

CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the Walter E. Heinrichs, Jr. Mining Collection

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STATEMENT

March 2, 1972

Russell Badgett, Jr. 1822 N. Main Street Madisonville, Kentucky 42431

Re: GEOEX Job # 678
Roskruge Mts.
Pima County, Arizona

Professional Fees & Services

Week Ending February 26, 1972

(301)

2/22/72 Lonaldson called Walt re: Roskrudge. Continental drilling & Blaced. Pinte No Cu. 325 4, 1 400 to bed W/ El.

Pinte No Cu. 325 4, 1 Hoo to bed W/ El.

Cocorome Butto to 1

Cocorome Butto to 1 Joan Claires. SE-3NZ

Aland 5 holes to Roth sides & on So.

Ved rock. 2-3 weeks to complete?

RECEIPT AND/OR NOTICE OF REFUND

UNITED STATES DEPARTMENT OF THE LITERIOR

In reply refer to:

DATE	AMOUNT	Remittance received for:	REMARKS
	Received \$	Patents \$Extracts \$	
	Applied \$	Plats \$Field Notes \$	
	Refund \$	Microfilm \$Other \$	

HEINRICHS GHOEK Cable: GEOEX

DEC 201971

TUCSON, ARIZONA 85703 BOX 5964

> (AREA 602) 623-0578 ☆ GPO 835 - 154

CHECK APPROPRIATE BLOCK

Check Money order Other (specify)

Form 1370-17 (May 1971)

REMITTER - TO ACCOMPANY CHECK

make cope.

STATEMENT

		Januar	y 10, 1972
Russell Badgett, 1822 N. Main Stree Madisonville, Ken	et	Re: GEOEX #590,	Jobs #671, #678
Professional Fees	& Services		
Week Ending Novem	per 27, 1971		
Job # 590 - Gene W.E. Heinric 1/2 day	eral chs. Jr New a y @ \$150.00/day-	rea research	\$ 75.00
Week Ending December	per 4, 1971		
	-9-		-0-
Week Ending Decemb	per 11, 1971		
2 hours Drafting -	sano Wash - Letter report s 0 \$18.75/hour- 11 hours 0 \$10.0)/hour	110.00
1/2 day	kruge chs, Jr area y 0 \$150.00/day- and staff - 2 d		75.00
project	t preparation 0	150.00/day	300.00
	.00/day		450.00

	C.S. Ludwig & W.H. Smith - Geology land status and accessibility investigation 1 day @ \$175.00/day\$ 1 Vehicle 1 day @ \$15.00/day 70 miles @ \$0.15/mile G.L. Hix - Court House land status research 3 hours @ \$10.00/hour	175.00 15.00 10.50
Week	Ending December 25, 1971	
J 	b # 678 - Roskruge W.E. Heinrichs, Jr. & C.S. Ludwig Conference with J. Donaldson and legal agreement preparation 1 day @ \$150.00/day Typing - 6 hours @ \$5.00/hour	150.00 30.00
Л Waek	Ending January 1, 1972	
	-0-	-9-
Tota	1 Amount Due This Statement\$ =	1,464.60
(301)	

Jo6#678 1/7/72 Balled walt, Jease de Douldson) Will beef in touch we

Job# 678 R.D. Conference. 12/23/71 John Drialdson, CSC. 45-10821. \$ 2,000,000 for such right now Tom Charler still his attorney

December 27, 1971 Mr. Russell Badgett, Jr. Re: GEOEX Job # 678 1822 N. Main Street Roskruge Area Madisonville, Kentucky 42431 Dear Mr. Badgett: Enclosed is a copy of a preliminary agreement form we worked up for a mining lease and option on Mr. Donaldson's property in the Roskruge Area, Pima County, Arizona. Mr. Donaldson looked this form over last Thursday and indicated he was in general agreement and would give the form to his attorney and work out some of the details. He seems anxious to get started on the exploration program and willing to give us the 18 months free lease on the property. He owns about 5,000 acres of which roughly half has mineral potential and would give us a reasonable position in the zone of interest. If a significant discovery were made, the other half of the property could also become quite important for a mill site, tailings and dumping areas as well as likely offering a good water supply - all of which would be essential. The buyout price on a per acre basis, assuming the entire 5,000 acres were involved, will probably reflect a total amount in the 2 to 5 million dollar range, i.e., \$400 to \$1,000 per acre. If you have any objection to, or recommendations on, this agreement proposal please let us know right away. We will send you copies of the agreement as soon as we reach something more concrete and before we finally commit ourselves to anything. All here send their best for the Holiday Season and wish you and yours a prosperous New Year. Sincerely yours, Heinrichs GEOEXploration Company Chris S. Ludwig Encl CSL;dm Senior Geophysicist

APPLICATION FOR MINERAL PROSPECTING PERMIT

/We	1.3				
1110	(N	ame)			
,	1)				
f	(Add	dress)			
to hereby make application tate lands hereinafter de Chapter 2, Article 4, Aria Commissioner may presc	escribed, in a zona Revised	ccordance Statutes,	with the p such rules a	rovisions of	Title 21,
Subdivision Section	Fownship	Range	Acres	County	Grant
N'2 of the NW/4 34	T145	RIDE	80	Pina	557
ots 4,5,6,7,849 11	11	1.1	275.00	1)	رز
Age Are there valid mine		claims o	r leases on		- /
6. Are there any abando				Na	
(de	scribe and loc	ate on atta	ached plat)		
		r state lar	ids to reach	the land und	
will it be necessary cation?	ko				
cation?	ko				5
cation? Yes N cation? Yes N Are there improvem	ko	on the lan	d described		5

9.) In unimproved list and were through the cation originating on Surdain hord.

APPLICATION FOR MINERAL PROSPECTING PERMIT

The	State Lan	d Commissio	ner:				
I/W	e		1)				
			(N	ame)			
of_))			
			(Add	lress)			
State	e lands he pter 2, Ar	reinafter de ticle 4, Aria	n for a minera escribed, in a cona Revised ribe and the te	ccordance Statutes, s	with the part with rules	rovisions o	f Title 27,
Subc	livision	Section	Township	Range	Acres	County	Grant
NE	the swa	35	T145	RIDE	80	Pima	55 7
	2,384	11	15	11X	157.80	"	37
1.	State who	ether individ	ual, partnersh	nip or corp	poration_(orporation	
2.	If an indi	ividual, are	you a citizen c	of the Unit	ed States?_	NA	
3.	Age N/						VIA
4.	Are ther	e valid mine	ral locations,	Claims or	leases on	this section	
	-						
		ldag	cribe and loca	to on atta	ched plat)		
	No.					11	
5.	Are ther	e any abando	ned workings	on this se	ction?	100	
	-						
		/ •	* 1 T		-lll11		
			cribe and loca				
6.	mation?	Yes / N	to cross other	state lan	ds to reach	the land un	der appli-
7.	Are ther	e improveme	ents or crops o	on the land	ldescribed	in No. 6 ab	ove? <u>Na</u>
	-	(des	cribe and loca	te on atta	ched plat)		-
0	Y	a and dates		on the land	under and	ication Vac	No /

9.) Unimproved list roads run through the entern and northern halves of the section originating on Sankario Road.

APPLICATION FOR MINERAL PROSPECTING PERMIT

/ ٧٧	e_ <u>Heinri</u>	cris oc	oexploration (N	ame)	0		
f /	0. 0. Box 5	5964 . 7	ueron, A	VIZona	85703		
			(Add	lress)			
tat	e lands her pter 2, Arti	einafter de cle 4, Ariz	n for a minera scribed, in a ona Revised : ibe and the te	ccordance Statutes,	with the particle with rules	rovisions o	f Title 27,
ubo	division	Section	Township	Range	Acres	County	Grant
1/2	of the NW/4	2	T155	RIVE	80	Pesna	56 6/11/1
W	19 of the NE 14)/	<i>b</i> -	11	40	11	21
	2314),))· ··	15	121,81	1)	32
	If an indiv	idual, are y	nal, partnersh you a citizen o	of the Unit	ed States?_	NH	
	If an indiv	idual, are y	you a citizen o	of the Unit	ed States?_	N/+ Single A	V/A
	If an indiv	valid miner	Marrie al locations,	of the Unit	ed States?_ · leases on ched plat)	N/+ Single A	V/A
	If an indiv	valid miner	Narrie	of the Unit	ed States?_ · leases on ched plat)	N/+ Single A	V/A
	If an individual Age MATE there Are there	valid miner (des	Marrie Marrie al locations, cribe and locations and locations are cribe and locations are cribe and locations.	te on atta	ed States?_ leases on ched plat) ction?	Single Athis section	V/A
	Are there Will it be	valid miner (des	Marrie Marrie ral locations, cribe and locations med workings cribe and locations ocross other	te on atta	ed States?_ leases on ched plat) ction?	Single Athis section	V/A

8. Are there improvements or crops on the land under application Yes__No_/

(describe and locate on attached plat)

jury that the information contained and of (my or our) knowledge and belief true, A.D. 19 7/.
of (my or our) knowledge and belief true
of (my or our) knowledge and belief true
Herniche Georgiantion Composition (Applicant)
W.E.H. Jr
E FILLED IN BY APPLICANT
Receipt No.
eginningExpiring
ed byDate

APPLICATION FOR MINERAL PROSPECTING PERMIT

The State Land Commissioner:

/We		/)	ame)			
		(1)	ame)			
f)).				
		(Add	dress)			
State lands he Chapter 2, Art	reinafter de cicle 4, Ariz	n for a mineral escribed, in a cona Revised ibe and the te	ccordance Statutes, s	with the p	rovisions of	Title 27
ubdivision	Section	Fownship	Range	Acres	County	Gran
S'/2 of the NE'4	3	7155	RIVE	80	Pierre	557
	17)/)1	81.12))	11
		12-4-4	Stra er		- 1	
• State whe	ther individ	ual, partnersl	tip or corp	poration_(orporation	by
. If an indi	vidual, are	you a citizen o	of the Unit	ed States?	NA	
						110
. Age <u>N/A</u>	ţ	Marrie	d 797 AF		_ Single _/	// 0
Are there	valid mine:	ral locations,	claims or	leases on	this section?	No
-						
	ldive	cribe and loca	ito on atta	chod plati		
					./	
Are there	any abando	ned workings	on this sec	ction?	No	
	(des	cribe and loca	te on attac	ched plat)		
					57. 200. C 19.	
antinu?		to cross other	state land	ls to reach	the land und	ler appli
cation?	Yes No					
			and Marc Town 9	olan and trail	The Kine Zona I	1/.
Are there	improveme	ents or crops o	on the land	described	in No. 6 abe	No ! // s
	(des	cribe and loca	te on attac	ched plat)		

over

9.) Unimproved dist make come to within one mile of this geneel to the north, northwest and event all origination on Sandanio Road.

12/14/71 Joh 678 Mr. Donaldson for had no formal agreement in the part. He wants any sort of an equitable leal - we should submit to him an example. Will be around town next few week. LA .

AIR MAIL December 10, 1971 Mr. Russell Badgett, Jr. 1822 N. Main Street Re: GEOEX Job # 671 Paisano Wash Area & Madisonville, Kentucky 40431 GEOEX Job # 678 / Roskruge Area Dear Mr. Badgett: Enclosed is a copy of each of the five I.P. Sectional Data Sheets and the Composite Plan for the recently completed Paisano Wash Area project near Florence, Pinal County, Arizona. We find no I.P. response of sulfide significance on the five lines surveyed and no suggestion of pervasive alteration in the resistivity data. Apparently, the mineralization and alteration observed on the hill in Section 18 is confined mainly to the hill and doesn't appreciably extend into the alluvial covered areas. Therefore, we have abandoned this project. The claim notices will not be recorded and the two prospecting permits applications are being dropped prior to any rental or bond payments. We are initiating land negotiations in the Roskruge Area, Pima County, Arizona as mentioned yesterday by telephone. The area of initial interest lies in and near Section 35, T. 14 S., R.R10 E. about 6 miles north of Robles Junction on the Ajo-Tucson Highway #86. We will notify you as we reach any significant milestones. All say hello from here. Sincerely, Heinrichs GEOEXploration Company This of duding Chris S. Ludwig Senior Geophysicist Enclosures: 6 CSL; dm

FEOEX JOB 678 Roskruge Project 12/9/71 Mr. Balgett gave us the O. K. To approach the land owner The up ground. Checked with BLM in PHX (Ph-1-261-3706) I ordered the four pertinent township plate (hard status) also herbed with state Land Digentment PHX (Ph-1-271-4634) go details or ownership: Section 34 TI45, RIDE 355 acres open for P.P. 237.80 11 11 11 all private Section 1 all grint TISS, RIVE 561.81 acres open for P.P. 481.12 11

12/9/71 T145 R10E Federal Minerala 35 PRIVATE? 237.80 acres 35-5 acres STATE STATE SS 7 2 OPEN OPEN T 155 8RIVATE STATE 561. Blaves Morninglo Open 40.61 40.60 121.81 4763 Ret. 2/25/72 4689 Ly Tucson WEHEAller MNan RC. Bunley Gay 50-31 gay 1972 Continental Oil-Rosk subject 1/72 his man shows Sec 34 fall Geeft State ground.

Notice of Location

NOTICE IS HER	REBY GIVEN that the	MAG	# 1		lode minir	ng claim
was located by HE	WRICHS GEOEX	PLORATION	, co	n FEB	25	1972
선생님이 가면 먹어 하는 하셨다니다	eet in length along the v					
width on each side o	of the middle of said veir	n or deposit at v	which this notice	is posted. The	general c	ourse of
	EAST - WEST					
District, PI	MA County,	Arizona. This	laim runs from	the location m	onument	or stake
on which the notice	is posted 800 feet i	na WES	TERLY	direction to	the w	EST
center end monumer	nt or stake and 700	feet in a	ASTERLY	, d	rection fr	rom the
	or stake to the EAS.					
corner monuments of	r stakes at each end of	the claim, one o	on each side of a	and 300 feet fr	om the cer	nter end
monuments or stake	es, making the claim in	the form of a	parallelogram.			
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0.11		1/2	10.011		4 & S. C.V)
- 41		116	WILLAS G	EDEXPLORA	1000	CO. by
		a	ellan V. Z	woran .	GE	0606157
	0			Locator		orthonoxen
	- 11					

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

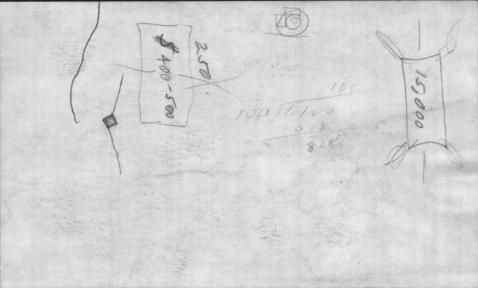
Notice of Location

	e MAG Z lode mining claim
was located by HEIN RICHS GEOR	EXPLORATION CO. on FEB 25, 1972.
	e vein or deposit of mineral-bearing rock in place and 300 feet in
width on each side of the middle of said	vein or deposit at which this notice is posted. The general course of
	and is situated in the ROSK RUGE Mining
District, P/MA Cour	nty, Arizona. This claim runs from the location monument or stake
on which the notice is posted. 800 tee	et in a WESTERLY direction to the WEST
center end monument or stake and 70	O feet in a EASTERLY direction from the
location monument or stake to the	457 center end monument or stake, and is also marked by two
corner monuments or stakes at each end	of the claim, one on each side of and 300 feet from the center end
monuments or stakes, making the claim	in the form of a parallelogram.

