Late Eric Mo. 8 1/2/07 Second Amendment

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

<b>MINERAL</b>	SURVEY	NO.	4502
----------------	--------	-----	------

А	rizona	Land District.
FI	ELD NOTE	S
Of The Surv	rey Of The Mining	Claim Of
Magm	a Copper Compa	ny
	Known As The	
Magma, Magma No	.1 and Lake Er	ie No.8 Lodes
Pioneer		Mining Dist
Pinal	County,	Arizona
on36, Towns	hip 1S.	, Range12E,
Surveyed under ender detect	June 9	, 19 59
our veyed under order dated		
sarveyed under order dated	<b>by</b> H	arvey W. Smith Mineral Surveyo
Claim located	See reverse	side, 19
Claim located	See reverse	side, 19 , 19.59
Claim located	See reverse	side, 19 , 19.59
Claim located	See reverse Aug. 10 Aug. 30	side , 19 , 19 , 19 59 , 19 59
Claim located	See reverse Aug. 10 Aug. 30	side , 19 , 19 59, 19 59 r, Arizona

2	Located	Recorded	Amended	Amendment Recording
Magma	12/9/16	12/12/16	5/15/59	5/22/59
Magma No.1	12/9/16	12/12/16	5/15/59	5/22/59
Lake Erie No.8 Second Amendmen	1/2/07	3/25/07	10/24/10 5/15/59	10/26/10 5/22/59

Life entre 11 ssi

of and matter part t

Chains Feet

bears N

post 4

from which

from which

This survey was made with a C.L. Berger & Sons transit, No.15045 with a horizontal limb 6% ins. diam., having two double opposite verniers and full vertical circle 5 ins. diam.; the verniers read to one minute of arc. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of horizontal-angle-right referred to the meridian established by the following direct observation on the sun: At 8:10 A.M. on Aug. 27, 1959 at Cor. No.1 of the Magma lode, latitude 33 18'14.14"N., longitude 111 04'59. 59"W. turning from a reference point about one mile southwest clockwise to the sum in an east direction.

True bearing of reference point

s.30°44'W.

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was compared to a standard at the beginning of the survey and found to be correct. Left ban

All lines and connections of this survey were run by

direct methods.

course 2.75

il ins tion, firmly faste

The magnetic declination observed at each corner of the survey gave a uniform value of 13°15'E.

Set a galvenized (3001 AMDAM16 and. long, 3/4 i. diam. At Cor. No.1 of the Magma lode identical with Cor. No.4., Magma No.1 lode, on line 2-3 Lake Erie No.8 lode; both of this survey.

> Set an iron post 13 ins. long, 3/4 ins. diam., in a 5 in. drill hole in east face of large boulder, cemented in with a brass cap, 2 ins. diam., firmly fastened to the iron post; mkd. MS 4502 M 1 M1 4 X; from which

The ½ cor. between secs. 25 & 36, T.1S., R.12E., G.&S.R.B.&M. bears N.14 43'30"W., 1161.08 ft. dist., an ironpost, 3/4 in. diam. 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Set a post 4x4 ins., 4 ft. above ground adjacent to the iron post.

> A power line bearing N.80°W. and S.80°E. passes immediately over this corner. natificated adjacent

Thence N. 88° 24'E.

