4-688

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MINERAL	SURVEY	NO.	1,478
			- T# (- T - T - T - T - T - T - T - T - T -

	Arizona Land District.
	FIELD NOTES
	Of The Survey Of The Mining Claim Of
	BAGDAD COPPER CORPORATION
	Known As The
NACI	TE, LEPIDOLITE, TUNGSTONA, BERYLLIONITE # 1, SCHEELITE, FLUORITE, W
LINGS	, HUBNERITE #3 and BALLANCE ROCK lodesEureka Mining District
	Yavapai County, Arizona
	Yavapai County, Arizona
ction	24 , Township 15 N. , Range 9 W.
tion	rveyed under order dated February 10 , 19 59
ction	24 Township 15 N., Range 9 W. rveyed under order dated February 10 , 19 59 Order amended February 19 1959
ction	24 Township 15 N., Range 9 W. rveyed under order dated February 10 , 19 59 Order amended February 19 1959 by Olaf Hondrum
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ction	24 , Township 15 N. , Range 9 W. rveyed under order dated February 10 , 19 59 Order amended February 19 1959 by Olaf Hondrum Mineral Surveyor. Claim located (See reverse) , 19
ction	24 Township 15 N. Range 9 W. rveyed under order dated February 10 1959 Order amended February 19 1959 by Olaf Hondrum Mineral Surveyor. Claim located (See reverse) 19 Survey commenced February 20 1959 Survey completed March 20 1959
ction	24 Township 15 N., Range 9 W. Arveyed under order dated February 10 1959 Order amended February 19 1959 by Olaf Hondrum Mineral Surveyor. Claim located (See reverse) 19 Survey commenced February 20 1959 Survey completed March 20 1959 Address of claimant c/o Snell and Wilmer, Attorneys Security Building
ction	24 Township 15 N. Range 9 W. Arveyed under order dated February 10 1959 Order amended February 19 1959 by Olaf Hondrum Mineral Surveyor. Claim located (See reverse) 19 Survey commenced February 20 1959 Survey completed March 20 1959 Address of claimant c/o Snell and Wilmer, Attorneys
ction	24 , Township 15 N, Range 9 W, rveyed under order dated February 10 , 19 59 Order amended February 19 1959 by Olaf Hondrum Mineral Surveyor. Claim located (See reverse) , 19 Survey commenced February 20 , 19 59 Survey completed March 20 , 19 59 Address of claimant c/o Snell and Wilmer, Attorneys Security Building Phoenix, Arizona

Name of Claim	Location Date	Date of 1st Amendment	Date of 2nd Amendment
Phenacite	3-15-52	•	-
Lepidolite	3-15-52		_
Tungstona	1-29-51	12-15-58	1-29-59
Beryllionite #1	8-24-49	12-15-58	1-29-59
Scheelite	7-24-52	-	
Fluorite	7-21:-52		-
Warm Springs	1-12-53	n	-
Hubnerite #3	8-24-49	12-15-58	1-29-59
Ballance Rock	1-29-51	12-15-58	1-29-59

and the contract of the contra

KIN 36 NO.

200

ins. in

This survey was made with a K. & E. transit No. 129403, with horizontal limb 6.2 ins. diam., having two double opposite verniers, and full vertical circle, having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored glass 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. ferifolist 1-1 and no 3, on the 1-2, Levidolist 1

All azimuths in this record were determined by the method of deflection angles referred to the meridian established by direct observation on the sun January 30, 1959, t Com. No. 1 of the Phenacite lode, latitude 34° 37' 10" N., longitude 113° 09' 10" W., turning from a reference point in an easterly direction clockwise to the sun in the SE direction.

True bearing of the reference point: S. 89° 59' E.

All lines and connections of this survey were measured with a Lufkin steel tape 300 ft. in length, graduated every foot, with the first and last foot graduated to tenths and hundredths; the tape was compared with a standard of the Arizona Highway Department and found correct.

Line 2-3 of the Phenacite lode was run by direct method. Due to the rugged nature of the ground, all other lines and connections were run by traverse methods, as shown by the calculation sheets herewith submitted.

The magnetic declination observed at each corner of the survey gave a uniform value of 15° E. he ground, in concrete, wi

A granite boul 8711 Survey No. 14178 Lod of many A

JOHN SOLPHENACITE LODE

At Cor. No. 1 of the Phenacite lode, identical with the $\frac{1}{4}$ cor. of Secs. 24 and 25, T. 15 N., R. 9 W., G&SR Mer., a $1\frac{1}{2}$ -in. iron post, 15 ins. above ground, firmly set, marked and witnessed as described in the official record, I-add marks PH-1-4478; from which

A granite ledge, 6 x 15 ft., 8 ft. high, bears N. 3° 12' E., 26.7 ft. dist., mkd. XBO-PH-1-4478.

. Thence North of has , I .W . 700 0.000

Road, bears E. and W. 605.0

1000.0 Road, bears NW and SE.

Cor. No. 2, identical with Cor. No. 1 of the Lepidolite lode of 1495.0 this survey. sec. cor. of Secs. 24 and 25 bear

Set a galvanized iron post, 30 ins. long, $1\frac{1}{2}$ ins. diam., 15 ins. in the ground, in concrete, with cap mkd. PH-2-L-1-4478; from which

decinning at Bor. No. I of the Ler

A granite ledge 7 ft. wide, 5 ft. high, bears N. 51° 20' W., 55.7 ft. dist., mkd. XBO-PH-2-L478. 300.0 Fower line, bears

Thence West bas in costs with the office with the costs of the costs o

Road, bears NW and SE. o bol edicated add to 8 .44 . rob 0.000 213.0

Survey	NT.	1.1.70
DURVEY	INO.	1111/0

	8744 . М Survey No. 4478 2
Schoolses	rison
300.0	Lode line discovery point bears South, 381 1 ft dist
5550	rower line, bears No and So off of the of or or
584.9	class for making direct observations on the sun. The instrument was in good condition a SI bns WW graed enils oni-8
	Cor. No. 3, on line 1-2, Lepidolite lode of this survey.
Joerii adi	Set a galvanized iron post 30 ins. long, 12 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. PH-3-1478; from which
ockwise	A granite ledge, 4 x 15 ft., 2 ft. high, bears S. 26 41 W., 30.4 ft. dist., mkd. XBQ-PH-3-4478 at the sum of
	True, bearing divog some Thence South prime bearing
325.0	Ridge, bears E, and Well to envisoennos bus senil LLA
650.0	Life in seel tage 300 ft. in length, graduated every folder. Ridge lost reducted to term bank. E. and lest foot graduated to term bank.
and but	Wash, 20 ft. wide, course W
91320 ₉ 0	Wash, 10 ft. wide, course NW to said to 6-2 and
meetions	to the rugged nature of the round, all other lines and co
	Cor. No. 4.
	Set a galvanized iron post, 30 ins. long, $1\frac{1}{2}$ ins. diam., 15 ins. in the ground, in concrete, with cap mkd. PH-4-4478; from which
	A granite boulder, 4 x 8 ft., 4 ft. high, bears N. 49° 32' E., 42, ft. dist., mkd. XBO-PH-4-4478.
	Thence East
84.00	8-in, water line, bears NE and SW. Hard to face the
Jaon no	Power line, bears NE and SW. Will The Lower sould see the Power sould see the second see the second see the second see the second secon
300.0	Hotel mon : "Ill-F-Hotel bears North, 1113.9 ft. dist.
310.0	Wash, 8 ft. wide, course NW 1-04x, bin, talk, th. 3. 3.
. 0000	Cor. No. 1, and place of beginning.
	LEPIDOLITE LOED STATE LOED
lo sp	Beginning at Cor. No. 1 of the Lepidolite lode, identical with Cor. No. 2 of the Phenacite lode of this survey; from which
	The $\frac{1}{4}$ sec. cor. of Secs. 24 and 25 bears South, 1495.0 ft. dist.
5 ins. in	Set a calvenized iron post, 30 ins. long, lg ins. diam., I the round, in contrewspaned cap mid. P-2-1-1178; from
	Road, bears NW and SE. J. C. wide. J. T. C. well of increase
	Power line, bears N. and S.
584.0	8-in. water line, bears NW and SE.
	Cor. No. 3 of the Phenacite lode of this survey.

