

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number	4667
State	ARIZONA
Land District	ARIZONA

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

DUVAL SIERRITA CORPORATION
4715 East Fort Lowell Road
Tucson, Arizona 85716

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

SIERRITA PROJECT

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Black Jack #5	7/1/48	4/29/64
Black Jack #6	7/1/48	4/29/64
Black Jack #7	7/1/48	4/29/64
Black Jack #8	7/1/48	4/29/64
Black Jack #9	7/1/48	4/29/64
Black Jack #10	7/2/48	4/29/64
Black Jack #11	7/2/48	4/29/64
Black Jack #12	7/2/48	4/29/64
Black Jack #13	7/2/48	4/29/64
Black Jack #14	7/2/48	4/29/64
Black Jack #15	7/2/48	4/29/64
Black Jack #16	7/2/48	4/29/64
Black Jack #17	7/2/48	4/29/64
Black Jack #18	7/2/48	4/29/64
Black Jack #19	7/2/48	4/29/64
Black Jack #20	7/2/48	4/29/64
Black Jack #21	7/2/48	4/29/64
Black Jack #22	7/2/48	4/29/64
Black Jack #23	7/2/48	4/29/64
Black Jack #24	7/2/48	5/15/64
Blackjack #28	1/30/61	
Blackjack #30	1/30/61	2/26/65
Blackjack #31	1/30/61	
Copper John #21	10/11/56	
Escondido 4	11/18/64	3/ 8/67
Hope #7	8/10/59	7/ 6/65
KAREN #1	3/ 8/61	
KAREN #2	3/ 8/61	
P. B. No. 6	9/23/64	12/5/64
Pena Blanca #1	11/ 2/53	11/22/64
Pena Blanca #2	11/ 2/53	11/22/64
Pena Blanca #3	11/ 2/53	11/22/64
Pena Blanca #4	11/ 2/53	11/22/64
Pena Blanca #6	1/21/54	11/22/64
Pena Blanca #7	1/21/54	11/22/64
Pena Blanca #8	1/21/54	11/22/64
Pena Blanca #9	1/23/54	11/22/64
Pena Blanca #10	1/23/54	11/22/64
Pena Blanca #11	1/23/54	9/13/64
Red Bell No. 1	1/ 3/61	3/ 8/67
		1/ 3/68
Red Hill Extension 16	7/21/53	3/27/61
		3/ 8/67
		1/ 3/68
Red Hill Extension #18	8/ 4/60	5/15/64
September #3	9/ 3/64	3/14/67

Mining district			County	
PIMA			PIMA	
Sections 5, 6, 7, 8, 17 & 18	Township 18 South	Range 12 East	Meridian GILA & SALT RIVER	Survey under order dated 12/27/67
Survey commenced April 5, 1968		Survey completed July 17, 1969	Name of Mineral Surveyor ROBERT LENON	1/18/68 Amd. 6/26/69 Amd.

Account Number
Date
Amount

STATE OF TEXAS
COUNTY OF DALLAS

COMMISSION ON CAPITAL IMPROVEMENTS

STATE	LOCALITY	ESTIMATE	ACTUAL
1970	1970		
1971	1971		
1972	1972		
1973	1973		
1974	1974		
1975	1975		
1976	1976		
1977	1977		
1978	1978		
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2029	2029		
2030	2030		

15

SURVEY NO. 4667

FEET

This survey was made with a Bausch & 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 reading to one minute of arc. The eyepiece is equipped with a colored glass set in the dust shutter, for making direct observations on the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of double horizontal angles referred to the meridian determined by the following observations:

April 5th, 1968, at cor. No. 2 of the Black Jack #23 lode in latitude $31^{\circ}52'$ N., and longitude $111^{\circ}08'$ W., I made a series of four altitude observations (in two sets of two each) upon the sun for telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles clockwise, from cor. No. 3 of the Black Jack #23 lode, approximately 1300 feet SW'ly, SW. to the sun:

	(1st set)		(2nd set)	
	h	m	h	m
Mean time of observation, 105th meridian standard time:	3	30	3	36
Declination of sun at mean time of observation:	$6^{\circ}22'30''$ N.			
Mean observed vertical angles to sun's center:	$39^{\circ}52'$		$39^{\circ}18'30''$	
Mean horizontal angle from reference point to sun's center:	$18^{\circ}22'30''$		$18^{\circ}56'$	
True bearing to reference point:	S. $51^{\circ}12'50''$ W.,			

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the end feet graduated to tenths and hundredths; and Chicago steel tape, 300 feet in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard steel tape at the time of beginning the survey, and found correct.

All lines and connections were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ}00'$ E.

Survey No. 4667

HOPE #7 LODE

FEET	
	<p>At Cor. No. 1 of the Hope #7 lode, identical with Cor. Nos. 1 and 2 of the Black Jack #15 and Black Jack #16 lodes, respectively, of this survey and with Cor. No. 3 Sur. No. 4616 Hope #6 lode.</p> <p>Found an iron pipe, 2 ins. diam., 8 ins. above the ground, firmly set, with lead cap mkd. X-H6-3-4616, to which I added H7-1BJ15-1-BJ16-2-4667, from which</p> <p>The cor. of secs. 7, 8, 17, and 18, T. 18 S., R. 12 E., G. & S. R. M., Arizona, bears S. 43°33'12" E., 1172.13 ft. dist.: an iron pin 5/8 ins. diam., 6 ins. above the ground, firmly set and surrounded by a mound of stone.</p> <p>Thence S. 53°09'40" W.</p>
75.	Right bank of wash, 300 ft. wide, course South.
350.	Gulch, 2 ft. wide, course Southeast.
583.	Gulch, 3 ft. wide, course S. 30° E.
1170.	Gulch, 5 ft. wide, course East.
1253.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E..
1350.	Gulch, 3 ft. wide, course N. 5° E.
1500.00	<p>Cor. No. 2, identical with Cor. No. 3 of the Hope No. 3 lode and Cor. No. 4 of the Hope #6 lode, both of Sur. No. 4616, and with the SE. Cor. of the Hope #2 lode, unsurveyed.</p> <p>Found an iron pipe, 2 ins. diam., 8 ins. above the ground, firmly set, with lead cap mkd. X-H3-3-H6-4-4616, to which I added H7-2-4667.</p> <p>Thence N. 36°47'40" W.</p>
265.	Gulch, 5 ft. wide, course S. 50° E. to this point and East below this point.
300.00	Lode line: discovery point bears N. 53°09'40" E., 1309 ft. dist.
586.22	<p>Cor. No. 3.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-H7-3-4667, with mound of stone alongside; from which</p> <p>An iron pipe, 2 ins. diam., 8 ins. above the ground, firmly set, with stone mound surrounding, with lead cap mkd. X-H7-NW-4616, bears N. 36°47'40" W., 13.98 ft. distant, a cor. of the location.</p> <p>Thence N. 53°34'30" E.</p>
14.07	Cor. No. 2 Black Jack #9 lode of this survey.

FEET	
550.	Gulch, 3 ft. wide, course S. 80° E.
636	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
655	Gulch, 2 ft. wide, course S. 30° E.
840	Gulch, 1 ft. wide, course South.
1477	Right bank of wash, 250 ft. wide, course S. 30° E.
1500.03	<p>Cor. No. 4, identical with Cor. Nos. 1, 3, and 2 of the Black Jack #9, Black Jack #14, and Black Jack #15 lodes, respectively, of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-HR-4-BJ9-1-BJ14-3-BJ15-2-4667, with mound of stone alongside.</p> <p style="text-align: center;">Thence S. 36°47'40" E.</p>
110.	Leave valley of gulch, on right bank, 200 ft. wide, course S. 45° E.
215.	Gulch, 2 ft. wide, course N. 80° E.
275.38	Lode line: discovery point bears S, 53°09'40" W., 191 ft. dist.
402.	Enter channel of gulch, on right bank, 500 ft. wide, course S. 50° E.
575.38	Cor. No. 1, and place of beginning.
<p>BLACK JACK #9 LODE</p> <p>Beginning at Cor. No. 1 of the Black Jack #9 lode, identical with Cor. Nos. 3, 2, and 4 of the Black Jack #14, Black Jack #15, and Hope #7 lodes, respectively, of this survey; from which</p> <p>The cor. of secs. 7, 8, 17, and 18 bears S. 41°19'50" E., 1744.82 ft. dist., previously described.</p> <p style="text-align: center;">Thence S. 53°34'30" W.</p>	
8.96	Right bank of wash, 250 ft. wide, course S. 30° E.
645.96	Gulch, 1 ft. wide, course South.
830.96	Gulch, 2 ft. wide, course S. 30° E.
849.96	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
935.96	Gulch, 3 ft. wide, course S. 80° E.
1485.96	Cor. No. 2, on line 3-4 Hope #7 lode of this survey.

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FEET	
	<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ9-2-4667-Hope 1-SE, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 36°25'30" W.</p>
300.00	Lode line: discovery point bears N. 53°34'30" E., 585.96 ft. dist.
600.00	<p>Cor. No. 3, identical with Cor. No. 3 of the Black Jack #8 lode of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ9-3-BJ8-3-4667, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 53°34'30" E.</p>
400.	Gulch, 2 ft. wide, course S. 70° E.
1019.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
1070.	Enter channel of gulch, on right bank, 200 ft. wide, course East.
1410.	Leave channel of gulch, on left bank, 200 ft. wide, course East.
1485.96	<p>Cor. No. 4, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #8, Black Jack #13, and Black Jack #14 lodes, respectively, of this survey.</p> <p>Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ9-4-BJ8-2-BJ13-3-BJ14-4-4667, with mound of stone alongside.</p> <p style="text-align: center;">Thence S. 36°25'30" E.</p>
220.	Left bank of wash, 250 ft. wide, course S. 40° E.
300.00	Lode line; discovery point bears S. 53°34'30" W., 900 ft. dist.
600.00	Cor. No. 1, and place of beginning.
BLACK JACK #8 LODGE	
<p>At Cor. No. 1 of the Black Jack #8 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #7, Black Jack #12, and Black Jack #13 lodes, respectively, of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ8-1-BJ7-2-BJ12-3-BJ13-4-4667, with mound of stone alongside; from which</p> <p>The cor. of secs. 5, 6, 7, and 8, T. 18 S., R. 12 E., G. & S.R.M., Arizona, bears N. 32° 03'50" E., 3437.57 ft. dist.; an iron pin 5/8 ins. diam., 6 ins. above the ground, firmly set and surrounded by a mound of stone.</p>	

FEET	
	Thence S. 36°25'30" E.
300.00	Lode Line; discovery point bears S. 53°34'30" W., 150 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 3, 4, and 4 of the Black Jack #13, Black Jack #14, and Black Jack #9 lodes, respectively, of this survey.
	Thence S. 53°34'30" W.
75.96	Left bank of wash, 200 ft. wide, course East.
415.96	Right bank of wash, 200 ft. wide, course East.
466.96	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
1085.96	Gulch, 2 ft. wide, course S. 70° E.
1485.96	Cor. No. 3, identical with Cor. No. 3 of the Black Jack #9 lode of this survey.
	Thence N. 36°25'30" W.
231.	Gulch, 2 ft. wide, course N. 50° E.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1335.96 ft. dist.
490.	Road, 12 ft. wide, bears S. 60° W. and N. 60° E.
600.00	Cor. No. 4, identical with Cor. No. 3 of the Black Jack #7 lode of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ8-4-BJ7-3-4667, with mound of stone alongside.
	Thence N. 53°34'30" E.
430.	Road, 12 ft. wide, bears South and N. 10° E.
580.	Gulch, 1 ft. wide, course East.
795.	Enter channel of gulch, on right bank, 180 ft. wide, course S. 45° E.
990.	Leave channel of gulch, on left bank, 180 ft. wide, course S. 45° E.
1416.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
1485.96	Cor. No. 1, and place of beginning.
	BLACK JACK #7 LODE
	At Cor. No. 1 of the Black Jack #7 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack

SURVEY NO. 4667

FEET		
	<p>#6, Black Jack #11, and Black Jack #12 lodes, respectively, of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ7-1-BJ6-2-BJ11-3-BJ12-4-4667, with mound of stone alongside, from which</p> <p>The cor. of secs. 5, 6, 7, and 8 bears N. 41°54'25" E., 3265.67 ft. dist., previously described.</p> <p style="text-align: center;">Thence S. 36°25'30" E.</p>	
300.00	Lode line; discovery point bears S. 53°34'30" W., 300 ft. dist.	
415.	Gulch, 4 ft. wide, course S. 70° E.	
495.	High tension line, on wooden poles, bears N. 3° W. and S, 3° E.	
600.00	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #8, Black Jack #12, and Black Jack #13 lodes, respectively, of this survey.	
	Thence S. 53°34'30" W.	
69.96	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.	
495.96	Enter channel of gulch, on left bank, 180 ft. wide, course S. 45° E.	
690.96	Leave channel of gulch, on right bank, 180 ft. wide, course S. 45° E.	
905.96	Gulch, 1 ft. wide, course East.	
1055.96	Road, 12 ft. wide, bears South and N. 10° E.	
1485.96	Cor. No. 3, identical with Cor. No. 4 of the Black Jack #8 lode of this survey.	
	Thence N. 36°25'30" W.	
142.	Gulch, 10 ft. wide, course N. 52° E.	
300.00	Lode line; discovery point bears N. 53°34'30" E., 1185.96 ft. dist.	
600.00	Cor. No. 4, identical with Cor. No. 3 of the Black Jack #6 lode of this survey.	
	<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ7-4-BJ6-3-4667, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 53°34'30" E.</p>	
235.	Gulch, 5 ft. wide, course East.	
635.	Gulch, 16 ft. wide, course S. 60° E. to this point and East below this point.	

FEET	
1260.	Gulch, 2 ft. wide, course S. 70° E.
1350.	Gulch, 3 ft. wide, course S. 30° E.
1458.	Road, 12 ft. wide, bears North and South
1485.96.	Cor. No. 1, and place of beginning.
BLACK JACK #6 LODE	
At Cor. No. 1 of the Black Jack #6 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #5, Black Jack #10 and Black Jack #11 lodes, respectively, of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ6-1-BJ5-2-BJ10-3-BJ11-4-4667, with mound of stone alongside; from which	
The cor. of secs. 5, 6, 7, and 8 bears N. 52°29'30"-E., 3198.77 ft. dist., previously described.	
Thence S. 36°25'30" E.	
300.00	Lode line; discovery point bears S. 53°34'30" W., 1130 ft. dist.
550.	Road, 12 ft. wide, bears North and South.
600.00	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #7, Black Jack #11, and Black Jack #12 lodes, respectively, of this survey, previously described.
Thence S. 53°34'30" W.	
27.96	Road, 12 ft. wide, bears North and South.
135.96	Gulch, 3 ft. wide, course S. 30° E.
225.96	Gulch, 2 ft. wide, course S. 70° E.
850.96	Gulch, 16 ft. wide, course S. 60° E. to this point and East below this point.
1250.96	Gulch, 5 ft. wide, course East.
1485.96	Cor. No. 3, identical with Cor. No. 4 of the Black Jack #7 lode of this survey.
Thence N. 36°25'30"W.	
300.00	Lode line: discovery point bears N. 53°34'30" E., 355.96 ft. dist.
301.	Gulch, 7 ft. wide, course East.
600.00	Cor. No. 4, identical with Cor. No. 3 of the Black Jack #5 lode of this survey.
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ6-4-BJ5-3-4667, with mound of stone	

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FEET	
	alongside.
	Thence N. $53^{\circ}34'30''$ E.
130.	Gulch; 2 ft. wide, course S. 75° E.
412.	Gulch; 15 ft. wide, course S. 55° E.
1243.	Gulch; 2 ft. wide, course S. 60° E.
1364.	Gulch; 1 ft. wide, course S. 30° E. to this point and East below this point.
1485.96	Cor. No. 1, and place of beginning.
BLACK JACK #5 LODE	
	At Cor. No. 1 of the Black Jack #5 lode, identical with Cor. No. 4 of the Black Jack #10 lode of this survey.
	Set a galvanized iron pipe, $3/4$ ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ5-1-BJ10-4-4667, with mound of stone alongside; from which
	The cor. of secs. 5, 6, 7, and 8 bears N. $62^{\circ}25'45''$ E., 3236.77 ft. dist., previously described.
	Thence S. $36^{\circ}25'30''$ E.
225.	Esperanza Gulch, 25 ft. wide, course S. 65° E.
258.67	Lode line; discovery point bears S. $53^{\circ}34'30''$ W., 1000 ft. dist.
558.67	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #6, Black Jack #10, and Black Jack #11 lodes, respectively, of this survey.
	Thence S. $53^{\circ}34'30''$ W.
121.96	Gulch; 1 ft. wide, course S. 30° E. to this point and East below this point.
242.96	Gulch; 2 ft. wide, course S. 60° E.
1073.96	Gulch; 15 ft. wide, course S. 55° E.
1355.96	Gulch; 2 ft. wide, course S. 75° E.
1485.96	Cor. No. 3, identical with Cor. No. 4 of the Black Jack #6 lode of this survey.
	Thence N. $36^{\circ}25'30''$ W.
110.	Gulch; 2 ft. wide, course East.
300.00	Lode line; discovery point bears N. $53^{\circ}34'30''$ E., 485.96 ft. dist.
430.	Gulch; 3 ft. wide, course N. 85° E.
.533.	Gulch; 2 ft. wide, course N. 80° E.
554.63	Cor. No. 4.