Power line bears N.51°E. and S.51°W. 30.0

Pipe line, 10 ins. diam. bears N.5 E. and S.5 W. 1310.0

Power line, bears N.60 E. and S.60 W. 1425.0

L

		SURVEY NO. 4502		(4)
	Chains Feet		rinter Feet	
-r	1500.0	Cor. No.2 identical with Cor. No.3 Magma No.1 1	ode.	
9.	arc. T the sur by the	Set an iron post, 24 ins. long, 3/4 in. diam., pound concrete and rock base, 12 ins. in the with a brass cap, 2 ins. diam., firmly faste in the iron post; mkd. MS 4502 M2 M1 3 X; fr	ground, ned with-	
	on the of the li 04'5	Cor. No.3, Sur. No.4150, Spring lode, 68°55'58"W., 201.41 ft. dist.		
743	ile sou	A mound of stones constructed around 4 ins., 4 ft. above ground, adjacen iron post.	a post 4x t to the	
		Thence S.5°31'30"E.		
	5.0 tape,	Right bank, Queen Creek, 60 ft. wide, course S.	15°W.	
	300.70	Lode line; discovery point bears 5.88 24 W., 14	20.0 ft.	
	400 0	Left bank, Queen Creek, 60 ft. wide, course S.2	ow.	
TO	CO TUN	MIL LINES and Connections of this survey we	DC III	
	o mento	Pipelines, 2-3 ins. diam., 1-4 ins. diam., bear and S.23 W. do not sand took of bougant and see a very very said		
-	601.40	Cor. No.3		
ť	r. No.4 lode; be	Set a galvanized iron post, 18 ins. long, 3/4 i in a 15 pound concrete and rock base, 12 ins. ground, with a brass cap, 2 ins. diam. firml ed within the iron post; mkd. MS 4502 M 3 X;	. in the y fasten-	
, II	mented ned to	A mound of stones constructed adjacent	t to the	
-C	A .	Left bank Queen Creek, 60 ft. wide, course S.75	°w.	
JI	760.0	Pipelines, 2-3 ins. diam.; 1-4 ins. diam., bear	s S.77°W.	
88		Cor. No.4 on line 2-3, Lake Erie No.8 lode of t	his surve	≥у.
		Set a galvanized iron post, 18 ins. long, 3/4 i in a 15 pound concrete and rock base, 12 ins ground, with a brass cap, 2 ins. diam., firm ed within the iron post; mkd. MS 4502 M 4 X;	. in the ly faster	n- ich
		A mound of stones constructed adjacen	t to the	
Shake and the state of the stat		Thence N.5031'30"Wed and Ison	0.08	
the medical value of the	300.70	Lode line; discovery point bears N.88°24'E., 80	0.0 ft. di	ist.
		Power Line, bears 1.56°E. and S.50°U.		

d879-3

		C	5.
	SURVEY NO. 4502		. (2)
Chang	50RVET_NO: 4502	amms .	(3)
Feet		Feet	
. 500.0	Pipe line, 10 ins. diam. and power line; pipe 5.88°E. and N.78°W., power line bears N.43°W.	line bears	S
a point.	Intersect line 2-3, Cur. to. 1350, Spring lode at arrawalco. Spring de Cor. No.1 and place of beginning.	+I.8++	
	Power line, bears S.60°W. and N.60°E.	560.0	
of this	Cor, No.3, 1.3 dolld: ON AMDAMor. No.2, Magma Lode of Survey; previously described.	601.40	
	At Cor. No.1 of the Magma No.1 lode, identical No.2 of the Lake Erie No.8 lode of this survey.  4-5, Sur. No.4231, Horseshoe No.1 lode.	ey, on li	ine
f this	Set a galvanized iron post, 30 ins. long, 3/4 in a stone and concrete base, 30 ins. diam. base, 24 ins. high, with a brass cap, 2 ins. firmly fastened within the iron post; mkd. Management of the ground section of the dist., previously described	n. diam. at the diam., IS 4502 M1 .0021 .1S., R.1	12
	bears S.88 24 W., 198.70 ft. dist	•	2
O Et. dis	Lode line: 13'42'88.Nesars N.88'24'E. 69.	300.70	
1298.6	Cor. No.4, Sur. No.4231 Horseshoe No.1 olode oide Cor. No.3, Sur. No.4231, Horseshoe No.2 lode	ntical wi	.th
1459.4	Intersect line 3-4, Sur. No.4150, Spring lode; bears \$.9 40 30 W., 532.67 ft. dist.	Cor. No.3	
1500.0	oitCor. No.2 8.0M elake Erle No.8 12.0M .TOD JA		
on line	Set a galvanized iron post, 24 oins Tong, 3/4 i		
ound with ld marks	in an 8 in. deep hole in bedrock, cemented, face of rock wall of entrance to east end of Creek tunnel, with a brass cap, 2 ins. diam. fastened to the iron post; mkd. MS 4502 Ml 2 which	in north Queen firmly	
.s., R. 2E	The k cor. between secs. 25 & 36, T.I		
52.18 It.		ent to th	e
set adin-	gool .it a .ani Thence S.503b130"E.		
	Intersect line 2-3, Sur. No.4231, Horseshoe No. a point from which Cor. No.3 bears N.87 35'W ft. dist.	., 202.85	
1457.0 it.	Lode line; discovery point bears S.5 21 50 E., I	300.00	
26.62	Center line, U.S. Highway 60-70, a paved highwa N.68 30'E. and S.68 30'W.	y bears	
170.0	Pipe line, 10 ins. diam., bears S.40°W. and N.3	O°E.	