+1		Olbi Olbino derio	
	Otherinesc	TUVGSTONA LODE	sesionili de
9:	11.924.0	Beginning at Cor. No. 1, identical with Collidate tears	
	1250.0	Ridge, bears NW and SE.	
	1500.0	The rec. cor. of Secs. 24 and 25 bears South, 2095 f	
		Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. L-2-4478; from whi	5 ins. in ch. 881
		A granite ledge bears S. 53° 13' F. L. ft. dist., m	kd. XBO-
	edf 1	Cor. No. 2, at base of cliff, identical with Cor. No. 1 c Beryllionite #1 ftre/opened survey.	0.000
	300.0	idw morî :8744-1-2-2-4 T. A. T. C. tood besideview a tod Lode line; discovery point bears East, 1182 ft. dist.	
	335.0	A granite ledge, 15 ft. wide, 15 ft. high, bears W. 72 3.2 ft. dist., mkd. T-2-6H erwoo, ebiw. 10 ft. wise.	
j.	396.0	Base of cliff, bears Engand W.	
	515.0	Edge of cliff, bears E. and W. DIE . I STOO . SHILL TO WE'	250.0
	600.0	Cor. No. 3, identical with Cor. No. 4 of the Tungstone lo	de efthis
		survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. 1-3-1-4478; from	5 ins. in which
		A granite boulder, 6 x 15 ft., 3 ft. high, bears N. 6° 16.7 ft. dist., mkd. XBO-L-3-4478.	
		Thence East	1500.0
	ni .ani 3 269.05	Set a relvanized from post, 30 fes, long, 2 ins. diam., 1 the ground, in concrete, with cap-32 bins W. grapd .egbin in	
	. 984.0	A granite woulder, 2.8 bnst, W arsed Lenif retay ni-860	
	991.0	Road, bears NE and SW. Thence South	
	1095.0	Road, bears NW and SE.	
	1235.0	Lode line; discovery point bears East, 300 ft. dist. Power line, bears N. and S.	
	1500.0	Cor. No. 4, identical with Cor. No. 1 of the Tungstona lo	de of this
		Ridge, bears E. and W.	474.0
	lo ebc	r Set a galvanized post, 30 ins. long, 2 ins. diam, 15 ins ground, in concrete, with cap mkd. L-4-T-1-4478; from whi	ch che
		A granite boulder, 60x 8 ft., 3 ft. high, bears S. 13° 60.9 ft. dist., mkd. XBO-L-4-4478.	21' W.,
		Thence South	269.0
	180.0	8-in. water line, bears N. and S	0.1196
	300.0	Lode line; discovery point bears West, 318 ft. dist.	991.0
	600.0	Cor. No. 1, and place of beginning.	0.3601

Chains	MITIGOTONA TODS	Temperature to
scheine aniedoc	TUNGSTONA LODE	a don -
	Beginning at Cor. No. 1, identical with Cor. No. 4 of the lode of this survey; from which	
	The $\frac{1}{4}$ sec. cor. of Secs. 24 and 25 bears South, 2095 f	
5 ins. in	Set a galvaried iron post, 30 ins. long, 5 ins. diam., the cround, in concrete, www bass E. Base of cliff, bears E. and W. W. diam.	
- 300.0	Lode line; discovery point bears West, 1200 ft. dist.	
600.0	Cor. No. 2, at base of cliff, identical with Cor. No. 1 of Beryllionite #1 lode of this survey.	f the
	Set a galvanized post, 30 ins. long, 2 ins. diam., 15 ins ground, in concrete, with cap mkd. T-2-B-1-4478; from whi	ch
	A granite ledge, 15 ft. wide, 15 ft. high, bears N. 72 3.2 ft. dist., mkd. T-2-4478.	· W.
	Page of cliff, betrad Wested (life to seal	396.0
250.0	Power line, bears N. and S. bus . I steed , lillo lo sebil	115.0
110320.0b	Road, bears N. 22° E. and S. 22° W. soldnobi	0.006
335.0	8-in. water line, bears NE and SW.	
600.0	Cor. No. 4-of the Beryllionite #1 lode of this survey.	
980.0	A granite boulder, o x 15 ft., 3 ft. h. first or rest.	
980.0	87.4-8-1-000 .out .tato .tr 7.89 Cor. No. 3.	
	16.7 ft. dist., mka. XBO-L-3-M78.	5 ins. in
	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T=3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S= 60 19.4 ft. dist., mkd. XBO-T-3-4478.	ch. 65
	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears 5. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South	ch. 605
	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears 5. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist.	ch. % S ° (071) E., 0.100
300.00 342.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears 5. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E.	ch. % % % % % % % % % % % % % % % % % % %
300.00 342.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears \$5.60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist.	ch. % S ° (071) E., 0.100
300.00 342.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1	ch. %35. 0.100 0.25.1 0.25.1
300.00 342.0 474.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. %35. 0.100 0.25.1 0.25.1
300.00 342.0 474.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. %35. 0.100 0.25.1 0.25.1
300.00 342.0 474.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears 5. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. %35. %100.
300.00 342.0 474.0 600.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	en. 985. 9.199 0.2851 0.0021 ode of
300.00 342.0 474.0 600.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. %35. %100.
300.00 342.0 474.0 600.0 269.0 984.0 991.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. 905 0.790E., 0.1995. 0.252. 0.0031 ode of
300.00 342.0 474.0 600.0 269.0 984.0 991.0	Cor. No. 3. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. T-3-4478; from whi A granite boulder, 2 x 2 ft., 2 ft. high, bears S. 60 19.4 ft. dist., mkd. XBO-T-3-4478. Thence South Lode line; discovery point bears East, 300 ft. dist. Wash, 10 ft. wide, course E. Ridge, bears E. and W. Cor. No. 4, identical with Cor. No. 3 of the Lepidolite 1 this survey	ch. %35. ch.