1	
	Allan U. Muran - Geologist
	100 1120 - 1 11
	Man O- Miran - Geologist
©	Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Mr. John W. Donaldson, Jr. 5531 E Ft Lovell Road 298-2443 after 6:00 P.M.



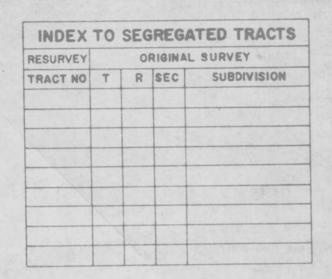
BUREAU OF LAND MANAGEMENT PHOENIX, ARIZONA COPY ISSUED BY

1971 DEC 10 AM 11 44

TOWNSHIP IS SOUTH RANGE IO EAST OF THE GILA AND SALT RIVER MERIDIAN, ARIZONA

STATUS OF PUBLIC DOMAIN LAND AND MINERAL TITLES

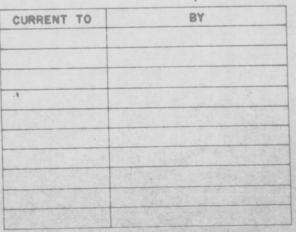
MTP SUPPL Sec 25



FOR ORDERS EFFECTING DISPOSAL OR USE OF

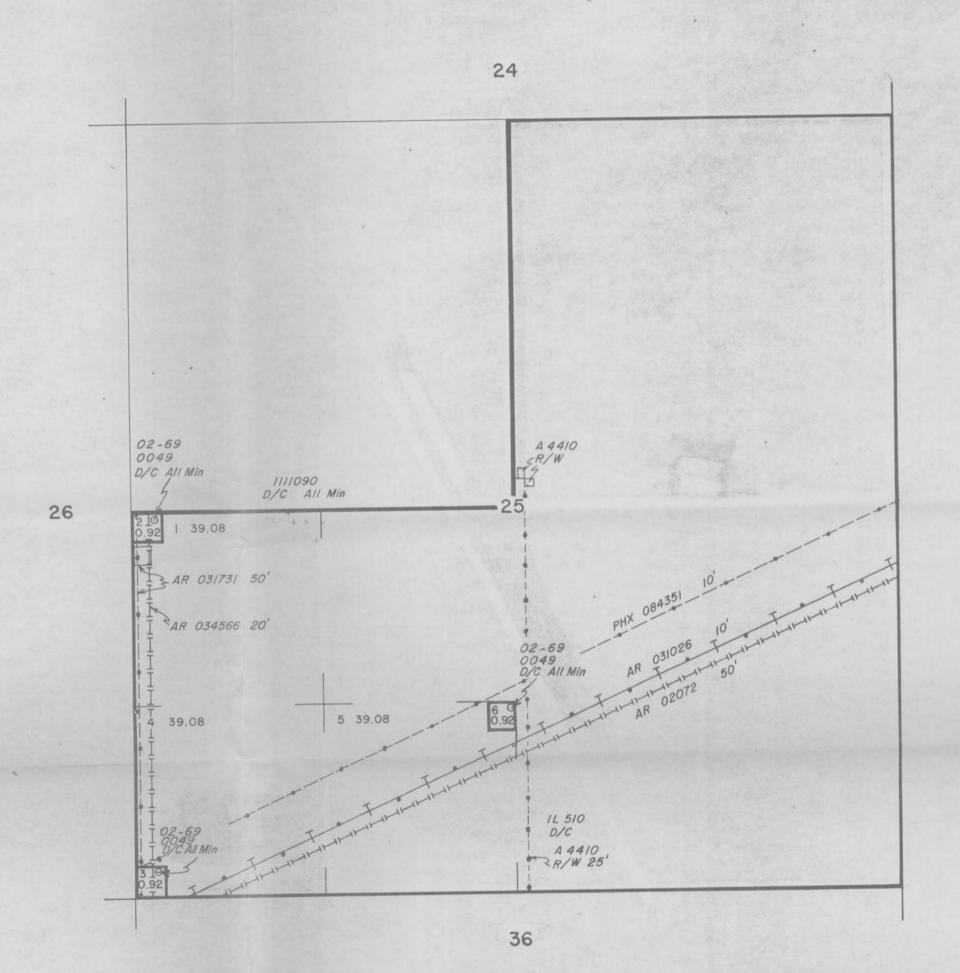
UNIDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION, MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES.

REFER TO INDEX OF MISCELLANEOUS DOCUMENTS. A 2153 CL MULTIPLE USE DIST. NO. 2



T 15 S. R 10 E.

PIMA COUNTY



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5	0	5	10	20
		S	CALE	

TOWNSHIP IS SOUTH RANGE II EAST OF THE GILA AND SALT RIVER MERIDIAN, ARIZONA BUREAU OF LAND MANAGEMENT PHOENIX. ARIZONA COPY ISSUED BY STATUS OF PUBLIC DOMAIN LAND AND MINERAL TITLES 1971 DEC 10 AM 11 45 02-69-0049 D/C All Min PIMA COUNTY MTP SUPPL Sec 19, 20, 30 18 17 02-69-0049 0.92 D/C All Min 5 45.54 A 1622 A R/W INDEX TO SEGREGATED TRACTS ORIGINAL SURVEY RESURVEY TRACT NO T R SEC SUBDIVISION 46.66 3 39.08 AR 034566 R/W 20' 02-69-0049 D/C All Min T 02-69-T 0049 T D/C All Min IL 262 D/C 1095298 FOR ORDERS EFFECTING DISPOSAL OR USE OF D/C UNIDENTIFIED LANDS WITHDRAWN FOR CLASSIFICATION, 20 8 IC 0.92 7 45.94 MINERALS, WATER AND/OR OTHER PUBLIC PURPOSES REFER TO INDEX OF MISCELLANEOUS DOCUMENTS A 2153 CL MULTIPLE USE I AR 034566 T R/W 20' DIST. NO. 2 1L 510 D/C 4 47.06 5 39.08 AR 031179 Azimuth Marker 1 02-69-1 0049 1 D/C All Min 1 5/ 6 30 0.92 5 46.7 02-69-IL 262 D/C 0049 D/C All Min 1L 504 D/C PLO 5023 Wdl Air Force AR 031179 Azimuth Marker 29 02-69-0049 D/C All Min 10 46.29 1 02-69-1 0049 1 D/C All Min CURRENT TO BY IL 262 D/C IL 244 D/C 31 SCALE 10 chains to the inch

Description of Donaldson Property to be included in T145, RIOE, G\$SRM Section 25, W/2 of the NW/4, 5W1/4 (240 acres) Section 26, E'r of the E'r (160 acres) Section 35, E'z of the NE'4, NE'4 of the NE'4, Lot 1 (168,60 acres) Section 36, all, meloding doto 1, 2, 3 and 4 (655,20 acres) 7155, RIOE, 6\$SRM Section 1, 5W14, 51/2 of the NW14, Lote 394 (320.91 acres) Section 2, SE'4 of the NE's, Lot 1 (80.60 acres) 240 1625,31 acres total 480 175.20 655,20 8.60 :60 74.71

GRANTOR

GRANTEE

PROPERTY DESCRIPTION

PARCEL No.

DATE

BOOK

PAGE

3/24/59

Hubert H. D'Autremont & wife Helen Congdon	Frank R. Rendon	Manuel Valdes Br	Tortuga Cattle Co.	Tortuga Cattle Co.	Frank R. Rendon 4.	Manuel Valdez	Juan Montano A	Juan Montano 8,	ose Luis Montano	U.S.A. Home No A	U →S →A → Home No a
Rancho Santa Elena Inc.	Hubert H. D'Autremont & wife Helen Congdon	Felix Valdes Pad stind R.	Frank R. Rendon - All The State Juana	A Frank R. Rendon M	Tortuga Cattle Co.	Tortuga Cattle Co.	Frank R. Rendon W/2 W/2-	Manuel Valdez	Juan Montano	Juan Montano Homestead Act of 2/19/09 no reservations No Apparent spouse "	Jose Luiz Montano Homestead Act of 2/19/09 no reservations No apparent spouse "" All All
Sec.	Sec.	Sec.	(Sam	= = S = C •	Sec.	Sec. 35	Sec	Sec.		ations Sec.	All I
2888	222	Sec. 25 B2	ie desc	228	228		25(0	25.8	222		prope 25 26
Sec. 25 (other property B3 # 1, 2, 3 11/30/45 % including) # 4, 5	(other property Aq- including)	2 QuitClaria	(Same description as above again recorded, why is not clear)	(other property A3 including)	(other property A. including)	(Note # 3 omitted)	Sec. 25(other property 4, 26 including)	E1/2501/4 =	E< NE4	SHA E2 SEA	property in T.14 S., R.10 86 25 W2 NW4 # 1 26 E2 NE4 # 1
# 1, 2, 3 # 6, 5	## 5 5 5 2	# 3		0.F.J.	# 1 \$ 2	# 6	# 1 52	***	サインを	44.20	7.7
1, 2, 3 11/30/45 6 1y not owned by gran	10/1/h3	12/8/12	9/8/39)	20018	W1/33	3/11/33	6/22/27	91/1/01	7/23/15	1/26/16	# 3 - W/
mtor 300	260	2516	2 2503 12	100 mm 227	711	ŢŢ.	AR N	V 62	Pima Co.		Tract Book B. L. M.
239	637	382	25	169	322	320	181	528	Pima Co. Records 60 500		M. Y

GRANTOR

GRANTEE

PROPERTY DESCRIPTION

DATE

BK PG

wife Elena V. Robinson Carr Locke & Elena Inc. selling to Note: No record of Rancho Santa Principal owners of Rancho Santa Elena are R. C. Locke & wife Elena V.

Robinson & wife Elena V. Carr Locke

Rancho Santa Elena Line. Sec. 26 Sec. 25 TILS RICE (Other prop (Other properties 1.2,83 (How? 3) included) Parcel

Felix Valdez Stwife &

Hubert H.

Rancho

Santa Elena

Inc .

& wife Helen Congdon Robinson Carr D'Autremont & wife Elena V. Locke

25

3 Indo Kan

3/25/46 301 132

35

omitted)

5/1/50 253 11h

John Kal & Manie

3

Robinson Carr Locke

wife

32

loned as omitted) specifically ment-1 & 2 (Parcel 3 is

1/15/51 335 529

Rancho Santa Elena Inc .

John Kal &

wife Mamie

25

Docket 325 528

Mote: No record of DMAutremont selling parcel # 3 Sec. 25 to Rancho Book 300 page 239. Santa Elena except as entered on

John Kai & wife Manie

John Donaldson & wife Janet

Sec. 26 Sec. 25

STIL 652.3 (Other

> 398 309 Docket

GRANTOR

GRANTEE

PROPERTY DESCRIPTION

DATE

BK

PG

Janot Donaldson

4

John Donaldson (sole)

Sec. 25 1, 2, 3

11/5/51 398 310



00

Township 14,5

Range 10 E

Meridian G. & S. R.

31

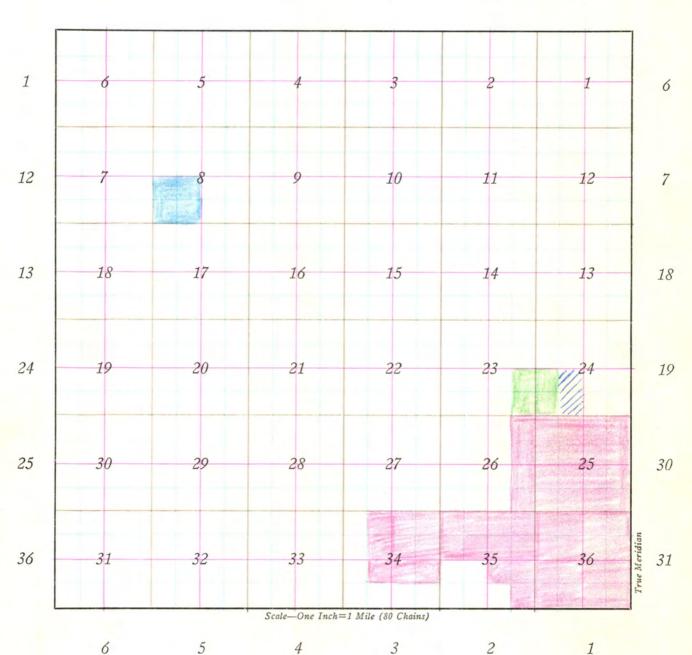
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Remarks:

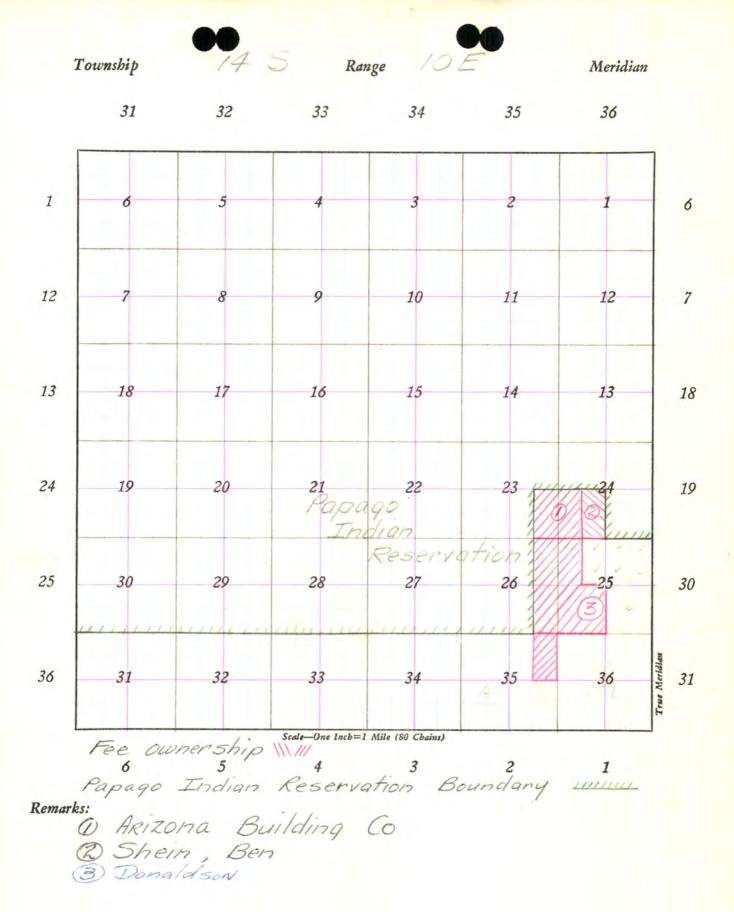
Assesser's office - Pina Co. - Book 63.

Donaldson, Lotte (Sole)

Arizona Building Coo - A corp.

Burruel, Elijio

Mh. Shein, Ben



Meridian G. & S.R. Township 155 Range 10 E 34 35

Remarks:

ASSESSOR'S Office - Pima County - Book 65.