SURVEY NO. 4667

FEET	
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ5-4-4667, with mound of stone alongside. Thence N. 53°25'10" E.
56.	Gulch, 10 ft. wide, course S. 80° E.
320.	Gulch, 8 ft. wide, course S. 35° E.
450.	Gulch, 2 ft. wide, course South.
1285.	Gulch, 10 ft. wide, course S. 80° E.
1352.	Esperanza Gulch, 20 ft. wide, course S. 65° E.
1485.96	Cor. No. 1, and place of beginning.
	<hr/> BLACK JACK #14 LODE <hr/>
	At Cor. No. 1 of the Black Jack #14 lode, identical with Cor. No. 2, 3, and 5 of the Black Jack #13, Black Jack #22, and Black Jack #23 lodes, respectively, of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ14-1-BJ13-2-BJ22-3-BJ23-5-4667, with mound of stone alongside; from which The cor. of secs. 5, 6, 7, and 8 bears N. 5°57'50" E., 2518.95 ft. dist., previously described. Thence S. 36°25'30" E.
180.	Gulch, 3 ft. wide, course S. 45° E. to this point and East, below this point.
300.00	Lode line; discovery point bears S. 53°34'30" W., 400 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 2, 3, and 4 of the Black Jack #24, Black Jack #15, and Black Jack #23 lodes, respectively, of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ14-2-BJ24-2-BJ15-3-BJ23-4-4667, with mound of stone alongside. Thence S. 53°34'30" W.
270.	Gulch, 2 ft. wide, course S. 38° E.
530.	Gulch, 6 ft. wide, course S. 70° E.
707.	Esperanza Gulch, 10 ft. wide, course S. 35° E.
1292.	Enter channel of gulch, on left bank, 250 ft. wide, course S. 60° E.
1500.00	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4

FEET	
	of the Black Jack #9, Black Jack #15, and Hope #7 lodes, respectively, of this survey. Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1100 ft. dist.
380.	Leave channel of gulch, on left bank, 250 ft wide, course S. 40° E.
600.00	Cor. No. 4, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #8, Black Jack #13, and Black Jack #9 lodes, respectively, of this survey. Thence N. 53°34'30" E.
365.	Esperanza Gulch, 8 ft. wide, course S. 40° E.
446.	Gulch, 3 ft. wide, course S. 10° E.
992.	Gulch, 3 ft. wide, course S. 45° E.
1500.00	Cor. No. 1, and place of beginning.
BLACK JACK #13 LODE	
	At Cor. No. 1 of the Black Jack #13 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #12, Black Jack #21, and Black Jack #22 lodes, respectively, of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ13-1-BJ12-2-BJ21-3-BJ22-4-4667, with mound of stone alongside; from which
	The cor. of secs. 5, 6, 7, and 8 bears N. 16°59'30" E., 2114.86 ft. dist., previously described.
	Thence S. 36°25'30" E.
300.00	Lode line; discovery point bears S. 53°34'30" W., 250 ft. dist.
332.	Gulch, 5 ft. wide, course N. 82° E.
600.00	Cor. No. 2, identical with Cor. No. 1, 3, and 5 of the Black Jack #14, Black Jack #22, and Black Jack #23 lodes, respectively, of this survey. Thence S. 53°34'30" W.
508.	Gulch, 3 ft. wide, course S. 45° E.
1054.	Gulch, 3 ft. wide, course S. 10° E.
1135.	Esperanza Gulch, 8 ft. wide, course S. 40° E.
1500.00	Cor. No. 3, identical with Cor. Nos. 4, 2, and 4 of the Black Jack #9, Black Jack #8, and Black Jack #14 lodes, respectively, of this survey.

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FEET	
	Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1250 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #8, Black Jack #7, and Black Jack #12 lodes, respectively, of this survey.
	Thence N. 53°34'30" E.
78.	Gulch, 6 ft. wide, course S. 85° E.
461.	Esperanza Gulch, 10 ft. wide, course S. 30° E.
1115.	Gulch, 3 ft. wide, course East.
1500.00	Cor. No. 1, and place of beginning.
	BLACK JACK #12 LODE
	At Cor. No. 1 of the Black Jack #12 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #11, Black Jack #20, and Black Jack #21 lodes, respectively, of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long; 18 ins. in the ground, with brass cap mkd. X-BJ12-1-BJ11-2-BJ20-3-BJ21-4-4667, with mound of stone alongside; from which
	The cor. of secs. 5, 6, 7, and 8 bears N. 32°19'30" E., 1822.08 ft. dist., previously described.
	Thence S. 36°25'30" E.
136.	Gulch, 3 ft. wide, course S. 65° E., to this point and N. 55° E. below this point.
300.00	Lode line; discovery point bears S. 53°34'30" W., 330 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #13, Black Jack #21, and Black Jack #22 lodes, respectively, of this survey.
	Thence S. 53°34'30" W.
385.	Gulch, 3 ft. wide, course East.
1039.	Esperanza Gulch, 10 ft. wide, course S. 30° E.
1422.	Gulch, 6 ft wide, course S. 85° E.
1500.00	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack #8, Black Jack #7, and Black Jack #13 lodes, respectively, of this survey, previously described.
	Thence N. 36°25'30" W.
105.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.

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FEET	
185.	Gulch, 4 ft. wide, course S. 70° E.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1170 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #7, Black Jack #6, and Black Jack # 11 lodes, respectively, of this survey. Thence N. 53°34'30" E.
326.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
535.	Esperanza Gulch, 15 ft. wide, course S. 10° E.
685.	Gulch, 10 ft. wide, course S. 5° E.
1053.	Gulch, 2 ft. wide, course S. 35° E.
1420.	Gulch, 3 ft. wide, course S. 75° E.
1500.00	Cor. No. 1, and place of beginning.
BLACK JACK #11 LODE	
	At Cor. No. 1 of the Black Jack #11 lode, identical with Cor. Nos. 2, 3, and 4 of the Black Jack #10, Black Jack #19, and Black Jack #20 lodes, respectively of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ11-1-BJ10-2-BJ19-3-BJ19-3-BJ20-4-4667, with mound of stone alongside; from which
	The cor. of secs. 5, 6, 7, and 8 bears N. 51°32'10" E., 1699.26 ft. dist., previously described.
	Thence S. 36°25'30" E.
300.00	Lode line; discovery point bears S. 53°34'30" W., 10 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #12, Black Jack #20, and Black Jack #21 lodes, respectively, of this survey, previously described. Thence S. 53°34'30" W.
80.	Gulch, 3 ft. wide, course S. 75° E.
447.	Gulch, 2 ft. wide, course S. 35° E.
815.	Gulch, 10 ft. wide, course S. 5° E.
965.	Esperanza Gulch, 15 ft. wide, course S. 10° E.
1174.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.

FEET	
1500.00	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack # 7, Black Jack #6, and Black Jack #12 lodes, respectively, of this survey. Thence N. 36°25'30" W.
50.	Road, 12 ft. wide, bears North and South.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1490 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #6, Black Jack #5, and Black Jack #10 lodes, respectively, of this survey, previously described. Thence N. 53°34'30" E.
152.	Esperanza Gulch, 20 ft. wide, course S. 80° E.
700	Gulch, 7 ft. wide, course S. 75° E.
723.	High tension line, on wooden poles, bears N. 3° W. and S. 3° E.
807.	Gulch, 8 ft. wide, course S. 55° E.
973	Road, 12 ft. wide, bears N. 60° W. and S. 30° E.
1108	Gulch, 1 ft. wide, course S. 60° E.
1500.00	Cor. No. 1, and place of beginning.
BLACK JACK #10 LODE	
At Cor No. 1 of the Black Jack #10 lode, identical with Cor. No. 4 of the Black Jack #19 lode of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ10-1-BJ19-4-4667. with mound of stone alongside; from which	
The cor. of secs. 5, 6, 7, and 8 bears N. 70°03'10" E., 1770.91 ft. dist., previously described.	
Thence S. 36°25'30" E.	
210.	Gulch, 2 ft. wide, course East.
262.77	Lode line; discovery point bears S. 53°34'30" W., 100 ft. dist.
562.77	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #11, Black Jack #19, and Black Jack #20 lodes, respectively, of this survey. Thence S. 53°34'30" W.
392.	Gulch, 1 ft. wide, course S. 60° E.
527.	Road, 12 ft. wide, bears N. 60° W. and S. 30° E.

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FEET	
693.	Gulch, 8 ft. wide, course S. 55° E.
777.	High tension line, on wooden poles bears N. 13° W. and S. 3° E.
800.	Gulch, 7 ft. wide, course S. 75° E.
1348.	Esperanza Gulch, 20 ft. wide, course S. 80° E.
1500.00	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack #6, Black Jack #5, and Black Jack #11 lodes, respectively, of this survey. Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 1400 ft. dist.
333.67	Esperanza Gulch, 25 ft. wide, course S. 65° E.
558.67	Cor. No. 4, identical with Cor. No. 1 of the Black Jack #5 lode of this survey. Thence N. 53°25'10" E.
480.	Gulch, 6 ft. wide, course South.
807.	Gulch, 10 ft. wide, course S. 15° E.
1068.	Road, 12 ft. wide, bears S. 40° E. and N. 40° W. to McGee Settlement.
1260.	Gulch, 1 ft. wide, course S. 80° E.
1500.00	Cor. No. 1, and place of beginning.
BLACK JACK #15 LODE	
Beginning at Cor. No. 1 of the Black Jack #15 lode, identical with Cor. Nos. 1 and 2 of the Hope #7 and Black Jack #16 lodes, respectively, of this survey and with Cor. No. 3, Sur. No. 4616, Hope #6 lode. Thence N. 36°47'40" W.	
173.38	Leave channel of gulch on right bank 500 ft. wide, course S. 50° E.
300.00	Lode line: discovery point bears N. 53°12'20" E., 999.94 ft. dist.
360.38	Gulch, 2 ft. wide, course N. 80° E.
465.38	Enter valley of gulch, on right bank, 200 ft. wide, course S. 45° E.
575.38	Cor. No. 2, identical with Cor. Nos. 1, 3, and 4 of the Black Jack #9, Black Jack #14, and Hope #7 lodes, respectively, of this survey, previously described. Thence N. 53°34'30" E.
208.	Left bank of wash, 250 ft. wide, course S. 60° E.

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FEET	
793.	Esperanza Gulch, 10 ft. wide, course S. 35° E.
970.	Gulch, 6 ft. wide, course S. 70° E.
1230.	Gulch, 2 ft. wide, course S. 38° E.
1500.00	Cor. No. 3, identical with Cor. Nos. 2, 4, and 2 of the Black Jack #14, Black Jack #23, and Black Jack #24 lodes, respectively, of this survey. Thence S. 36°47'40" E.
265.70	Lode line; discovery point bears S. 53°12'20" W., 500 ft. dist.
565.70	Cor. No. 4, identical with Cor. No. 3 of the Black Jack #16 lode, and on line 1-2 of the Black Jack #24 lode, both of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ15-4-BJ16-3-BJ24-4667, with mound of stone alongside. Thence S. 53°12'20" W.
17.	Gulch, 1 ft. wide, course East.
325.	Esperanza Gulch, 12 ft. wide at junction. W'ly branch 10 ft. wide, course S. 75° E. to this point; N'ly branch 2 ft. wide, course South to this point; course of combined channels S.60° E. below this point.
740.	Gulch, 1 ft. wide, course S. 50° E.
1220.	Left bank of wash, 500 ft. wide, course S. 50° E.
1499.94	Cor. No. 1, and place of beginning.
BLACK JACK #16 LODE	
	At Cor. No. 1 of the Black Jack #16 lode, identical with Cor. No. 2 of the Black Jack #17 lode of this survey and with Cor. Nos. 2 and 2, Sur. No. 4616, Hope #5 and Hope #6 lodes, respectively.
	Found an iron pipe 2 ins. diam., 12 ins. above the ground, firmly set, in the bed of a wash, with lead cap mkd. X-H5-2-H6-2-4616, to which I added BJ16-1-BJ17-2-4667; from which
	The cor. of Secs. 7, 8, 17, and 18 bears S. 50°32'30" E., 580.71 ft. dist., previously described. Thence N. 36°47'40" W.
300.00	Lode line; discovery point bears N. 53°12'20" E., 1124.94 ft. dist.
599.90	Cor. No. 2, identical with Cor. Nos. 1 and 1 of the Hope #7 and Black Jack #15 lodes, respectively, of this survey and with Cor. No. 3, Sur.

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FEET	
	No. 4616, Hope #6 lode. Thence N. 53°12'20" E.
279.94	Leave channel of gulch, on left bank, 500 ft. wide, course S. 50° E.
759.94	Gulch, 1 ft. wide, course S. 50° E.
1174.94	Esperanza Gulch, 12 ft. wide, at junction. W'ly branch 10 ft. wide, course S. 75° E., to this point; N'ly branch 2 ft. wide, course South to this point. Course of combined channels S.60°E., below this point.
1482.94	Gulch, 1 ft. wide, course East.
1499.94	Cor. No. 3, identical with Cor. No. 4 of the Black Jack #15 lode and on line 1-2 Black Jack #24 lode, both of this survey. Thence S. 36°47'40" E.
12.	Gulch, 1 ft. wide, course East.
299.90	Lode line; discovery point bears S. 53°12'20" W., 375 ft. dist.
599.90	Cor. No. 4, identical with Cor. No. 3 of the Black Jack #17 lode, and on line 1-2 of the Black Jack #24 lode, both of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ16-4-BJ17-3-BJ24-4667, with mound of stone alongside. Thence S. 53°12'20" W.
270.	Esperanza Gulch, 15 ft. wide, course S. 35° E.
430.	Gulch, 3 ft. wide, course S. 40° E.
1320.	Left bank of wash, 230 ft. wide, course S. 80° E.
1499.94	Cor. No. 1, and place of beginning.
	BLACK JACK #17 LODE
	At Cor. No. 1 of the Black Jack #17 lode, identical with Cor. Nos. 1 and 1 of the Black Jack #18 and Blackjack #31 lodes, respectively, of this survey and with Cor. No. 3, Sur. No. 4616, Hope #5 lode. Found an iron pipe, 2 ins. diam., 12 ins. above the ground; firmly set, with lead cap mkd. X-H-5-3-4616, to which I added BJ17-1-BJ18-1-BJ31-1-4667, from which The cor. of Secs. 7, 8, 17, and 18 bears N. 42°03'20" E., 140.65 ft. dist., previously described.

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FEET	
	Thence N. 36°47'40" W.
260.	Gulch, 10 ft. wide, course N. 65° E.
300.00	Lode line; discovery point bears N. 53°12'20" E., 1119.94 ft. dist.
	Found an iron pipe, 2 ins. diam., 12 ins. above the ground; firmly set, with stone mound sur- rounding, with lead cap mkd. EAST END CENTER- HOPE5-SURVEY-4616.
459.	Enter channel of gulch, on right bank, 230 ft. wide, course S. 80° E.
591.28	Cor. No. 2, identical with Cor. No. 1 of the Black Jack #16 lode of this survey and with Cor. Nos. 2 and 2 of Sur. No. 4616, Hope #5 and Hope #6 lodes, respectively.
	Thence N. 53°12'20" E.
179.94	Leave channel of gulch, on left bank, 230 ft. wide, course S. 80° E.
1069.94	Gulch, 3 ft. wide, course S. 40° E.
1229.94	Esperanza Gulch, 15 ft. wide, course S. 35° E.
1499.94	Cor. No. 3, identical with Cor. No. 4 of the Black Jack #16 lode and on line 1-2 Black Jack #24 lode, both of this survey.
	Thence S. 36°47'40" E.
291.28	Lode line; discovery point bears S. 53°12'20" W., 380 ft. dist.
333.16	Cor. No. 1 of the Black Jack #24 lode, identical with Cor. No. 1, Red Hill Extension #18 lode, both of this survey.
591.28	Cor. No. 4, identical with Cor. No. 2 of the Black Jack #18 lode and falling on line 4-1 of the Red Hill Extension #18 lode, both of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ17-4-BJ18-2-RHX18-4667, with mound of stone surrounding.
	Thence S. 53°12'20" W.
255.	Esperanza Gulch, 15 ft. wide, course S. 15° E.
865.	Left bank of wash, 300 ft. wide, course S. 80° E.
1250.	Right bank of wash, 300 ft. wide, course S. 80° E.
1499.94	Cor. No. 1, and place of beginning.
	BLACK JACK #18 LODE
	Beginning at Cor. No. 1 of the Black Jack #18 lode, identical with Cor. Nos. 1 and 1 of the

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FEET	
	Black Jack #17 and Blackjack #31 lodes, respectively, of this survey and with Cor. No. 3 Sur. No. 4616, Hope #5 lode. Thence N. 53°12'20" E.
249.94	Right bank of wash, 300 ft. wide, course S. 80° E.
634.94	Left bank of wash, 300 ft. wide, course S. 80° E.
1244.94	Esperanza Gulch, 15 ft. wide, course S. 15° E.
1499.94	Cor. No. 2, identical with Cor. No. 4 of the Black Jack #17 lode, and on line 4-1, Red Hill Extension #18 lode, both of this survey, previously described. Thence S. 36°47'40 E.
210.	Gulch, 6 ft. wide, course S. 50° W.
300.00	Lode line; the discovery point bears S. 53°12'20" W., 650 ft. dist.
600.00	Cor. No. 3, identical with Cor. No. 2 of the Blackjack #28 lode and falling on line 4-1 of the Red Hill Extension #18 lode, both of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ18-3-BJ28-2-RHX18-4667, with mound of stone surrounding. Thence S. 53°12'20" W.
105.	Esperanza Gulch, 8 ft. wide, course S. 40° E.
455.	Enter channel of gulch, on left bank, 170 ft. wide, course S. 50° E.
650.	Leave channel of gulch, on right bank, 170 ft. wide, course S. 50° E.
1210.	Gulch, 2 ft. wide, course S. 40° E.
1499.94	Cor. No. 4, identical with Cor. Nos. 1, 1, and 2 of the Blackjack #28, Blackjack #30, and Blackjack #31 lodes, respectively, of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ18-4-BJ28-1-BJ30-1-BJ31-2-4667, with mound of stone alongside. Thence N. 36°47'40" W.
300.00	Lode line; discovery point bears N. 53°12'20" E., 849.94 ft. dist.
600.00	Cor. No. 1, and place of beginning.
BLACKJACK #28 LODE	
Beginning at Cor. No. 1 of the Blackjack #28	

FEET		
	<p>lode, identical with Cor. Nos. 1, 2, and 4 of the Blackjack #30, Blackjack #31 and Black Jack #18 lodes, respectively, of this survey; from which</p> <p>The cor. of Secs. 7, 8, 17 and 18 bears N. 24°23'10" W., 642.19 ft. dist., previously described.</p> <p>Thence N. 53°12'20" E.</p>	
289.94	Gulch, 2 ft. wide, course S. 40° E.	
849.94	Right bank of wash, 170 ft. wide, course S. 50° E.	
1044.94	Left bank of wash, 170 ft. wide, course S. 50° E.	
1394.94	Esperanza Gulch, 8 ft. wide, course S. 40° E.	
1499.94	<p>Cor. No. 2, identical with Cor. No. 3 of the Black Jack #18 lode, and on line 4-1 Red Hill Extension #18 lode, both of this survey, previously described.</p> <p>Thence S. 36°47'40" E.</p>	
30.00	Lode line; discovery point bears S. 53°12'20" W., 1399.94 dist.	
50.29	<p>Cor. No. 3, identical with Cor. No. 4, Red Hill Extension #18 lode of this survey and on 4-1 Sur. No. 4428, Red Hill Extension #15 lode, at a point from which Cor. No. 1 bears N. 51°12'50" E., 222.20 ft. dist.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ28-3-RHX18-4-4667, with mound of stone alongside.</p> <p>Thence S. 51°12'50" W.</p>	
113.	Esperanza Gulch, 8 ft. wide, course S. 40° E.	
455.	Enter channel of gulch, on left bank, 170 ft. wide, course S. 35° E.	
620.	Leave channel of gulch, on right bank, 170 ft. wide, course S. 35° E.	
1213.	Gulch, 3 ft. wide, course S. 20° E.	
1277.80	Cor. No. 4, Sur. No. 4428, Red Hill Extension #15 lode, identical with Cor. No. 2, of the Red Hill Extension 16 lode, of this survey.	
1500.87	<p>Cor. No. 4, identical with Cor. No. 2 of the Blackjack #30 lode, and falling on line 1-2, of the Red Hill Extension 16 lode, both of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ28-4-BJ30-2-RHX16-4667, with mound of stone surrounding.</p>	

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FEET	
	Thence N. 36°47'40" W.
72.43	Lode line; discovery point bears N. 53°12'20" E., 100 ft. dist.
102.43	Cor. No. 1, and place of beginning.
	BLACK JACK #24 LODE
	At Cor. No. 1 of the Black Jack #24 lode, identical with Cor. No. 1 of the Red Hill Extension #18 lode, and on line 3-4 of the Black Jack #17 lode, of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ24-1-RHX18-1-BJ17-4667, with mound of stone alongside, from which
	The cor. of Secs. 7, 8, 17, and 18 bears S. 43°35' W., 1381.43 ft. dist., previously described.
	Thence N. 36°47'40" W.
333.16	Cor. No. 3 of the Black Jack #17 lode, identical with Cor. No. 4 of the Black Jack #16 lode, of this survey.
921.06	Gulch, 1 ft. wide, course East.
933.06	Cor. No. 3 of the Black Jack #16 lode, identical with Cor. No. 4 of the Black Jack #15 lode, both of this survey.
1498.76	Cor. No. 2, identical with Cor. Nos. 3, 2, and 4 of the Black Jack #15, Black Jack #14 and Black Jack #23 lodes, respectively, of this survey.
	Thence N. 53°34'30" E.
68.65	Lode line; discovery point bears S. 38°47'10" E., 250 ft. dist.
138.65	Cor. No. 3, identical with Cor. No. 3 of the Black Jack #23 lode of this survey and with Cor. No. 4 Sur. No. 4428 Copper John #14 lode.
	Found an iron pin, 5/8 ins. diam., 8 ins. above ground, firmly set, with stone mound alongside, with brass cap mkd. X-CJ14-4-4428, to which I added BJ24-3-BJ23-3-4667.
	Thence S. 38°47'10" E.
685.	Gulch, 2 ft. wide, course East.
1150.	Gulch, 2 ft. wide, course S. 22° E.
1385.	Gulch, 3 ft. wide, course N. 70° E.
1500.00	Cor. No. 4, identical with Cor. Nos. 3 and 4 Sur. No. 4428 Copper John #14 and Copper John #16 lodes, respectively, and with Cor. No. 2 of the Red Hill Extension #18 lode of this survey.