201010	er.		MINIMOX
1235.	0	Power line; bears N. and S. W. bas EM sased , novaso to min	720.0
1500.	.0	Cor. No. 1, and place of beginning. What . Torsed to be in the	1235.0
	V9V	Cor. Mr. 1, on line 2-3 of the "ungstone lode of this sur	6.7811
	ď.	Beginning at Cor. No. 1, identical with Cors No. 2 of the lode of this survey; from which	l ungstona
ę • W	Li	The \(\frac{1}{4}\) sec. cor. of Secs. 24 and 25 bears South, 2695 ft	dist.
		###Thence North	or Country and Allegan
150.	0	Edge of cliff, bears NW and SE. IN street onth water in -8	265.0
890.	0	Rim of canyon, bears E. and W. bas . E °SS . H exced , bear	0.088
1015.	0	Lode line; discovery point bears Nor W bns . I sraeds book	300.0
1110.	0	Center of Boulder Creek, 25 ft. wide, course We and town	350.0
1395.	0	Rim of canyon, bears E. and Wood to easig bis, 1 .07 .00	0.00à
1497.	0	Cor. No. 2, on line 4-1 of the Scheelite lode of this surve	y•
Lode	.£\	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. B-2-4478; from which	ins. in
ni .a	ni;	A granite ledge, 25 x 50 ft., 15 ft. high, bears S. 98° 21,29.1 ft. dist., mkd. XBO-B-2-1478. ori bening the ground, in concrete, with con many in the ground. Thence West	22¹ E.,
"SLT(O'I	40 J	Cor. oNo. lof the Hubnerite #3 lode, identical with Cor. No the Ballance Rock lode, both of this survey.	. l of
300.0	Car	Lode line; discovery point bears South, 420 ft. dist. Yeven a indicate the street of the scheelite lode of this survey.	
385.0 570.0	S. I	Power line, bears NW and SE. random and to 1 .0W .700 zent and to door and sent water line, bears NW and SE.	
600.0) i } !	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. B-3-4478; from which	ins. in
Mac 1-2	2.16	Asgranite ledge, 6 x 20 ft., 9 ft. high, bears S. 16° 30 46.9 ft. dist., mkd. XBO-B-3-4478.	
			255.0
105.0			0.008
230.0			0.50
415.0 473.8	it.		600.0

1 1 3				
11.78	No.	Survey	No.	11178
The February		Darto	1100	4410

XCHMIN	XXXXXXX
720.0	Rim of canyon, bears NE and Sw. 2 bas .W zreed : onil rawe 0.7881
1235.0	Ridge, bears E. and W minning of beginning. W. M. 100 0.0021
1497.0	Cor. No. 4, on line 2-3 of the Tungstona lode of this survey.
Tungstona	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. B-4-4478; from which
dist.	A granite ledge, 3 x 10 ft., 5 ft. high, bears S. 16° 41' W.,
	dirovThence East
265.0	8-in. water line, bears NE and bo SW. M exced little to only 0.021
280.0	Road, bears N. 22° E. and S. 22° W. arned norms to min 0.098
300.0	Lode line; discovery point bears North, 1077 ft. dist. 0.2101
350.0	Power line, bears N. andw S. 1 35 (1997) Tobles to reine O.
600.0	Light of control bears E. grinning of pale of this surv
10 L .c	Set a galvanized iron post, -30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. S-1-4478; from which The \(\frac{1}{4} \) sec. cor. of Secs. 13 and 24, T. 15 N., R. 9 W., G&SR Mer. bears N. 18° 02° E. bl162.6 ft. dist; sail\(\frac{1}{2} \) in. iron post, 15 ins. above ground, firmly set; marked and witnessed as described in the official record. Cor. No. 2 of the Beryllionite #1 lode of this survey bears East, 360.0 ft. dist. if to be failed a life of the Sallance Rock lode, both of this survey, bears East 189.6 ft. dist.
76.35	A granite ledge, 5 x 12 ft., 5 ft. high, bears S. 63° 56' W., 20.5 ft. dist., mkd. XBO-S-1-4478. Intersect line 1-2 of the Hubnerite #3 lode, identical with line 1-2 of the Ballance Rock.lode, both of this survey.
255.0	Ridge, bears E. and W.
300.0	Lode line; discovery point bears East, 1456 ft. dist.
600.0	Road, bears NW and SE. Cor. No. 2 Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. S-2-hi78; from which 15.87

x@hains	to the production of the produ	
r., beard	A granite ledge, 7 x 20 ft., 3 ft. high, bears N. 81° 1 42.8 ft. dist., mkd. XBO-S-2-4478.	27' W.,
at bedi:	above ground, firmly set, marked and withessed As dever	
302.57	Intersect line 3-4 of the Hubnerite #3 lode of this survey	y•
1362.0	Ridge, bears N. and S It was WW samed confl reday .ni-d	215.0
1500.0	Cor. No. 3, identical with Cor. No. 1 of the Fluorite lode No. 1 of the Warm Springs lode, both of this survey.	
	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. S-3-F-1-WS-1-4478;	ins. in
e of this	A granite boulder, 3 x 5 ft., 4 ft. high, bears N. 60° 5.8 ft. dist., mkd. XBO-S-3-4478.	55!. E.,
	feaT somed Thence South	
215.0	4-in. water line, bears NW and . SE. I , word a many?	560.0
262.0	Road, bears NW and SE	850.0
300.0	Lode line; discovery point bears West, 44 ft. dist.	o.o.i.i.
340.0	Road, bears NW and SE.	3,500.0
600.0	Cor. No. 4, identical with Cor. No. 2 of the Fluorite lode survey.	e of this
6 M. 100	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 1 the ground, in concrete, with cap mkd. S-1-F-2-1478; from	ins. in which
264.0	A granite boulder, 5 x 8 ft., 6 ft. high, bears N. 32° lu.5 ft. dist., mkd. XBO-S-4-1478. A	0.775 0.008 0.008
1105.0 1110.0	Road, bears NE and Sw. and OE, taog north bears Ne and Sw. and OE, taog north bears Ne and Sw. Ridge, bears Ne and Se. Cor. No. 2 of the Beryllionite #1 lode of this survey.	
1310.40	Cor. No. 1 of the Hubnerite #3 lode, identical with Cor. N	lo. l of
7,500 0	the Ballance Rock lode, both of this survey.	598.0
1500.0	Cor. No. 1, and place of beginning.	936.0
	FLUORITE LODES . STEPS , DECK	0.28or
	Beginning at Cor. No. 1, identical with Cor. No. 3 of the lode and Cor. No. 1 of the Warm Springs lode, both of thi from which	s survey:
little " in this maps on the emphysical brooks well to	Cor. No. 1, and place of begin ing.	1500.0