Donaldson, Lohn (Sole)

Cox, LESSIC M

HURST, Frank & Vera K. AS III/RS - Pat.

Inscho, EVERETT E. — Pat.

Pratzman, Kenneth L. - Ariz Land Title & TRUST Co. as trustee Pat.

Scale-One Inch=1 Mile (80 Chains)

AREA

JOHN DONALDSON (sole) Husband of Janet Donaldson Surface & Mineral Rights to parcels 1 through 6 inlusive.	Consideration Paid	4. ACREAGE 480 (approx.) INTEREST Years. Royalty For Period Of, Payable
2.MINERAL RESERVATION X FEE as described below Surface Owner John Donaldson 7.ADDRESS 5531 E. Fort Lowell Tucson, Arizona	6.TITLE INFORMATION Title Co. Asses U.S.BURRAU OF LAND Inst. No. Da	Ariz. State land Dept. sors Collectors MANAGEMENT, Court House te Rec'd. Bk-Pg n chain of title sheets
Phone AXtel 8-2h43	8.T.I. ARB. NO.	
Property Description 2 2 Section 25, Tlls, RIOE, GSREAM 2 Sylt 2 2 2 2 2 3 35 " " " " " " " " " " " " " " " " "	ord of how D'Autrement to Valdez; the parcel is the sheets). Ovt. (Jose Luiz Montano, ory Act of 2/19/09 with notitles have been carefully	of Sec. 25,TlkS,RlOE.) ransferred title of included in later Vuan Montano) oreservations
PARCEL No. 1 W2 NW4 W2 Sec. 25, T1 2 W2 SW4 W2 Sec. 25, T1 3 E2 SW4 E2 SW4 E2 SE4 E2 E2 26 6 E2 NE4 N2 E2E2 35 State of Arizona surface and sec. 25, 26, 35 Twp. 14 S. Rge. 10 E	Lis, Rice.	-26

.DIRECTIONS			
DANK AND LOCATION		-	
BANK AND LOCATION			
× .			
s .			
.REMARKS (Recent Transfers	, Mineral Reservat	ons, Trust Deeds Etc.	:
.REMARKS (Recent Transfers	, Mineral Reservat	lons, Trust Deeds Etc.	:
.REMARKS (Recent Transfers	, Mineral Reservat	lons, Trust Deeds Etc.):
· · · · · · · · · · · · · · · · ·			
25. st. = 1			

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

1 x - 19

AREA ROSKRUGE DISTRICT, ARIZONA

Property Description

NEWMONT EXPLORATION COMPANY LIMITED

1.LESSOR STATE OF ARIZONA	CHECK NO.	ACREAGE _610 (approx.) INTEREST
(Surface & Mineral Rights)	5.LEASE TERMS Primary Term Consideration Paid	Years. Royalty For Period Of,Payable
2.MINERAL RESERVATION FEE Surface Owner STATE OF ARIZONA		sors Collectors
7. ADDRESS State Office Building Phoenix, Arizona	Inst. No. Dat	Rec'd. BkEPg
a managa at a parties	8.T.I. ARB. NO.	

ALL OF SECTION 36, TILS, RICE, GSREM, ARIZONA
(This includes area requested, NAME of above section.)

Area is at present classed as non-mineral by the State Land Dept. and is leased for grazing purposes to John Donaldson.

See sheet 1 for map and desription.

WORK SHEET NO. 2 Of 2

	or deletions to lease initialed by ALL PARTIES to the f married man, wife must sign also. If married woman, sible.
A.DIRECTIONS	
	THE CONTRACTOR OF THE CONTRACT
B.BANK AND LOCATION	
C.REMARKS (Recent Transfers, Mine	eral Reservations, Trust Deeds Etc.):
	
\ <u>-</u>	
D.FLASH REPORT	E.WEEKLY LEASE REPORT

10. FOR LEASEMEN ONLY

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

Township ___ N. M. P. M. Pima County, ARIZ. 4/21/60 ? indicates B.L.M. records not checked PAPAGO IND. RES. DONALDSON SURFACE

DONALDSON SURFACE & MINERAL

STATE SURFACE & MINERAL

G, SRBM

WORK SHEET NO._

s.b.b. & m.

m.d.b. & m.

Sec. 25 26 35 Twp. 145 Rge. 10 E

FORM 366LA6

			X
DIRECTIONS			
JIRECITONS			
BANK AND LOCATION			
Awarday or an area			
REMARKS (Recent Transfers, Min	ral Reservations, Tru	st Deeds Etc.):	

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

Dec. 24 T145 RIDE as to NW4, NE 4, SE4 Jose Luiz Montano Syrface and Minerals as to W 2 SW 4 (Act 2/19/09) Homestead entry # 021688 dated 3/14/13 patent # 400040 dated 4/22/14 Present tax payer ARIZONA Building Co. H corporation Ben Shein Tueson, Akiz. Surface & Minerals

as to E SW4 Public Sale (1st proviso) patent #

H92133 dated 2/5/9 Sec. 25 7145 RIOE Jose Luiz Montano Surface & Minerals as to WZNW+ (act of z/19/09) Homestead entry # 02/688 dated 3/14/13 paper + # 400040 Saled 4/22/14 Bo acres Juan Montano Servace à Minerals as to 5W4 (act of 2/19/09) Homestead entry # 02/688 dated 1/19/15 patent # 509782 dated 1/26/16 Dec. 26 T145 RIOE

Newmont Expl. Co

Land Check State Land Office Burous Land Management Office Phoenix, Ariz. & Phoenix, ARIZ. & Assessors Office Pina Cty. Court House E. Grover Heinrichs 3/18/59 Heinrichs Geoexploration Company

Sec. 23, T145, RIOE

A. Papago Indian Reservation Surface & Minerals
as to NW 4 NE 4 SW4, W2 SE 4

puplic - land mining low (30 U.S.C., Sec. 21)

B. Jose Luiz Montano Surface & Minerals
ashEz 5E4 Homestead entry (Act 2/19/09) # 02/688 dated 3/14/13 patent # 400040 dated 4/22/14 - 80 ocres

John Donaldson (Sole) as to E2 SE4 5531 E. Fort Lowell, Tucson, ARIZ AX 8-2443 fresent tax payer Arizona Building Co. - A Corporation present tax payer on item B

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2	Approved 4-25-32	Shehofheiz	237.8	7/16/31	070515 The/31	1)25W4 55	Lots 2, 3, 4, 1025m4
				82/1	F.C. 12/1/28		
	7	· Concha Copez	640.00	4/22	053594 4/4/22	05RHd	NNT, W WE , KIT SE
Re	4/12/29		dozen /	had & with	× K.0/60		Will A 211 64
7	102612	Manuel Benites	160	-7	053146/ ?		Lots 0,7, 30 30. No. 1304
7	٠ ٧	· 1	.~	9.	F. C. Issued	7	
7	1/26/16				30305		Lot I NEASEA
1	I MENIN	Juan Montage	320.00	1/19/15	026550		ENER CHY
	Oore 1	N ARS C	AKEA	10	如林		
				7 145 KIOE	53		
	31/22/11			180	25	Sec	
-	509782	Juan Honkins	320.06	1/19/15	2000		,
-	10/25/38	100			27/23	142	SW4 E
_ <	8046801	109					,
		Frank L. Young	396.72	10/3/32	77477	980	
-	5/6/35	(4				2NW4	NUNEA, EZNWA
	1075676	Pensonere # 1	the R.				
	7/6/22	1	- 1	10/5/34	063944	80	431123
-	(Krips ?)	Margarita	0.5	10/10	,	7	The Contract of the Contract o
,	gatested		3		045760	00000	422
7	Montrino	Jose Luiz M	22 %	3/14/13	883120	E. Hel	MUNWA

	E2 SW4 PS 020104 12/4/58 Buacres Son Schien #1192133
7	P. S. 018427 4-28-58 & cacres Elmer A. Staggs 6-16-58 Closed as to 602 5104 Classifile 1-15-54 Closed
_	EZSW4 Branch OG12 10/19/50 trico Elect.Co.
	8 1 2 0
	E 2 SE4 E 160 021688 3/14/13 320 lose Circ Howlens 1
	11-25-55 Withhous
	Appared pat. amended 9-17-53 State of their
	(2) 2-6-6 (2) 32-6-6 2 (7)

GRANTEE Gruntor Desc. Date BK/Pg. Jose Luiz Montano U.S.A. 4/22/14 BLM. Sec. 25 WZNN4 Sec. 26 E2NE4 U.S.A 1/26/16 B.L.M. Juan Montano Sec. 25 SW4

EZSE4 " 26 E 25E4 Sec. 35 EZNE4 Jose L. Montano 7/23/15 60/500 Juan Montano Sec. 25 WZNW4 Sec. 26 EZNE4 Juan Montano 10/7/16 62/528 Manuel Valdez Sec. 25 EZ SW4 35 EZNE4 Juan Montano 6/22/27 118/184
Sec. 25 WZ WZ
26 EZ EZ Frank R. Rendon Rendon $\begin{array}{rcl}
& 4/1/33 & 171/322 \\
\hline
Sec. 25 & <math>W^2 N W^4 & 1 \\
& W^2 S W^4 & 2 \\
\hline
26 & E^2 N E^4 & 4 \\
& E^2 S E^4 & 5
\end{array}$ Tortuga Cattle Co. 35 E2 SE 4(?) ok) Valdez etalliers) 3/14/33 171/320 Tortuga Net included Sec. 35 E-2 NE4 EZ 5W4 Sec. 25

Grantee Granfor Desc. Pate BK/Pa, Kendon 25 WZ NW4 , EZ NW4 NZ SW4 , EZ NW4 EZ NE42 WZ NE4 Tortuga 26 EZNEY, EZSE4 NI 35 NN4, WZNE4 NW45E4 Lot 1 NE4 5E4 EZ NE4 What happened to E 2510 4 25? Rendon N/I Tortuga 9/8/39 261/61

Same Sescrip.

recorded again de Autrement H. Rendon 10/1/43 260/637 25 WZNN4, EZNN4 WZ SW 4; WZNE4 EZNE4, NI 26 EZNE, EZSE4 35 NN4, WZNE4 NW4'SE4, Lot 1 NE4 SE4, EZNE4 De Autrement 11/30/45 300/239 Rancho Santa Elena 26 EZNE4 EZSE4 25 NW4, WZNE4 NM4 SE4, EZNE4 NE4 SE4, 3 25 E 25N4 W2NN4 included N2 SNA/EZNNA N2NE4 EZNEA but not oursed est this time SE4 ___ Michaele Valder

Granfor Desc. Data BK/Pg. Grante Rancho Santa Elena Shirt Robinson Carr Locke & 3/11/46 316/3 Rancho Santa Elena Elena V. (w) Included ? 25 E SN4, EZNN4 NZ NN 4, NZNE 4 NZ SN 4, EZNE 4 26 EZNE4, EZSE4 35 NW4, WZNE4 NN 9 SE 4, NEASE 4 EZNEY, Lot 1 Rancho Santa El Locke 5/1/50 Docket 253/114 26 EZNEA EZSEA 25 W2 NW 4 W25W4 NI EZNN4 35 NW4, 102 NC-4 WZNE4 EZNE4 NW9 SE4 NEASE EZNEA, Lot 1 1/15/51 Dock 335/579 John Kai & Mamie (w) Locke 25 All except E25W4 NW 4, N 2NE 4, NW 9564 26 ESES 35 NE9 SE9, EZNE4 Lot 1

Montgages

Docket Rancho Elena Inc. 1/15/51 325/528 Kai. EZSW4 Sec. 25 Kai 11/5/51 398/309 John Donaldson All Sec. 25 26 EZEZ 35 NN4, WZNE4 NN 4 SE4, NE 5E4 EZNE 4 Lot 1 Manuel Valdez 12/8/42 25/382 Felix Valdez E 2514 Sec. 25 No exceptions Felix Valdez 3/25/46 301/132 de Antremont husband of Helen E 25w 4 Sec. 25-14-10

Otto

30 0 W2NW4 3 W2W2 Parcel N2 N2

3 E2 5W4

@ EZ NE4 Z EZ EZ @ EZ SE4

6 E2+NE4 alsoisN2E2E2 Sec. 35

@ NW4

Dec. 25-145/0E

Sec. 26

3 Ketch

180 botage Lay 70, 610

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. \ Chonologic	cal Chain of	F Title				
GRANTON	Grantee	Property Descrip	DATE	-	BK P	19.
U.S.A.	Jose Luiz Montaño	Sec. 25 TIAS NOW & NW 4 PONUL (1)		4/22/14 To	Truct Book 6.4.14.	Jay.
4.S.A.	Juan Montaño	Sec, 25 SW4 & Q & & & & & & & & & & & & & & & & &	3) 1/26/16	9//5	*	3115,25
JOSE Lune Montano	Juan Montaño	Sec. 25 W 2 NW 4 0	7/2	7/23/15 60		100
Juga Montaño	Manuel Valdez	Sec, 25 E 2 SW4 (3) 35 E 2 NE4 (6)	10/2	10/7/16 62		828
Juan Montaño	Frank R. Rendon	Sec, 25 other proporty 0 & 0	e val	6/22/27 118	- 100	184
Manuel Valdez Frank R. Rendon	Tortuga Cattle Co.	Sec. 35 other peop hat. (6) (parent)	(1)	3/4/33 171		320
Fortuga Cattle Co.	Frank R. Kendon		8/6	9/8/39 227	-	691
Fortuga Cattle Co	Frank R Rendon	Sec. 35 Secription as above		9/8/39 261		19
Frank R. Kendon	Frank R. Kendon Hubert H. de Hutrement	Sec. 25 other prop. Incl. 1, 2, 5, 5, 5, 5, 5, 6, 5,		10/1/43 260	0	637
Hubert H. de Astronont gwife Helen	Jera nc.	Sec. 25 (Voke parce) 1,2,3 Sec. 25 (Noke parce) 4,3,3 Sec. 35 (3 mc) butnot	11/3	11/30/45 300		539
Manuel Valdez	Felix Valdez	Sec. 25 Towned by de Amending	1	12/8/42 251		388

"Estranton	Grantee	Prop Desc.	Dake	SK. Pg.	is
No record of Gancho Santa to Chena In San Can Lack		1 1/1			
Robinson Carr Locke & wife Elena V.	Rancho Santa Eleva	Sec. 25 1,2,3 (how ?on 3) 26. 25 4,5 (how ?on 3)	3/11/46 316		W
Felix Valdez \$ wife	Hubert H. de Hatrement	Sec. 25 3	3/25/46 301 132	30/	22
Rencho Santa Elena Inc.	Robinson Corn Locke & wife Elena V.	Sec. 25 1, 2, (3 omitted) 5/1/50 26 4, 5 35 6	2/1/20	70cKet 253	4
Robinson Com locke	John Kai quite	Sec. 25 1,2 (percel 3 specifiedly 1/15/51) 26 4,5 mentioned as being 25 6	1/15/51	72cket 335 529	625
Rancho Santa Elena Inc.	John Kai. & wife Manie	Sec. 25 3. Note no necessal of de Autrement	1/15/51	Docket 325 528	128
John Kaif wife Yamie Janet Donaldson	John Dansldson Sec. 2 John Dansldson Acscribed Sole Janet John Dansldson described	ena except as entered on Book 3 son other Son 1, 2, 3 Son to property as 25 1, 2, 3 26 4, 5 35 6	1/5/5, 398 309 1/5/5, 398 309 1/5/5, 398 310	3 50 50 50 50 50 50 50 50 50 50 50 50 50	1000

GRANTON DESCRIP. DATE BK. Denaldson, John 1 Kai, John & Wife 37000 10/2/51 398/ " Janet Denaldson 10/2/51 398/ " Joe L. Goff Wag 30 3/19/52 443/5 Denaldson, Janet N/I	309 0
" Janet Donaldson 10/2/51 398/ " 2 Joe L. Goffe 199 = 30 3/19/52 443/5 Donaldson, Janet MH.	340 0
" 2 Joe L. Goffe 199 & 30 3/19/52 443/5 Donaldson, Janet NHT.	25V
" 2 Joe L. Gotte 199230 3/19/52 443/5 Denaldson, Janet 1/45 RIE N/I	250
	82
3 Stella Lou Barmon No Int. 1/5/50 706/5	
Goff, Joe L. 2 Goo. W. Pusch &M. 29\$30 9/8/50 281/3	3/
Kai John U-S.A. N/I 541/28	
Contare Farm John Kai & Hamie Seedeed 8/11/47 25/100	D
N/I	
John Kai Rancho Santa 25/14/10 1/15/51 335/5 Elena Inc. 5ee /52	
Locke, R.C. Mary E. Strahl "1/2/49 201/50	27
29/585. tormerly Humphries 311/2 223/3. 24/5.	61
128/339 260/637 6/19/42 ZAC/215 253/11	
254/499	=
Transfered 501/136 #11/16 200/17	
300 239 161/424 300 239	
300/279	N

Together with all & singular the tenements herediments ? appartuances thereunte belonging on in anywise apportaining & and wents, issues and profits thereof and also all the estate property & possession claim & demand whatsoever as well as in low as in againg of party of the first part of or to the Said premises and every part and parcel through with appointmensics.

