-3-4722.</p> <p>Thence N. 79° 50' 06" W.</p>
1,050.	<p>Center of local drainage, 3 ft. wide, course S. 55° W.</p>

FEET	
1,105.	Center of local drainage, 3 ft. wide, course S. 45° W.
1,486.25	Intersect line 2-3, M.S. No. 4680 Chilito 38 lode, at a point from which Cor. No. 2, identical with Cor. No. 4, M.S. No. 4680 Chilito 39 lode, bears N. 10° 18' 13" E., 9.09 ft. dist.
1,499.00	Cor. No. 4.  Set an iron post, 2 ft. long, 1 ins. diam., 12 ins. in the ground, and in a concrete base, with brass cap mkd. W-4-4722; from which  Cor. No. 2, M.S. No. 4680 Chilito 38 lode, identical with Cor. No. 4, M.S. No. 4680 Chilito 39 lode, bears N. 64° 45' E., 15.68 ft. dist.  Thence S. 10° 11' 30" W.
80.	Center of Schneider Wash, 8 ft. wide, course S. 40° E.
294.	Lode line; discovery point bears S. 79° 55' 20" E., 749.00 ft. dist.
332.	Center of Schneider Wash, 10 ft. wide, course S. 60° W.
586.72	Cor. No. 1, and place of beginning.
Mineral Survey No. 4722	
	AREAS
	Acres
	Total area, PIRATE lode 20.559
	Total area, O'Carroll lode 20.598
	Total area, Old Hayseed lode 20.615
	Area in conflict with---
	M.S. No. 4680 Chilito 24 lode 0.189
	Ringtail Snorter lode of this survey 2.471
	Ringtail Snorter lode of this survey, exclusive of its conflict with (1) M.S. No. 4680 Chilito 24 lode 2.282
	Total area, Cobre Hierro lode 20.416
	Area in conflict with---
	M.S. No. 4680 Chilito 23 lode 5.468
	PIRATE lode of this survey 1.453
	O'Carroll lode of this survey 3.047
	Ringtail Snorter lode of this survey 0.437
	Ringtail Snorter lode of this survey, exclusive of its conflict with (1) M.S. No. 4680 Chilito 23 lode 0.436

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FEET	
	Total area, Emerald lode 19.869
	Area in conflict with---
	M.S. No. 4680 Chilito 11 lode 10.360
	M.S. No. 4680 Chilito 11 lode, exclusive of its conflict with
	(1) Black Eagle No. 5 lode, uns. 9.741
	(2) Black Eagle No. 6 lode, uns. 7.006
	(3) Black Eagle No. 5 and Black Eagle No. 6 lodes, uns. 6.391
	M.S. No. 4680 Chilito 12 lode 4.560
	M.S. No. 4680 Chilito 12 lode, exclusive of its conflict with
	(1) Black Eagle No. 5 lode, uns. 3.752
	M.S. No. 4680 Chilito 22 lode 0.012
	M.S. No. 4680 Chilito 23 lode 2.342
	Black Eagle No. 5 lode, uns. 1.427
	Black Eagle No. 6 lode, uns. 4.132
	Black Eagle No. 6 lode, uns., exclusive of its conflict with
	(1) Black Eagle No. 5 lode, uns. 4.128
	Total area, Ringtail Snorter lode 19.915
	Area in conflict with---
	M.S. No. 4680 Chilito 23 lode 2.733
	M.S. No. 4680 Chilito 24 lode 8.009
	M.S. No. 4680 Chilito 25 lode 0.254
	BLUE BIRD lode of this survey 1.173
	BLUE BIRD lode of this survey, exclusive of its conflict with
	(1) M.S. No. 4680 Chilito 24 lode 1.061
	Total area, Mid West lode 20.567
	Total area, GRAND VIEW lode 20.445
	Total area, Logan lode 20.335
	Total area, BLUE BIRD lode 20.538
	Area in conflict with---
	M.S. No. 4680 Chilito 24 lode 0.170
	Total area, JUNCTION lode 20.593
	Area in conflict with---
	M.S. No. 4680 Chilito 24 lode 0.071
	M.S. No. 4680 Chilito 38 lode 0.070
	Total area, QUARTZITE lode 20.626
	Area in conflict with---
	M.S. No. 4680 Chilito 38 lode 0.152
	Total area, Whistler lode 20.190
	Area in conflict with---
	M.S. No. 4680 Chilito 38 lode 0.164