soviation 2	The cor. of Secs. 13 and 24, T. 15 N., R. 9 W., G&SR Mer. N. 71° 34' E., 1581.1 ft. dist; a 1½-in. iron post, 15 above ground, firmly set, marked and witnessed as describe official record.	ins.
	intersect line 3 atrong Penerite #3 lode of this surve	302.57
215.0	4-in. water line, bears NW and SE. 2 bas . Warsad , arbig	1362.0
300.00	Lode line: discovery point bears East, 117 ft. dist.	1500.0
ni . ani d	Set a glvanired iron post, 30 ins. long, & ins. diam. I the ground, in concrete, with cap age bims WW- area concrete,	
600.0	Cor. No. 2, identical with Cor. No. 4 of the Scheelite lod survey.	e of this
	njuog somidThence East	
560.0	Warm Springs Creek, 15 ft. wide, course SW. I was well	225.0
850.0	Rim of canyon, bears NE and SW To bus We sused , Daoff	262.0
1440.0	Crest of hill i de tree dears dear, the filling trees	300.0
1500.0	Cor. No. 3.	340.0
		The same of
sint los	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-3-4478; from which	ins. in
ins in	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-3-4478; from which a granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67° or 6.8 ft. dist., mkd. XBO-F-3-4478.	h
in in which	the ground, in concrete, with cap mkd. F-3-4478; from which A granite boulder. 2 x 5 ft. 3 ft. high, bears N. 67°	h 00¹ W.,
ins. in which	the ground, in concrete, with cap mkd. F-3-4478; from which will a second to the secon	h 00° W., 8 W.
ins. in which love.	the ground, in concrete, with cap mkd. F-3-4478; from which will a second to the granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67° or 6.8 ft. dist., mkd. XBO-F-3-4478.	8 W.
ins. in which 101 E., 0.772	the ground, in concrete, with cap mkd. F-3-4478; from which will also be a series of the dist. It is a series of the warm springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-4-WS-4-4478; from	8 W. lode of ins. in
ins. in which 101 E., 0.772	the ground, in concrete, with cap mkd. F-3-4478; from which will a second to the dist. It is a second to the warm springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15	8 W. lode of which which
ins. in which 201 E., 0.779 0.006 0.006	the ground, in concrete, with cap mkd. F-3-4478; from which was a granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67 or 6.8 ft. dist., mkd. XBO-F-3-4478. Thence Northwood additional Accordance of secs. 31, T. 15 N., R. 8 W., and 19, T. 14 N., R. Lode line; discovery point bears West 1383 ft. dist. Cor. No. 4, identical with Cor. No. 4 of the Warm Springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-4-WS-4-4478; from A granite ledge, 5 x 12 ft., 8 ft. high, bears N. 20° 3. 7.9 ft. dist., mkd. XBO-F-4-4478.	8 W. lode of which which
o.000 0.000 0.000	the ground, in concrete, with cap mkd. F-3-4478; from which was a granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67 or 6.8 ft. dist., mkd. XBO-F-3-4478. Cor. of secs. 31, T. 15 N., R. 8 W., and 19, T. 14\frac{1}{2} N., R. Lode line; discovery point bears West 1383 ft. dist. Cor. No. 4, identical with Cor. No. 4 of the Warm Springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-4-WS-4-4478; from A granite ledge, 5 x 12 ft., 8 ft. high, bears N. 20° 3.7.9 ft. dist., mkd. [XBO-F-4-4478.]	8 W. 8 W. lode of which
0.000 0.000 0.000 0.000 0.000 0.0000 0.0000	the ground, in concrete, with cap mkd. F-3-1478; from which the ground in concrete, with cap mkd. F-3-1478; from which the ground is the dist. mkd. XBO-F-3-1478. Thence Northwest and the concrete with concrete with cap mkd. The Warm Springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-4-WS-4-1478; from A granite ledge, 5 x 12 ft., 8 ft. high, bears N. 20° 3. 7.9 ft. dist., mkd. XBO-F-4-1478.	8 W. 8 W. lode of which
277.0 300.0 600.0	the ground, in concrete, with cap mkd. F-3-4478; from which was a granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67° or 6.8 ft. dist., mkd. XBO-F-3-4478. Thence Northwood additional Action of Secs. 31, T. 15 N., R. 8 W., and 19, T. 14 N., R. Lode line; discovery point bears West 1383 ft. dist. Cor. No. 4, identical with Cor. No. 4 of the Warm Springs this survey. Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. F-4-WS-4-4478; from A granite ledge, 5 x 12 ft., 8 ft. high, bears N. 20° 3 7.9 ft. dist., mkd. XBO-F-4-4478.	8 W. 8 W. lode of which
277.0 300.0 600.0 598.0 936.0	the ground, in concrete, with cap mkd. F-3-4478; from which a granite boulder, 2 x 5 ft., 3 ft. high, bears N. 67° or 6.8 ft. dist., mkd. XBO-F-3-4478. Thence Northweet and the concrete with the concrete with the concrete with the concrete with concrete with cap mkd. F-4-WS-4-4478; from which concrete with cap mkd. F-4-WS-4-4478; from a granite ledge, 5 x 12 ft., 8 ft. high, bears N. 20° 3 .7.9 ft. dist., mkd. IXBO-F-4-4478.	8 W. 8 W. lode of which

@Kalkak	
	warm springs Lode S
6.4 1	Beginning at Cor. No. 1, identical with Cor. No. 1 of the Fluorite lode and Cor. No. 3 of the Scheelite lode, both of this survey.
	Thence North
202.0	Lode line; discovery point bears East 980.4 ft. dist.
501.55	Cor. No. 2WE and IN suggest O. 121.
	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. WS-2-1478; from which
lode of	A granite boulder, 2 x li ft., 18 ins. high, bears S. 85° 20' W., 5.9 ft. dist., mkd. XBO-WS-2-4478.
143.0	Ridge, bears N. and S. Thence S. 89° 56' E. Ridge, bears N. and S.
690.0	Wash, 10 ft. wide, bears NW and SE.
1500.0	Cor. No. 3, identical with Cor. of Secs. 13 and 24, T. 15 N., R. 9 previously described, I-add marks WS-3-4478; from which
. jei	A granite ledge, 30 x 40 ft., 25 ft. high, bears S. 62° 53° W., 13.5 ft. dist., mkd. XBO-WS-3-4478.
	Thence South
297.8	Lode line; discovery point bears Wes, 519.6 ft. dist.
325.0	Warm Springs Creek, 15 ft. wide, course SW.
499.80	Cor. No. 4, identical with Cor. No. 4 of the Fluorite lode of this survey.
	Thence S. 68° 381 Thence
598.0	Warm springs creek, 15 ft. wide, course S. 45° W.
936.0	Power line, bears NE and SW.
1085.0	Road, bears N. and S.
1165.0	4-in. water line, bears N. and S.
1360.0	Ridge, bears N. and S.
1500.0	Cor. No. 1, and place of beginning.
d:	HUBNERITE #3 LODE
6.M 100	Beginning at Cor. No. 1, identical with Cor. No. 1 of the Ballance Rock lode, on line 2-3 of the Beryllionite #1 lode, both of this survey.
	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete, with cap mkd. H-1-BR-1-4478; from which
. đại	The \(\frac{1}{4}\) sec. cor. of Secs. 13 and 24 bears N. 8° 46' E., 1118.5 ft.