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FEET	
	<p>Found an iron pin, 5/8 ins. diam., 8 ins. above the ground, firmly set with stone mound alongside, with copper cap mkd. X-CJ14-3-CJ16-4-4428, to which I added BJ24-4-RHX18-2-4667.</p> <p style="text-align: center;">Thence S. 53°34'30" W.</p>
70.00	Lode line; discovery point bears N. 38°47'10" W., 1250 ft. dist.
190.80	Cor. No. 1, and place of beginning.
<p>RED HILL EXTENSION #18 LODE</p>	
	<p>Beginning at Cor. No. 1 of the Red Hill Extension #18 lode, identical with Cor. No. 1 of the Black Jack #24 lode and on line 3-4 of the Black Jack #17 lode, both of this survey; from which</p> <p style="text-align: center;">The cor. of Secs. 7, 8, 17, and 18 bears S. 43°35' W., 1381.43 ft., previously described.</p> <p style="text-align: center;">Thence N. 53°34'30" E.</p>
120.80	Lode line; discovery point bears S. 38°47'10" E., 809.16 ft. dist.
190.80	Cor. No. 2, identical with Cor. No. 4 of the Black Jack #24 lode of this survey, and with Cor. Nos. 3 and 4 Sur. No. 4428 of the Copper John #14 and Copper John #16 lodes, respectively.
	Thence S. 38°47'10" E.
445.	Gulch, 4 ft. wide, course S. 15° W.
900.00	Cor. No. 3 Sur. No. 4428 Red Hill Extension #15 lode.
	<p>Found an iron pin, 5/8 ins. diam., 8 ins. above the ground, firmly set with stone mound alongside, with copper cap mkd. X-RHX15-1-4428.</p>
909.16	Cor. No. 3, on line 1-2 Sur. No. 4428 Red Hill Extension #15 lode, common with line 3-4 Sur. No. 4428 Copper John #16 lode.
	<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-RHX18-3-4667; with mound of stone alongside;</p> <p style="text-align: center;">Thence S. 53°34'30" W.</p>
70.00	Lode line; discovery point bears N. 38°47'10" W., 100 ft. dist.
222.39	Cor. No. 4, identical with Cor. No. 3 of the Blackjack #28 lode of this survey and on line 4-1 Sur. No. 4428 Red Hill Extension #15 lode.
	Thence N. 36°47'40" W.
50.29	Cor. Nos. 2 and 3 of the Blackjack #28 and Black Jack #18 lodes, respectively, of this survey.

FEET	
440.29	Gulch, 6 ft. wide, course S. 50° W.
650.29	Cor. Nos. 2 and 4 of the Black Jack #18 and Black Jack #17 lodes, respectively, of this survey.
908.41	Cor. No. 1, and place of beginning.
RED HILL EXTENSION 16 LODE	
At Cor. No. 1 of the Red Hill Extension 16 lode on line 2-3 of the Blackjack #30 lode, common with line 4-1 of the Red Bell No. 1 lode, both of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-RHX16-1-RB1-BJ30-4667, with mound of stone alongside; from which	
The cor. of Secs. 7, 8, 17, and 18, bears N. 24°04'30" W., 748.95 ft. dist., previously described.	
Thence N. 51°12'50" E.	
20.86	Cor. No. 1 of the Red Bell No. 1 lode and on line 2-3 of the Blackjack #30 lode, both of this survey.
26.93	Cor. No. 2 of the Blackjack #30 lode, identical with Cor. No. 4 of the Blackjack #28 lode, both of this survey, previously described.
250.00	Cor. No. 2, identical with Cor. No. 4 Sur. No. 4428 Red Hill Extension #15 lode, and on line 3-4 of the Blackjack #28 lode of this survey.
Found an iron pin 5/8 ins. diam., 8 ins. above the ground, firmly set, with stone mound alongside, with copper cap mkd. X-RHX15-4-4428, to which I added RHX16-2-4667.	
Thence S. 38°47'10" E.	
5.	Gulch, 1 ft. wide, course N. 50° E.
300.00	Lode line; discovery point bears S. 51°12'50" W., 200 ft. dist.
550.	Gulch, 3 ft. wide, course S. 20° W.
600.00	Cor. No. 3, identical with Cor. No. 3 Sur. No. 4428, Red Hill Extension #15 lode and on line 4-1 Sur. No. 4428, Red Hill Extension #14 lode.
Found an iron pin, 5/8 ins. diam., 6 ins. above the ground, firmly set, and with stone mound surrounding, with copper cap mkd. X-RHX15-3-4428, to which I added RHX16-3-4667.	
Thence S. 51°12'50" W.	
140.	Gulch, 4 ft. wide, course S. 5° E.

SURVEY NO. 4667

FEET	
165.	Gulch, 1 ft. wide, course S. 75° E.
250.00	Cor. No. 4, identical with Cor. No. 2 of the Red Bell No. 1 lode of this survey and on line 4-1 Sur. No. 4428 Red Hill Extension #14 lode. Set a galvanized iron pipe, 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-RHX16-4-RB1-2-4667, with mound of stone surrounding. Thence N. 38°47'10" W.
300.00	Lode line; discovery point bears N. 51°12'50" E., 50 ft. dist.
600.00	Cor. No. 1, and place of beginning.
	BLACKJACK #31 LODE
	Beginning at Cor. No. 1 of the Blackjack #31 lode, identical with Cor. Nos. 1 and 1 of the Black Jack #18 and the Black Jack #17 lodes of this survey, and with Cor. No. 3 Sur. No. 4616 Hope #5 lode. Thence S. 36°47'40" E.
300.00	Lode line; discovery point bears S. 52°48'40" W., 40 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 4, 1, and 1 of the Black Jack #18, Blackjack #28, and Blackjack #30 lodes, respectively, of this survey. Thence S. 53°12'20" W.
338.	Gulch, 2 ft. wide, course East to this point and N. 70° E. below this point.
860.	Gulch, 1 ft. wide, course S. 58° E.
1499.97	Cor. No. 3, identical with Cor. No. 4 of the Blackjack #30 lode of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ31-3-BJ30-4-4667, with mound of stone surrounding. Thence N. 36°47'40" W.
289.67	Lode line; discovery point bears N. 52°48'40" E., 1460 ft. dist.
589.67	Cor. No. 4, identical with Cor. Nos. 3 and 4 Sur. No. 4616 Hope #4 and Hope #5 lodes, respectively. Found an iron pipe, 2 ins. diam., 6 ins. above the ground, firmly set, with stone mound alongside, with lead cap mkd. X-H4-3-H5-4-4616, to which I added BJ31-4-4667. Thence N. 52°48'40" E.

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SURVEY NO. 4667

FEET	
1500.00	Cor. No. 1, and place of beginning.
BLACKJACK #30 LODE	
Beginning at Cor. No. 1 of the Blackjack #30 lode, identical with Cor. Nos. 2, 4, and 1 of the Blackjack #31, Black Jack #18, and Blackjack #28 lodes, respectively, of this survey.	
Thence S. 36°47'40" E.	
30.00	Lode line; discovery point bears S. 53°12'20" W., 200 ft. dist.
102.43	Cor. No. 2, identical with Cor. No. 4 of the Blackjack #28 lode and on line 1-2 of the Red Hill Extension 16 lode, both of this survey, previously described.
Thence S. 51°12'50" W.	
6.07	Cor. No. 1 of the Red Bell No. 1 lode of this survey.
26.93	Cor. No. 1 of the Red Hill Extension 16 lode of this survey, previously described.
252.	Gulch, 2 ft. wide, course S. 30° E.
875.	Gulch, 1 ft. wide, course S. 25° E.
1500.88	Cor. No. 3, identical with Cor. No. 4 of the Red Bell No. 1 lode of this survey.
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ30-3-RB1-4-4667, with mound of stone alongside.	
Thence N. 36°47'40" W.	
124.60	Lode line; discovery point bears N. 53°12'20" E., 1299.97 ft. dist.
154.60	Cor. No. 4, identical with Cor. No. 3 of the Blackjack #31 lode of this survey, previously described.
Thence N. 53°12'20" E.	
639.97	Gulch, 1 ft. wide, course S. 58° E.
1161.97	Gulch, 2 ft. wide, course East to this point and N. 70° E. below this point.
1499.97	Cor. No. 1, and place of beginning.
RED BELL NO. 1	
At Cor. No. 1 of the Red Bell No. 1 lode, on line 1-2 of the Red Hill Extension 16 lode, common with line 2-3 of the Blackjack #30 lode, both of this survey.	

FEET	
	<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-RB1-1-BJ30-4667, from which</p> <p>The cor. of Secs. 7, 8, 17, and 18 bears N. 25°37'40" W., 743.91 ft. dist., previously described.</p> <p style="text-align: center;">Thence S. 36°47'40" E.</p>
300.18	Lode line; discovery point bears S. 51°12'50" W., 100 ft. dist.
600.36	<p>Cor. No. 2, identical with Cor. No. 4 of the Red Hill Extension 16 lode of this survey and on line 4-1 Sur. No. 4428 Red Hill Extension #14 lode.</p> <p style="text-align: center;">Thence S. 51°12'50" W.</p>
50.00	Cor. No. 1 of the Escondido 4 lode of this survey, identical with Cor. No. 4 Sur. No. 4428 Red Hill Extension #14 lode.
238.	Gulch, 5 ft. wide, course S. 65° E.
1494.81	<p>Cor. No. 3, on line 4-1 of the Escondido 4 lode of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-RB1-3-E4-4667, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 36°47'40" W.</p>
300.18	Lode line; discovery point bears N. 51°12'50" E., 1394.81 ft. dist.
370.	Gulch, 3 ft. wide, course N. 30° E.
600.36	<p>Cor. No. 4, identical with Cor. No. 3 of the Blackjack #30 lode of this survey, previously described.</p> <p style="text-align: center;">Thence N. 51°12'50" E.</p>
625.88	Gulch, 1 ft. wide, course S. 25° E.
1248.88	Gulch, 2 ft. wide, course S. 30° E.
1473.95	Cor. No. 1 of the Red Hill Extension 16 lode of this survey.
1494.81	Cor. No. 1, and place of beginning.
	<p>ESCONDIDO 4 LODE</p> <p>At Cor. No. 1 of the Escondido 4 lode, identical with Cor. No. 4 Sur. No. 4428 Red Hill Extension #14 lode, and on line 2-3 Red Bell No. 1 lode of this survey.</p> <p>Found an iron pin, 5/8 ins. diam., 10 ins. above the ground, firmly set, with copper cap mkd.</p>

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FEET		
	RHX-14-4-4428 to which I added E4-1-RB1-4667, from which	
	The cor. of Secs. 7, 8, 17, and 18 bears N. 28°30'20" W., 1345.98 ft. dist., previously described.	
	Thence S. 38°47'10" E.	
90.	Gulch, 5 ft. wide, course N. 85° E.	
300.00	Lode line; discovery point bears S. 51°12'50" W., 100 ft. dist.	
600.00	Cor. No. 2, identical with Cor. No. 1 of the September #3 lode of this survey and with Cor. Nos. 3 and 4 Sur. No. 4428, Red Hill Extension #14 and Oakie #10 lodes, respectively.	
	Found an iron pin, 5/8 ins. diam., 6 ins. above the ground, firmly set, with stone mound alongside, with bronze cap mkd. X-RHX14-3-0-10-4-4428, to which I added E4-2-S3-1-4667.	
	Thence S. 51°12'50" W.	
600.00	Gulch, 2 ft. wide, course N. 80° E.	
1146.	Gulch, 3 ft. wide, course S. 75° E.	
1278.	Gulch, 2 ft. wide, course N. 30° W.	
1500.00	Cor. No. 3, identical with Cor. No. 4 of the September #3 lode of this survey.	
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-E4-3-S3-4-4667, with mound of stone surrounding; from which	
	The 1/4 sec. cor. common to Secs. 17 and 18, bears S. 88°32' E., 170.97 ft. dist., an iron pipe, 3/4 ins. diam., 4 ins. above the ground, firmly set at a fence-corner, with mound of stone surrounding.	
	Thence N. 38°47'10" W.	
115.	Gulch, 1 ft. wide, course N. 40° E.	
300.00	Lode line; discovery point bears S. 51°12'50" E., 1400 ft. dist.	
600.00	Cor. No. 4.	
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-E4-4-4667, with mound of stone alongside.	
	Thence N. 51°12'50" E.	
55.19	Cor. No. 3 of the Red Bell No. 1 lode of this survey.	

FEET	
1312.	Gulch, 5 ft. wide, course S. 65° E.
1500.00	Cor. No. 1, and place of beginning.
<p>SEPTEMBER #3 LODE</p>	
<p>Beginning at Cor. No. 1 of the September #3 lode, identical with Cor. No. 2 of the Escondido 4 lode of this survey, and with Cor. Nos. 3 and 4 Sur. No. 4428 Red Hill Extension #14, and Oakie #10 lodes, respectively, from which</p>	
<p>The cor. of Secs. 7, 8, 17, and 18 bears N. 31°40'20" W., 1939.33 ft. dist., previously described.</p>	
<p>The 1/4 sec. cor. of Secs. 17 and 18 bears S. 46°36'10" W., 1373.95 ft. dist., previously described.</p>	
<p>Thence S. 38°47'10" E.</p>	
300.00	Lode line; discovery point bears S. 51°12'50" W., 50 ft. dist.
480.	Gulch, 4 ft. wide, course N. 85° E.
600.00	Cor. No. 2, identical with Cor. Nos. 3 and 4 Sur. No. 4428 Oakie #10 and Copper John Extension #36 lodes, respectively.
<p>Found an iron pin 5/8 ins. diam., 6 ins. above the ground, firmly set, with stone mound alongside, with bronze cap mkd. X-0-10-3-CJX36-4-4428, to which I added S3-2-4667.</p>	
<p>Thence S. 51°12'50" W.</p>	
325.	Gulch, 2 ft. wide, course East.
1432.	Gulch, 1 ft. wide, course East to this point and S. 45° E. below this point.
1500.00	Cor. No. 3.
<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-S3-3-4667, with mound of stone surrounding.</p>	
<p>Thence N. 38°47'10" W.</p>	
72.	Gulch, 1 ft. wide, course East.
300.00	Lode line; discovery point bears N. 51°12'50" E., 1450 ft. dist.
565.	Gulch, 2 ft. wide, course N. 55° E.
600.00	Cor. No. 4, identical with Cor. No. 3 of the Escondido 4 lode of this survey.
<p>Thence N. 51°12'50" E.</p>	
222.	Gulch, 2 ft. wide, course N. 30° W.

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FEET	
354.	Gulch, 3 ft. wide, course S. 75° E.
900.	Gulch, 2 ft. wide, course N. 80° E.
1500.00	Cor. No. 1, and place of beginning.
BLACK JACK #23 LODE	
At Cor. No. 1 of the Black Jack #23 lode, identical with Cor. No. 2 of the Black Jack #22 lode of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ23-1-BJ22-2-4667, with mound of stone alongside; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 28°58' W., 1876.33 ft. dist., previously described.	
Thence S. 36°25'30" E.	
110.	Gulch, 3 ft. wide, course S. 5° W.
257.	Gulch, 3 ft. wide, course S. 55° W.
300.00	Lode line; discovery point bears S. 53°34'30" W., 1254.64 ft. dist.
545.74	Cor. No. 2, identical with Cor. No. 4 of the Copper John #21 lode of this survey, and on line 4-1 Sur. No. 4428 Copper John #1 lode at a point from which Cor. No. 4 bears S. 51°12'50" W., 117.10 ft. dist.
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ23-2-CJ21-4-4667, with mound of stone alongside.	
Thence S. 51°12'50" W.	
117.10	Cor. Nos. 4 and 1 Sur. No. 4428 Copper John #1 and Copper John #13 lodes, respectively.
Found an iron pin, 5/8 ins. diam., 6 ins. above ground, firmly set with stone mound alongside, with copper cap mkd. X-CJ1-4-CJ13-1-4428, to which I added BJ23-4667.	
347.	Gulch, 4 ft. wide, course South.
407.	Gulch, 4 ft. wide, course N. 55° W.
427.	Gulch, 5 ft. wide, course S. 8° E.
717.10	Cor. Nos. 4 and 1 Sur. No. 4428 Copper John #13 and Copper John #14 lodes, respectively.
Found an iron pin, 5/8 ins. diam., 6 ins. above ground, firmly set, with bronze cap mkd. X-CJ13-4-CJ14-1-4428, to which I added BJ23-4667.	