6

(5)

	SURVEY NO. 4502
Feet	Chann Feet
402.70	Cor. No.5, Sur. No.2995, Horseshoe lode identical with Cor. No.5, Sur. No.4231, Horseshoe No.1 lode.
601.40	Cor. No.2 identical with Cor. No.1, Magma No.1 lode of this
y bears.	810.0 Center lig"06'16'5'.5'.2 Soned To-70, a paved highway
545.74	가 보고 있다면 하는 사람들이 되었다면 하는데
601.40	Cor. No.1 Magmar Tode identical with Cor. No.4 Magma No.1 lode, both of this survey.
700.0	Pipe line, 10 ins. diam. and power line; pipeline bears N.78 W. and S.88 E., power line bears N.43 E. and S. 43 W.
1202.80	
1239.0	Power line bears N:85 E. and S.85 W.
1397.0	Two - 3 ins. diam pipe Tines and one 4 ins. diam. pipe- line bears N.70 E? and S.70 W.
1420.0	Right bank, Queen Creek, 50 ft. wide, course, S.70°W.
1492.0	Cor. No.3
a lod 8.c	Set an iron post 48 ins. Ilong, 3/4 in. diam., in a mound of stones, 3 ft. diam. at base and 30 ins. high with a brass cap, 92 ins. diam., firmly fastened to the iron post, mkd. MS 4502 LE8 3 X; from which
	Thence S.88°24'W.
100.0	Left bank, Queen Creek, 50 ft. wide, course S.70°W.
276.0	Two 3 ins. diam. pipelines and one 4 ins. diam. pipeline, bears N.70°E. and S.70°W.
300.70	Lode line; discovery point bears N.5°31'30"W., 35.0 ft. dist.
601.40	Cor. No.4 identical with Cor. No.2, Sur. No.4235, Lake Erie No.4 lode.
	Found an iron post, 2 ins. diam., 14 ins. above ground, firmly set, mkd. MS 4235 LE4 - 2 to which I added marks MS 4502 LE8 - 4 - X; from which
	A mound of stones constructed adjacent to the iron post.