(2)

GRANTOR . GRANTER DES, Date BK Pg. Juan Montano 17/23/85 60/500 EZNET 26 WZNNY 25 Jose Luiz Hontaño Juan Montaño Manuel Valdez Landin Sec. 35 10/7/16 62/528
EZ SW 4 25 145 RIOE FRANK R Reydon 6/22/27 118/184

(Rendon?) 6/22/27 118/184

W2102 25
E= E2 26 Juan Montano CARANTOR Book #8 FRANK R Kenden 4/1/33 171/322 Tortuga Cattle Co. W2NW4 Sec. 257 N 25N4 E 2 NE 42 Sec. 26 T 145 RIOE E 2 SE 45 E2 SE4 Ser 35) Manuel Valdez Tortuga Cottle Co 3/14/33 171/320 awidoner Manuela Valdez Martinez

Marjavita Valdez

Eugenio Valdez

Felix Valdez

Aurelia Valdez de Finibres EZNE4 35 T145 RIOE Sole surviving heirs at law of Sum Valdez deceased NEA, EZNOA 4/11/24 177/606 Lots 1, 2, 3 Sec. 35, 145, 10E, NWA, WINEA, NWASEA Sec35 Concha Lopez. W. R. Martin C. A. Martin (w) (3) 640 acres

(F)

Georgia S. Scott (Sec.) being directors in of disposal of Tortuga disolved 6/1945 & hender ! Rendon Pres. 0+ Tostuga Land es desembed because of detective inst; of record to Rendon Eluit Clain deed 260/379 Tortuga Catte Co Sec. 35 TIAS KIDIE NEG SEG ESNEG + 2217 m on to +JS bMN Includes other lands NING MINER reservations at record +352J FINEG Subject to any restadions ENEG SE TIGRIDE +3NZM This conveyence is made EINNY 3017 SPIL SX + MS ZM MINIMA Tortuga Cattle FRANK R. Rendon 691/122 68/8/6 P8/62/4 SE S + 38 + MN 3012 571 Hubert H. ctc. CE 1 2 3 (5) ch Martin (60. (2) 23 1001 Peroragelforth & 62 NWA 7 Sec. 34 W.R. HONTIN 1-10hes Consolur C +3N BL1/661 GRantee Desc, Date 131C/14. rafuelle

Granfor Date BK/19. Grantee Desc. Rendon prop as ame desc. onpg. as before 4 # 2 Tortuga 9/8/39 261/61 subject to same restrictions as before 5.10. Fletchen No interest 8/30/43 259/5 Kendon Jose del Castillo NG 2/1/44 263/534 Rendon Juana Rendon (w) HG 10/11/45 288/365 34/573 Kendon

The Locke Ranch, Formarly Known us Randa Santa Eleny" 335/539 Most phisquel lonosist to for His oslA trom 60.0255,284 Between Kai Mortgage & 185/588 18/51/1 · 01 p1 55 . 700 467 43N-3 +38+3N NEST WENER NWASEL ECSING 145/10E other properties med. 911 of 25 except EZEZ Sec. ZE Robinson Carr, & Elena V 1/15/51 325/529 John Ka; & (2) other properties Ranch. Souta Elena Inc. ilisisi 335/828 John Kai John Venuldson sole Leachts. Renaldson door prop. 398/310
Bluit Clair, to above 11/5/51 1 to7 + 2N 20 435+3N 435+MN FIELD SPIT. NING WENEGESE, SE, 35 25 " to 11A E1/2 E2 Sec. 26 -John Donoldson (sole) John Kai & (w) All 18/51 608/868 strante The 1000 ratures 9

Grantor (7) Desc. Date BK/R. Granke R.C. Lock & Kancho Santa Elera The. 5/1/50 253/114 NN4, N2NE4 W2NN4, N2NE4 Sec. NN4SE4 Lot, N2SN4, EZNE4 ZS NE4SE4 EZNW4 EZNE4 Sec. 35 EZNE4, EZSE4 26 Other lands Ind. 3/11/46 316/03 Lockes Sanfa Elena EZ SE4 526, 14, EZSW4(?) 25 14 10 W= NN 4. -Z 11 11 11 NN4, WZNE4 W25W4 NW45E4 Lot1 EZNW4 WZNE4 NE4 SE4 EZNE4 EZNE4 35,14,10 grove all patented 10/13/45 288/470 Decree of Divorce Frank Kendon Vs. Juana Kendon Any property not mentioned retained by Frank Rendon Prop. of Interest not included Hubert It. Le Actrement Kendon 10/1/43 260/637 NºNN4 EZNW4 Subject to following W25W4 WZNE4 EZNE4) reservations certain hortageges & all taxes 25-14-10 EZNE4 26-14-10 EZSE4 NN4, NZNE4, NN4 SE4 Lot 1, NEASEA & NEA
35-14-10
and other proporties le(8)

Granfor Desc. Date Book Pa, Grantee Hubert H& Helen 11/30/45 300/239 Kancho Santa Congdon de Autremost Elera Inc. EZNET 26-19-10 EZ SWF Sec. 25-14-10 WZ NW4 NW9, 102NE4 NZSW4 NW4 SE4 35-14-10 EZNW4 NE45E4 NZNE4 EZNEA EZNE4 SE4

Sper Dec 76 Sec 35 Se: 36

E'/2 of E'/2 Sec. 26 T145, RIOE N'/2 of E'/2 of E'/2 Sec. 35 W/2 of W/2 & E/2 of 5W/4 of NW /4 Sec. 36, TI45, RIOE Hd Act. Dec. 26 HE'14 Entry # 06300 6/17/09 Jose Losus Garia, Tueson Rejected June 17, 1909 Sec. 28 E 25E4; Sec 24 W2 SW4 Entry # 021688 Sec. 25 W2 NW4, & E 2 NE 4 Entry # 021688 E. Hd. F.C. Act. Oct. 27, 1913 Jose Luiz Hontano / Sec. 26 Patented April 12 1914 # 400040 Sec. 26
E/2 SE 1/4 Entry # 026550 320 ac.

San. 19, 1915 Patented # 509782 E Hd. Juan Montano Sec. 25 Sw/4 Sec. 35 E/2 NE4

what IS DT, O.R. SRHO

Property Grantee GRENTOR Oct. 2,51 398/309 Departson John John Kai Ewike whenet wand door Mar. 19'52 443/525 Joel. Goff D Vonald son Sec. 29,30 T145 R11E Donaldson , Sanet Apr. 5 54 706/582 Stella Lou Bauman Joe R. & lela Alberta 5. D. Goff & Wife Sunc 2'30 182/99

1 1 1 Thos. N. Wills & wife Sept. 6 34 180/71 Goff Golf John C. Leonard & wife Nov. 15'51 414/34 OKai. John owife Farms & Ranches The, " " 414/37 Farms & Rauches Ihe, "" " 19 1 38

" " Dec, 21'51 414/38

" " Jan. 30'52 426/377

Louis Garcia Mar. 21'52 444/
Mary H. Dorntge Feb. 25'52 439/327

Catherine E. Drescall Mar. 27'52 446/389

U. S. A. Nov. 10'52 541/280

Cortaro Farms Co. July 6'49 689/, Geo. W. Pusch &w. Sept. 8'50 /331 Woe L. Goff

AREA 5W4 25 EZNE4 35	NAME JUG	h Montano	27nd. Tueson
1.LESSOR 7/40, 210E		CHECK NO	4. ACREAGE 320.00
			Years. Royalty
t-		Rental/ac./_	,Payable
2.MINERAL RESERVATION Surface Owner 7.ADDRESS	FEE D Simple		sors Collectors te Rec'd. Bk-Pg
		8.T.I. ARB. NO.	
9.COUNTYProperty Description	Act. of	- 2/19/09 09782 1	-26-16

s.b.b. & m.

WORK SHEET NO.__

FORM 366LA6

Sec.___

	/ or deletions to lease initialed by ALL PARTIES to the If married man, wife must sign also. If married woman, ssible.
DIRECTIONS	
BANK AND LOCATION	
REMARKS (Recent Transfers, Min	neral Reservations, Trust Deeds Etc.):
FLASH REPORT	E.WEEKLY LEASE REPORT

10. FOR LEASEMEN ONLY

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

Montano
Montano
4. ACREAGE 320
INTEREST
Years. Royalty
d For Period Of
Payable
ssors Collectors
ate Rec'd. Bk-Pg
22/14
WORK SHEET NO

	ase. Show marital stat ve husband sign also i		man, wife must sign a	lso. If married woma	n,
A.DIRE	CTIONS				_
B.BANK	AND LOCATION				_
	RKS (Recent Transfers	, Mineral Reser	vations, Trust Deeds	Etc.):	_
D.FLASI	H REPORT		E.WEEKLY LEASE REF	PORT	-

10. FOR LEASEMEN ONLY

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

AREA NW4, W-NE4 NW4 SE4 Sec. 35	NAME C	Box 9 Tueso	
T145 R101	6	Dox & Tucso	, A
1.LESSOR		3. CONSIDERATION	4. ACREAGE
		CHECK NO.	INTEREST
		5.LEASE TERMS	
		Primary Term	Years. Royalty
		Consideration Paid	For Period Of
		Rental/ac./_	,Payable
2.MINERAL RESERVATION	FEE	6.TITLE INFORMATION Title Co. Asses	sors Collectors
Surface Owner		Inst. NoDa	te Rec'd. Bk-Pg
		8.T.I. ARB. NO.	
9.COUNTY_			
Property Description	11		
	04/1	Heral Reser	vations to U.S.
OK A	ct. Hd	12-29-16	39 Statute 8621
		027612	
			7/12/2/
Chen Ct. House	4/12/29	137/254	
		7 1	
SecRge	s.b.b. & m. m.d.b. & m.		WORK SHEET NO

FORM 366LA6

lease. Show marital statu	as & / or deletions to lease initialed by ALL PARTIES to the us. If married man, wife must sign also. If married woman	
have husband sign also if	possible.	
A.DIRECTIONS		_
-		_
		-0
B.BANK AND LOCATION		
		_
C.REMARKS (Recent Transfers,	Mineral Reservations, Trust Deeds Etc.):	Δ,
		_
D.FLASH REPORT	E.WEEKLY LEASE REPORT	_

10. FOR LEASEMEN ONLY

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

AREA W2NE4 Sec. 25 NAME Fra EZNWÁ TIAS RIOE	ank L. Young	
1.LESSOR	3. CONSIDERATION CHECK NO. 5.LEASE TERMS Primary Term Year Consideration Paid For Rental /ac./	r Period Of
2.MINERAL RESERVATION FEE Surface Owner 7.ADDRESS	6.TITLE INFORMATION Title Co. Assessors Collectors Inst. No. Date Rec'd. Bk-Pg	
9.COUNTY_Property Description Act. 12/2 OSR Pat. # 109946		8

s.b.b. & m.

m.d.b. & m.

WORK SHEET NO._

FORM 366LA6

lease. Show mar	, additions & / or dele ital status. If married gn also if possible.			
A.DIRECTIONS				
B.BANK AND LOCATION				
C.REMARKS (Recent	Transfers, Mineral Rese	ervations, Trust	Deeds Etc.):	
O.FLASH REPORT		E.WEEKLY LE	ASE REPORT	

	1027 E. 6th St. Tueson
1.LESSOR	3. CONSIDERATION 4. ACREAGE CHECK NO INTEREST 5.LEASE TERMS Primary Term Years. Royalty Consideration Paid For Period Of Rental/ac./, Payable
2.MINERAL RESERVATION FEE Surface Owner 7.ADDRESS	6.TITLE INFORMATION Title Co. Assessors Collectors Inst. No. Date Rec'd. Bk-Pg
9.COUNTYProperty Description	8.T.I. ARB. NO.
Public Sale 15t. Provi pat. # 11 2/s Mineral Rights 90	192133

WORK SHEET NO._

FORM 366LA6

have husband sign also if pos	sible.
DIRECTIONS	
BANK AND LOCATION	
REMARKS (Recent Transfers, Mine	meral Reservations, Trust Deeds Etc.):

10. FOR LEASEMEN ONLY

AREA 5E4 Sec. 25 NAME M/2	argarita Tria	5
1.LESSOR	3. CONSIDERATION	4. ACREAGE 320. 3
	5. LEASE TERMS Primary TermYe Consideration Paid F	ears. Royalty
2.MINERAL RESERVATION FEE Surface Owner		Rec'd. Bk-Pg
	8.T.I. ARB. NO.	
9.COUNTY		
pat. #	870917 7	6-22

s.b.b. & m.

m.d.b. & m.

WORK SHEET NO.__

FORM 366LA6

Sec._____Twp.____Rge._

.DIRECTIONS	
99	
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REMARKS (Recent Transfers, Mi	neral Reservations, Trust Deeds Etc.):
.FLASH REPORT	E.WEEKLY LEASE REPORT

Have all riders, additions & / or deletions to lease initialed by ALL PARTIES to the lease. Show marital status. If married man, wife must sign also. If married woman,

10. FOR LEASEMEN ONLY

have husband sign also if possible.