FEET	
867.	Gulch, 8 ft. wide, course S. 6° E.
1067.	Gulch, 8 ft. wide, course S. 60° E.
1317.10	Cor. No. 3, identical with Cor. No. 4 Sur. No. 4428 Copper John #14 lode, and with Cor. No. 3, Black Jack #24 lode of this survey. Thence S. 53°34'30" W.
138.65	Cor. No. 4, identical with Cor. Nos. 2, 3, and 2 of the Black Jack #24, Black Jack #15, and Black Jack #14 lodes, respectively, of this survey. Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 200 ft. dist.
420.	Gulch, 3 ft. wide, course S. 45° E. to this point and East below this point.
600.00	Cor. No. 5, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #14, Black Jack #13, and Black Jack #22 lodes, respectively, of this survey. Thence N. 53°34'30" E.
155.	Gulch, 3 ft. wide, course S. 40° E.
235.	Gulch, 1 ft. wide, course S. 43° E.
513.	Gulch, 1 ft. wide, course S. 47° E.
792.	Gulch, 6 ft. wide, course S. 26° E.
1432.14	Intersect line 4-1 Copper John #21 lode of this survey.
1454.64	Cor. No. 1, and place of beginning.
BLACK JACK #22 LODE	
At Cor. No. 1 of the Black Jack #22 lode, identical with Cor. No. 2 of the Black Jack #21 lode of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ22-1-BJ21-2-4667, with mound of stone alongside; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 25°29'20" W., 1283.77 ft. dist., previously described.	
Thence S. 36°25'30" E.	
300.00	Lode line; discovery point bears S. 53°34'30" W., 1350 ft. dist.
348.	Gulch, 2 ft. wide, course S. 45° W.
545.23	Intersect line 1-2, Copper John #21 lode of this survey.

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FEET	
585.19	Intersect line 3-4, Pena Blanca #1 lode of this survey.
600.00	Cor. No. 2, identical with Cor. No. 1 of the Black Jack #23 lode of this survey. Thence S. 53°34'30" W.
22.50	Intersect line 4-1 Copper John #21 lode of this survey.
662.64	Gulch, 6 ft. wide, course S. 26° E.
940.64	Gulch, 1 ft. wide, course S. 47° E.
1219.64	Gulch, 1 ft. wide, course S. 43° E.
1299.64	Gulch, 3 ft. wide, course S. 40° E.
1454.64	Cor. No. 3, identical with Cor. Nos. 1, 2, and 5 of the Black Jack #14, Black Jack #13, and Black Jack #23 lodes, respectively, of this survey. Thence N. 36°25'30" W.
268.	Gulch, 5 ft. wide, course N. 82° E.
300.00	Lode line; discovery point bears N. 53°34'30" E., 104.64 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #13, Black Jack #12, and Black Jack #21 lodes, respectively, of this survey. Thence N. 53°34'30" E.
190.	Gulch, 2 ft. wide, course S. 35° E.
933.	Gulch, 4 ft. wide, course S. 10° W. to this point and S. 20° E. below this point.
1048.29	Intersect line 4-1, Pena Blanca #1 lode of this survey.
1454.64	Cor. No. 1, and place of beginning.
BLACK JACK #21 LODE	
At Cor. No. 1 of the Black Jack #21 lode, identical with Cor. No. 2 of the Black Jack #20 lode of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ21-1-BJ20-2-4667, with mound of stone alongside; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 16°11' W., 703.93 ft. dist., previously described.	
Thence S. 36°25'30" E.	
23.	Gulch, 5 ft. wide, course S. 10° E.

FEET	
225.	Gulch, 2 ft. wide, course S. 50° W.
274.	Gulch, 3 ft. wide, course S. 55° W.
300.00	Lode line; discovery point bears S. 53°34'30" W., 1284.64 ft. dist.
574.49	Intersect line 3-4 Pena Blanca #2 lode common with line 1-2 Pena Blanca #1 lode, both of this survey.
600.00	Cor. No. 2, identical with Cor. No. 1 of the Black Jack #22 lode of this survey. Thence S. 53°34'30" W.
406.35	Intersect line 4-1 Pena Blanca #1 lode of this survey.
521.64	Gulch, 4 ft. wide, course S. 10° W. to this point and S. 20° E. below this point.
1264.64	Gulch, 2 ft. wide, course S. 35° E.
1454.64	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack #13, Black Jack #12, and Black Jack #22 lodes, respectively, of this survey. Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 170 ft. dist.
464.	Gulch, 3 ft. wide, course S. 65° E. to this point and N. 55° E. below this point.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #12, Black Jack #11, and Black Jack #20 lodes, respectively, of this survey. Thence N. 53°34'30" E.
720.	Gulch, 4 ft. wide, course East.
817.	Gulch, 2 ft. wide, course S. 55° E.
1186.29	Intersect line 4-1 Pena Blanca #2 lode of this survey.
1454.64	Cor. No. 1, and place of beginning.
BLACK JACK #20 LODE	
At Cor. No. 1 of the Black Jack #20 lode, identi- cal with Cor. No. 2 of the Black Jack #19 lode of this survey.	
Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ20-1-BJ19-2-4667, with mound of stone alongside; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 39°38'E., 250.94 ft. dist., previously described.	

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FEET	
	Thence S. 36°25'30" E.
300.00	Lode line; discovery point bears S. 53°34'30" W., 1439.64 ft. dist.
559.48	Intersect line 3-4 Pena Blanca #3 lode, common with line 1-2 of the Pena Blanca #2 lode of this survey.
600.00	Cor. No. 2, identical with Cor. No. 1 of the Black Jack #21 lode of this survey.
	Thence S. 53°34'30" W.
268.35	Intersect line 4-1 Pena Blanca #2 lode of this survey.
637.64	Gulch, 2 ft. wide, course S. 55° E.
734.64	Gulch, 4 ft. wide, course East.
1454.64	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack #12, Black Jack #11, and Black Jack #21 lodes, respectively, of this survey.
	Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 15 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Black Jack #11, Black Jack #10, and Black Jack #19 lodes, respectively, of this survey.
	Thence N. 53°34'30" E.
252.	Gulch, 4 ft. wide, course S. 60° E.
770.	Gulch, 1 ft. wide, course S. 18° E.
1005.	Gulch, 1 ft. wide, course S. 10° E.
1324.29	Intersect line 4-1 Pena Blanca #3 lode of this survey.
1454.64	Cor. No. 1, and place of beginning.
	BLACK JACK #19 LODE
	At Cor. No. 1 of the Black Jack #19 lode, on line 1-2 Pena Blanca #4 lode of this survey.
	Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-BJ19-1-PB4-4667, with mound of stone alongside; from which
	The cor. of Secs. 5, 6, 7, and 8 bears S. 62°07' E., 561.79 ft. dist., previously described.
	Thence S. 36°25'30" E.
266.72	Lode line; discovery point bears S. 53°34'30" W., 1204.64 ft. dist.

FEET	
511.19	Intersect line 4-1 Pena Blanca #4 lode, common with line 1-2 Pena Blanca #3 lode, both of this survey.
566.72	Cor. No. 2, identical with Cor. No. 1 of the Black Jack #20 lode of this survey. Thence S. 53°34'30" W.
130.35	Intersect line 4-1 Pena Blanca #3 lode of this survey.
449.64	Gulch, 1 ft. wide, course S. 10° E.
684.64	Gulch, 1 ft. wide, course S. 18° E.
1202.64	Gulch, 4 ft. wide, course S. 60° E.
1454.64	Cor. No. 3, identical with Cor. Nos. 1, 2, and 4 of the Black Jack #11, Black Jack #10, and Black Jack #20 lodes, respectively, of this survey. Thence N. 36°25'30" W.
300.00	Lode line; discovery point bears N. 53°34'30" E., 250 ft. dist.
352.77	Gulch, 2 ft. wide, course East.
562.77	Cor. No. 4, identical with Cor. No. 1 of the Black Jack #10 lode of this survey. Thence N. 53°25'10" E.
56.	Gulch, 2 ft. wide, course S. 35° E.
298.	Gulch, 2 ft. wide, course S. 28° E.
422.	Gulch, 2 ft. wide, course S. 8° E.
455.	Gulch, 1 ft. wide, course S. 15° W.
1454.64	Cor. No. 1, and place of beginning.
PENA BLANCA #4 LODE	
	At Cor. No. 1 of the Pena Blanca #4 lode, identical with Cor. No. 1 of the Pena Blanca #3 lode of this survey.
	Found a pine post, 48 ins. high, 5 ins. square, loosely set in a mound of stone, which I replaced with a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-PB4-1-PB3-1-4667; from which
	The cor. of Secs. 5, 6, 7, and 8 bears N. 56°50' E., 355.92 ft. dist., previously described. Thence N. 23°28'20" W.
300.00	Lode line; discovery point bears N. 66°15'40" E., 50 ft. dist.

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FEET	
498.72	Cor. No. 1 of the Black Jack #19 lode of this survey.
600.00	Cor. No. 2.
	Found a pine post which I replaced with a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-PB4-2-4667.
	Thence N. 66°15'40" E.
98.	Gulch, 2 ft. wide, course S. 45° E. to this point and S. 28° E. below this point.
325.	Gulch, 1 ft. wide, course S. 12° E.
1495.30	Cor. No. 3, identical with Cor. Nos. 1 and 1 of the Pena Blanca #6 and Pena Blanca #7 lodes, respectively, of this survey.
	Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, in a mound of stone, which I mkd. X-PB4-3-PB6-1-PB7-1-4667.
	Thence S. 23°28'20" E.
300.00	Lode line; discovery point bears S. 66°15'40" W., 1445.30 ft. dist.
378.	Gulch, 1 ft. wide, course N. 45° E.
600.00	Cor. No. 4, identical with Cor. Nos. 4, 2, and 2 of the Pena Blanca #7, Pena Blanca #8, and Pena Blanca #3 lodes, respectively, of this survey.
	Found a pine post, 4 x 4 ins. 48 ins. above the ground, firmly set, in a mound of stone, which I mkd. X-PB4-4-PB7-4-PB8-2-PB3-2-4667.
	Thence S. 66°15'40" W.
830.50	Gulch, 2 ft. wide, course S. 15° W.
1114.30	Gulch, 1 ft. wide, course S. 10° W. to this point and S. 15° E. below this point.
1230.30	Gulch, 3 ft. wide, course S. 7° W. to this point and S. 20° E. below this point.
1380.71	Intersect line 1-2, Black Jack #19 lode of this survey.
1495.30	Cor. No. 1, and place of beginning.
	PENA BLANCA #3 LODE
	Beginning at Cor. No. 1 of the Pena Blanca #3 lode, identical with Cor. No. 1 of the Pena Blanca #4 lode of this survey, previously described.
	Thence N. 66°15'40" E.
114.59	Intersect line 1-2, Black Jack #19 lode of this survey.

FEET	
265.	Gulch, 3 ft. wide, course S. 7° W. to this point and S. 20° E. below this point.
381.	Gulch, 1 ft. wide, course S. 10° W. to this point and S. 15° E below this point.
645.	Gulch, 2 ft. wide, course S. 15° W.
1495.30	Cor. No. 2, identical with Cor. Nos. 4, 4, and 2 of the Pena Blanca #4, Pena Blanca #7, and Pena Blanca #8 lodes, respectively, of this survey, previously described. Thence S. 23°28'20" E.
300.00	Lode line; discovery point bears S. 66°15'40" W., 1445.30 ft. dist., identical with Cor. No. 2 of the P.B. No. 6 lode of this survey.
600.00	Cor. No. 3, identical with Cor. Nos. 1, 1, 1, and 2 of the P.B. No. 6, Pena Blanca #8, Pena Blanca #9, and Pena Blanca #2 lodes, respectively, of this survey. Found a pine post, 48 ins. high, 5 ins. square, loosely set in a mound of stone, which I replaced with a galvanized iron pipe, 3/4 ins. diam, 30 ins. long, 18 ins. in the ground, which I mkd. X-PB3-3-P.B.6-1-PB8-1-PB9-1-PB2-2-4667. Thence S. 66°15'40" W.
1222.30	Gulch, 5 ft. wide, course S. 12° E.
1242.86	Intersect line 1-2, Black Jack #20 lode of this survey.
1495.30	Cor. No. 4, identical with Cor. No. 1 of the Pena Blanca #2 lode of this survey. Found a pine post, 4 x 4 ins., 48 ins. high, firmly set in the ground, which I mkd. X-PB3-4-PB2-1-4667. Thence N. 23°28'20" W.
300.00	Lode line; discovery point bears N. 66°15'40" E., 50 ft. dist.
517.20	Intersect line 4-1, Black Jack #20 lode, common with line 2-3, Black Jack #19 lode, both of this survey.
600.00	Cor. No. 1, and place of beginning.
PENA BLANCA #2 LODE	
Beginning at Cor. No. 1 of the Pena Blanca #2 lode, identical with Cor. No. 4 of the Pena Blanca #3 lode of this survey, previously described; from which The cor. of Secs. 5, 6, 7, and 8 bears N. 4°31'25" E., 747.39 ft. dist., previously described.	

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FEET		
	Thence N. 66°15'40" E.	
252.44	Intersect line 1-2, Black Jack #20 lode of this survey.	
273.	Gulch, 5 ft. wide, course S. 12° E.	
1495.30	Cor. No. 2, identical with Cor. Nos. 3, 1, 1, and 1 of the Pena Blanca #3, P.B. No. 6, Pena Blanca #8, and Pena Blanca #9 lodes, respectively, of this survey.	
	Thence S. 23°28'20" E.	
170.	Gulch, 1 ft. wide, course S. 27° W.	
195.	Gulch, 1 ft. wide, course S. 73° W.	
300.00	Lode line; discovery point bears S. 66°15'40" W., 1445.30 ft. dist.	
600.00	Cor. No. 3, identical with Cor. Nos. 4, 1, and 2 of the Pena Blanca #9, Pena Blanca #10, and Pena Blanca #1 lodes, respectively, of this survey.	
	Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set in a mound of stone, which I mkd. X-PB2-3-PB9-4-PB10-1-PB1-2-4667.	
	Thence S. 66°15'40" W.	
1105.00	Intersect line 1-2, Black Jack #21 lode of this survey.	
1488.30	Gulch, 4 ft. wide, course S. 10° W.	
1495.30	Cor. No. 4, identical with Cor. No. 1 of the Pena Blanca #1 lode of this survey.	
	Found a pine post, 4 x 4 ins. 48 ins. above the ground, firmly set in a mound of stone, which I mkd. X-PB2-4-PB1-1-4667.	
	Thence N. 23°28'20" W.	
132.	Gulch, 1 ft. wide, course S. 74° E.	
300.00	Lode line; discovery point bears N. 66°15'40" E., 50 ft. dist.	
501.54	Intersect line 4-1, Black Jack #21 lode, common with line 2-3, Black Jack #20 lode, both of this survey.	
600.00	Cor. No. 1, and place of beginning.	
	PENA BLANCA #1 LODE	
	Beginning at Cor. No. 1 of the Pena Blanca #1 lode, identical with Cor. No. 4 of the Pena Blanca #2 lode of this survey, previously described; from which	
	The cor. of Secs. 5, 6, 7, and 8 bears N. 7°54'45" W., 1307.86 ft. dist., previously	

FEET	
	described.
	Thence N. 66°15'40" E.
7.	Gulch, 4 ft. wide, course S. 10° W.
390.30	Intersect line 1-2, Black Jack #21 lode of this survey.
1495.30	Cor. No. 2, identical with Cor. Nos. 3, 4, and 1 of the Pena Blanca #2, Pena Blanca #9, and Pena Blanca #10 lodes, respectively, of this survey, previously described.
	Thence S. 23°28'20" E.
295.80	Intersect line 1-2, Copper John #21 lode of this survey.
300.00	Lode line; discovery point bears S. 66°15'40" W., 1445.30 ft. dist.
595.80	Cor. No. 3, identical with Cor. No. 4 of the Pena Blanca #10 lode of this survey.
	Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set in a mound of stone, which I mkd. X-PB1-3-PB10-4-4667.
	Thence S. 66°15'40" W.
350.	Gulch, 1 ft. wide, course S. 15° W.
872.	Gulch, 3 ft. wide, course South to this point and S. 40° E. below this point.
968.12	Intersect line 1-2, Black Jack #22 lode of this survey.
992.03	Intersect line 4-1, Copper John #21 lode of this survey.
1315.	Gulch, 2 ft. wide, course S. 5° W.
1495.30	Cor. No. 4.
	Found a pine post, 4 x 4 ins., 48 ins. high, firmly set in the ground, in a mound of stone, which I mkd. X-PB1-4-4667.
	Thence N. 23°28'20" W.
295.80	Lode line; discovery point bears N. 66°15'40" E., 50 ft. dist.
481.67	Intersect line 4-1, Black Jack #22 lode, common with line 2-3, Black Jack #21 lode, both of this survey.
583.	Gulch, 4 ft. wide, course S. 10° W.
595.80	Cor. No. 1, and place of beginning.
PENA BLANCA #6 LODE	
Beginning at Cor. No. 1 of the Pena Blanca #6	

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FEET	
	<p>lode, identical with Cor. Nos. 1 and 3 of the Pena Blanca #7 and Pena Blanca #4 lodes, respectively, of this survey, previously described; from which</p> <p>The cor. of Secs. 5, 6, 7, and 8 bears S. 40°58'50" W., 1268.46 ft. dist., previously described.</p> <p>Thence N. 23°28'20" W.</p>
300.00	Lode line; discovery point bears N. 66°48'40" E., 50 ft. dist.
600.00	<p>Cor. No. 2.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with stone mound alongside, with brass cap mkd. X-PB6-2-4667.</p> <p>Thence N. 66°48'40" E.</p>
88.	Gulch, 2 ft. wide, course S. 30° E.
1087.	Gulch, 1 ft. wide, course S. 28° E.
1441.44	Intersect the SW'ly endline of the Copper Giant #4 lode, unsurveyed, at a point from which the S'most cor., identical with the W'most cor. of the Copper Giant #5 lode, unsurveyed, bears S. 23°04'10" E., 317.80 ft. dist.; a pine post, 4 x 4 ins., 48 ins. above the ground.
1499.40	<p>Cor. No. 3.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding which I mkd. PB6-3-4667; from which</p> <p>The SW'ly end center of the Copper Giant #4 lode, unsurveyed, bears S. 49°45' W., 60.66 ft. dist.; a pine post, 4 x 4 ins., 48 ins. above the ground.</p> <p>Thence S. 23°28'20" E.</p>
300.00	<p>Lode line; discovery point bears S. 66°48'40" W., 1449.40 ft. dist.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.</p>
317.51	Intersect the sideline common to the Copper Giant #4 and Copper Giant #5 lodes, unsurveyed, at a point from which their W'most common cor. bears S. 66°31'30" W., 60.19 ft. dist., previously described.
570.	Road, 12 ft. wide, bears N. 70° E. and S. 70° W.
600.00	<p>Cor. No. 4, identical with Cor. No. 2 of the Pena Blanca #7 lode of this survey.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the</p>