Shrive	COLOR SCOTTORS WELL	
Fluorite	Cor. No. 2 of the Beryllionite #1 lode of this survey be East, 170.40 ft. dist.	ars
	A granite boulder, 5 x 7 ft., 5 ft. high, bears S. 41 28.6 ft. dist., mkd. XBO-H-1-4478.	עיבו ש.,
	Thence N. 68° O4' W.	0.909
164.0	Ridge, bears NE and SW.	
204.40	Intersect line 1-2 of the Scheelite lode of this survey.	7/1/2
650.0	8-in. water line, bears NW and SE.	
1500.0	Cor. No. 2, identical with Cor. No. 2 of the Ballance Rock this survey.	lode of
	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. H-2-BR-2-4478; from	ins. ir which
	A granite ledge, 6 ft. wide, 5 ft. high, bears S. 64° 20 7.1 ft. dist., mkd. XBO-H-2-4478.	D' E.
N. R. 9	Cor. No. 3, idation of Sold Thence N. 21-186 deach of the sold of	0.0021
300.0	Lode line; discovery point bears S. 68° 04° E., 300 ft. d	ist.
328.0	Base of cliff, bears E. and W	
585.0	Cor. No. 3. diruce soned?	
	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. H-3-4478; from which	ins. in
of this	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 the ground, in concrete, with cap mkd. H-3-4478; from which A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9 ft. dist., mkd. XBO-H-3-4478.	0.886
of this	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13°	0.886
	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9° ft. dist., mkd. XBO-H-3-4478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38° E.	0.886
290•0	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 21.9° ft. dist., mkd. XBO-H-3-1478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38° E. Ridge, bears NE and SW.	0.896.
	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 21.9° ft. dist., mkd. XBO-H-3-1478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38° E. Ridge, bears NE and SW. Road, bears N. and S.	0.898 0.888
290•0	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9 ft. dist., mkd. XBO-H-3-4478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38° E. Ridge, bears NE and SW.	0.898. 22 E. 0.898. 0.898.
290.0 540.0	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9° ft. dist., mkd. XBO-H-3-4478. A location monument bears N. 21° 56° E., 15.0° ft. dist. Thence S. 68° 38° E. Ridge, bears NE and Sw. Road, bears N. and S. Base of cliff bears NE and Sw.	0.898. 0.898. 0.369. 0.280.
290.0 540.0 850.0	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9 ft. dist., mkd. XBO-H-3-4478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38° E. Ridge, bears NE and SW. Road, bears N. and S. Base of cliff, bears NE and SW. Intersect line 2-3 of the Scheelite lode of this survey. Cor. No. 4.	0.256.0 22.0 0.368.0 0.266.0 0.266.0
290.0 540.0 850.0 1380.70	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 21.9° ft. dist., mkd. XBO-H-3-1478. A location monument bears N. 21° 56° E., 15.0° ft. dist. Thence S. 68° 38° E. Ridge, bears NE and SW. Road, bears N. and S. Base of cliff, bears NE and SW. Intersect line 2-3 of the Scheelite lode of this survey.	0.882 0.882 0.882 0.280 0.280 0.002 ins. in
290.0 540.0 850.0 1380.70 1500.0	A granite boulder, 6 x 10 ft., 5 ft. high, bears S. 13° 24.9 ft. dist., mkd. XBO-H-3-4478. A location monument bears N. 21° 56° E., 15.0 ft. dist. Thence S. 68° 38' E. Ridge, bears NE and SW. Road, bears N. and S. Base of cliff, bears NE and SW. Intersect line 2-3 of the Scheelite lode of this survey. Cor. No. 4. Set a galvanized iron post, 3 ft. long, 1½ ins. diam., 20 the ground, in concrete, with cap mkd. H-4-4478; from which a granite boulder. 5 x 10 ft., 7 ft. high, bears S. 73°	0.888 0.888 0.888 0.888 0.888 0.888 0.888 ins. in
290.0 540.0 850.0 1380.70 1500.0	Thence S. 68° 38' E. Ridge, bears NE and Sw. Road, bears NE and Sw. Intersect line 2-3 of the Scheelite lode of this survey. Cor. No. 4. Set a galvanized iron post, 3 ft. long, 1½ ins. diam., 20 the ground, in concrete, with cap mkd. H-4-1478; from which a granite boulder, 5 x 10 ft., 7 ft. high, bears S. 73° mkd. XBO-H-4-1478. Thence S. 21° 56' W.	0.888 0.888 0.888 0.888 0.888 0.888 0.888 ins. in
290.0 540.0 850.0 1380.70 1500.0	Thence S. 68° 38' E. Ridge, bears NE and Sw. Road, bears NE and Sw. Intersect line 2-3 of the Scheelite lode of this survey. Cor. No. 4. Set a galvanized iron post, 3 ft. long, 1½ ins. diam., 20 the ground, in concrete, with cap mkd. H-4-1478; from which a granite boulder, 5 x 10 ft., 7 ft. high, bears S. 73° mkd. XBO-H-4-1478. Thence S. 21° 56' W.	0.898 0.898 0.898 0.898 0.880 0.880 0.880 0.880 0.880
290.0 540.0 850.0 1380.70 1500.0	Ridge, bears NE and Sw. Road, bears N. and S. Base of cliff, bears NE and Sw. Intersect line 2-3 of the Scheelite lode of this survey. Cor. No. h. Set a galvanized iron post, 3 ft. long, 1½ ins. diam., 20 the ground, in concrete, with cap mkd. H-h-hh78; from which are sold of the scheel to be sold are sold of the scheel to be sold are sold of the ground, in concrete, with cap mkd. H-h-hh78; from which are sold are sol	0.888 0.888 0.888 0.888 0.888 0.888 0.888 ins. in

et.

20.661 20.661 17.2b1	Beginning at Cor. No. 1, identical with Cor. No. 1 of the Hubnerite #3 lode of this survey. Hubnerite Hubneri
E0.103	Total arew, tubired is somethic of the conflict with Scheelite lode of
164.0	Ridge, bears NE and SW.
204.4	Intersect line 1-2 of the Schoelite lode of this survey.
650.0	8-in. water line, bears NW and SE.
1500.0	Cor. No. 2, identical with Cor. No. 2 of the Hubnerite #3 lode of
to all	this survey odd . The Shi the Shi the Sec. 21, T. 15 W. R. 9 W. CH.SR Mer. Arisons.
	Thence S. 21° 56' W.
170.0	The survey of the Phenacite, Leuidolite, functions, Berylliom te d., Scheelite, .3M esquoz, estw., 12,8 , dasw.
300.0	Lode line; discovery point bears S. 68° Oh! E. nlh00 ft. dist.
374.00	within the amended location as marked on the round: Cors
600.0	3 differs to the extent previously shown. The survey of Springs lode is wholly within the location as Eachdargot
! no atano f	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in
end 4,	the ground, in concrete, with cap mkd. BR-3-44.78; from which
	A granite boulder, 2 x 3 ft., 3 ft. high, bears S. 31° Oh' E., 19.0 ft. dist., mkd. XBO-BR-3-hh78.
1180.0	Thence; Son 68° ; 104 E. Thence; Son 68° ; 104 E. Ton in one of the control of th
1278,45	Intersect line 3-4 of the Beryllionite #1 lode of this survey.
1500.0	the discovery point, is on the lode line 381.1 lt. from to of line 2-3, 5 x & ft., 10 ft. deep, pears S. +0.004roD
B. Phonac.	Set a galvanized iron post, 30 ins. long, 2 ins. diam., 15 ins. in the ground, in concrete with cap mkd. BR-4-4478; from which
	A granite ledge bears S. 15° 16' W., il. 0 ft. dist., mkd. XBO-BR-4-4478.
" which	No. 1 The discovery cut of the Lepidolite lode, the north end o being the diseaviot plans 318 ft. fr
215.0	Boulder Creek, 25 ft. wide, course W. 03.034 .au.sv
300.0	Lode line; discovery point bears N. 68 04' W. 100 ft. dist.
470.0	Rim of canyon, bears E. and W. Office of canyon, bears E. and W.
600.0	Cor. No. 1, and place of beginning. 10 but . M add . M add . M
83° E.,	center of light 2-3, Lenicolite lade, 5 x 12 ft., beams M.
	00 ft.; thence W. 65° E., 40 ft.