AREA EZNET Sec. 25 NAME Toda	M. Densmore	
1.LESSOR	43 N.43 ad. Ave. To	
		CREAGE
	5.LEASE TERMS Primary TermYears.	Royalty
	Consideration Paid For Pe	
2.MINERAL RESERVATION FEE Surface Owner 7.ADDRESS	6.TITLE INFORMATION Title Co. Assessors Inst. No. Date	Collectors Rec'd. Bk-Pg
	O. W. T. ADD. MO	
	8.T.I. ARB. NO.	
9.COUNTYProperty Description		
Act. 12-2 # 1075676		· ·

s.b.b. & m.

m.d.b. & m.

WORK SHEET NO._

FORM 366LA6

Sec.____

DIRECTIONS	
BANK AND LOCATION	
.REMARKS (Recent Transfers, Mine	eral Reservations, Trust Deeds Etc.):
	E.WEEKLY LEASE REPORT

AREA Lot 1 NE'/4 SE'/4 Sec 35 NAME GU	5 R. Varela 117 E Alameda St. Tucson
1.LESSOR	3. CONSIDERATION 4. ACREAGE CHECK NO INTEREST 5.LEASE TERMS Primary Term Years. Royalty Consideration Paid For Period Of Rental /ac./, Payable
2.MINERAL RESERVATION FEE Surface Owner 7.ADDRESS	6.TITLE INFORMATION Title Co. Assessors Collectors Inst. No. Date Rec'd. Bk-Pg 8.T.I. ARB. NO.
	2/19/09 03126 9-2-19

Sec._____Twp.____Rge.____s.b.b. & m.
m.d.b. & m.

WORK SHEET NO.____

	& / or deletions to lease initialed by ALL PARTIES to the If married man, wife must sign also. If married woman,
have husband sign also if p	
.DIRECTIONS	
BANK AND LOCATION	
REMARKS (Becent Transfers M	ineral Reservations, Trust Deeds Etc.):
. Tecent Transfers, m.	ineral Reservations, Trust Beeds Etc. /.
	•
.FLASH REPORT	E.WEEKLY LEASE REPORT

AREA WZNWA 5, 6, 7, 8, 9 } Sec 34 NAME 5 Lots 2, 3, 4 N25W4 Sec. 35 NAME 5	tate of ARIZ.
1.LESSOR	3. ACREAGE
	CHECK NO INTEREST 5.LEASE TERMS Primary Term Years. Royalty
	Consideration Paid For Period Of
	Rental,Payable
2.MINERAL RESERVATION FEE	6.TITLE INFORMATION Title Co. Assessors Collectors
Surface Owner	Inst. No. Date Rec'd. Bk-Pg
	8.T.I. ARB. NO.
Sec. 36 Minerals All Sec. 35 Sec. 34	State " "
Sec. Twp. 145 Rge. 10E s.b.b. & m	WORK SHEET NO

FORM 366LA6

DIRECTIONS					
BANK AND LOCATION					
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REMARKS (Recent T	cansfers, Mineral	Reservations,	Trust Deeds Etc	.):	

10. FOR LEASEMEN ONLY

HEINRICHS GEOEXPLORATION COMPANY MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS TUCSON, ARIZONA PHONE: MAIN 2-4202 WALTER E. HEINRICHS, JR. 806-838 WEST GRANT ROAD E. GROVER HEINRICHS MAIL: P. O. BOX 5671 March 18, 1959 Mr. R. B. Fulton Vice President Newmont Exploration Limited 300 Park Avenue New York 22, New York Dear Mr. Fulton: We acknowledge receipt of your letter of March 9, 1959 and the attached copy of memorandum from Mr. Grunow of your legal department, dated March 6, 1959. The wordeng suggested by Mr. Grunow for the consideration of Minerals Exploration Company to satisfy the intent and desire of paragraph (1) of your 13 February 1959 letter agreement with us, has been forewarded to Mr. Rubel, President of Mexco, and I see no reason why we should not receive his affirmative response within a reasonable time. Accordingly we are proceeding directly with the mineral and surface ownership investigation of the lands described in detail in your letter. Initially it would seem that four days allotted for this work would be sufficient. If after we get further into the matter, it appears that additional work might be warranted, we will consult with you before proceeding beyond the allotted four days. In any event a summary report of the results will be submitted. Your suggested compensation for the above services at the rate of \$10.00 per hour is satisfactory. Very truly yours, HEINRICHS GEOEXPLORATION COMPANY BY: Walter E. Heinrichs, Jr. President & General Manager weh/jh

HEINRICHS GEOEXPLORATION COMPANY MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS TUCSON, ARIZONA PHONE: MAIN 2-4202 WALTER E. HEINRICHS, JR. 806-838 WEST GRANT ROAD E. GROVER HEINRICHS MAIL: P. O. BOX 5671 March 3, 1959 Newmont Exploration Limited 300 Park Avenue New York 22, New York Mr. R. B. Fulton. Vice President Mr. Robert J. Searls Gentlemen: Returned herewith is executed copy of your letter agreement with us, dated 13 February 1959. Also, as evidence of our authority to deal with third parties. enclosed, are copies of agreement between Geoex. and Minerals and a " To Whom it may Concern letter" dated 24 February 1959, and signed by Mr. A. C. Rubel, President of Minerals. The "functions and services" referred to in the latter are enumerated in the agreement between Geoex and Minerals. Otherwise, Minerals property interests have all been abandoned, including those in the Roskruge district, and sign off letters related to permits and agreements in this area are on file in this office. Although this does not exactly fit the wording of your paragraph 1, we trust this evidence will satisfactorily suffice, or that you will accordingly advise us to the contrary. We will await your word as to further action contemplated. Very truly yours. HEINRICHS GEOEXPLORATION COMPANY Walter E. Heinrichs, Jr. President & General Manager weh/jh Encl: 3 bcc: Victor H. Verity

HEINRICHS GEOEXPLORATION COMPANY MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS TUCSON, ARIZONA PHONE: MAIN 2-4202 WALTER E. HEINRICHS, JR. 806-808 WEST GRANT ROAD E. GROVER HEINRICHS MAIL: P. O. BOX 5671 January 29, 1959 Mr. Robert J. Searls Newmont Mining Co. 300 Park Avenue New York 22, N.Y. Dear Bob: It was a pleasure meeting you for the first time in New York three weeks ago, and I certainly appreciate your taking the time to "shoot the bull". In response to your interest in a certain magnetic anomaly referred to in our discussion at your office, I have enclosed some data and also a brief history of the property involved. The area known to us as the R.D. area is about twenty airline miles west from Tucson, Arizona, in Pima County. (See map 1). It was first brought to the attention of Mexco (Minerals Exploration Company) by three partners who were the original locators of two claim groups. (See map 2). Mexco investigated the area commencing in August, 1956, with a field investigation by the company geologist and ending in June, 1957, upon completion of a drilling program. In December, 1957, Mexco excersised its option under the terms of the Lease and Option Agreement to terminate said Lease and Option. The area is largely alluvial covered. Outcrops include metamorphosed limestone and shales and a grey felsitic rock. Surface minerals include occasional oxidized coppers, limonite in quartz, some magnetite, abundant epidote and skarn minerals. Some underground workings and the drill holes have

Mr. Robert J. Searls page 2. January 29, 1959 yielded pyrite, galena, scattered copper sulfides, wulfenite, vanadinite (?) and pyromorphite. Due to a magnetic anomaly and magnetite and chalcopyrite float found by the original locators, the area was first traversed by Mexco with the mobile magnetometer (MoMag). Two strikingly anomalous areas were located, both trending NW-SE and somewhat parallel. The more northerly one, ("A", see map 2), was believed to be relatively deep, so further work was concentrated on the other ("B", see map 2), near the area of the mineralized float. A program of land negotiation and claim staking was embarked on to secure a favorable land position. Mexco then commenced a detailed geological and geophysical program the results of which indicated an area of sufficient interest to warrant a drilling program. Five holes were diamond drilled, varying in depth from 120 feet to 222 feet. Interesting and encouraging core was recovered at some intervals, but the the overall picture was not economic. Sufficient evidence was obtained from the drill holes to account for the anomalous features detected by the several geophysical methods used. No work other than with the MoMag was done over the larger and deeper anomaly "A". This anomaly is 1200 gammas, plus or minus, over the surrounding areas and on the order of one and one half miles in length. (See map 2). The area was deemed of interest, but because of depth considerations it was given no further attention at that time. The basis on which we might get together in a cooperative effort along the lines discussed in your office is tentatively laid out below. First, negotiate a lease and option agreement between Newmont and Heinrichs Geoexploration Company (Geoex), with the following assumptions: 1. Geoex gets a royalty of 5% on the described property as pay-HEINRICHS GEOEXPLORATION COMPANY

Mr. Robert J. Searls January 29, 1959 page 3. ment for the information furnished to Newmont. 2. Newmont agrees to contract the exploration phase to Geoex, on the following basis: Surveying Geologic mapping 125.00/day Self potential 125.00/day Electro-magnetics 250.00/day Legal work including land negotiation, court house, etc. ... 10.00/hour plus option payments, etc. at cost ... 450.00/day Drilling supervision and correlation ... 100.00/ man day The above includes all drafting time in connection with each survey but does not include the blueprinting, photostating, and miscellaneous supplies which would be an additional charge at cost. 3. Work conducted by Geoex using Newmont equipment (I.P. gear) would be at cost plus 10%, the cost being defined as "out of pocket expense". This is meant to be as follows: a. Vehicular expense (liason vehicle), gas, oil, lubrication plus a normal rental fee. b. Personnel expense, salaries, travel allowance (if camping or moving). It is recommended that the following procedures be followed after the signing of the Lease and Option Agreement: 1. A land study be initiated to determine the present land situation. Negotiate with the groups involved, to secure a favorable land position. 2. Map the geology. This would actually be rather limited as alluvium covers most of the area. 3. Carry out geophysical surveys. 4. Sub contract, supervise, and interpret drill program as indicated. I hope that this has presented my thinking on the subject and that the accompanying data will stimulate your interest. Walt and Jean plan to be in San Francisco for the A.I.M.E. convention, so it is possible that further discussion might arise there with them. Of course, if your schedule allows, you might stop in here at the office in Tucson on your way to or from San Francisco and look over our complete file on the R.D. area. Regards. egh/jh Enclosure: 2 Maps E. Grover Heinrichs HEINRICHS GEOEXPLORATION COMPANY

HEINRICHS GEOEXPLORATION COMPANY

MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

WALTER E. HEINRICHS, JA. E. GROVER HEINRICHS PHONE: MAIN 2-4202 806-808 WEST GRANT ROAD MAIL: P. O. BOX 5671

May 12, 1960

STATEMENT

To: Cyprus Mines Corp. 1206 Pacific Mutual Building Los Angeles 14, California

Attn: Mr. W. J. Rundle

Re: Land Study, Roskruge District, Pima County, Arizona April 1960

Services:----\$40.00

TOTAL----\$40.00

HEINRICHS GEOEXPLORATION COMPANY

MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

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HEINRICHS GEOEXPLORATION COMPANY

MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

WALTER E. HEINRICHS, JR. E. GROVER HEINRICHS

April 24, 1960

PHONE: MAIN 2-4202 BOG-BOS WEST GRANT ROAD MAIL: P. O. BOX 5671

MEMORANDUM TO W. J. RUNDLE

The following data concerning T14S, R10E, Pima County, Arizona was obtained from the Bureau of Land Management in Phoenix on April 22, 1960.

Withdrawn from mineral entry N2 SE2	Section	24
Withdrawn from mineral entry W2 W2 E2	Section	26
Homestead entry, 021688 Ez SEz, Wz SWz Date - March 14, 1913 Jose Luiz Montano (Patent)(includes mineral rights	Section	24
E½ SW½ Electric Transmission Line Right of Way	Section	24
Public sale Wa SEL Elmer Staggs (sp?)	Section	24
Public sale Et SW Ben Shein ineral rights)	Section	24
Homestead entry SW January 19, 1915 (?)	Section	25
Homestead entry SE% February 5, 1920	Section	25
Final certificate issued on E½ NE% on October 5, 1934	Section	25
Only surface rights W2 NE2, E2 NW2, final certificate issued on April 5, 1938	Section	25
Homestead entry NE% rejected June 17, 1909	Section	26
Homestead entry E2 NE2 March 14, 1913	Section	26
Homestead entry Et SEt January (?) 1915 (includes mineral rights)	Section	26

(continued)

Homestead entry E2 SE2 November 27, 1909 <pre>cancelled on March 7, 1916. See Section 2</pre> Township 15 South, Range 10 East, Pima			
County, Arizona	Section	35	
Homestead entry E2 NE2 January 19, 1915 Juan Montano, Patent on January 26, 1916 Includes mineral rights	Section	35	
Final certificate issued on April 5, 1919 Lot 1, NE% SE%	Section	35	

E. Grover Heinrichs

HEINRICHS GEOEXPLORATION CO.

EGH: jh

May 12, 1960

STATEMENT

To: Cyprus Mines Corp.
1206 Pacific Mutual Building
Los Angeles 14, California

Attn: Mr. W. J. Rundle

Re: Land Study, Roskruge District, Pima County, Arizona April 1960

Services:----\$40.00

TOTAL----\$40.00

3/28/60; 820 A.M. Bob Fulton called by E.G.H. He stated Newmont interested in Rundle of Cyprus negotiating with Donaldson.

			-
To Wall	-		
Date 3/24	16	1 Time /2 /	PH.
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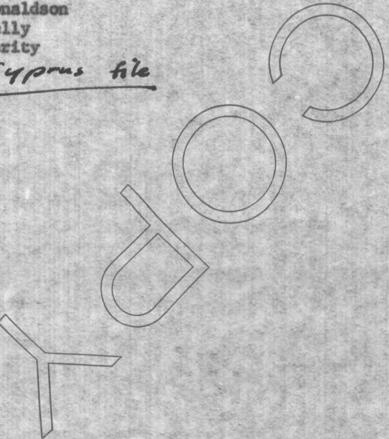
3/24/60 Bill Rundle, Cyprus Robinde Donaldson 1 st. - contact Ist of next week. date for conferme. Sliking seale royaltes terminal frice \$3004 150,000 at 250,000 out of rayelty. 480 aurs. # 480 000 here (tep developet auragefrice?) Bob Fulton draft agreement. Our agreement of Novmont.

Page 2 - Mr. mundle - Oct. 11, 1960 these claims, but of course this should be verified with Mr. Donaldson. The enclosed map is for your file and information. If you have any questions please let me know. Very truly yours,

> E. Grover Heinrichs, Vice-Pres. Heinrichs Geoexploration Co.

EGH: cp

cc: Donaldson Kelly Verity Cyprus



August 26, 1960 Mr. Victor H. Verity 2207 E. Waverly Tucson, Arizona Re: Roskruge Project Pima County, Arizona Dear Vic: Enclosed are verifax copies of the following recorded claims for your file. Date Recorded Book Page Location Claim Name Lode: 1960 1654 173 August 11, Sec. 25, Kwen Lun 9 174 1654 T 14 S. Kwen Lun 10 11 1654 175 R 10 E. Kwen Lun 11 28 W 1654 176 11 Kwen Lun 12 tr. 11 II. 177 1654 15 Kwen Lun 13 31 1654 178 Kwen Lun 14 Placer: 179 1960 1654 August 11, Sec. 25, Rex 9 180 1654 T 14 S, Rex 10 13 ൝ 1654 181 R 10 E. Rex 11 182 1654 12 Rex 12 11 183 1654 11 Rex 13 TT TE 1654 184 Rex 14 I am holding the original recorded notices, as well as the quit claim deed assigning the claims, until I receive word from Mr. Kelly as to what he wants done. Mr. Donaldson has phoned us and as per his instructions we are not recording the following claims until he gives us the word. Rex (Placer) 1 through 8 - located July 25, 1960 Rex (Placer) 15 through 24 - located August 3, 1960 All in the East 1/2 of Section 25, T 14 S, R 10 E. Very truly yours, E. Grover Heinrichs Vice-President Enc: Mr. J. Donaldson Mr. G. Kelly EGH/pr R-DFile

April 24, 1960

MEMORANDUM TO W. J. RUNDLE

The following data concerning T14S, R10E, Pima County, Arizona was obtained from the Bureau of Land Management in Phoenix on April 22, 1960.