FEET	
	<p>ground, firmly set, with stone mound surrounding, which I mkd. PB6-4-PB7-2-4667; from which</p> <p>The SW'ly end center of the Copper Giant #5 lode, unsurveyed, bears S. 50°19'40" W., 64.88 ft. dist.; a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.</p> <p style="text-align: center;">Thence S. 66°48'40" W.</p>
62.17	Intersect the SW'ly endline of the Copper Giant #5 lode, unsurveyed, at a point from which the SW'ly end center bears S. 23°04'10" E., 18.41 ft. dist., previously described.
437.40	Gulch, 2 ft. wide, course S. 20° E.
464.40	Road, 12 ft. wide, bears N. 45° E. and S. 30° E.
679.40	Gulch, 3 ft. wide, course S. 75° E. to this point and N. 70° E. below this point.
789.40	Road, 12 ft. wide, bears N. 80° E. and S. 80° W.
981.40	Gulch, 2 ft. wide, course N. 45° E. to this point and N. 20° W. below this point.
1167.40	Road, 12 ft. wide, bears S. 20° W. and N. 60° E.
1499.40	Cor. No. 1, and place of beginning.
PENA BLANCA #7 LODE	
	<p>Beginning at Cor. No. 1 of the Pena Blanca #7 lode, identical with Cor. Nos. 3 and 1 of the Pena Blanca #4 and Pena Blanca #6 lodes, respectively, of this survey, previously described.</p> <p style="text-align: center;">Thence N. 66°48'40" E.</p>
332.	Road, 12 ft. wide, bears S. 20° W. and N. 60° E.
518.	Gulch, 2 ft. wide, course N. 45° E. to this point and N. 20° W. below this point.
710.	Road, 12 ft. wide, bears N. 80° E. and S. 80° W.
820.	Gulch, 3 ft. wide, course S. 75° E. to this point and N. 70° E. below this point.
1035.	Road, 12 ft. wide, bears N. 45° E. and S. 30° E.
1062.	Gulch, 2 ft. wide, course S. 20° E.
1437.23	Intersect the SW'ly endline of the Copper Giant #5 lode, unsurveyed, at a point from which the W'most cor., identical with the S'most cor. of the Copper Giant #4 lode, unsurveyed, bears N. 23°04'10" W., 282.19 ft. dist., previously described.
1499.40	Cor. No. 2, identical with Cor. No. 4 of the Pena Blanca #6 lode of this survey, previously described.

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FEET	
	Thence S. 23°28'20" E.
240.	Road, 12 ft. wide, bears East and West.
300.00	Lode line; discovery point bears S. 66°48'40" W., 1459.40 ft. dist. Found a pine post, 4 x 4 ins., 48 ins. above the ground, with stone mound surrounding.
317.82	Intersect the sideline common to the Copper Giant #5 and Copper Giant #6 lodes, unsurveyed, at a point from which the W'most common cor. bears S. 66°31'30" W., 63.43 ft. dist.; a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.
328.	Gulch, 1 ft. wide, course S. 45° E.
600.00	Cor. No. 3, identical with Cor. No. 3 of the Pena Blanca #8 lode of this survey. Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-PB7-3-PB8-3-4667; from which The W'most cor. common to the Copper Giant #5 and Copper Giant #6 lodes, unsurveyed, bears N. 36°08'30" W., 289.22 ft. dist., previously described. The SW'ly end center of the Copper Giant #6 lode, unsurveyed, bears S. 51°03'30" W., 67.86 ft. dist.; a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.
	Thence S. 66°48'40" W.
65.30	Intersect the SW'ly endline of the Copper Giant #6 lode, unsurveyed, at a point from which the W'most cor., identical with S'most cor. of the Copper Giant #5 lode, unsurveyed, bears N. 23°05'40" W., 281.85 ft. dist., previously described.
209.40	Road, 12 ft. wide, bears N. 12° W. and S. 12° E.
691.40	Road, 12 ft. wide, bears South and N. 15° W.
1499.40	Cor. No. 4, identical with Cor. Nos. 2, 2, and 4 of the Pena Blanca #8, Pena Blanca #3, and Pena Blanca #4 lodes, respectively, of this survey, previously described.
	Thence N. 23°28'20" W.
222.	Gulch, 1 ft. wide, course N. 45° E.
300.00	Lode line; discovery point bears N. 66°48'40" E., 40 ft. dist.
600.00	Cor. No. 1, and place of beginning.

FEET	
	PENA BLANCA #8 LODE
	Beginning at Cor. No. 1 of the Pena Blanca #8 lode, identical with Cor. Nos. 1, 1, 2, and 3 of the P.B. No. 6, Pena Blanca #9, Pena Blanca #2, and Pena Blanca #3 lodes, respectively, of this survey; from which
	The cor. of Secs. 5, 6, 7, and 8 bears N. 83°45'55" W., 1317.62 ft. dist., previously described.
	Thence N. 23°28'20" W.
300.00	Lode line; discovery point bears N. 66°48'40" E., 50 ft. dist., identical with Cor. No. 2 of the P.B. No. 6 lode of this survey.
600.00	Cor. No. 2, identical with Cor. Nos. 2, 4, and 4 of the Pena Blanca #3, Pena Blanca #4, and Pena Blanca #7 lodes, respectively, of this survey.
	Thence N. 66°48'40" E.
808.	Road, 12 ft. wide, bears South and N. 15° W.
1290.	Road, 12 ft. wide, bears N. 12° W., and S. 12° E.
1434.10	Intersect the SW'ly endline of the Copper Giant #6 lode, unsurveyed, at a point from which the W'most cor., identical with the S'most cor. of the Copper Giant #5 lode, unsurveyed, bears N. 23°05'40" W., 281.85 ft. dist., previously described.
1499.40	Cor. No. 3, identical with Cor. No. 3 of the Pena Blanca #7 lode of this survey, previously described; from which
	The S'most cor. of the Copper Giant #6 lode, unsurveyed, identical with the W'most cor. of the Copper Giant #7 lode, unsurveyed, bears S. 11°14'10" E., 323.73 ft. dist., a pine post 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.
	Thence S. 23°28'20" E.
30.	Gulch, 1 ft. wide, course N. 10° E.
290.	Road, 12 ft. wide, bears N. 60° E. and S. 60° W.
300.00	Lode line; discovery point bears S. 66°48'40" W., 1449.40 ft. dist.
	Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.
316.37	Intersect the sideline common to the Copper Giant #6 and Copper Giant #7 lodes, unsurveyed, at a point from which their W'most common cor. bears S. 66°31'30" W., 68.59 ft. dist., previously described.
598.70	Cor. No. 4.

FEET	
	<p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB8-4-4667; from which</p> <p>The W'most cor. common to the Copper Giant #6 and Copper Giant #7 lodes, unsurveyed, bears N. 37°07'50" W., 290.54 ft. dist., previously described.</p> <p>The SW'ly end center of the Copper Giant #7 lode, unsurveyed, bears S. 50°09' W., 71.58 ft. dist., a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.</p> <p style="text-align: center;">Thence S. 66°45'40" W.</p>
28.58	Intersect line 3-4 P.B. No. 6 lode of this survey.
69.30	Intersect the SW'ly endline of the Copper Giant #7 lode, unsurveyed, at a point from which the SW'ly end center bears S. 23°20' E., 18.05 ft. dist., previously described.
1499.40	Cor. No. 1, and place of beginning.
	<p>P.B. NO. 6 LODE</p> <p>Beginning at Cor. No. 1 of the P.B. No. 6 lode, identical with Cor. Nos. 1, 1, 2, and 3 of the Pena Blanca #8, Pena Blanca #9, Pena Blanca #2, and Pena Blanca #3 lodes, respectively, of this survey.</p> <p style="text-align: center;">Thence N. 23°28'20" W.</p>
20.28	Lode line; discovery point bears N. 70°50' E., 1300 ft. dist.
300.00	<p>Cor. No. 2, identical with the end center common to the Pena Blanca #3 and Pena Blanca #8 lodes of this survey.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. P.B. 6-2-4667.</p> <p style="text-align: center;">Thence N. 70°29' E.</p>
790.	Road, 12 ft. wide, bears N. 30° W. and S. 30° E.
865.	Gulch, 1 ft. wide, course North.
1434.01	Intersect the SW'ly endline of the Copper Giant #7 lode, unsurveyed, at a point from which the W'most cor., identical with the S'most cor. of the Copper Giant #6 lode, unsurveyed, bears N. 23°20' W., 75.13 ft. dist.
1474.32	<p>Cor. No. 3.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. P.B. 6-3-4667; from which</p>

FEET	
	<p>The W'most cor. of the Copper Giant #7 lode, unsurveyed, identical with the S'most cor. of the Copper Giant #6 lode, unsurveyed, bears N. 50°41' W., 87.59 ft. dist.</p> <p>Thence S. 23°28'20" E.</p>
204.31	Intersect line 4-1 of the Pena Blanca #8 lode of this survey.
289.16	<p>Lode line; discovery point bears S. 70°50' W., 175 ft. dist.</p> <p>Found a pine post, 4 x 4 ins. 48 ins. above the ground, firmly set with stone mound surrounding.</p>
460.	Road, 12 ft. wide, bears N. 43° E. and S. 43° W.
492.80	<p>Cor. No. 4, identical with Cor. No. 2 of the Pena Blanca #9 of this survey.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. P.B. 6-4-PB9-2-4667; from which</p> <p>The W'most cor. common to the Copper Giant #7 and Copper Giant #8 lodes, unsurveyed, bears S. 31°44' W., 51.69 ft. dist., found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.</p> <p>Thence S. 77°51' W.</p>
43.07	Intersect the SW'ly endline of the Copper Giant #7 lode, unsurveyed, at a point from which the S'most cor., identical with the W'most cor. of the Copper Giant #8 lode, unsurveyed, bears S. 23°09' E., 37.95 ft. dist.
50.	Road, 12 ft. wide, bears N. 50° E., and S. 50° W.
1500.00	Cor. No. 1, and place of beginning.
<p>PENA BLANCA #9 LODE</p>	
	<p>Beginning at Cor. No. 1 of the Pena Blanca #9 lode, identical with Cor. Nos. 1, 1, 2, and 3 of the P.B. No. 6, Pena Blanca #8, Pena Blanca #2, and Pena Blanca #3 lodes, respectively, of this survey, previously described.</p> <p>Thence N. 77°51' E.</p>
1450.	Road, 12 ft. wide, bears N. 50° E. and S. 50° W.
1456.93	Intersect the SW'ly endline of the Copper Giant #7 lode, unsurveyed, at a point from which the S'most cor., identical with the W'most cor. of the Copper Giant #8 lode, unsurveyed, bears S. 23°09' E., 37.95 ft. dist.
1500.00	Cor. No. 2, identical with Cor. No. 4 of the P.B. No. 6 lode of this survey.

FEET	
	Thence S. 23°28'20" E.
29.49	Intersect the sideline common to the Copper Giant #7 and Copper Giant #8 lodes, unsurveyed, at a point from which the W'most common cor. bears S. 66°31'30" W., 42.45 ft. dist., previously described.
96.16	Found a pine post, 4 x 4 ins., 48 ins. above ground, firmly set, with stone mound surrounding.
297.	Gulch, 1 ft. wide, course S. 10° W.
300.00	Lode line; discovery point bears S. 77°51' W., 100 ft. dist.
340.	Gulch, 1 ft. wide, course S. 60° E. to this point and S. 23° E. below this point.
392.	Gulch, 3 ft. wide at junction. W'ly branch, 2 ft. wide, course N. 75° E. to this point; NW'ly branch, 2 ft. wide, course S. 23° E. to this point. Course of combined channels, S. 70° E. below this point, 3 ft. wide.
600.00	Cor. No. 3, identical with Cor. No. 2 of the Pena Blanca #10 lode of this survey. Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB9-3-PB10-2-4667; from which The S'most cor. of the Copper Giant #8 lode, unsurveyed, bears S. 32°07'30" W., 54.55 ft. dist., a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding.
	Thence S. 77°51' W.
45.90	Intersect the SW'ly endline of the Copper Giant #8 lode, unsurveyed, at a point from which the S'most cor. bears S. 23°13'50" E., 39.83 ft. dist., previously described.
1500.00	Cor. No. 4, identical with Cor. Nos. 1, 2, and 3 of the Pena Blanca #10, Pena Blanca #1, and Pena Blanca #2 lodes, respectively, of this survey, previously described.
	Thence N. 23°28'20" W.
300.00	Lode line; discovery point bears N. 77°51' E., 1400 ft. dist.
405.	Gulch, 1 ft. wide, course S. 73° W.
430.	Gulch, 1 ft. wide, course S. 27° W.
600.00	Cor. No. 1, and place of beginning.
	COPPER JOHN #21 LODE
	At Cor. No. 1 of the Copper John #21 lode.

FEET	
	<p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-CJ21-1-4667, with mound of stone alongside; from which</p> <p>The cor. of Secs. 5, 6, 7, and 8 bears N. 27°58'40" W., 1826.49 ft. dist., previously described.</p> <p style="text-align: center;">Thence N. 51°12'50" E.</p>
24.74	Intersect line 1-2 Black Jack #22 lode of this survey.
206.	Gulch, 2 ft. wide, course S. 15° W.
291.	Gulch, 1 ft. wide, course West.
350.	Gulch, 1 ft. wide, course S. 40° W.
1037.79	Intersect line 2-3 Pena Blanca #1 lode, common with line 4-1 Pena Blanca #10 lode, both of this survey.
1382.90	<p>Cor. No. 2.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-CJ21-2-4667, with mound of stone surrounding.</p> <p style="text-align: center;">Thence S. 38°47'10" E.</p>
275.79	Cor. No. 1, KAREN #1 lode of this survey.
300.00	Lode line; discovery point bears S. 51°12'50" W., 530 ft. dist.
504.37	Intersect line 3-4, Pena Blanca #10 lode of this survey.
505.	Gulch, 1 ft. wide, course S. 50° W.
600.00	<p>Cor. No. 3, identical with Cor. Nos. 1 and 4 of the KAREN #2 and KAREN #1 lodes, respectively, both of this survey, and with Cor. No. 1, Sur. No. 4428, Copper John #1 lode.</p> <p>Found a bronze-capped rod, 5/8 ins. diam., 8 ins. above the ground, with stone mound alongside, mkd. X-CJ1-1-4428, to which I added CJ21-3-K2-1-K1-4-4667.</p> <p style="text-align: center;">Thence S. 51°12'50" W.</p>
45.	Gulch, 1 ft. wide, course S. 20° E.
740.	Gulch, 1 ft. wide, course S. 15° E.
910.	Road, 12 ft. wide, bears East and West.
1382.90	<p>Cor. No. 4, identical with Cor. No. 2 of the Black Jack #23 lode of this survey and on line 4-1 Sur. No. 4428 Copper John #1 lode.</p> <p style="text-align: center;">Thence N. 38°47'10" W.</p>

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FEET	
287.	Gulch, 3 ft. wide, course S. 55° W.
300.00	Lode line; discovery point bears N. 51°12'50" E., 852.90 ft. dist.
425.	Gulch, 3 ft. wide, course S. 5° W.
546.20	Intersect line 5-1 Black Jack #23 lode, common with line 2-3 Black Jack #22 lode, both of this survey.
566.28	Intersect line 3-4 Pena Blanca #1 lode of this survey.
600.00	Cor. No. 1, and place of beginning.
PENA BLANCA #10 LODE	
Beginning at Cor. No. 1 of the Pena Blanca #10 lode, identical with Cor. Nos. 2, 3, and 4 of the Pena Blanca #1, Pena Blanca #2, and Pena Blanca #9 lodes of this survey, respectively, previously described; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 65°52'50" W., 1696.96 ft. dist., previously described.	
Thence N. 77°51' E.	
1454.10	Intersect the SW'ly endline of the Copper Giant #8 lode, unsurveyed, at a point from which the S'most cor. bears S. 23°13'50" E., 39.83 ft. dist., previously described.
1500.00	Cor. No. 2, identical with Cor. No. 3 of the Pena Blanca #9 lode of this survey.
Thence S. 23°28'20" E.	
32.39	Intersect line 1-2 of the Pena Blanca #11 lode of this survey, identical with the SE'ly sideline of the Copper Giant #8 lode, unsurveyed, at a point from which the S'most cor. of the Copper Giant #8 lode, unsurveyed, bears S. 68°31'30" W., 45.04 ft. dist.
51.46	Intersect line 1-2 of the KAREN #1 lode, and line 4-1 of the Pena Blanca #11 lode, both of this survey.
300.00	Lode line; discovery point bears S. 77°51' W., 50 ft. dist.
374.02	Intersect line 3-4 of the KAREN #1 lode, identical with line 1-2 of the KAREN #2 lode, both of this survey.
595.80	Cor. No. 3.
Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB10-3-4667.	
Thence S. 77°51' W.	