FEET	
	<p>LOCATION</p> <p>This survey is located in the SE<math>\frac{1}{4}</math> sec. 22, NW<math>\frac{1}{4}</math>, SW<math>\frac{1}{4}</math> and SE<math>\frac{1}{4}</math> sec. 23, NW<math>\frac{1}{4}</math> and NE<math>\frac{1}{4}</math> sec. 26, and NE<math>\frac{1}{4}</math> sec. 27, of T. 4 S., R. 15 E., of the Gila and Salt River Meridian, Gila County, Arizona.</p> <p>The survey of the PIRATE, O'Carroll, Old Hayseed, Cobre Hierro, Emerald, Ringtail Snorter, BLUE BIRD, Mid West, GRAND VIEW, Logan, JUNCTION, QUARTZITE, and Whistler lodes is identical with the respective location or amended location as marked on the ground.</p> <p>EXPENDITURES</p> <p>The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations imbraced in said mining claim by the claimant or its grantors are as follows:</p>
No. 1	<p>The discovery point of the PIRATE lode is on the lode line 775 ft. from a point on line 1-2, 299 ft. from Cor. No. 1.</p> <p>Value, none.</p>
No. 2	<p>A diamond drill hole bears N. 73° 25' E., 465 ft. from Cor. No. 2 PIRATE lode; 2 ins. diam., 520 ft. depth.</p> <p>Value, \$7,800.</p>
No. 3	<p>A diamond drill hole bears S. 32° 46' E., 352 ft. from Cor. No. 1 PIRATE lode; 2 ins. diam., 309 ft. depth.</p> <p>Value, \$4,635.</p>
No. 1	<p>The discovery point of the O'Carroll lode is on the lode line 300 ft. from a point on line 4-1, 300 ft. from Cor. No. 4.</p> <p>Value, none.</p>
No. 2	<p>A diamond drill hole bears N. 71° 12' W., 472 ft. from Cor. No. 3 O'Carroll lode; 2 ins. diam., 480 ft. depth.</p> <p>Value, \$7,200.</p>
No. 3	<p>A diamond drill hole bears N. 83° 04' E., 570 ft. from Cor. No. 4, O'Carroll lode; 2 ins. diam., 237 ft. depth.</p> <p>Value, \$3,555.</p>
No. 4	<p>A diamond drill hole bears N. 65° 48' E., 429 ft. from Cor. No. 4 O'Carroll lode; 2 ins. diam., 200 ft. depth.</p> <p>Value, \$3,000.</p>

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FEET	
No. 1	The discovery point of the Old Hayseed lode is on the lode line 400 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none.
No. 2	A diamond drill hole bears N. 36° 53' W., 397 ft. from Cor. No. 2 Old Hayseed lode; 2 ins. diam., 285 ft. depth. Value, \$4,275.
No. 3	A diamond drill hole bears N. 78° 56' W., 595 ft. from Cor. No. 2 Old Hayseed lode; 2 ins. diam., 243 ft. depth. Value, \$3,645.
No. 1	The discovery point of the Cobre Hierro lode is on the lode line 50 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.
No. 2	A diamond drill hole bears N. 71° 15' W., 80 ft. from Cor. No. 2 Cobre Hierro lode; 2 ins. diam., 243 ft. depth. Value, \$3,645.
No. 3	A diamond drill hole bears S. 67° 07' W., 611 ft. from Cor. No. 2 Cobre Hierro lode; 2 ins. diam., 183 ft. depth. Value, \$2,745.
No. 4	A diamond drill hole bears N. 52° 08' E., 723 ft. from Cor. No. 3 Cobre Hierro lode; 2 ins. diam., 205 ft. depth. Value, \$3,075.
No. 5	A diamond drill hole bears N. 35° 19' E., 388 ft. from Cor. No. 3 Cobre Hierro lode; 2 ins. diam., 181 ft. depth. Value, \$2,715.
No. 6	A diamond drill hole bears N. 9° 52' E., 280 ft. from Cor. No. 3 Cobre Hierro lode; 2 ins. diam., 154 ft. depth. Value, \$2,310.
No. 1	The discovery point of the Emerald lode is on the lode line 35 ft. from a point on line 4-1, 297 ft. from Cor. No. 4. Value, none.
No. 2	A diamond drill hole bears S. 19° 36' W., 369 ft. from Cor. No. 1 Emerald lode; 2 ins. diam., 95 ft. depth. Value, \$1,425.
No. 3	A diamond drill hole bears S. 44° 47' W., 604 ft. from Cor. No. 1 Emerald lode; 2 ins. diam., 90 ft. depth. Value, \$1,350.