Total area, Phenacite lode Total area, Lepidolite lode Total area, Beryllionite #1 lode Area in conflict with Ballance Rock lode of this survey Total area, Fluorite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode O.166	
Total area, Lepidolite lode 20.661 Total area, Tungstona lode 20.661 Total area, Beryllionite #1 lode 20.620 Area in conflict with Ballance Rock lode of this survey 3.862 Total area, Scheelite lode 20.661 Total area, Fluorite lode 20.661 Total area, Warm Springs lode 20.661 Total area, Hubnerite #3 lode 20.403 Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode 20.661 Area in conflict with Scheelite lode of this survey 0.166	
Total area, Tungstona lode Total area, Beryllionite #1 lode Area in conflict with Ballance Rock lode of this survey Total area, Scheelite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey O.166	
Total area, Beryllionite #1 lode Area in conflict with Ballance Rock lode of this survey Total area, Scheelite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area in conflict with Scheelite lode of Total area Ballance Rock lode Note that the survey Total area Ballance Rock lode O.166	
Area in conflict with Ballance Rock lode of this survey Total area, Scheelite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
this survey Total area, Scheelite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
Total area, Scheelite lode Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey O.166	
Total area, Fluorite lode Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey Area in conflict with Scheelite lode of this survey 0.166	
Total area, Warm Springs lode Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
Total area, Hubnerite #3 lode Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
Area in conflict with Scheelite lode of this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
this survey Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
Total area Ballance Rock lode Area in conflict with Scheelite lode of this survey 0.166	
this survey Area in conflict with Scheelite lode of 0.166	
this survey 0.166	
650.0 8-in water line, bears NW and E	
LOCATION	
500.0 Per. No. 2, identical with Cor. No. 2 of the Subnerite #3 lode of	
This survey is located in the SW_4^1 , the NW_4^1 and the NE_4^1 of	
Sec. 24, T. 15 N., R. 9 W., G&SR Mer., Arizona.	
The survey of the Phenacite, Lepidolite, Tungstona, Beryllionite #1, Scheelite, Fluorite and Ballance Rock lodes is identical with the respective locations or amended locations as marked on the ground. The survey of the Hubnerite #3 lode is wh within the amended location as marked on the ground; Cors. Nos. 2, and 4 are identical with the corners of the location. Cor. No 3 differs to the extent previously shown. The survey of the War Springs lode is wholly within the location as marked on the grou	1, o. m
Cors. Nos. 2 and 3 are identical with the corners of the location of the location of the location of the location of the Cors. Nos. 1 and 4, respectively, of the Fluorite lode in order to avoid overlap of claims. EXPENDITURES TO LOCATION OF THE LOCATION	n;
The improvements and the value of the labor and improvement made upon or for the benefit of each of the lode locations embra in said mining claim by the claimant or its grantors are as followed.	ced
No. 1. The discovery shaft of the Phenacite lode, the center of which be the discovery point, is on the lode line 381.1 ft. from the cent of line 2-3, 5 x 8 ft., 10 ft. deep, bears S. 70 E. Value, \$400.00	er
No. 2 A cut bears S13° E., 403 ft. from the center of line 2-3, Phen	0011
lode 5 x 10 ft. 70 ft. long bears 5 66° F	acit
lode, 5 x 10 ft., 70 ft. long, bears S. 65° E.	
38 Ad-A-78-000	
No. 1 The discovery cut of the Lepidolite lode, the north end of which	
being the discovery point, is on the lode line 318 ft. from the	
Value, \$50.00 . We study of the deep.	
No. 2 A cut bears N. 86° 30 E., 380 ft. from the center of line 2-3,	
Lepidolite lode, 5 x 5 ft., 3 ft. deep. Value, \$50.00	
No. 3 A cut, the W. end of which is on the lode line 360 ft. from the center of line 2-3, Lepidolite lode, 5 x 12 ft., bears N. 83° E. 60 ft.; thence N. 65° E., 40 ft. Value, \$200.00	

	1	-	The state of the s
	Chai	ns	au Bail
	No.	<u>Jag</u>	
			Lepidolite 1od, 5 x 12 ft., bears N. 70° E., 95 ft.; thence
			N. 66° E., 100 ft. 00.03.0 (suds) Value, \$350.00
	ngs	irq	No. 3 A cut bears S. 78° 30' W., 590 Pt. from Cor. No. 3, Marm
	No.	1	The discovery point of the Tungstona Gode is on the lode line 300 ft.
			from the center of line 3-4.
	lode	89	No. 4 A cut bears S. 59° W., 550 ft. from Cor. No. 3, Warn Sprin
	No.		A cut bears N. 69° 30' W. 2.870 ft. From Cor. No. 1, Tungstona lode,
			8 x 12 ft., 115 ft. long, bears N. 59° Ep. Off , bulsv
	agn	crof	We. 5 A cut bears S. 7h° 30' W., 920 ft. from Cor. W. 3, Warn
	No.		A cut is on the Fode line 715 ft. from the center of line 1-2.
			Tungstona lode, 5 x 10 ft., 35 ft. long, bears W. W. S.
	291	ina	No. 6 A cut bears N. 87° 30' W., 805 ft. from Cor. No. L, Warm
	No.		A cut bears NO 75° W.I, 612 ft. farom Con. No. 1, Tungstona lode,
			5 x 8 ft., 70 ft. long, bears N. 48° W. 00.0218 , saleV
	abot	17.65	Walue, \$200.000 W. 475 ft. from Cor. No. 4, warm Sprin
			A cut bears N. 28° W., 220 ft. from Con. No. L. Tungstona lode,
			3 x 10 ft., 25 ft. long, bears N. 43° E. 0.001 , oulsv
	d+ a+	fr. is	Value, \$25.00
			No. 1 The direcvery cut of the Huberite of lode, the face of with the Lieux To preting entruding it of Einc. 13737 1375 14 Oct.
		0.0	Tungstone clode, J 3 r 12 ft., 3 ft. deep, beers E. J. 008
			Value, \$50.00 00.000 Value, \$50.00
	eMo.	Tah	The discovery point of the Beryllionite No. Wlode is on the lode
	-1400	1	line 420 ft. from the center of dine 12-3.
			No value.
	, [-1.	9	No. 2 A cut is on the lode line 670 ft. from the center of lin
123	NO.	T -	The discovery cut of the Scheelite lode, the face of which is the discovery point, is on the lode line 44 ft. from the center of
			line 3-4, 5 x 15 ft., 9-foot face, bears E.
	Nock	90	No. 3 A cut bears M. 51° 30' W., 812 ft. from 00.005\$., sulsVallar
	No.	1	The discovery point of the Fluorite lode is on the Vlode line 117 ft.
			from the center of line 1-2.
	code,	lool	No. h A cut bears S. 6 E., 296 ft. from Cor. No. eulev. onice
	No.	2	5x & it., 5-look lace, bears N. 63° E.
	1100		A cut bears N. 53° E., 60 ft. from Cor. No. 2, Fluorite lode, 6 x 12 ft., bears N. 75° E., 100 ft.; thence N. 42° E., 60 ft.; thence
			N. 12° W., 135 ft. 2 TARMAYOUPNI MOMOO
0	ove l'Ecs		Value, \$300.00 An interest in common improvements to Beryllionite
	No.	3:81	A cut bears N. 50 30 W., 890 ft. from Cor. No. 3, Fluorite lode,
			9 x 12 ft., 50 ft. long, bears N. 33° E.
	10 YE.	M. C.	A tunnel, 6 x 8 ft. in size, the por 00.0018 visitaVerr
	No.	4	A cut bears N. 68° W., 660 Te. Trom Cor. No. 3, Fluorite lode,
			6 x 10 ft., beers N. 15 W., 180 ft.; thence N. 20 W. 100 ft.
			Value, \$200,000 to 154.80 ft. to 00,000\$, and value
	No.	5	A cut bears W., 570 ft. Sfrom Cor. No. 3, Fluorite lode,
			6 x 12 ft., 30 £t? long, bears N. II W. O
			6 x 12 ft., 30 ft? long, bears N., II W. Och and T. Value, \$50.00 of the contract of the contr
	No.	,	The discovery point of the Werm Springs lode is on the lode line
	2108		519.6 ft. from & point on line 3-4, 202 ft. from Cor. No. 4.
			No value.