Withdrawn from mineral entry N2 SE2	Section 24
Withdrawn from mineral entry W2 W2 E2	Section 26
Homestead entry, 021688 E½ SE½, W½ SW½ Date - March 14, 1913 Jose Luiz Montano (Patent)	Section 24
Et SWt Electric Transmission Line Right of Way	Section 24
Public sale W2 SE2 Elmer Staggs (sp?)	Section 24
Public sale Et SWt Ben Shein	Section 24
Homestead entry SW% January 19, 1915 (?)	Section 25
Homestead entry SE February 5, 1920	Section 25
Final certificate issued on Et NEt on October 5, 1934	Section 25
Only surface rights Why NEW, El NWW, final certificate issued on April 5, 1938	Section 25
Homestead entry NE & rejected June 17, 1909	Section 26
Homestead entry E2 NE% March 14, 1913	Section 26
Homestead entry E2 SE2 January (?) 1915	Section 26

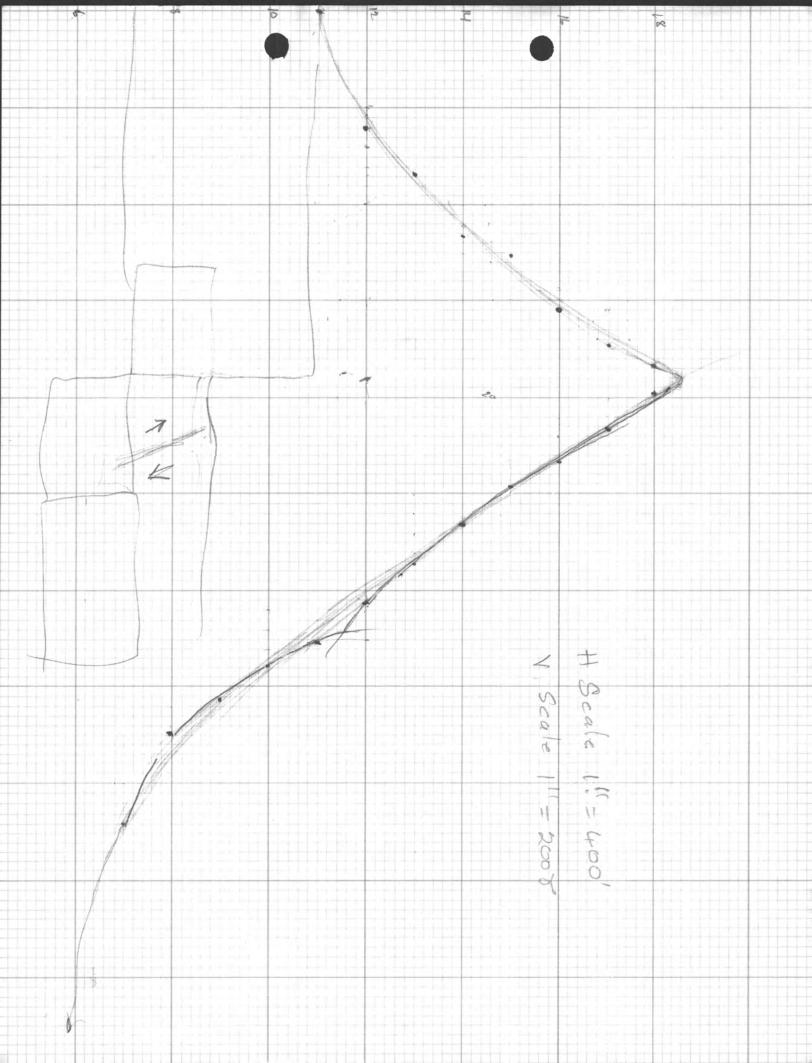
(continued)

April 24, 1960 - 2 -W. J. Rundle Homestead entry E2 SE2 November 27, 1909 cancelled on March 7, 1916. See Section 2 Township 15 South, Range 10 East, Pima Section 35 County, Arizona Homestead entry Et NEt January 19, 1915 Juan Montano, Patent on January 26, 1916 Section 35 Final certificate issued on April 5, 1919 Section 35 Lot 1, NEZ SEZ E. Grover Heinrichs HEINRICHS GEOEXPLORATION CO. EGH: jh

April 21, 1960 W. J. Rundle Cyprus Mines Corporation 1200 Pacific Mutual Building 523 West 6th Street Los Angeles, California File-Re: LAND STATUS, ROSKRUGE PROJECT ARIZONA Dear Mr. Rundle, Enclosed is a map showing the present land ownership status as revealed by our investigation of the Pima County Court House records, all in T14S, R10E, Pima County, Arizona. Section 36 was originally a state section as shown by the Bureau of Land Management records, however a certificate of purchase including both suface and mineral rights was issued by the State to Rancho Santa Elena. Donaldson later bought Rancho Santa Elena from a Mr. Kai. This information has been verified by a phone call to the State Land Department in Phoenix. The status of the E2 of NW2 of Sec. 25 was not part of the investigation for Newmont Exploration Ltd., however the surface is owned by Donaldson according to Court House records. The mineral status was not determined and to do so would require an investigation of the B.L.M. records in Phoenix. A search of the Pima County records show Donaldson as owner of the surface and mineral rights to the Et NEt of Sec. 35. The remaining part of the Sec. belongs to Donaldson as to surface but the mineral is still uncertain (except that portion of the Sec. which belongs both surface and mineral to the Stateas indicated on the map enclosed). We do happen to have a man going to the B.L.M. office tomorrow morning on other business and I have instructed him to check on the parcels of land where the mineral status is still in

W. J. Rundle April 21, 1960 -2question. We will have the necessary information awaiting you on your arrival. Very truly yours, E. Grover Heinrichs HEINRICHS GEOEXPLORATION COMPANY Enclosures EGH/gh

5 Jan Jonato Bankis Trust Co. S/30/60 Bill- Walt John Donaldson Tons Chardles. See 25-26 , 35,36. all 25 E/4 \$ 35 allof 36 fee 5 mines (?) Legelty on farminal frise or lump sum. 8832 Acres total. \$5000/6 mos. rental or good faith etc. 3 year of permit. fol Padilla Tuc Title mineral search. Sec 36 & 32 to east were agained from state w/o reservation of mileas Tays Donaldson. NW /4 Sec 36 = 240 12/28 NW/4 92 25 7 We say 'Londdson 5/2 NE/4 35 = 80 hez micral he says No. E/2 = 160 10/2 / 25 640 Acres Hostof Sec 25 + 36 (at sand price Tweerfy of our specement of Newmont to Russel the State,



Sany Showing los etc. The Solutions The Solutions of this Resource.

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1.LESSOR		3. CONSIDERATION	ACREAGE 180
JOHN DONALDSON (sole) Husband of Janet Donaldson		CHECK NO.	INTEREST
Surface & Mineral Rights to parcels 1 through 6 inlusive.		5.LEASE TERMS Primary Term	Years. Royalty
			Paid For Period Of
2.MINERAL RESERVATION FEE Surface Owner	G	Title Co. A	TION Collectors Date Rec d. Bk-Pg
5531 E. Fort Lowell		as indicate	ed on chain of title sheets
Tucson, Arisona		-	00 00 00000 00 0000 000000
Phone AXtel 8-2hk3		8.T.I. ARB. NO.	
W2 W2 Section 25, This, Rice, C E2 Seh 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ently owned becamer in white no record rom Felix Value of title should detail Govt. It is no record rom Felix Value of title should entry Autorian mentions	oh parcel 3 (E) 8 of how D'Autremor des ; the parcel eets). (Jose Luis Montar et of 2/19/09 wit s have been caref ioned.	Mi of Sec. 25,TlhS,RlOS.), nt transferred title of is included in later no, Juan Montano) th no reservations
PARCEL No.	25, Tlis,		
Sec. 25,26,35 Twp. 14 S. Rge. 10 E	rface and min	on map.	WORK SHEET NO. 1 of 2

	erital status. If		, wife must	sign also.	If married	woman,
.DIRECTIONS						
.BANK AND LOCATIO	N					
.REMARKS (Recent	Transfers, Mine	eral Reservat	ions, Trust	Deeds Etc.):	
				111		
.FLASH REPORT [E.WEEKLY LEA	SE REPORT		

Have all riders, additions & / or deletions to lease initialed by ALL PARTIES to the

10. FOR LEASEMEN ONLY

1.LESSOR STATE OF ARIZONA	3. CONSIDERATION 4. ACREAGE 640 (approx.) INTEREST			
(Surface & Mineral Rights) John Donaldson	5. LEASE TERMS Primary TermYears. Royalty			
2.MINERAL RESERVATION FEE Surface Owner_STATE OF ARIZONA 7.ADDRESS State Office Building Pheenix, Arizona	6.TITLE INFORMATION Title Co. Assessors Collectors Bureau of Land Mgmt. & State Land Dept. Inst. No. Date Rec. d. Bk-Pg Tract Books & Twp. Plats			
9. COUNTY Pima. Arizona	8.T.I. ARB. NO.			

ALL OF SECTION 36, T14S, R10E, GSRBM, ARIZONA
(This includes area requested, NW4 of above section.)

Area is at present classed as non-mineral by the State Land Dept. and is leased for grazing purposes to John Donaldson.

See sheet 1 for map and desription.

Sec. 36 Twp. 14 S Rge. 10E #/5/5//// GSRBM

WORK SHEET NO. 2 Of 2

Property Description

lease. Show mar	, additions & / or deletions to lease initialed by ALL PARTICIAL status. If married man, wife must sign also. If married gn also if possible.	
nace naceana co		9
A.DIRECTIONS		
.BANK AND LOCATION		
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.REMARKS (Recent	Transfers, Mineral Reservations, Trust Deeds Etc.):	
2		-
-		,
.FLASH REPORT	E.WEEKLY LEASE REPORT	

10. FOR LEASEMEN ONLY

11. INSTRUCTIONS FOR RE-WRITES OF LEASE &/OR CHECK, RIDERS, DELETIONS TO LEASE Etc.

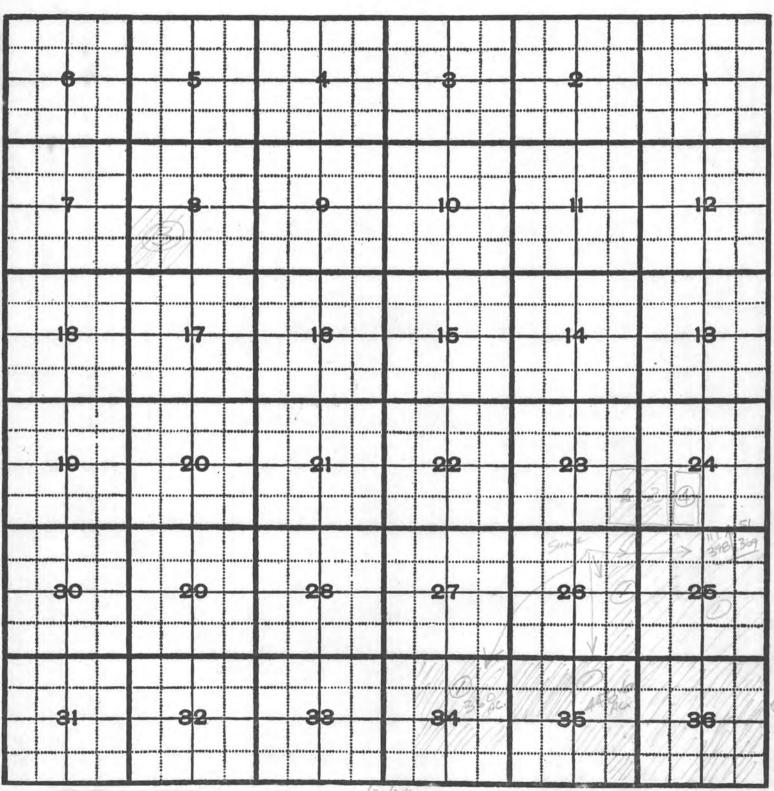
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Lot 9 ABSTRACTED		SCALE 1	" = 1000'	AREA		
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Route 4,	Bax	542	J Pas	state re	tained ,	ninerals
Tucso	n		hon	nested by	of told Be	in @

Rest of sec. 34 is Domaldson's homested but told Ben @ Fed Land off, in Phoenix that Fed Gov't retained Minerals **A-FORM 991**

Gereau Land management 233 A main Post office adams 15bl.

7 145 RIOE 4/20/60 1. See 36 Wesfaired School Sonald sins his. New /4 only imp. 2. Sec 15/2 / NW/ we day not doubleon, he says? is it spenfed? if so Stake 3. Sec 35 1 he own E/2 NE/4. Terfall & Mucal falone fed says Donalsons.
98/458/4 www. Suface.

Block Books #89



Robbes Oscar 13 & (3) Elisio BURRUEL D Donaldson (4) Ben Shein 2/18/59 BK 13.84/1 * DATE REMOVED

2) AKIZ Duilding Corp

orself servenera 3/14/16 See See 27155 RIDE. Pot of Sec KindotAct Entry ! Date of But, E/2584 Hd. E/2 HE4 E Hd. 026550 320 Juan Montano 1-26-16 Jan 19-15 ET SEY (See Sec 21 155 100 4/5/19 F.C. 18500) LOT I HE & SEG 030395

T145, R10E Withdrawn from Mineral centry Hz St 4 Sec 24. W & w & E & Sec 26 Sec 24 52 554 Sec 23 W2 3 W4 Dof E Man 14, 1913 Dose Luiz Montano 22/April 14 (pat) E 25w 4 Elec Trans line R/n 0612 10/19/50, Trico Blot (KotA) P.S., W 25E4 Elmer Stagss. E-25W4 P.S. Ben Skein 12/4/5-8 2/5-/5-9 Sea 25 E 25 E 4 Sec. 23, w 25w4 Sec 24 w 4W4 E.Hd 14/March/13 Sw4 EHL Juny 19/15 SE4 S.K. Hd 2/5/26 E/2HE4 10/5/34 F.C. 1550Ed ? w /2 NET EZHW 4 0.5. R. 10/3/32 F.C. 1550ed 4/5/38. SE NET 17/June 1909 resected? EZNE'4 14/11arch /13 EZSEZ Jany 19-15

GEOPHYSICAL REPORT

ROSKRUGE AREA

PIMA COUNTY, ARIZONA

OCTOBER-NOVEMBER, 1963

(NEW JERSEY ZINC-NEWMONT JOINT PROJECT)

W. Gordon Wieduwilt January 10, 1964

NEWMONT EXPLORATION LIMITED GEOPHYSICAL DEPARTMENT DANBURY, CONNECTICUT

Distribution:

R. K. Waring

W. H. Callahan

R. Radabaugh

D. C. Bulmer

R. B. Fulton (2)

Files (2)

Submitted by:

W. Gordon Wieduwilt

rom October 25 to November 23, 1963, detailed magnetic, gravity, and I.P. surveys (Figure 1) were made over a
pulse anomaly outlined by earlier work (March 18 to April 5
1963). The new survey indicated a major portion of the original
pulse anomaly to be non-existant. Minor pulse response was confirmed in section 35.