8

Chains Feet		French William William
The second second		Feet
noi nilw i	Cor. No W"0. 118 31 30 Thence N. 50 31 30 W	402.70
216.0	Power line, bears N.85°E. and S.85°W.	
515.0	Pipeline, 10 ins. diam., bears N.75 E. and S.75	ow.
810.0	Center line, U.S. Highway 60-70, a paved highway 5.78 W. and N.78 E.	
1012.0	Power line; bears S.80 E. and N.80 W. 00 88	545.74
1492.0	Gord No.1 and place of beginning and I.ou . Too	601.40
	Survey No. 4502	1 4 8 1 A 1 B
	Pipe lime, 10 ins. diam. and pover line: pipel at N. 18 W. and S. 88 E., power line bears M. 43 E.	700,001
. C. Dilis	AREAS AREAS	
		Acres
	. Total area Magma lode	20.661 20.551
V CONTRACT	Magma No. 1 lode Towo	20.551
	Area in conflict with	
in. pipe	ib Sur . No. 4150, Spring lode b . eni & - ov 2	1.170
	" 4231, Horseshoe No.2 lode	0.033
7.0°07.		1421,0
	Sur. No.4150, Spring lode	0.022
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1492.0
	Set an iron post MOITADOL ong, 3/4 in. dian., in	⊕. Z&±T
gh with a ine iron		.½ sec. 36
gh with a ine iron	This survey is located in the N.E. and N.W. T.1S., R.12E., G.&.S.R.B.&M. M. Lam, 120g. The survey of the MagnaMagma No.1 and Lake Erie Is is identical with the respective location or an	.½ sec. 36
gh with a ine iron t	This survey is located in the N.E. and N.W. T.1S., R.12E., G.&.S.R.B.&M	.½ sec. 36
gh with a line iron a second at adjacent	This survey is located in the N.E. and N.W. T.1S., R.12E., G.&.S.R.B.&M. L.M. 120q. The survey of the MagnaMagna No.1 and Lake Erie is identical with the respective location or ar cation as marked on the ground.	.½ sec. 36 No.8 lodes mended lo-
gh with a live iron at ad ant ad ant palacent	Set an iron post NOITABOL ong, 3/4 in. dian., in of stenes, 3 it. diam. at base and 30 ins. his will be straight and be straight and be straight and	* sec. 36 No.8 lodes mended lo-
gh with a live iron at ad ant ad ant palacent	Set an incompose MOITADOLLong, 3/4 in. dian. is of stones, 3 it. diam. at base and 30 ins. h:  W. M. Dest, M. J. M. M. B. S. J.	* sec. 36 No.8 lodes mended lo-
gh with a line iron or edicamt	Set an iron post MOITADOLlong, 3/4 in. dian., in of stenes, 3 ft. diam. at base and 30 ins. his will be start at base and 30 ins. his will be start. Mr. Ma. H. S.	.½ sec. 36 No.8 lodes mended lo-
gh with a ine iron of a second	Set an iron post NOITADOLlong, 3/4 in. dien., in of scenes, 3 ft. diam. at base and 30 ins. ht. W.N bns. f. J.N edit ni betsool sinyevrus sidtl to post, med. ht. M.S. H.S. S. S. J. S. S. S. St. T. S. S. T. S. S. J. S.	.½ sec. 36 No.8 lodes mended lo-
gh with a line iron of a control of the control of	Set an iron post MOITADOLlong, 3/4 in. dian., in of stones, 3 it. diam. at base and 30 ins. his w.M. diam. at base and 30 ins. his post, med. ht. M. M. M. M. R. S. S. J. J. S. J. S. S. J.	.½ sec. 36 No.8 lodes mended lo-
gh with a ine iron of adjacent pipeline, it., it., it., it., it., it., it., it.	Set an inco post NOITABOLlong, 3/4 in. dian., in of stenes, 3 ft. diam. at base and 30 ins. he w.N bns. J.J. M. adi ni betsool si yeyrus sint to post, med. h	.½ sec. 36 No.8 lodes mended lo-
gh with a ine iron of adjacent pipeline, it., it., it., it., it., it., it., it.	Set an iron post MOITADOLONG, 3/4 in. dian., in of stenes, 3 ft. diam. at base and 30 ins. he was been been been been been been been bee	.½ sec. 36 No.8 lodes mended lo-