3		8744 . N VSurvey No. 4478	14
	Chains		Erfail)
	No _e s.2s s	A cuto bears S. 63° 30° W., 610 ft. from Cor. No. 3, Warm Sylode, 5 x 15 ft., 9-foot face, bears N. 60° 3. Warm Sylvalue, \$150.00	rings
•j	6 .00 ine 300 .	A cut bears S. 78° 30° W., 590 ft. from Cor. No. 3, Warm Sy	rings
,e ^c		A cut bears S. 59° W., 550 ft. from Cor. No. 3, Warm Spring 60x 12 ft., 50 ft. long, bears N. 42° W 2 230 000 Value, \$100.00 22 . 2 200 000 000 000 000 000 000	gs lode,
1		A cut bears S. 74° 30' W., 920 ft. from Cor. No. 3, Warm Splode, 3 x 8 ft., 35 ft. long, bears N. 34° W. of a day Value; \$25.00 good . 1 38	orings E .oV
	No. 6	5 x 8 ft., 70 ft. leng, bears M. 18° W. 00.0218, sulaV	orings
	7 .oN		gs lode,
	No. 1	The discovery cut of the Hubnerite #3 lode, the face of which discovery points is on the lode dine 300 ft. from a point 300 ft. from Cor. No. 62, h x 8 ft., 5-foot face, bears S. Value, \$75.00	on line 2-3,
	No.[1	The discovery point of the Ballance Rock lode is on the lo 100 ft. from the center of line hal. it work . It of while	ie line
	No. 2 the street of the street	A cut is on the lode line 670 ft. from the center of lin Ballance Rock lode, 5 x 5 fft., 6-foot face, bears N. 73 E to Value, \$50.00 has all abole in the center of line Value, \$50.00 has all abole	e 4-1, . f .ou
jì	No. 3	A cut bears N. 54° 30' W., 812 ft. from (Cor. No. 44; Ballan lode, 2 x 12 ft., 5-foot face, bears N. 52° W.	ce Rock
	No. 4	A cut bears S. 65° E., 296 ft. from Cor. No. 2, Ballance R 5 x 6 ft., 5-foot face, bears N. 63° E.	ock lode,
	de, 6 x ; thence	A cut bears N. 53° E., 60 ft. from Cor. 100.67, eulsve'l 12 ft., bears N. 75° E., 100 ft.: thence N. 42° E., 60 ft. N. 12° W., 135 ft. TVEME VORMI NOMMOD. Value. \$300.00	
2	rite lode	An interest in common improvements to Beryllionite #1 Rock, Hubnerite #3 and Scheelite lodes described as follow	S: .07
		A tunnel, 6 x 8 ft. in size, the portal of which bears E., 275.96 ft. from Cor. No. 4, Ballance Rock lode,	
	ode, ft.	Thence N. 11° 025 W., 229.98 ft. to Sta. 1	No. II
	ode,		No. 5
	e line	Thence No. 73° 49° W., 130.18 ft. to Sta. 101 .11 0.212	I .OH

Survey No. 1478

Chains W 105 "0

Thence N. 86° 55' W., 38.39 ft. to Sta. 11 — X
Thence N. 59° 30' W., 133.0 ft. to face.

From Sta. 2, N. 11° 40' W., 183 ft. to face.

From Sta. 2, S. 61° 35' E., 300 ft. to face.

From Sta. 3,165. 47° 54° W., 151.1 ft. to center of shaft.

From Sta. 11, (8. 39% 150 W., 28 ft. to face. . . .

From Sta. 6 + 26, N. 24° 35' W., 85 ft. to face.

A shaft, the center of which bears S. 82° 46' W., 761.0 ft. from Cor. No. 4 of the Hubnerite #3 lode, 6 x 14 ft., 560 ft. deep.

A drift, 180 ft. below tunnel level, 6 x 8 ft. in size, 850 ft. in length, extending 530 ft. westerly from the shaft and 320 ft. easterly from the shaft. 19170 371 381700 47410

A stoping section on tunnel evel, 450 ft. long, 70 ft. high. s described in

A stoping section on drift level, 100 ft. long, 90 ft. high.

end bas .W & syn Value of tunnel, shaft, drift, and stopes, \$98,750.00 don be value of one-fourth interest, \$21, 687.50

The surface rises rapidly to the north from the tunnel portal. The shaft, together with lateral extensions from the tunnel and The shaft, together with lateral extensions from the tunnel and drift, afford the most economical means for development of each of the stated lodes. 2510 ft., as recorded.

Five undred dollars or over has been expended in these improvements in such a manner as tends to the development of each of said lodes subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, an undivided one-fourth interest in the value is hereby credited to each of said no lodes Raymond . Jonhreres

No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.

OTHER IMPROVEMENTS

A steel frame mill building, the NE cor. of which bears S. 22° W. 66 ft. from Cor. No. 2 of the Scheelite lode, 75 x 100 ft. in size, the long sides bears N. 79° W. Claimant herein.

A wood frame building, the NE cor. of which bears S. 77° W., 280 ft. from Cor. No. 2 of the Scheelite lode, 20 x 80 ft. in size, the long sides bear N. 70° W. Claimant herein.

A water tank, the center of which bears S. 17° W., 255 ft. from Cor. No. 2 of the Scheelite lode, 105,000 gals. capacity. Claimant herein.

A water tank, the center of which bears S. 38° W., 270 ft. from Cor. No. 2 of the Scheelite lode, 105,000 gals. capacity. Claimant herein.

A cylindrical ore bin, the center of which bears S. 66° W., 380 ft. from Cor. No. 2 of the Scheelite lode; 20 ft. diam. Claimant herein.