<p>F E E T</p> <p>422.</p> <p>717.06</p> <p>1024.68</p> <p>1500.00</p> <p>295.80</p> <p>302.00</p> <p>595.80</p>	<p>Gulch, 1 ft. wide, course S. 20° E.</p> <p>Intersect line 3-4, KAREN #1 lode, identical with line 1-2, KAREN #2 lode/of this survey. both</p> <p>Intersect line 2-3, Copper John #21 lode, common with line 4-1, KAREN #1 lode, both of this survey.</p> <p>Cor. No. 4, identical with Cor. No. 3 of the Pena Blanca #1 lode of this survey.</p> <p style="text-align: center;">Thence N. 23°28'20" W.</p> <p>Lode line; discovery point bears N. 77°51' E., 1450 ft. dist.</p> <p>Intersect line 1-2, Copper John #21 lode of this survey.</p> <p>Cor. No. 1, and place of beginning.</p>
	<p>KAREN #1 LODE</p> <p>Beginning at Cor. No. 1 of the KAREN #1 lode, on line 2-3 Copper John #21 lode of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. X-K1-1-4667, with stone mound alongside; from which</p> <p style="text-align: center;">The cor. of Secs. 5, 6, 7, and 8 bears N. 65°28'20" W., 2316.67 ft. dist., previously described.</p> <p style="text-align: center;">Thence N. 59°57'20" E.</p>
<p>1072.16</p> <p>1200.00</p> <p>162.10</p> <p>324.21</p>	<p>Intersect line 4-1 of the Pena Blanca #11 lode and line 2-3 of the Pena Blanca #10 lode, both of this survey.</p> <p>Cor. No. 2, on line 1-2 of the Pena Blanca #11 lode of this survey, common with the SE'ly side-line of the Copper Giant #8 lode, unsurveyed, at a point from which the S'most cor. of the Copper Giant #8 lode, unsurveyed, bears S. 68°31'30"W., 172.12 ft. dist., a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. K1-2-4667.</p> <p style="text-align: center;">Thence S. 38°47'10" E.</p> <p>Lode line; discovery point bears S. 59°57'20" W., 1175 ft. dist.</p> <p>Cor. No. 3, identical with Cor. No. 2 of the KAREN #2 lode of this survey.</p> <p>Set a galvanized iron pipe, 3/4 ins. diam., 30 ins. long, 18 ins. in the ground, with stone mound surrounding, with brass cap mkd. X-K1-3-K2-2-4667.</p> <p style="text-align: center;">Thence S. 59°57'20" W.</p>

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FEET	
125.14	Intersect line 4-1 of the Pena Blanca #11 lode of this survey.
214.03	Intersect line 2-3 of the Pena Blanca #10 lode of this survey.
632.	Gulch, 1 ft. wide, course S. 30° E.
921.79	Intersect line 3-4 of the Pena Blanca #10 lode of this survey.
1200.00	Cor. No. 4, identical with Cor. Nos. 1 and 3 of the KAREN #2 and Copper John #21 lodes of this survey, and with Cor. No. 1 Sur. No. 4428 Copper John #1 lode. Thence N. 38°47'10" W.
95.	Gulch, 1 ft. wide, course S. 50° W.
95.63	Intersect line 3-4 of the Pena Blanca #10 lode of this survey.
162.11	Lode line; discovery point bears N. 59°57'20" E., 25 ft. dist.
324.21	Cor. No. 1, and place of beginning.
KAREN #2 LODE	
Beginning at Cor. No. 1 of the KAREN #2 lode, identical with Cor. Nos. 3 and 4 of the Copper John #21 and KAREN #1 lodes of this survey, and with Cor. No. 1 Sur. No. 4428 Copper John #1 lode; from which	
The cor. of Secs. 5, 6, 7, and 8 bears N. 62°16'30" W., 2610.40 ft. dist., previously described.	
Thence N. 59°57'20" E.	
278.21	Intersect line 3-4 of the Pena Blanca #10 lode of this survey.
568.	Gulch, 1 ft. wide, course S. 30° E.
985.97	Intersect line 2-3 of the Pena Blanca #10 lode of this survey.
1074.86	Intersect line 4-1 of the Pena Blanca #11 lode of this survey.
1200.00	Cor. No. 2, identical with Cor. No. 3 of the KAREN #1 lode of this survey. Thence S. 38°47'10" E.
300.00	Lode line; discovery point bears S. 59°57'20" W., 1175 ft. dist.
600.00	Cor. No. 3, identical with Cor. No. 3 Sur. No. 4428 Copper John Extension #38 lode. Found a brass-capped iron pin, 5/8 ins. diam.,

FEET	
178.	Gulch, 3 ft. wide, course S. 40° E.
256.	Gulch, 1 ft. wide, course South.
260.47	Lode line; discovery point bears S. 39°00'10" E., 300 ft. dist.
308.77	Found a pine post, 4 x 4 ins. 48 ins. above the ground, firmly set, with stone mound surrounding.
387.07	Cor. No. 2, identical with the W'most cor. of the P.B. #8 lode, unsurveyed. Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB11-2-4667. Thence S. 38°59'10" E.
227.	Gulch, 5 ft. wide, course N. 80° E.
1499.24	Cor. No. 3, identical with the S'most cor. of the P.B. #8 lode, unsurveyed. Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB11-3-4667. Thence S. 68°31'30" W.
76.60	Found a pine post, 4 x 4 ins. 48 ins. above the ground, firmly set, with stone mound surrounding.
126.12	Lode line; discovery point bears N. 39°00'10" W., 1199.38 ft. dist.
260.01	Intersect line 3-4 Sur. No. 4428 Copper John Extension #38 lode at a point from which Cor. No. 3, identical with Cor. No. 3, KAREN #2 lode of this survey, bears N. 38°47'10" W., 573.40 ft. dist.
379.60	Cor. No. 4. Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB11-4-4667; from which Cor. No. 3 Sur. No. 4428 Copper John Extension #38 lode, identical with Cor. No. 3, KAREN #2 lode of this survey, bears N. 26°48' W., 549.80 ft. dist. Thence N. 39°15'30" W.
24.	Road, 12 ft. wide, bears East and West.
556.09	Intersect line 3-4 of the KAREN #2 lode of this survey, common with line 2-3 Sur. No. 4428 Copper John Extension #38 lode, at a point from which Cor. Nos. 3 and 3 bears N. 59°57'20" E., 120.16 ft. dist.

FEET	
	<p>8 ins. above the ground, firmly set, with stone mound alongside mkd. CJX38-3-4428, to which I added K2-3-4667.</p> <p style="text-align: center;">Thence S. 59°57'20" W.</p>
120.16	Intersect line 4-1 of the Pena Blanca #11 lode of this survey.
300.	Gulch, 1 ft. wide, course S. 10° E.
580.	Gulch, 3 ft. wide, course S. 30° E.
600.00	<p>Cor. No. 2 Sur. No. 4428 Copper John Extension #38 lode, identical with Cor. No. 4 Sur. No. 4428 Copper John #2 lode.</p> <p>Found a bronze-capped iron pin, 5/8 ins. diam., 8 ins. above the ground, firmly set, with stone mound alongside, mkd. CJX38-2-CJ2-4-4428, to which I added K2-4667.</p>
1200.00	<p>Cor. No. 4, identical with Cor. Nos. 3, 1, and 2, Sur. No. 4428 Copper John #2, Copper John #3, and Copper John #1 lodes, respectively.</p> <p>Found a bronze-capped iron pin, 5/8 ins. in diam., 8 ins. above the ground, firmly set, with stone mound alongside, mkd. X-CJ2-3-CJ3-1-CJ1-2-4428, to which I added K2-4-4667.</p> <p style="text-align: center;">Thence N. 38°47'10" W.</p>
300.00	Lode line; discovery point bears N. 59°57'20" E., 25 ft. dist.
480.	Gulch, 1 ft. wide, course S. 75° E.
600.00	Cor. No. 1, and place of beginning.
PENA BLANCA #11 LODE	
	<p>At Cor. No. 1 of the Pena Blanca #11 lode, on the SE'ly sideline of the Copper Giant #8 lode, un-surveyed.</p> <p>Found a pine post, 4 x 4 ins., 48 ins. above the ground, firmly set, with stone mound surrounding, which I mkd. PB11-1-4667; from which</p> <p style="text-align: center;">The cor. of Secs. 5, 6, 7, and 8 bears N. 82°17'10" W., 3050.65 ft. dist., previously described.</p> <p style="text-align: center;">The S'most cor. of the Copper Giant #8 lode, un-surveyed, bears S. 68°31'30" W., 39.59 ft. dist.</p> <p style="text-align: center;">Thence N. 68°31'30" E.</p>
5.45	Intersect line 2-3 of the Pena Blanca #10 lode of this survey.
132.53	Cor. No. 2 of the KAREN #1 lode of this survey.

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<p>FEET 1156.87</p>	Intersect line 1-2 of the KAREN #2 lode of this survey, identical with line 3-4 of the KAREN #1 lode of this survey.																																																																																														
<p>1481.50</p>	Intersect line 1-2 of the KAREN #1 lode and line 2-3 of the Pena Blanca #10 lode, both of this survey.																																																																																														
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SURVEY NO. 4667

FEET		
	Areas in conflict with--	
	Red Bell No. 1 lode -----	0.144
	Total area, Blackjack #31 lode -----	20.483
	Total area, Blackjack #30 lode -----	4.425
	Total area, Red Bell No. 1 lode -----	20.589
	Total area, Escondido 4 lode -----	20.661
	Total area, September #3 lode -----	20.661
	Areas in conflict with--	
	State Land, Sec. 18 -----	0.399
	Total area, Pena Blanca #1 lode -----	20.451
	Total area, Pena Blanca #2 lode -----	20.596
	Total area, Pena Blanca #3 lode -----	20.596
	Total area, Pena Blanca #4 lode -----	20.596
	Total area, Pena Blanca #6 lode -----	20.652
	Areas in conflict with--	
	Copper Giant #4 lode, unsurveyed -----	0.431
	Copper Giant #5 lode, unsurveyed -----	0.397
	Total area, Pena Blanca #7 lode -----	20.652
	Areas in conflict with--	
	Copper Giant #5 lode, unsurveyed -----	0.459
	Copper Giant #6 lode, unsurveyed -----	0.417
	Total area, Pena Blanca #8 lode -----	20.630
	Areas in conflict with--	
	Copper Giant #6 lode, unsurveyed -----	0.486
	P.B. No. 6 lode -----	8.514
	Copper Giant #7 lode, unsurveyed -----	0.447
	Copper Giant #7 lode, unsurveyed, exclusive of its conflict with the P.B. No. 6 lode -----	0.256
	Total area, P.B. No. 6 lode -----	13.384
	Areas in conflict with--	
	Copper Giant #7 lode, unsurveyed -----	0.462
	Total area, Pena Blanca #9 lode -----	20.259
	Areas in conflict with--	
	Copper Giant #7 lode, unsurveyed -----	0.033
	Copper Giant #8 lode, unsurveyed -----	0.568
	Total area, Pena Blanca #10 lode -----	20.117
	Areas in conflict with--	
	Copper John #21 lode -----	3.614
	Copper Giant #8 lode, unsurveyed -----	0.037
	KAREN #1 lode -----	7.268
	Pena Blanca #11 -----	0.001
	Total area, Copper John #21 lode -----	19.048
	Areas in conflict with--	
	Pena Blanca #1 -----	3.840
	Total area, KAREN #1 lode -----	8.828
	Areas in conflict with--	
	Pena Blanca #11 lode -----	0.931

FEET	
	<p>Total area, KAREN #2 lode----- 16.337 Area in conflict with-- Pena Blanca #10 lode----- 1.791 Pena Blanca #11 lode----- 1.670</p> <p>Total area, Pena Blanca #11 lode----- 12.582 Area in conflict with-- Sur. No. 4428, Copper John Extension #38 lode----- 1.509</p>
	<p>LOCATION</p> <p>This survey is located in Secs. 5, 6, 7, 8, 17, & 18; T. 18 S., R. 12 E.; G. & S. R. M., Arizona.</p> <p>The survey of each of the 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 embraced in said mining claim by the claimant or its grantors are as follows:</p>
No. 1	<p>The discovery shaft of the Hope #7 lode, the center of which being the discovery point, being on the lode line 191 ft. from line 4-1, 275.38 ft. from Cor. No. 4, 4 x 6 ft., 10 ft. deep. Value: \$120.</p>
No. 2	<p>A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 26°40' W., 795 ft. from Cor. No. 4. Value: \$120.</p>
No. 3	<p>A trench, 12 ft. wide, 10 ft. deep, the center of which bears S. 31°10' W., 827 ft. from Cor. No. 4; runs East, 40 ft. to end West, 40 ft. to end. Value: \$300.</p>
No. 1	<p>The discovery shaft of the Black Jack #9 lode, the center of which being the discovery point, is on the lode line 900 ft. from the center of line 4-1; 4 x 6 ft., 8 ft. deep. Value: \$100.</p>
No. 2	<p>An adit, 4 x 6 ft. in size, the portal of which bears N. 19°10' E., 450 ft. from Cor. No. 2, runs N. 15° E., 15 ft. to breast. Value: \$300.</p>
No. 3	<p>A shaft known as the Cowboy Shaft, 6 x 8 ft., 300 ft. deep, the center of which bears S. 77°00' E., 120 ft. from Cor. No. 2. Value: \$15,000.</p>
No. 4	<p>A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 75°05' W., 415 ft. from Cor. No. 1. Value: \$100.</p>

FEET	
No. 5	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 73°10' W., 120 ft. from Cor. No. 1. Value: \$100.
No. 1	The discovery point of the Black Jack #8 lode, being on the lode line 150 ft. from the center of line 1-2. No value.
No. 2	A trench, 12 ft. wide, the center of which bears N. 73°30' W., 250 ft. from Cor. No. 2, runs S. 30° E., 25 ft. to end, and N. 30° W., 25 ft. to end, 8 ft. deep at center. Value: \$300.
No. 3	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 69°50' W., 242 ft. from Cor. No. 2. Value: \$100.
No. 4	A trench, 12 ft. wide, the center of which bears N. 40°45' E., 360 ft. from Cor. No. 3, runs N. 80° W., 20 ft. to end, and S. 80° E., 20 ft. to end, 8 ft. deep at center. Value: \$300.
No. 5	A cut, 12 ft. wide, the center of the face of which bears S. 68°05' E., 135 ft. from Cor. No. 4, runs N. 60° E., 30 ft. to 8 ft. face. Value: \$200.
No. 6	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 58° W., 78 ft. from Cor. No. 2. Value: \$120.
No. 1	The discovery point of the Black Jack #7 lode, being on the lode line 300 ft. from the center of line 1-2. No value.
No. 2	A trench, 12 ft. wide, the center of which bears S. 34°30' W., 350 ft. from Cor. No. 1, runs East, 40 ft. to end, and West, 40 ft. to end, 10 ft. deep at center. Value: \$400.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 64° W., 115 ft. from Cor. No. 2. Value: \$120.
No. 4	A shaft, 4 x 6 ft., 35 ft. deep, the center of which bears S. 10°40' E., 200 ft. from Cor. No. 1. Value: \$1,000.
No. 1	The discovery point of the Black Jack #6 lode, being on the lode line 1130 ft. from the center of line 1-2. No value.
No. 2	A trench, 12 ft. wide, the center of which bears N. 9°30' E., 266 ft. from Cor. No. 3, runs East 25 ft. to end, and West, 25 ft. to end, 8 ft. deep at center. Value: \$250.

FEET	
No. 3	An adit, 4 x 6 ft. in size, the portal of which bears N. 29°05' E., 705 ft., from Cor. No. 3, runs N. 10° E., 40 ft. to breast. Value: \$1,500.
No. 4	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 70°30' W.; 165 ft. from Cor. No. 2. Value: \$100.
No. 5	A diamond drill hole, 2 ins. diam., and 503 ft. deep, the center of which bears S. 53°50' W., 402 ft. from Cor. No. 2. Value: \$2,960.
No. 6	A shaft, 4 x 6 ft., 40 ft. deep, the center of which bears N. 21°10' E., 300 ft. from Cor. No. 3. Value: \$1,500.
No. 1	The discovery point of the Black Jack #5 lode, being on the lode line 1000 ft. from a point on line 1-2, 258.67 ft. from Cor. No. 1. No value.
No. 2	A trench, 12 ft. wide, the center of which bears N. 73°10' E., 448 ft. from Cor. No. 4, runs S. 50° W., 40 ft. to end, and N. 50° E., 40 ft. to end, 8 ft. deep at center. Value: \$400.
No. 3	A shaft, 4 x 6 ft., 12 ft. deep, the center of which bears S. 64°20' W., 80 ft. from Cor. No. 2. Value: \$150.
No. 1	The discovery point of the Black Jack #14 lode, being on the lode line 400 ft. from the center of line 1-2. No value.
No. 2	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 67°05' W., 346 ft. from Cor. No. 2. Value: \$120.
No. 3	An adit, 4 x 6 ft. in size, the portal of which bears N. 24°35' E., 530 ft. from Cor. No. 3, runs S. 10° W., 15 ft. to breast. Value: \$300.
No. 4	A shaft, 4 x 6 ft., 20 ft. deep, the center of which bears S. 88°00' E., 205 ft. from Cor. No. 4. Value: \$300.
No. 5	A diamond drill hole, 2 ins. diam., and 450 ft. deep, the center of which bears N. 73°13' E., 516 ft. from Cor. No. 4. Value: \$2,640.
No. 6	A rotary drill hole, 6 ins. diam., and 65 ft. deep, the center of which bears S. 43°18' W., 310.5 ft. from Cor. No. 1. Value: \$130.

FEET	
No. 7	A diamond drill hole, 2 ins. diam., and 425 ft. deep, the center of which bears S. 43°18' W., 310.5 ft. from Cor. No. 1. Value: \$3,070.
No. 8	A rotary drill hole, 6 ins. diam., and 59 ft. deep, the center of which bears S. 46°00' W., 613 ft. from Cor. No. 1. Value: \$120.
No. 9	A churn drill hole, 9 ins. diam., and 450 ft. deep, the center of which bears S. 46°00' W., 613 ft. from Cor. No. 1. Value: \$7,650.
No. 10	A churn drill hole, 9 ins. diam., and 402 ft. deep, the center of which bears S. 24°25' W., 452.5 ft. from Cor. No. 1. Value: \$6,830.
No. 11	A diamond drill hole, 2 ins. diam., and 400 ft. deep, the center of which bears N. 87°38' W., 291 ft. from Cor. No. 2. Value: \$2,320.
No. 12	A diamond drill hole, 2 ins. diam., and 1503 ft. deep, the center of which bears N. 69°55' W., 43.6 ft. from Cor. No. 2. Value: \$10,400.
No. 13	A diamond drill hole, 2 ins. diam., and 450 ft. deep, the center of which bears S. 71°14' W., 665 ft. from Cor. No. 2. Value: \$2,550.
No. 14	A diamond drill hole, 2 ins. diam., and 1506 ft. deep, the center of which bears N. 22°17' E., 438 ft. from Cor. No. 3. Value: \$8,990.
No. 15	A diamond drill hole, 2 ins. diam., and 601 ft. deep, the center of which bears N. 42°41' E., 575 ft. from Cor. No. 3. Value: \$3,550.
No. 16	A churn drill hole, 9 ins. diam., and 440 ft. deep, the center of which bears N. 29°49' E., 758 ft. from Cor. No. 3. Value: \$7,480.
No. 1	The discovery cut of the Black Jack #13 lode, the center of which being the discovery point, being on the lode line 250 ft. from the center of line 1-2, 12 ft. wide, runs S. 10° W., 40 ft. to 10 ft. face. Value: \$300.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 12° E., 50 ft. from Cor. No. 3. Value: \$100.
No. 3	A shaft, known as the Windmill Shaft, 6 x 8 ft., 90 ft. deep, the center of which bears N. 41°05' W., 160 ft. from Cor. No. 2. Value: \$4,000.