SURVEY NO. 4502 Chains Feet out beitlinehl . yewegin blexpenditures me vag ent dilw a witness post at edge of road and a hearing rock. Lines The improvements and the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimsant or its grantors are as follows: The discovery cut of the Magma lode is on the lode line No.1 80 ft. from a point on line 4-1, 300.70 ft. from Cor. No.4; 4 ft. wide, 8 ft. long and 10 ft. deep. .575, sold line 4-5 Horseshoe No.1 hode is M. 88 24. 15. 1697.32 ft. instead of 1494.48 ft. as approved. No.1 The discovery cut of the Magma No.1 lode is on the lode line, 69.0 ft. from a point on line 4-1, 300.70 ft. from Cor. No.4; 4 ft. wide, 6 ft. long and 8 ft. deep. .bove Value, \$60. No.1 The discovery shaft of the Lake Erie No.8 lode is on the lode line 35 ft. from a point on line 3-4, 300.70 ft. from corner No.3; 4 ft. wide, 6 ft. long and 8 ft. deep. Value, \$125. FIELD ASSISTANTS An interest in a common improvement described as follows. The development work from the 2250 level to the 3000 level consists of numerous drifts and crosscuts, 6x8 ft. in size, with inter connecting raises, 4x6 ft. in size, for orderly mining by various stoping methods, usually variations of square-set or cut and fill. The workings are so numerous and complicated that a verbal description is inadequate. See included plat for general mining layout. Value of drifts, crosscuts, raises and stops; \$150,000. Value of one-third interest, \$50,000

These improvements are constantly progressing for orderly mining of the three lodes, Magma, Magma No.1 and Lake Erie No.8 which are all contiguous lode claims owned by Magma Copper Co.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-third interest in its value is hereby credited to each of said lodes, Magma, Magma No.1 and Lake Erie No.8.

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

### OTHER IMPROVEMENTS

#### None

## OTHER CORNER DESCRIPTIONS & SUPPLEMENTAL DATA

Sur. No.4150, Spring lode, Cor. No.3, an iron post flush

10

SURVEY NO. 4502 Chains Feet with the pavement of the old highway. Identified from a witness post at edge of road and a bearing rock. Lines 2-3 and 3-4 are shown as approved. proverents ande upon or for the benefit of each Sur. No. 4231, Horseshoe No. 1 lode Cor. No. 4 identical with the claim Cor. No.3, Horseshoe No.2 lode: Cor! No.5, a witness corner, Horseshoe No.1 lode identical with Cor. No.5, Sur. No. 2995, Horseshoe lode: The corners are iron posts 2 ins. diam., 18 ins. Jabove ground, firmly set, properly marked and witnessed as described in the official record. Line 4-5 Horseshoe No.1 lode is N.88 24'E., 1497.32 ft. instead of 1494.48 ft. as approved. Line 2-3, Sur. No. 4231, Horseshoe No. 2 lode is shown as apine, 59.0 ft. from a point on limbevorg 300.70 ft. Sur No. 4235; Lake Erie No. 4 lode, line 1-2 is correct as ft. dee . sapproved. . 000 no al Sur No.2995; Horseshoe Rode, line 5-hais shown as approvlode line 35 ft. from a point on line. be; 300.70 ft. . Exem corner No.3; 4 ft. wide, 6 ft. long and 8 ft. deep. Value, FIELD ASSISTANTS An interest in a common improvement described as idl-Name Capacity 0 08 od of le Russell Hart mort show inomgo levelChainman level consists of numerous drifts and crosscuts, bud it. in amana in the fact connected Chevelandonnos total da Axeman ni for orderly mining by various stoping methods, usually variations of square-set or cut and fill. The workings are so numerous and complicated that a verbal Jascription. inadequate. See included plat for ceneral mining layout. Value of drifts, crosscuts, relues sud stops; .000.0213 Value of one-third interest, \$50,000 These improvements are constantly progressing for o derly wining of the three lodes, Magne, Magne No.1 and Leve brieffe, b which are all contiguous lode claims own by Magne Copper Co. Five nundred dollars or over her been expended in title improvement in such a manuer as tends to the develo ment of each lode of this survey subsequent to ion and to the time since which common ownership and con thrifty have prevailed; therefore an undivided one-third interest in its value is hereby eredited to each lodes, Magne, Magne No.1 and Lake Eric No.5, No pertion of or interest in these improvedents has been cradited heretolore as patent aspenditure to any lide