Survey No. 4478 A cylindrical ore bin, the center of which bears S. 40° 30' W., 195 ft. from Cor. No. 2 of the Scheelite lode, 20 ft. diam. Chains Claimant herein. 1881 . N 104 Cor. No. 4 of the Ballance Rock lode, 80 ft. long, bears N. 10° W. Claimant herein. .F. O. J. . A well, 200 ft. deep, bears N. 71° 20' W., 521 ft. from Cor. No. 4 of the Warm Springs lode. drift, 160 ft. below tunnel leveniered tramical si OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA The cor. of Townships 142 and 15 N., Range 8 W., is an iron post, 3 ins. diam., firmly set and properly marked as described in the official record, The line between Townships 142 and 15 N., Range 8 W. and the cor. of secs. 13 and 24, T. 15 W., R. 9 W. was found to be north, 822.8 ft. instead of north 818.4 ft. as recorded. The east half of the line between secs. 13 and 24, T. 15 N., R. 9 W., was found to be N. 89° 53 W., 2640 ft. instead of N. 89° 58' W., 2640 ft., as recorded. TO ETRILICH DETERMENT wents in such attacks district to the development of each of said loads subsequent to its location and to the time since which common babivibre as ero's Name ; believer q even thing it capacity no-fourth interest in the value is hereby credited to each of said Head Chainman Raymond G. Contreras Glenn Lyle Gest portion of or interest in these improvements has sed cred ted heretofore as pavent expenditure to any lode claim; STREET MEETO WATER A stell frame mill building, the MT cor. of winich bears S. 22 W. 65 ft. Iron Jos. No. 2 of the Scheelite lode, 75 x 100 f. in sixe, the long sides beers N. 79° W. nioral amenda? A wood frame building, the NE cer. of which bears S. 7.° K., 250 ib. from Cor. No. 2 of the Scheelite lode, 20 x 80 fo. in size, the law sides tear N. 70° W. Claimant nerein. A water trail, the center of which beers S. 17' M., 2 S. It. Aren Cor. N., 2 of the Scheelite lode, 105,000 cale. caracity. A water tank, the center of which bears 2. 38° M., PTO Th.

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2

Clauset herein.

W. 2 of the concelite lode, ic , coo gals, capacity

A colindrical ore bin, the center of which beers S. 380 t. from Cor. No. 2 of the Scheelite lode: 20 ft. dium.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, Olaf Hondrum	amended amended
lineral Surveyor, hereby certify up	pon honor that in pursuance of an order received from the
Office Cadastral Eng.	ineer , at Phoenix, Arizona
	, I have faithfully and correctly executed the survey of
	pper Corporation
	olite, Tungstona, Beryllionite #1, Scheelite, Fluorite, ,
Warm Springs, Hubnerite #3 a	nd Ballance Roteke, placer, or mill site)
	Eureka Mining District, Yavapai County, Section 24,
15 N., R. 9 W.	Gila & Salt River Meridian, Arizona , and (State)
xecuted by me and under my direct he Manual of Instructions for the S	which is represented in the foregoing field notes as having been tion, and that said survey has been made in strict conformity with said order, urvey of the Public Lands of the United States, and in the specific manners, and I do further certify that the labor expended and improvements made
pon or for the benefit of the above	ve-named lode location(s) embraced in the said mining claim by (Lode or placer)
extent, location, and itemized value	grantors are fully stated in my report therein, and that the character, thereof are specified therein with particularity and full detail, and that no and improvements so credited to this claim has been included in the estimate in.
	Ω
Phoenix Arizona	(and of one Mosson)
Phoenix, Arizona (Place)	(Mineral Surveyor) Olaf Hondrum
	(Mineral Surveyor)
	(Mineral Surveyor) Olaf Hondrum
	(Mineral Surveyor) Olaf Hondrum CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O
(Place)	(Mindfal Surveyor) Olaf Hondrum CERTIFICATE OF APPROVAL Bureau of Land ManagementCadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date)
(Place) The foregoing field notes of min	(Minfrel Surveyor) Olaf Hondrum CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) neral survey No. 4478, in
The foregoing field notes of min	(Mindfal Surveyor) Olaf Hondrum CERTIFICATE OF APPROVAL Bureau of Land ManagementCadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) neral survey No. 4478, in North, R. 9 West, Gila and Salt River Meridian,
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The foregoing field notes of min Section 24 , T. 15 Arizona , executed be amefficied amefored Tebruary 19, corrections made prior to their cert	(Mindfal Surveyor) Olaf Hondrum CERTIFICATE OF APPROVAL Bureau of Land ManagementCadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) neral survey No. 4478, in North, R. 9 West, Gila and Salt River Meridian,
The foregoing field notes of min Section 24 , T. 15 Arizona , executed be amefficied amefored Tebruary 19, corrections made prior to their cert	CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) neral survey No. 4478, in North, R. 9 West, Gila and Salt River Meridian, oy Olaf Hondrum, Mineral Surveyor, having been critically examined and the necessary
The foregoing field notes of min Section 24 , T. 15 Arizona , executed be ameliated ameliated february 19, porrections made prior to their cert	CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) North , R. 9 West , Gila and Salt River Meridian, by Qlaf Hondrum , Mineral Surveyor, 1959 , having been critically examined and the necessary ification by the surveyor, the field notes and the survey therein described
The foregoing field notes of min Section 24 , T. 15 Arizona , executed be ameliated ameliated porder dated February 19, porrections made prior to their cert	CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O (Office) Phoenix, Arizona November 16, 19 59 (Place) (Date) North , R. 9 West , Gila and Salt River Meridian, by Olaf Hondrum , Mineral Surveyor, 1959 , having been critically examined and the necessary ification by the surveyor, the field notes and the survey therein described
The foregoing field notes of ming section 21 graph, T. 15 Arizona executed by ameliated ameliated ander order dated February 19	CERTIFICATE OF APPROVAL Bureau of Land Management—Cadastral Survey O (Office) Phoenix, Arizona (Place) (Place) (Place) (Place) (Place) (Office) (Pate) North , R. 9 West , Gila and Salt River Meridian, ov Olaf Hondrum , Mineral Surveyor, Lester S. Mann Office Cadastral Engineer

(Title)

UNITED STATES DEHARTMENT OF THE INTERIOR BURGAN OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

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dineral Surveyor berely carrier upon bonor that in pursuance of an order project from the
Office Cadential Engineer at Process, Arisons
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Mara Springs, Submerive M3 and Bellance Regions white a second forms. Second of the state of the second of the sec
No. 2 P. W. Cila & Salk River towns Arizona N. C. 12
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ctroctors made order to their conficultion by the narwyon, the field notes and the garden themin described to hereby approved.
Acceptable and the second seco
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CERTIFICATE OF TRANSCRIPT
I CRETEET that the Foregoing transcript of field notes of the above described minural survey No

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956) BUREAU OF LAND MANAGEMENT M.S. 4478 ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Beryllionite (#1), Hubnerite #3, Tungstona, Ballance Rock, Warm Springs, LEPIDOLITE, PHENACITE, FLUORITE, and Scheelite lodes, Mineral Survey No. 4478, located in section 24, Township 15 North, Range 9 West, Gila and Salt River Meridian, Arizona, are hereby canceled.

These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Beryllionite (#1), Hubnerite #3, Tungstona, Ballance Rock, Warm Springs, LEPIDOLITE, PHENACITE, FLUORITE, and Scheelite lodes,, M.S. 4478, were canceled April 20, 2009, by memo 9605 (956) M.S. 4478, which is now a part of the original field notes."

April 20, 2009

Date

Chief Cadastral Surveyor of Arizona