FEET		
No. 4	A churn drill hole, 9 ins. diam., and 181 ft. deep, the center of which bears S. 32°00' W., 255 ft. from Cor. No. 1. Value: \$3,070.	
No. 5	A rotary drill hole, 6 ins. diam., and 115 ft. deep, the center of which bears S. 46°05' W., 595 ft. from Cor. No. 1. Value: \$230.	
No. 6	A diamond drill hole, 2 ins. diam., and 350 ft. deep, the center of which bears S. 46°05' W., 595 ft. from Cor. No. 1. Value: \$2,370.	
No. 7	A rotary drill hole, 6 ins. diam., and 75 ft. deep, the center of which bears N. 60°24' E., 692 ft. from Cor. No. 4. Value: \$150.	
No. 8	A diamond drill hole, 2 ins. diam., and 348 ft. deep, the center of which bears N. 33°28' E., 477 ft. from Cor. No. 3. Value: \$3,550.	
No. 9	A diamond drill hole, 2 ins. diam., and 337 ft. deep, the center of which bears S. 89°43' W., 413 ft. from Cor. No. 2. Value: \$1,880.	
No. 10	A rotary drill hole, 6 ins. diam., and 63 ft. deep, the center of which bears S. 89°43' W., 413 ft. from Cor. No. 2. Value: \$120.	
No. 11	A churn drill hole, 9 ins. diam., and 407 ft. deep, the center of which bears S. 66°14' W., 486 ft. from Cor. No. 2. Value: \$3,550.	
No. 12	A rotary drill hole, 6 ins. diam., and 26 ft. deep, the center of which bears S. 72°41' W., 726 ft. from Cor. No. 2. Value: \$50.	
No. 13	A diamond drill hole, 2 ins. diam., and 425 ft. deep, the center of which bears S. 72°41' W., 726 ft. from Cor. No. 2. Value: \$2,510.	
No. 14	A shaft, 4 x 6 ft., 50 ft. deep, the center of which bears N. 58°15' E., 875 ft. from Cor. No. 4. Value: \$2,500.	
No. 15	A shaft, 4 x 6 ft., 90 ft. deep, the center of which bears N. 58°35' E., 760 ft. from Cor. No. 4. Value: \$4,000.	
No. 16	A shaft, 4 x 6 ft., 40 ft. deep, the center of which bears N. 75°20' E., 793 ft. from Cor. No. 4. Value: \$1,500.	

FEET	
No. 1	The discovery point of the Black Jack #12 lode, being on the lode line 330 ft. from the center of line 1-2. No value.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 19°30' W., 424 ft. from Cor. No. 1. Value: \$100.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears N. 21°05' E., 395 ft. from Cor. No. 3. Value: \$120.
No. 4	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 3° W., 33 ft. from Cor. No. 3. Value: \$100.
No. 5	A rotary drill hole, 6 ins. diam., and 160 ft. deep, the center of which bears S. 10°07' W., 455 ft. from Cor. No. 1. Value: \$320.
No. 6	A rotary drill hole, 6 ins. diam., and 227 ft. deep, the center of which bears S. 27°08' W., 682 ft. from Cor. No. 1. Value: \$450.
No. 7	A rotary drill hole, 6 ins. diam., and 64 ft. deep, the center of which bears S. 73°21' W., 132.5 ft. from Cor. No. 2. Value: \$130.
No. 1	The discovery point of the Black Jack #11 lode, being on the lode line, 10 ft. from the center of line 1-2. No value.
No. 2	A trench, 12 ft. wide, the center of which bears S. 19°45' E., 220 ft. from Cor. No. 1, runs S. 15° E., 25 ft. to end, and N. 15° W., 25 ft. to end; 8 ft. deep in center. Value: \$250.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 26°35' E., 65 ft. from Cor. No. 1. Value: \$120.
No. 4	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 19°00' E., 105 ft. from Cor. No. 3. Value: \$100.
No. 5	A rotary drill hole, 6 ins. diam., and 146 ft. deep, the center of which bears S. 70°48' W., 307 ft. from Cor. No. 2. Value: \$290.
No. 1	The discovery point of the Black Jack #10 lode, being on the lode line 100 ft. from a point on line 1-2, 262.77 ft. from Cor. No. 1. No value.

FEET	
No. 2	A cut, 12 ft. wide, the center of the face of which bears S. 14°25' E., 231 ft. from Cor. No. 1, runs South 40 ft. to a 10 ft. face. Value: \$300.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears N. 27°00' E., 60 ft. from Cor. No. 3. Value: \$120.
No. 4	A diamond drill hole, 2 ins. diam., and 1518 ft. deep, the center of which bears N. 21°13' E., 439 ft. from Cor. No. 3. Value: \$10,660.
No. 1	The discovery point of the Black Jack #23 lode, being on the lode line 200 ft. from the center of line 4-5. No value.
No. 2	A cut, 6 ft. wide, the center of the face of which bears N. 0°30' W., 320 ft. from Cor. No. 4, runs S. 5° W., 35 ft. to 10 ft. face. Value: \$200.
No. 3	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 41°00' E., 50 ft. from Cor. No. 4. Value: \$100.
No. 4	A diamond drill hole, 2 ins. diam., and 1500 ft. deep, the center of which bears N. 41°42' E., 690 ft. from Cor. No. 4. Value: \$8,990.
No. 1	The discovery shaft of the Black Jack #22 lode, known as the Moly Belle shaft, the center of which being the discovery point, is on the lode line 104.64 ft. from the center of line 3-4; 4 x 6 ft., 100 ft. deep. Value: \$5,000.
No. 2	A diamond drill hole, 2 ins. diam., and 400 ft. deep, the center of which bears N. 44°18' E., 57 ft. from Cor. No. 3. Value: \$2,260.
No. 3	A churn drill hole, 9 ins. diam., and 280 ft. deep, the center of which bears S. 49°55' E., 189.5 ft. from Cor. No. 4. Value: \$4,760.
No. 1	The discovery shaft of the Black Jack #21 lode, the center of which being the discovery point, is on the lode line 170 ft. from the center of line 3-4; 4 x 6 ft., 10 ft. deep. Value: \$120.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 40°30' E., 95 ft. from Cor. No. 3. Value: \$100.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears N. 66°20' E., 178 ft. from Cor. No. 4. Value: \$120.

FEET	
No. 4	A churn drill hole, 9 ins. diam., and 274 ft. deep, the center of which bears N. 46°31' E., 186 ft. from Cor. No. 3. Value: \$4,660.
No. 5	A shaft, 5 x 8 ft., 50 ft. deep, the center of which lies on the lode line 116 ft. from the center of line 3-4. Value: \$2,500.
No. 1	The discovery point of the Black Jack #20 lode, being on the lode line 15 ft. from the center of line 3-4. No value.
No. 2	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 42°15' E., 90 ft. from Cor. No. 4. Value: \$120.
No. 3	A rotary drill hole, 6 ins. diam., and 42 ft. deep, the center of which bears N. 19°11' E., 73 ft. from Cor. No. 3. Value: \$300.
No. 4	A diamond drill hole, 2 ins. diam., and 188 ft. deep, the center of which bears N. 33°22' E., 475 ft. from Cor. No. 3. Value: \$1,000.
No. 1	The discovery shaft of the Black Jack #19 lode, the center of which being the discovery point, is on the lode line 250 ft. from a point on line 3-4, 300 ft. from Cor. No. 3; 4 x 6 ft., 8 ft. deep. Value: \$100.
No. 2	A cut, 5 ft. wide, the face of which bears N. 74°10' E., 300 ft. from Cor. No. 4, runs S. 10° E., 30 ft. to 10 ft. face. Value: \$200.
No. 3	A shaft, known as the Blue Belle Shaft, 5 x 7 ft., 30 ft. deep, the center of which bears N. 66°20' E., 380 ft. from Cor. No. 4. Value: \$750.
No. 4	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 48°30' E., 85 ft. from Cor. No. 3. Value: \$100.
No. 1	The discovery point of the Black Jack #15 lode, being on the lode line 500 ft. from a point on line 3-4, 265.70 ft. from Cor. No. 3. No value.
No. 2	A cut, 12 ft. wide, the center of the face of which bears S. 46°05' W., 415 ft. from Cor. No. 3; runs N. 10° W., 40 ft. to 10 ft. face. Value: \$250.
No. 3	A diamond drill hole, 2 ins. diam., and 700 ft. deep, the center of which bears S. 24°15' W., 276.5 ft. from Cor. No. 3. Value: \$4,040.

SURVEY NO. 4667

FEET	
No. 4	A diamond drill hole, 2 ins. diam., and 400 ft. deep, the center of which bears S. 51°03' W., 641 ft. from Cor. No. 3. Value: \$2,320.
No. 5	A diamond drill hole, 2 ins. diam., and 1500 ft. deep, the center of which bears S. 67°22' E., 180 ft. from Cor. No. 2. Value: \$9,030.
No. 6	A diamond drill hole, 2 ins. diam., and 1404 ft. deep, the center of which bears S. 84°03' E., 670 ft. from Cor. No. 2. Value: \$8,840.
No. 1	The discovery point of the Black Jack #16 lode is on the lode line 375 ft. from a point on line 3-4, 299.90 ft. from Cor. No. 3. No value.
No. 2	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 77°40' W., 458 ft. from Cor. No. 4. Value: \$120.
No. 3	A diamond drill hole, 2 ins. diam., and 1509 ft. deep, the center of which bears S. 36°48' W., 633 ft. from Cor. No. 3. Value: \$9,190.
No. 4	A diamond drill hole, 2 ins. diam., and 1524 ft. deep, the center of which bears S. 40°59' W., 1341 ft. from Cor. No. 3. Value: \$9,250.
No. 5	A diamond drill hole, 2 ins. diam., and 1483 ft. deep, the center of which bears S. 83°37' W., 240 ft. from Cor. No. 4. Value: \$10,280.
No. 6	A diamond drill hole, 2 ins. diam., and 1500 ft. deep, the center of which bears S. 54°15' W., 910 ft. from Cor. No. 4. Value: \$9,070.
No. 1	The discovery point of the Black Jack #17 lode, being on the lode line 380 ft. from a point on line 3-4, 291.28 ft. from Cor. No. 3. No value.
No. 2	A cut, 12 ft. wide, the face of which bears S. 87°15' W., 515 ft. from Cor. No. 4; runs S. 85° W., 40 ft. to 10 ft. face. Value: \$250.
No. 3	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 77°50' E., 306 ft. from Cor.No. 2. Value: \$100.
No. 4	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 51°00' W., 442 ft. from Cor. No. 3. Value: \$120.
No. 5	A diamond drill hole, 2 ins. diam., and 1697 ft. deep, the center of which bears S. 24°11' W., 583 ft. from Cor. No. 3. Value: \$10,860.

FEET	
No. 6	A diamond drill hole, 2 ins. diam., and 1541 ft. deep, the center of which bears S. 63°22' W., 1223 ft. from Cor. No. 4. Value: \$10,680.
No. 7	A diamond drill hole, 2 ins. diam., and 1506 ft. deep, the center of which bears S. 57°55' W., 109.5 ft. from Cor. No. 4. Value: \$9,600.
No. 1	The discovery point of the Black Jack #18 lode, being on the lode line 650 ft. from the center of line 2-3. No value.
No. 2	A trench, 12 ft. wide, the center of which bears S. 31°30' W., 710 ft. from Cor. No. 2; runs S. 5° E., 20 ft. to the end, and N. 5° W., 20 ft. to end, 10 ft. deep in center. Value: \$300.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears N. 87°25' E., 465 ft. from Cor. No. 1. Value: \$120.
No. 4	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 88° 25' W., 452 ft. from Cor. No. 3. Value: \$100.
No. 5	An adit, 4 x 6 ft. in size, the portal of which lies on the lode line 340 ft. from the center of line 2-3; runs S. 53° W., 60 ft. to connect with vertical shaft. Value: \$1,200.
No. 6	A diamond drill hole, 2 ins. diam., and 1500 ft. deep, the center of which bears S. 87°58' W., 498.5 ft. from Cor. No. 3. Value: \$10,420.
No. 7	A diamond drill hole, 2 ins. diam., and 1526 ft. deep, the center of which bears S. 73°58' W., 968 ft. from Cor. No. 3. Value: \$10,540.
No. 8	A shaft, 4 x 6 ft., 15 ft. deep, the center of which lies on the lode line 405 ft. from the center of line 2-3. Value: \$400.
No. 1	The discovery point of the Blackjack #28 lode, being on the lode line 100 ft. from a point on line 4-1, 72.43 ft. from Cor. No. 4. No value.
No. 2	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears N. 45°10' E., 130 ft. from Cor. No. 4. Value: \$120.
No. 3	A diamond drill hole, 2 ins. diam., and 1571 ft. deep, the center of which bears N. 64°10' E., 300 ft. from Cor. No. 1. Value: \$10,890.

SURVEY NO. 4667

FEET	
No. 1	The discovery cut of the Black Jack #24 lode, the center of the Easterly end of which being the discovery point, is on the lode line 250 ft. from a point on line 2-3, 68.65 ft. from Cor. No. 2; runs N. 80° W., 45 ft. to 10 ft. face. Value: \$300.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 45°00' W., 28 ft. from Cor. No. 4. Value: \$100.
No. 3	A diamond drill hole, 2 ins. diam., and 1500 ft. deep, the center of which bears S. 43°27' E., 668 ft. from Cor. No. 2. Value: \$9,480.
No. 1	The discovery point of the Red Hill Extension #18 lode, being on the lode line 100 ft. from a point on line 3-4, 70 ft. from Cor. No. 3. No value.
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 18°30' W., 48 ft. from Cor. No. 4. Value: \$100.
No. 3	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 36°10' E., 266 ft. from Cor. No. 2. Value: \$120.
No. 4	A diamond drill hole, 2 ins. diam., and 977 ft. deep, the center of which bears N. 63°03' W., 310 ft. from Cor. No. 3. Value: \$6,000.
No. 1	The discovery point of the Red Hill Extension 16 lode, being on the lode line 50 ft. from the center of line 4-1. No value.
No. 2	A trench, 12 ft. wide, the center of which bears S. 55°10' E., 198 ft. from Cor. No. 1; runs North, 20 ft. to end and South, 20 ft. to end, 10 ft. deep in center. Value: \$300.
No. 3	A trench, 12 ft. wide, the center of which bears N. 25°40' W., 68 ft. from Cor. No. 4; runs N. 67° W., 20 ft. to end and S. 67° E., 20 ft. to end; 10 ft. deep in center. Value: \$300.
No. 1	The discovery shaft of the Blackjack #31 lode, the center of which being the discovery point, is on the lode line 40 ft. from the center of line 1-2. Value: \$100.
No. 2	A cut, 15 ft. wide, the South end of which falls on line 2-3, 258 ft. from Cor. No. 2; runs S. 21° E., 45 ft. to 10 ft. face. Value: \$450.

FEET	
No. 1	The discovery point of the Blackjack #30 lode, being on the lode line 200 ft. from a point on line 1-2, 30 ft. from Cor. No. 1. No value.
No. 2	A cut, 15 ft. wide, the North end of which falls on line 4-1, 258 ft. from Cor. No. 1; runs N. 21° W., 25 ft. to 10 ft. face. Value: \$250.
No. 3	A trench, 12 ft. wide, the center of which bears S. 56°05' W., 222 ft. from Cor. No. 2; runs N. 5° E., 20 ft. to end and S. 5° W., 20 ft. to end; 10 ft. deep in center. Value: \$350.
No. 1	The discovery point of the Red Bell No. 1 lode, being on the lode line 100 ft. from the center of line 1-2. No value.
No. 2	A cut, 20 ft. wide, the center of the face of which bears S. 10°50' W., 201 ft. from Cor. No. 1; runs N. 55° E., 45 ft. to 10 ft. face. Value: \$600.
No. 1	The discovery point of the Escondido 4, being on the lode line 100 ft. from center of line 1-2. No value.
No. 2	A trench, 25 ft. wide, the center of which bears S. 15°45' E., 165 ft. from Cor. No. 1; runs N. 55° W., 40 ft. to end and S. 55° E., 40 ft. to end, 16 ft. deep in center. Value: \$1,000.
No. 3	A cut, 15 ft. wide, the center of the face of which bears S. 74°15' W., 570 ft. from Cor. No. 2; runs N. 15° W., 40 ft. to 12 ft. face. Value: \$350.
No. 4	A cut, 12 ft. wide, the center of the face of which bears N. 22°05' E., 335 ft. from Cor. No. 3; runs N. 80° W., 30 ft. to 10 ft. face. Value: \$200.
No. 5	A trench, 12 ft. wide, the center of which bears N. 9°05' E., 52 ft. from Cor. No. 3; runs S. 88° W., 40 ft. to end and N. 88° E., 40 ft. to end, 10 ft. deep in center. Value: \$600.
No. 1	The discovery point of the September #3 lode, being on the lode line 50 ft. from the center of line 1-2. No value.
No. 2	A trench, 12 ft. wide, the center of which bears S. 61°30' W., 56 ft. from Cor. No. 2; runs East, 15 ft. to end, and West, 15 ft. to end, 10 ft. deep in center. Value: \$250.
No. 3	A trench, 20 ft. wide, the center of which bears S. 26°00' W., 555 ft. from Cor. No. 1; runs N. 50° E., 40 ft. to end, and S. 50° W., 40 ft.