FEET	
No. 4	<p>A diamond drill hole bears N. 33° 31' W., 245 ft. from Cor. No. 4 Emerald lode; 2 ins. diam., 997 ft. depth. Value, \$14,955.</p>
No. 1	<p>The discovery point of the Ringtail Snorter lode is on the lode line 500 ft. from a point on line 2-3, 309 ft. from Cor. No. 2. Value, none.</p>
No. 2	<p>A diamond drill hole bears S. 72° 45' E., 263 ft. from Cor. No. 1 Ringtail Snorter lode; 2 ins. diam., 691 ft. depth. Value, \$10,365.</p>
No. 1	<p>The discovery point of the BLUE BIRD lode is on the lode line 625 ft. from a point on line 4-1, 298 ft. from Cor. No. 4. Value, none.</p>
No. 1	<p>The discovery point of the Mid West lode is on the lode line 75 ft. from a point on line 3-4, 298 ft. from Cor. No. 3. Value, none.</p>
No. 2	<p>A diamond drill hole bears S. 53° 31' E., 460 ft. from Cor. No. 2 Mid West lode; 2 ins. diam., 441 ft. depth. Value, \$6,615.</p>
No. 1	<p>The discovery point of the GRAND VIEW lode is on the lode line 550 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.</p>
No. 2	<p>A diamond drill hole bears N. 55° 54' E., 239 ft. from Cor. No. 2 GRAND VIEW lode; 2 ins. diam., 522 ft. depth. Value, \$7,830.</p>
No. 1	<p>The discovery point of the Logan lode is on the lode line 300 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none.</p>
No. 2	<p>A diamond drill hole bears N. 38° 25' E., 237 ft. from Cor. No. 4 Logan lode; 2 ins. diam., 486 ft. depth. Value, \$7,290.</p>
No. 1	<p>The discovery point of the JUNCTION lode is on the lode line 750 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.</p>
No. 1	<p>The discovery point of the QUARTZITE lode is on the lode line 200 ft. from a point on line 2-3, 300 ft. from Cor. No. 2. Value, none.</p>

FEET	
No. 1	<p>The discovery point of the Whistler lode is on the lode line 750 ft. from a point on line 2-3, 295 ft. from Cor. No. 2. Value, none.</p> <p>An interest in certain common improvements described as follows:</p> <p>A diamond drill hole, known as NY-507, bears S. 9° 56' W., 344 ft. from Cor. No. 2 Ringtail Snorter lode; 2 ins. diam., 936 ft. depth. Value of drill hole, \$14,040. Value of one-sixth interest, \$2,340.</p> <p>This improvement is for the development of the Ringtail Snorter, Old Hayseed, BLUE BIRD, JUNCTION, QUARTZITE, and Whistler lodes of this survey and was made subsequent to the location of each lode and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-sixth interest in its value is hereby credited to each of said lodes.</p> <p>A diamond drill hole, known as NY-511-A, bears S. 66° 22' E., 445 ft. from Cor. No. 3 BLUE BIRD lode, 2 ins. diam., 1,112 ft. depth. Value of drill hole, \$16,680. Value of one-fourth interest, \$4,170.</p> <p>This improvement is for the development of the BLUE BIRD, JUNCTION, QUARTZITE, and Whistler lodes of this survey and was made subsequent to the location of each lode and to the time since which common ownership has prevailed; therefore an undivided one-fourth interest in its value is hereby credited to each of said lodes.</p> <p>An interest in a common improvement described as follows:</p> <p>A diamond drill hole, known as NY-508, bears N. 89° 16' E., 367 ft. from Cor. No. 1 Old Hayseed lode; 2 ins. diam., 1,125 ft. depth. Value of drill hole, \$16,875. Value of one-half interest, \$8,437.50</p> <p>This improvement is for the development of the Old Hayseed lode of this survey and for the development of the FRACTION NO. 2 lode of Mineral Survey No. 4725, the returns of which shall be submitted by this mineral surveyor at a later date. This improvement was made subsequent to the location of the above-named lodes and to the time since common ownership and contiguity have prevailed; therefore an undivided one-half interest in its value is hereby credited to each of said lodes.</p>

FEET

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

M.S. No. 4680 Chilito 11, Chilito 12, Chilito 21, Chilito 22, Chilito 23, Chilito 24, Chilito 25, Chilito 38, and Chilito 39 lodes: All corners and witness corners are 1 ins. diam. iron posts with brass caps, firmly set and properly marked, or as in the case of those corners which fell on solid rock, corners are marked with brass tablets grouted into the rock; an exception at Cor. No. 4, M.S. No. 4680 Chilito 24 lode, consists of an "X" chiselled on a rock dyke, accompanied by proper identification data scribed upon the dyke as described in the official record of M.S. No. 4680. As no known discrepancies were found or are known to exist in the course information pertaining to M.S. No. 4680 submitted to the B.L.M. for approval by this mineral surveyor in 1970, all lines are shown as approved.