Subsequent studies to explain the occurrence of the pseudo anomaly indicated (1) an error in the fluxmeter constant which doubled the M values (see Appendix I); (2) pseudo anomalous effects from a power line whose common ground runs close to the infinite current C2, and where the magnitude of these effects appears greatest when distance from power line to C1 is small (see Appendix II).

MAGNETICS

An interpretation of the magnetic data indicates a southerly termination of the Cocoraque intrusive mass in the survey area. In Figure 2 the occurrence of contact metamorphic zones (h) and (h) along the margins of the intrusive is an extension of A. A. Brant's interpretation of the Cocoraque Butte magnetics dated February 6, 1963. A west dipping bed (C) is interpreted as volcanics, and a fault is postulated at the discontinuity between (B) and (C) extending east across the end of the contact metamorphic zone (A).

GRAVITY

The density contrast shown on gravity line 4 has been interpreted as a sharp dropoff of the intrusive to the east with a section of argillites underlying the alluvial cover east of the contact. See Figure 6A.

Gravity line 3 (Figure 11) begins near center of the contact zone (B) and runs skew to the SE off the nose of the intrusive. No clear-out residual anomaly is associated with the contact zone (B). The gradient of the gravity, however, indicates an increase in cover of 800' per mile to the SE. The SE contact of the intrusive lies 4000' east of outcrop at a calculated depth of 600'. This figure agrees with interpresed depths of 500' to 700' from the magnetics.

LULSE SURVEY

Two minor pulse anomalies (1' and (2) are located in section 35 (see Figure 2). These two anomalies were noted on expanders 3 x 7 and 3 x 7 of the original pulse survey of March, 1963.

Anomaly (1), Figure 4, appears dike-like at about 400* depth, width 1200*, with possible westerly dip. For a dike whose width equals 2 times depth:

$$M_{t_1} - M_1 = 0.3(M_2 - M_1)$$

where $M_{\rm g} = 12, M_{1} = 5$

hence 1 = 23

for k = +0.3

1

masking effects = 15% or 3.5 units,

and $F_{true} = 23 + 3.5 + 5 = 32$, inclusive of normal.

This anomaly occurs in the intrusive along the east margin of contact zone (B). An M of 32 could represent 2% sulfides and is not considered a good recommendation.

Anomaly (2), Figure 5, is a flat, westerly disping layer whose easterly extremity comes very close to surface at station 40W.

The layer likely dips under bed (C) and represents volcanics.

N's of 15 to 18 units are calculated for a layered interpretation.

On I.P. line 5, Figure 7, too higher response layer at depth is interpreted in volcanics at 150.4. The M of the lower layer increases laterally to the west. The M's range from 15 to 20 units.

Results of 1.7. Line 4, Figure 6, ever the high mag contact metamorphic zone (A) were negative. 1. Line 6 to dipole-dipole array), Figure 8, was carveyed across the area drilled by Minerals Exploration Company. The I.F. results were negative.

Assays of the mineralization encountered in the andesite indicated average total Cu. Pb. and Zn equal 0.2% occurring sporadically within a none 80' to 140' below surface. The diprite encountered below the andesite contained only magnetite.

INTERPRETATION OF FOL - STPOLE DATA

made with standard response curves from the Newmont manual where pole-dipole response lies about midway between the three array curves and the Newmont gradient three array curves. The form of the body is approximated by comparing the field results to Halloff's model studies from "An Interpretation of Resistivity and I.I. kesults," thesis work at M.I.T., June, 1957.

APPENDIX I

The Ma values for Areas 1113, 1105, and Roskruge are in error by a factor of 2. The error likely occurred in the calculation of the fluxmeter constant. For the one record integral time a calibration test in March, 1963, indicated that a primary voltage (e) of 1.54 volts gave a deflection (d) of 104 mm at a sensitivity setting of 6 (Reirouit = 1,003,450 ohms). The fluxmeter constant for these values is calculated as

$$1.48 \times 10^{-5} \text{ milliamy sec/mm},$$
where F.S. = $\frac{e}{d} \times \frac{1}{\pi_{\text{circuit}}}$

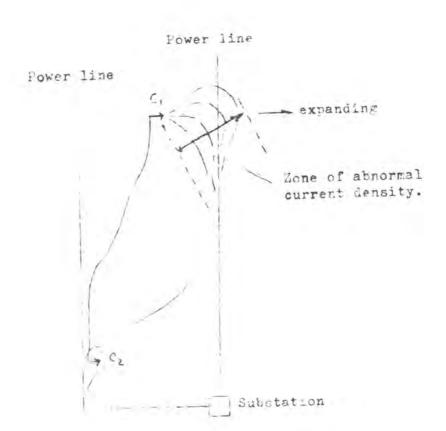
For the section is a section of the section in the section is $x = 4.6 \times 10^3 \text{ ohrs}$ Fig. 1.48 × 10⁻⁵ × $\frac{4.6 \times 10^3 \times 19}{.037 \times 2}$ = 17.5 mv sec/volt.

The value plotted is 35.

By halving the M values for creas 1113, 1105, and Roskruge, any weakly anomalous conditions that existed are prestly reduced if not eliminated, and the power line effects at Roskruge are not as serious as first deduced.

AFPENDIX II

Figure 15 shows the form of the response for an equispaced three array expanding across a narrow dike. The current, $C_1 \text{ is at a fixed distance, } \mathbf{x}, \text{ from the dike edge.} \text{ This response}$ should approximate the form of the pseudo anomalous response
caused by a distorted current rattern due to the power line ground near the current C_1 and infinite current C_2 .



Resistivity and I.F. are based on measurements along lines of current flow with uniform current i density presumed across each formation. ΔV is then proportional to ip, and ΔU as presumed to very with ip. Similarly the I.F. effect is $M\Delta V$.

However, if the current density along a line of profile varies while the resistivity is preserved constant, we have variations in ΔV and in the measurement of I.F. effect.

The normal current pattern is distorted by the power line and for I₁ and C₂ close enough to the power line, an area of atnormal (increase) current density is created. Despoise of both primary voltage (mais: vity) who a undary voltage (I...) across such an area results in the general form shown in Figure 13.

The marritude of these affects cannot be calculated tecause of the many variables involved, but some idea of the effect can be seen in Figure 14 where the corrected expander $\frac{1}{2} \times 8$ is plotted along with the observed data from the pole-dipole array in the same area. Although the expanders have been run in opposite directions, the values at death should not differ greatly as uniform response extends interestly over most of the profile. Anginitudes of -2 units at a = 500° to +8 units at a = 3000° give some measure of the effect. Expander 3 x 2 in Figure 15, where $\frac{1}{2}$ is 2000° from the power line, shows little if any pseudo anomalous effects due to the power line.

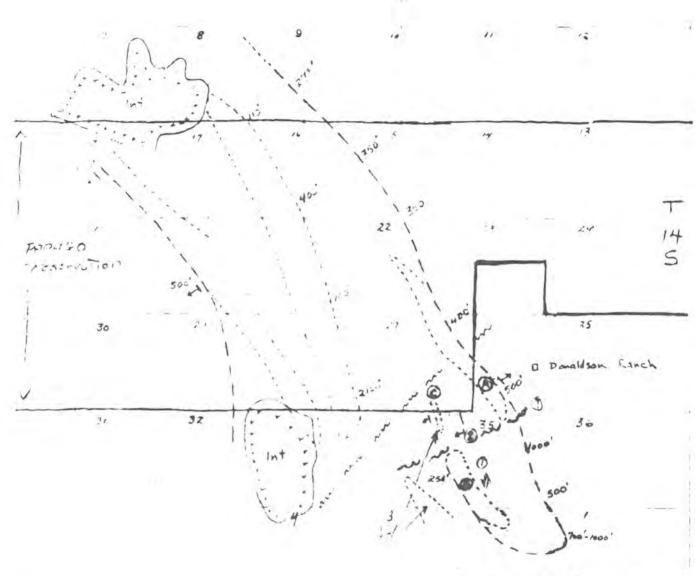


FIGURE 2 (Rport Jan 1964)