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	to end, 12 ft. deep in center. Value: \$1,000.	
No. 1	The discovery point of the Pena Blanca #4 lode, being on the lode line 50 ft. from the center of line 1-2. No value.	
No. 2	A shaft, 5 x 5 ft., 10 ft. deep, being on the lode line 250 ft. from the center of line 1-2. Value: \$100.	
No. 1	The discovery point of the Pena Blanca #3 lode, being on the lode line 50 ft. from the center of line 4-1. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 50 ft. long, and 10 ft. deep in the center, the center of which bears N. 27°05' E., 310 ft. from Cor. No. 4; runs N. 40° E., 25 ft. to end, and S. 40° W., 25 ft. to end. Value: \$1,200.	
No. 3	A bulldozer cut, 12 ft. wide, 50 ft. long, and 8 ft. deep in the center, the center of which bears N. 40°30' E., 686 ft. from Cor. No. 4; runs N. 50° E., 25 ft. to end, and S. 50° W., 25 ft. to end. Value: \$1,000.	
No. 1	The discovery point of the Pena Blanca #2 lode, being on the lode line 50 ft. from the center of line 4-1. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 60 ft. long, and 10 ft. deep in the center, the center of which bears S. 18°50' W., 357 ft. from Cor. No. 1, Black Jack #21 lode; runs N. 25° W. and S. 25° E. Value: \$1,500.	
No. 3	A bulldozer cut, 12 ft. wide, 45 ft. long, and 10 ft. deep in the center, the East end of which bears N. 3°40' W., 298 ft. from Cor. No. 2, Black Jack #21 lode; runs N. 80° W., and S. 80° E. Value: \$1,000.	
No. 1	The discovery point of the Pena Blanca #1 lode, being on the lode line 50 ft. from a point on line 4-1, 295.80 ft. from Cor. No. 4. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 30 ft. long, and 8 ft. deep in the center, the center of which bears S. 25° W., 465 ft. from Cor. No. 1, Black Jack #22 lode; runs N. 25° W., 15 ft. to end, and S. 25° E., 15 ft. to end. Value: \$500.	
No. 3	A bulldozer cut, 12 ft. wide, 20 ft. long, and 8 ft. deep in the center, the center of which bears N. 11°05' W., 275 ft. from Cor. No. 2, Black Jack #22 lode; runs N. 65° W., 10 ft. to	

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	end, and S. 65° E., 10 ft. to end. Value: \$400.	
No. 1	The discovery point of the Copper John #21 lode, being on the lode line 530 ft. from the center of line 2-3. No value.	
No. 2	A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 80°20' W., 268 ft. from Cor. No. 3. Value: \$125.	
No. 3	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 77°25' W., 238 ft. from Cor. No. 3. Value: \$100.	
No. 1	The discovery point of the Pena Blanca #6 lode, being on the lode line 50 ft. from the center of line 1-2. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 50 ft. long, and 10 ft. deep in the center, the center of which bears N. 11°10' E., 308 ft. from Cor. No. 1; runs N. 60° E., 25 ft. to end, and S. 60° W., 25 ft. to end. Value: \$1,200.	
No. 1	The discovery point of the Pena Blanca #7 lode, being on the lode line 40 ft. from the center of line 4-1. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 50 ft. long, and 10 ft. deep in the center, the center of which bears N. 27°45' E., 502 ft. from Cor. No. 4; runs N. 45° W., 20 ft. to end, and S. 45° E., 20 ft. to end. Value: \$1,000.	
No. 1	The discovery point of the Pena Blanca #8 lode, being on the lode line 50 ft. from the center of line 1-2. No value.	
No. 2	A bulldozer cut, 12 ft. wide, 50 ft. long, and 10 ft. deep in the center, the center of which bears N. 2°50' E., 325 ft. from Cor. No. 1; runs N. 75° W., 25 ft. to end, and S. 75° E., 25 ft. to end. Value: \$1,200.	
No. 1	The discovery shaft of the P.B. No. 6 lode, the center of which being the discovery point, being on the lode line 175 ft. from a point on line 3-4, 289.16 ft. from Cor. No. 3, 5 x 5 ft., 10 ft. deep. Value: \$125.	
No. 1	The discovery shaft of the Pena Blanca #9 lode, the center of which being the discovery point, being on the lode line 100 ft. from the center of line 2-3; 5 x 5 ft., 10 ft. deep. Value: \$125.	

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No. 1	<p>The discovery point of the Pena Blanca #10 lode, being on the lode line 50 ft. from a point on line 2-3, 300 ft. from Cor. No. 2. No value.</p>
No. 2	<p>A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 76°10' E., 62 ft. from Cor. No. 2, Copper John #21 lode. Value: \$125.</p>
No. 1	<p>The discovery point of the KAREN #1 lode, being on the lode line 25 ft. from a point on line 4-1, 162.11 ft. from Cor. No. 4. No value.</p>
No. 2	<p>A bulldozer cut, 12 ft. wide, 30 ft. long, 10 ft. deep in center, the center of which bears S. 78°30' E., 170 ft. from Cor. No. 1, runs S. 80° E., 15 ft. to end, and N. 80° W., 15 ft. to end. Value: \$900.</p>
No. 3	<p>A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 73°40' W., 478 ft. from Cor. No. 3. Value: \$100.</p>
No. 1	<p>The discovery point of the KAREN #2 lode, being on the lode line 25 ft. from the center of line 4-1. No value.</p>
No. 2	<p>A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 22°45' W., 193 ft. from Cor. No. 2. Value: \$125.</p>
No. 1	<p>The discovery point of the Pena Blanca #11 lode, being on the lode line 300 ft. from a point on line 1-2, 260.47 ft. from Cor. No. 1. No value.</p>
No. 2	<p>A shaft, 4 x 6 ft., 8 ft. deep, the center of which being on the lode line 758 ft. from a point on line 1-2, 260.47 ft. from Cor. No. 1. Value: \$100.</p>
<p>Interests in common improvements described as follows:</p>	
<p>A diamond drill hole, 2 ins. diam., and 498 ft. deep, the center of which bears N. 46°15' E., 434 ft. from Cor. No. 1, Pena Blanca #4 lode. Value: \$2,000.</p>	
<p>A diamond drill hole, 2 ins. diam., and 1498 ft. deep, the center of which bears N. 64°50' E., 38 ft. from Cor. No. 1, Black Jack #22 lode. Value: \$6,000.</p>	
<p>These improvements were undertaken for the purpose of developing the Pena Blanca #1, Pena Blanca #2, Pena Blanca #3, and Pena Blanca #4, lodes of this survey, which are all contiguous lodes owned in common within the range of benefit of said development. \$500 or more has been expended in</p>	

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	<p>these improvements in such a manner as tends to the development of said four lodes subsequent to their location and to the time since which common interest and contiguity have prevailed, therefore an undivided one-fourth interest in their total value is hereby credited to each of said four lodes. No portion of or interest in any of the above-listed improvements has been credited heretofore as patent expenditure to any lode claim.</p> <p>Value of one-quarter interest: \$2,000.</p> <p>Interests in common improvements described as follows:</p> <p>A diamond drill hole, 2 ins. diam., and 421 ft. deep, the center of which bears S. 59°15' W., 512 ft. from Cor. No. 2, Pena Blanca #7 lode. Value: \$2,000.</p> <p>A diamond drill hole, 2 ins. diam., and 520 ft. deep, the center of which bears S. 74°22' W., 720 ft. from Cor. No. 3, Pena Blanca #7 lode. Value: \$2,800.</p> <p>A diamond drill hole 2 ins. diam., and 513 ft. deep, the center of which bears N. 48°54' W., 561 ft. from Cor. No. 4, Pena Blanca #8 lode. Value: \$2,200.</p> <p>A diamond drill hole, 2 ins. diam., and 584 ft. deep, the center of which bears S. 89°21' W., 352 ft. from Cor. No. 4, Pena Blanca #8 lode. Value: \$1,400</p> <p>These improvements were undertaken for the purpose of developing the Pena Blanca #6, Pena Blanca #7, Pena Blanca #8, and P.B. No. 6 lodes of this survey, which are all contiguous lodes owned in common within the range of benefit of said development. \$500 or more has been expended in these improvements in such a manner as tends to the development of said four lodes subsequent to their location and to the time since which common interest and contiguity have prevailed, therefore an undivided one-fourth interest in their total value is hereby credited to each of said four lodes. No portion of or interest in any of the above-listed improvements has been credited heretofore as patent expenditure to any lode claim.</p> <p>Value of one-quarter interest: \$2,100.</p> <p>Interests in common improvements described as follows:</p> <p>A diamond drill hole, 2 ins. diam., and 751 ft. deep, the center of which bears S. 70°30' W., 692 ft. from Cor. No. 2, Pena Blanca #9 lode of this survey. Value: \$2,800.</p> <p>A diamond drill hole, 2 ins. diam., and 701 ft. deep, the center of which bears S. 31°10' W., 130 ft. from Cor. No. 2, Pena Blanca #9 lode of this survey. Value: \$2,800.</p>	

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	<p>A diamond drill hole, 2 ins. diam., and 675 ft. deep, the center of which bears N. 89°30' W., 424 ft. from Cor. No. 3, Pena Blanca #9 lode of this survey. Value: \$1,700.</p> <p>A diamond drill hole, 2 ins. diam., and 101 ft. deep, the center of which bears S. 66°56' W., 740 ft. from Cor. No. 2, Pena Blanca #10 lode of this survey. Value: \$2,900.</p> <p>These improvements were undertaken for the purpose of developing the Pena Blanca #9, Pena Blanca #10, and Copper John #21 lodes of this survey, which are all contiguous lodes, owned in common within the range of benefit of said development. \$500 or more has been expended in these improvements in such a manner as tends to the development of said three lodes subsequent to their location and to the time since which common interest and contiguity have prevailed, therefore an undivided one-third interest in their total value is hereby credited to each of said three lodes. No portion of or interest in any of the above-listed improvements has been credited heretofore as patent expenditure to any lode claim. Value of one-third interest: \$3,400.</p> <p>Interests in common improvements described as follows:</p> <p>A diamond drill hole, 2 ins. diam., and 546 ft. deep, the center of which bears S. 32°53' W., 357 ft. from Cor. No. 2, KAREN #1 lode of this survey. Value: \$2,100.</p> <p>A diamond drill hole, 2 ins. diam., and 386 ft. deep, the center of which bears N. 34°27' E., 228 ft. from Cor. No. 3, KAREN #2 lode of this survey. Value: \$1,500.</p> <p>These improvements were undertaken for the purpose of developing the KAREN #1, KAREN #2, and Pena Blanca #11 lodes of this survey, which are all contiguous lodes owned in common within the range of said development. \$500 or more has been expended in these improvements in such a manner as tends to the development of said three lodes subsequent to their location and to the time since which common interest and contiguity have prevailed, therefore an undivided one-third interest in their total value is hereby credited to each of said three lodes. No portion of or interest in any of the above-listed improvements has been credited heretofore as patent expenditure to any lode claim. Value of one-third interest: \$1,200.</p> <p>Other Corner Descriptions And Supplemental Data Sur. No. 4428 Copper John Extension #36 lode, Cor. No. 4 is an iron pin with a bronze cap</p>

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	<p>set in a stone mound, properly marked. Lines 3-4 and 4-1 are shown as approved.</p>
	<p>Sur. No. 4428 Oakie #10 lode, Cors. Nos. 3 and 4 are iron pins with bronze caps set in stone mounds, properly marked. Lines 2-3 and 4-1 are shown as approved. Line 3-4 was found to be N. 38°47'10" W., 600 ft. instead of N. 38°45'30" W., 600 ft., as approved.</p>
	<p>Sur. No. 4428 Red Hill Extension #14 lode, Cors. Nos. 3 and 4 are iron pins with bronze and copper cap, respectively, set in a stone mound and firmly set, respectively, properly marked. Line 2-3 is shown as approved. Line 3-4 was found to be N. 38°47'10" W., 600 ft. instead of N. 38°45'30" W., 600 ft., as approved. Line 4-1 was found to be N. 51°12'50" E. instead of N. 51°14'30" E., dist. is accepted as approved.</p>
	<p>Sur. No. 4428 Red Hill Extension #15 lode, Cor. No. 1, is an iron pipe with brass cap and Cors. Nos. 3 and 4 are iron pins with copper caps, all set in stone mounds, properly marked. Line 2-3 was found to be S. 51°12'50" W. instead of S. 51°14'30" W., dist. is accepted as approved. Line 3-4 was found to be N. 38°47'10" W., 600 ft., instead of N. 38°45'30" W., 600 ft., as approved. Line 4-1 was found to be N. 51°12'50" E., 1500 ft., instead of N. 51°14'30" E., 1500 ft., as approved. Line 1-2 was found to be S. 38°47'10" E., instead of S. 38°45'30" E., dist. is accepted as approved.</p>
	<p>Sur. No. 4428 Copper John #16 lode, Cor. No. 4 is an iron pin with copper cap set in stone mound, properly marked. Line 3-4 was found to be N. 38°47'10" W., instead of N. 38°45'30" W., dist. is accepted as approved. Line 4-1 is shown as approved.</p>
	<p>Sur. No. 4428 Copper John #14 lode, Cors. Nos. 3 and 4 are copper and brass, respectively, set in stone mound and Cor. No. 1 is a bronze cap, firmly set, all properly marked. Lines 1-2 and 2-3 are shown as approved. Line 3-4 was found to be N. 38°47'10" W., 1500 ft., instead of N. 38°45'30" W., 1500 ft., as approved. Line 4-1 was found to be N. 51°12'50" E., 600 ft., instead of N. 51°14'30" E., 600 ft., as approved.</p>
	<p>Sur. No. 4428 Copper John #13 lode, Cor. No. 1 is an iron pin with copper cap set in stone mound and Cor. No. 4 is an iron pin with bronze cap, firmly set, all properly marked. Lines 1-2 and 3-4 are shown as approved. Line 4-1 was found to be N. 51°12'50" E., 600 ft., instead of N. 51°14'30" E., 600 ft., as approved.</p>
	<p>Sur. No. 4428 Copper John #1 lode, Cors. Nos. 1 and 2 are bronze capped rods and Cor. No. IV is an iron pin with copper cap, all set in stone mound, all properly marked. Lines 2-3 and 3-4 are shown as approved. Line 1-2 was found to be S. 38°47'10" E., 600 ft., instead of S. 38°45'30" E., 600 ft., as approved. Line 4-1 was</p>

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	<p>found to be N. 51°12'50" E., instead of N. 51° 14'30" E., dist. is accepted as approved.</p> <p>Sur. No. 4428 Copper John #3 lode, Cor. No. 1 is an iron pin with bronze cap, set in stone mound, properly marked. Lines 1-2 and 4-1 are accepted as approved.</p> <p>Sur. No. 4428 Copper John #2 lode, Cors. Nos. 3 and 4 are iron pins with bronze caps, set in stone mound, properly marked. Lines 2-3 and 4-1 are accepted as approved. Line 3-4 was found to be N. 59°57'20" E., instead of N. 59° 59' E., dist. is accepted as approved.</p> <p>Sur. No. 4428 Copper John Extension #38 lode, Cors. Nos. 2 and 3 are iron pins with bronze and brass caps, respectively, set in stone mounds, properly marked. Line 1-2 is accepted as approved. Line 2-3 was found to be N. 59° 57'20" E., instead of N. 59°59' E., dist. is accepted as approved. Line 3-4 was found to be S. 38°47'10" E., instead of S. 38°45'30" E., dist. is accepted as approved.</p> <p>Sur. No. 4616 Hope #6 lode, Cors. Nos. 1, 2, 3 and 4 are iron pipes with lead caps firmly set, properly marked. Line 1-2 was found to be N. 53°10' E., 1500.03 ft., instead of N. 53° 10'30" E., 1500 ft. as approved. Line 2-3 was found to be N. 36°47'40" W., 599.90 ft., instead of N. 36°50'30" W., 600 ft. as approved. Line 3-4 was found to be S. 53°09'40" W., instead of S. 53°10'30" W., dist. is accepted as approved. Line 4-1 was found to be S. 36°47' 40" E., 599.72 ft., instead of S. 36°50'30" E., 600 ft. as approved.</p> <p>Sur. No. 4616 Hope #5 lode, Cors. No. 1 and 2 are iron pipe with lead caps, firmly set and Cors. Nos. 3 & 4 are iron pipe with lead caps, set in stone mound, all properly marked. Line 1-2 identical to Line 1-2 Sur. No. 4616 Hope #5 lode, previously described. Line 2-3 was found to be S. 36°47'40" E., 591.28 ft., instead of S. 36°50'30" E., 591.10 ft., as approved. Line 3-4 was found to be S. 52°48' 40" W., 1500 ft., instead of S. 52°50'06" W., 1500.03 ft., as approved. Line 4-1 was found to be N. 36°47'40" W., 600.60 ft., instead of N. 36°50'30" W., 600 ft., as approved.</p> <p>Sur. No. 4616 Hope #4 lode, Cors. Nos. 2 and 3 are iron pipes with lead caps, firmly set and set in stone mound, respectively, properly marked. Line 3-4 is shown as approved. Line 2-3 is identical to Line 4-1 Sur. No. 4616 Hope #5 lode, previously described.</p> <p>Sur. No. 4616 Hope No. 3 lode, Cors. Nos. 2 and 3 are iron pipe with lead caps, firmly set, properly marked. Line 3-4 is shown as approved. Line 2-3 is identical to Line 4-1 Sur. No. 4616 Hope #6, previously described.</p>	

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FEET

FIELD ASSISTANTS

Name	Capacity
Hoyd Patty	Transitman
William Goren	Transitman
Clayton McKiddy	Chainman
Mark LeFevre	Chainman
Arnold Schmidt	Chainman
Warren McPherson	Chainman
Gary Wright	Chainman
Robert Lenon, Jr.	Axeman

OTHER IMPROVEMENTS

None.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert Lenon	Date May 22, 1970
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I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management at Phoenix, Arizona, dated December 27, ~~xxx~~ 1967, and Amended January 18, 1968, ~~dated~~ June 26, 1969 and July 16, 1969, I have carefully executed the survey of the claim of Duval Sierrita Corporation known as the ~~(lode, placer, or mill site)~~ (see below)* situated in Sections 5, 6, 7, 8, 17 and 18, Township 18 S., Range 12 E., Gila and Salt River Meridian, in the State of Arizona.

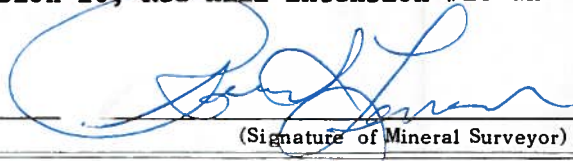
This survey, designated as number 4667, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the ~~(lode or placer)~~ lode 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.

- * Black Jack #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #28, #30 & #31, Copper John #21, Escondido 4, Hope #7, KAREN #1 & #2, P. B. No. 6, Pena Blanca #1, #2, #3, #4, #6, #7, #8, #9, #10 and #11, Red Bell No. 1, Red Hill Extension 16, Red Hill Extension #18 and September #3.

Patagonia, Arizona

(Location)



(Signature of Mineral Surveyor)

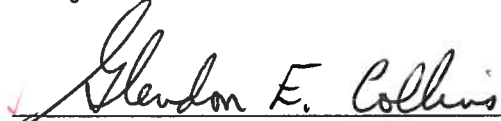
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office Arizona State Office
Location Phoenix, Arizona
Date November 17, 1970

The foregoing field notes of mineral survey number 4667, in Sections 5, 6, 7, 8, 17 and 18, Range 12 E., Gila and Salt River Meridian, in the State of Arizona, executed by Robert Lenon, Mineral Surveyor, under order dated (see below)*, 1969, 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.

*Order dated December 27, 1967, and Amended January 18, 1968, June 26, 1969 and July 16, 1969.



Glendon E. Collins

(Authorized Signature)

Acting State Director

(Title)

CERTIFICATE OF TRANSCRIPT

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

(Authorized Signature)

(Title)

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

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