Black Eagle No. 5 lode, uns.: The NW., NE., and SE. cors. are substantial rock monuments; near the center of each monument was found an iron spike marking the point accepted herein for precise measurement. The northerly end-line bears S. 88° 39' 10" E., 603.97 ft. dist.; the E. side-line bears S. 1° 38' 30" W.

Black Eagle No. 6 lode, uns.: The SW., NW., and NE. cors. are substantial rock monuments; near the center of each monument was found an iron spike marking the point accepted herein for precise measurement. The SE. cor. could not be found, so a bearing of S. 9° 10' W. was assigned to the easterly side-line, based on a plat of survey of the Black Eagle group performed by Earl H. Sparks, Arizona Land Surveyor registrant No. 2942, and dated January 24, 1963. The westerly side-line bears N. 7° 55' E. and the northerly end-line bears S. 73° 22' 15" E., 609.10 ft. dist.

The line between the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27 and the cor. of secs. 22, 23, 26 and 27 bears N. 0° 00' 10" E., 2633.96 ft. dist., instead of N. 0° 01' W., 2640.00 ft. as approved.

The line between the cor. of secs. 22, 23, 26 and 27 and the  $\frac{1}{4}$  sec. cor. of secs. 22 and 23 bears N. 0° 02' 44" W., 2636.42 ft. dist., instead of N. 0° 01' W., 2640 ft. dist., as approved.

FEET

The line between the ¼ sec. cor. of secs. 23 and 26 and the cor. of secs. 22, 23, 26 and 27 bears S. 89° 45' 00" W., 2635.72 ft. dist., instead of S. 89° 46' 38" W., 2635.53 ft. dist. as approved in the record of M.S. No. 4680 submitted by this mineral surveyor in 1970, or S. 89° 45' W., 2640.66 ft. dist., as approved, 1921 cadastral survey.

The line between the cor. of secs. 22, 23, 26 and 27 and the ¼ sec. cor. of secs. 22 and 27 bears N. 89° 39' 11" W., 2633.20 ft. dist., instead of S. 89° 52' W., 2634.72 ft. dist., as approved.

FIELD ASSISTANTS

Name	Capacity
Loren E. Bunney	Instrumentman
Norman W. Wisner	Chainman
Edward E. Zaragoza	Technical Asst.

Form 3400-8  
(August 1967)  
(formerly 4-686)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Travis L. Gant	Date 8/30/75
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I HEREBY CERTIFY That in pursuance of an order received from the Dept. of Interior, Bureau of Land Management, at Phoenix, Arizona, dated May 23, 1972, I have carefully executed the survey of the claim of (\*\*see below) known as the (lode, placer, or mill site) London Arizona Claim Group (\*see below), situated in Secs. 22, 23, 26, and 27, Township 4 South, Range 15 East, Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4722, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

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

- |                     |              |                  |           |
|---------------------|--------------|------------------|-----------|
| ** Harold Foard     | * PIRATE     | Ringtail Snorter | JUNCTION  |
| Maude Foard         | O'Carroll    | BLUE BIRD        | QUARTZITE |
| Thomas F. Humphrey  | Old Hayseed  | Mid West         | Whistler  |
| William A. Humphrey | Cobre Hierro | GRAND VIEW       |           |
| Edwin J. Sikes      | Emerald      | Logan            |           |

Globe	<i>Travis L. Gant</i>
(Location)	(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date January 19, 1978

The foregoing field notes of mineral survey number 4722, in Secs. 22, 23, 26 and 27 Range 15 East, Gila and Salt River Meridian, in the State of Arizona,  surveyed  unsurveyed Township 4 S., executed by Travis L. Gant, Mineral Surveyor, under order dated May 23, 1972, 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.

<i>Boyd S. Owens</i>	Chief, Branch of Cadastral Survey
(Authorized Signature)	(Title)
Boyd S. Owens	

CERTIFICATE OF TRANSCRIPT

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

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