SUPPLEMENTAL DATA

Sur. Lo. 4150, Spring Lode, Cor. No.3, an iron post flush

### UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

13

CERTI	CIC.	ATE	OF	CI	ID1	/EV	AD.
CENII			U	JU	JK 1	491	UN

		Nov. 15 , 19.59
I,	Harvey W. Smit	rh
		hat in pursuance of an order received from the Cadastral
Engineer, BLM	•	, at Phoenix, Arizona
datedJung	e 9, 1959	, I have faithfully and correctly executed the survey of
the mining claim of	Magma Copper	Company ,
known as the	Magma, Magma No	1 and Lake Erie No. 8 Lodes (Lode, placer, or mill site)
situate inPion	eer Mining Distr	cict, Pinal County, Sec. 36,
T. <u>1S.</u> , R.	12E.,	G.&S.R. Meridian, Arizona , and
executed by me and und the Manual of Instruction described in the foregoin	er my direction, and that ons for the Survey of the ng field notes, and I do fo	which is represented in the foregoing field notes as having been at said survey has been made in strict conformity with said order, e Public Lands of the United States, and in the specific manner further certify that the labor expended and improvements made
upon or for the benefit	of the <u>Lode</u>	location(s) embraced in the said mining claim by
claimant(s) ori extent, location, and ite	<u>ts</u> grantors mized value thereof are a, said labor and improve	s are fully stated in my report therein, and that the character, e specified therein with particularity and full detail, and that no ements so credited to this claim has been included in the estimate
Contradalo An	ri zan e	ahun Quel 71
Scottsdale, A1	LIZUITA	Harvey W. Smith
		Bureau of Land Management Survey Office (Office)
		Phoenix, Arizona February 29 , 19 60
The foregoing field	notes of mineral survey	Phoenix, Arizona February 29 , 19 60  (Place) (Date)  y No. 4502 , in Pioneer Mining District
Section 36	, r. 1 South	, R. 12 East Gila & Salt River Meridian,
Arizona	, executed by	Harvey W. Smith , Mineral Surveyor,
(State) under order dated corrections made prior are hereby approved.	June 9, 199 to their certification by	having been critically examined and the necessary the surveyor, the field notes and the survey therein described
		Lester S. Marry
		Lester S. Mann
		Office Cadastral Engineer (Title)
I CERTIFY that the t		CATE OF TRANSCRIPT field notes of the above described mineral survey No.
is a true copy of the origi	nal field notes.	

(Title)

## CHATED STATES CHARACTOR THE INTERIOR CHARACTOR LAND MARKETINE

### MOYEVAUR OF SURVEYOR

THE RESERVE THE STATE OF THE ST	
28.01 XI .voil (10.00)	
12 m2	.W. yavtali
Leaving the Continue of an author received from the Continue of the Land tree.	Mineral Surveyor, barely derlifty upon la
	Engineer, BLM.
basiswing and bettered glooving has effection avail t	dated June 9, 1959
Toomson Tag	the white golden of
e No.1 and lake Exie No. 1 Louiss	
istrict, Pingl County, Sec. 35, M. St	
Ser. C. 48. R. Marting Mariana	11.
	a postarellit put milion from nor od sedmente potentil anti sue enclumentant la sessicit one
of white spining has sell of potentino (2) selling (2) spining (2)	I will be the morn out of the norm
HETWEN T. Daniell	Scottsdale, Ark gna
MAYORMA RO ETADILI	
Contract No. 1702 In Conduct Clark in Street	
And the state of t	
Transcour of the fermion of the sent that the description of the service therein described	
Transact Courses to 192770.	
RIPICATE OF TRANSCRIPT	
	I century that the fampoing transport to a true copy of the estimate held now a