AREH 3

COLORAQUE BUTTE

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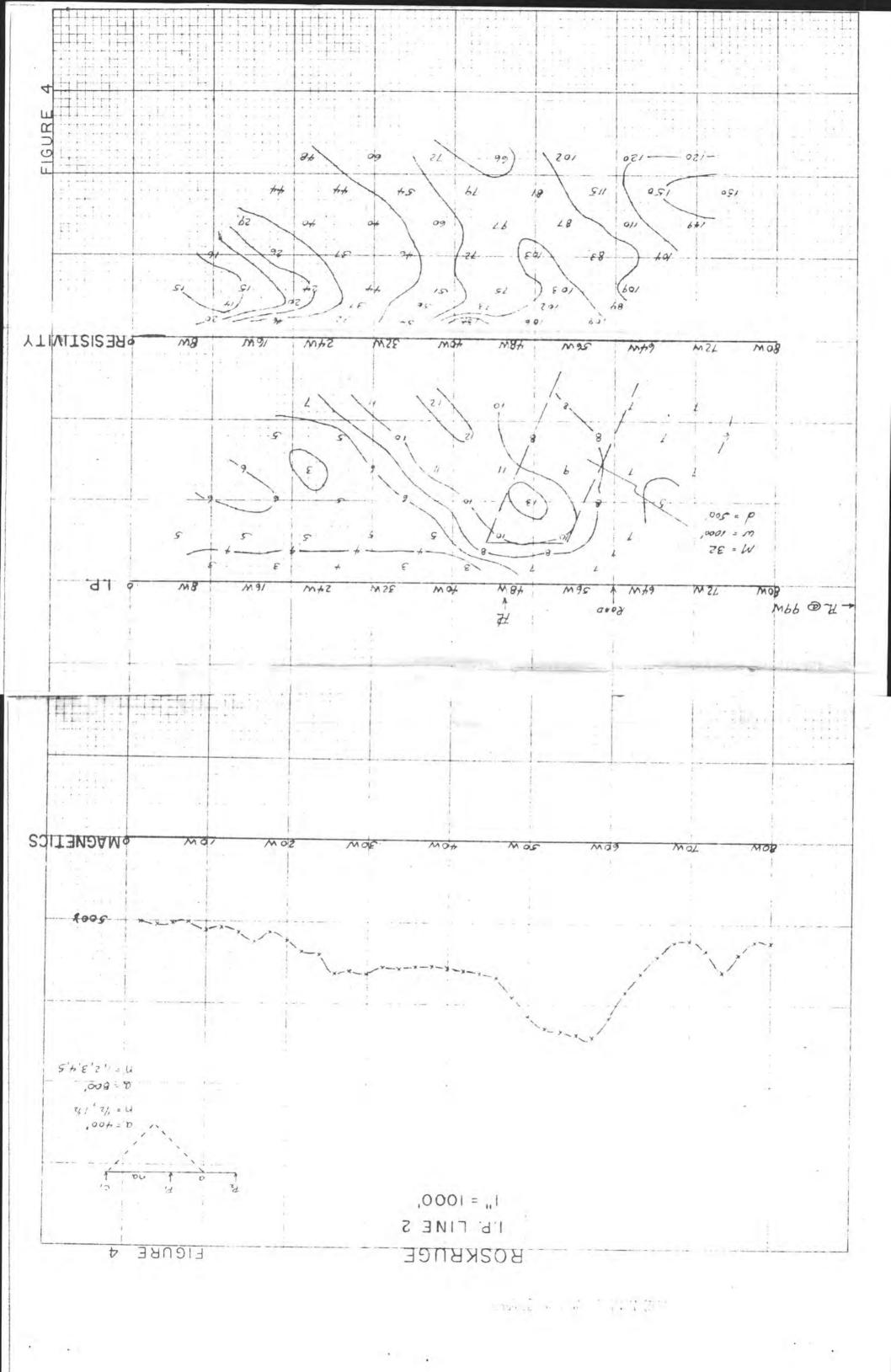
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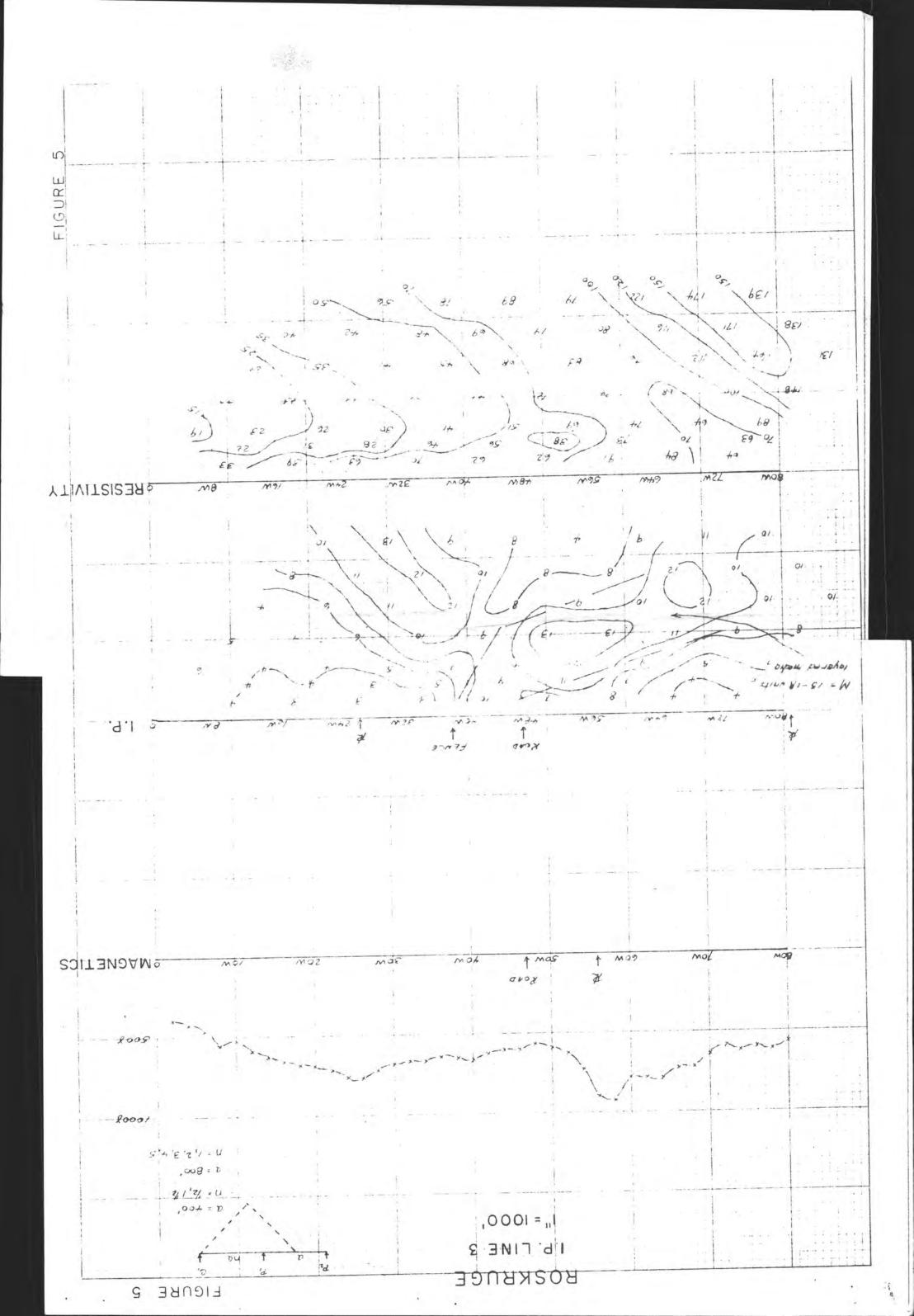
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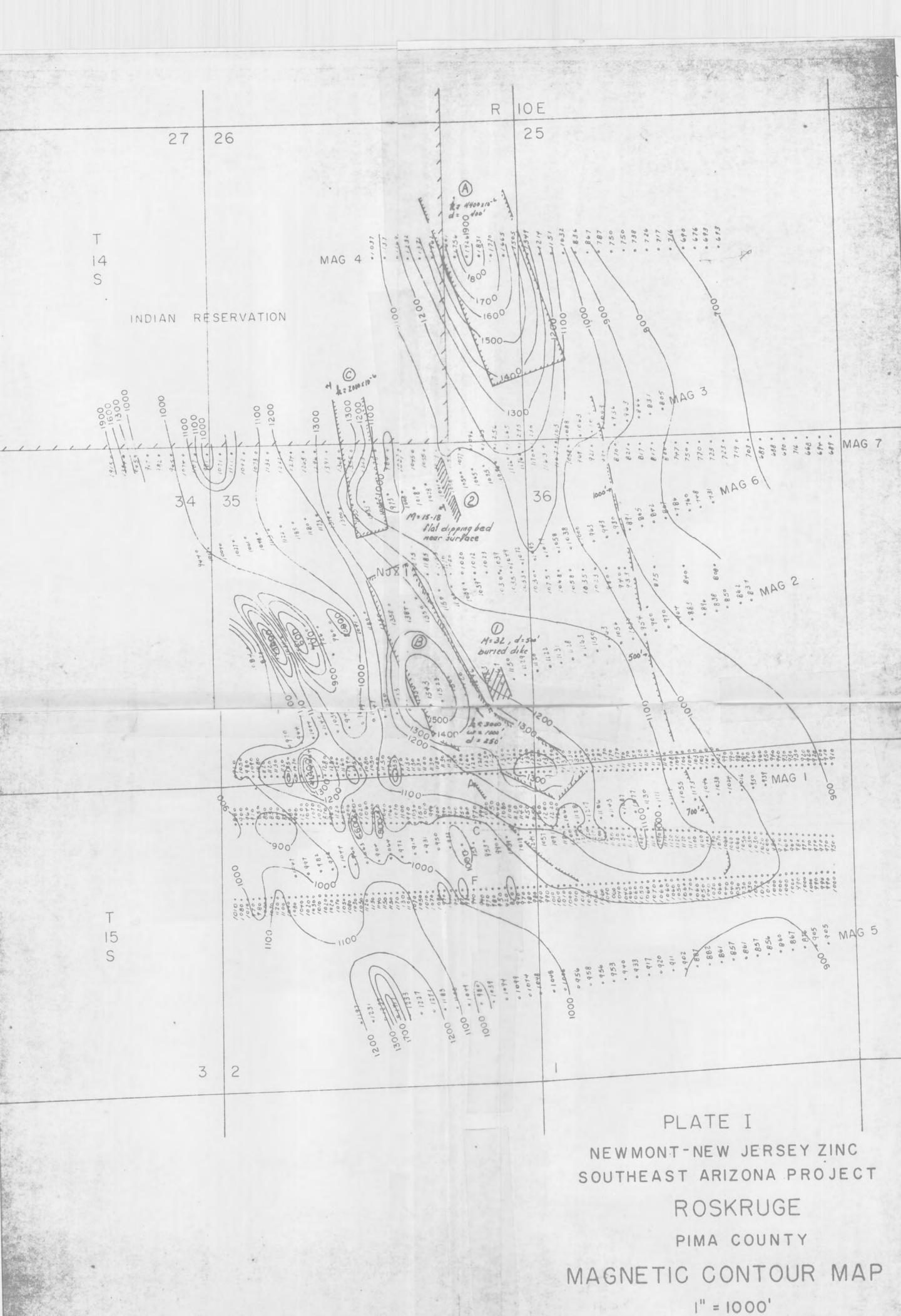
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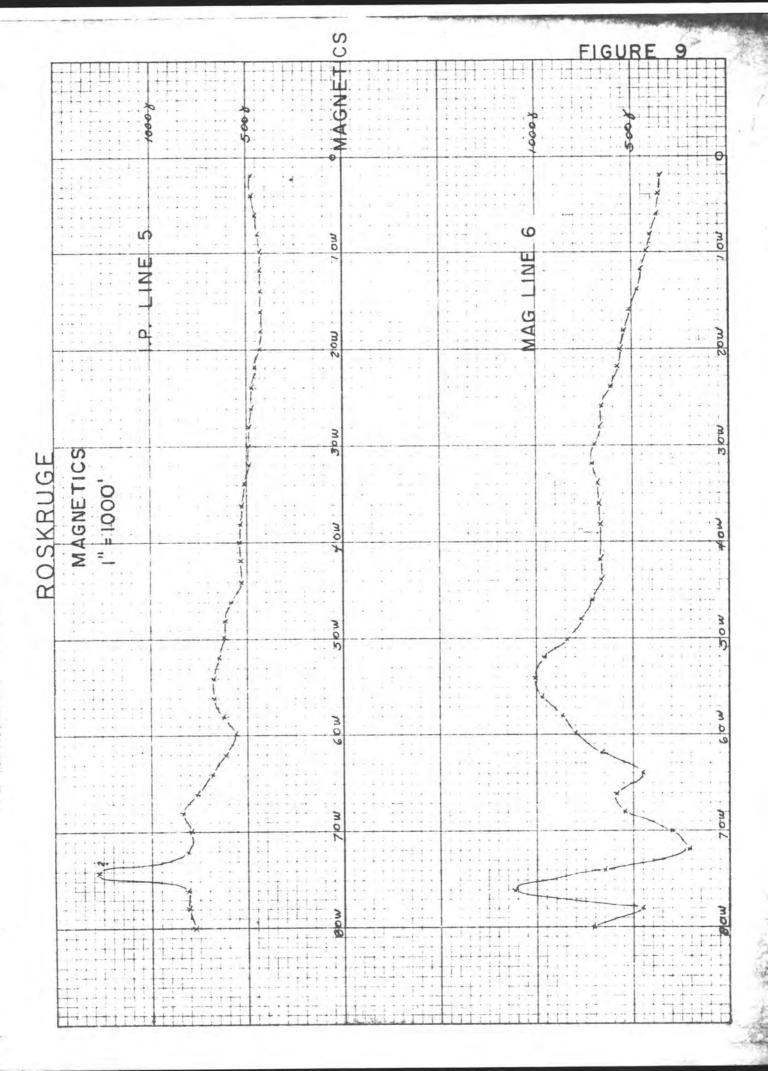


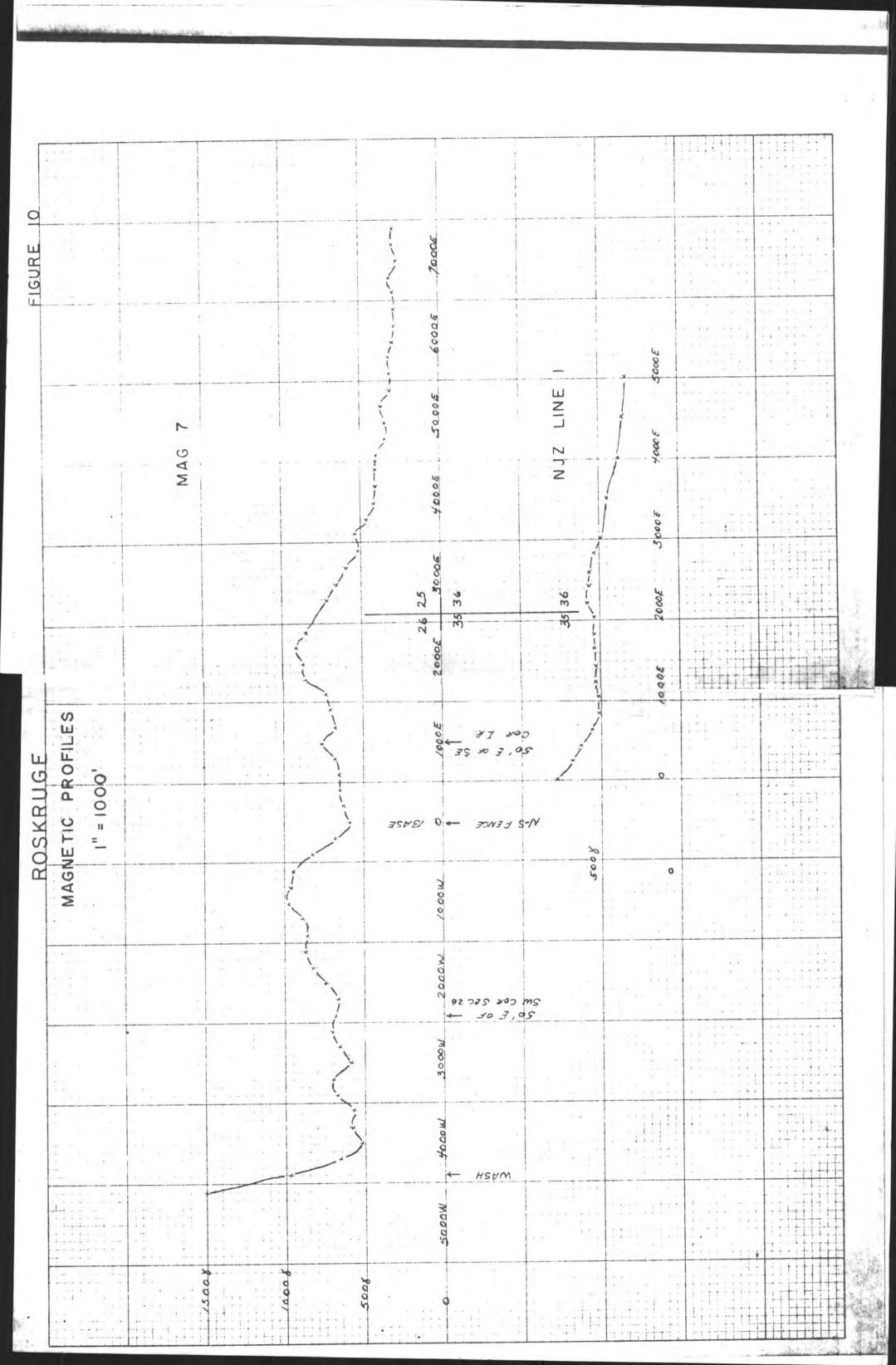
1963 ALM

359-5

FIGURE

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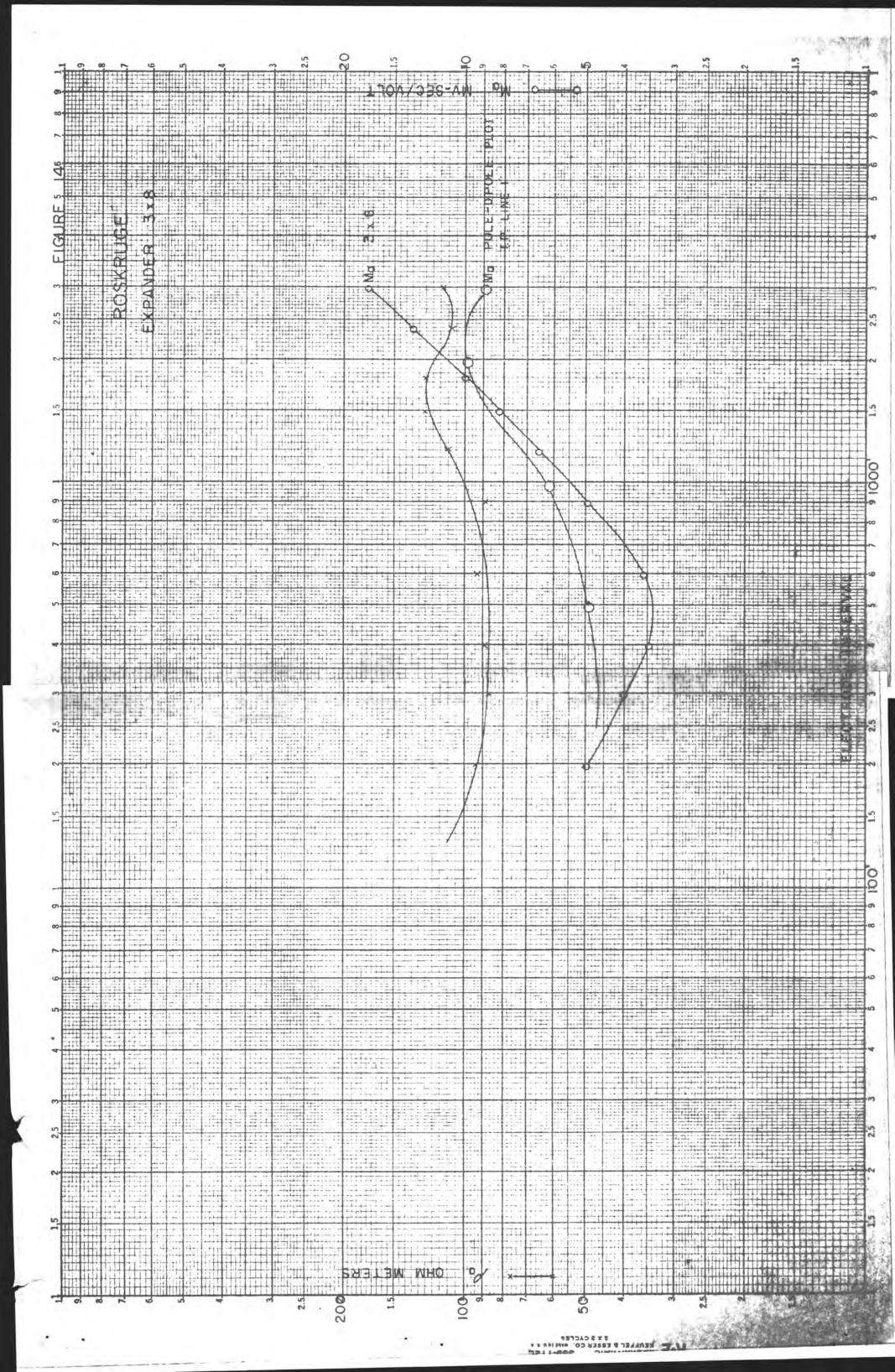
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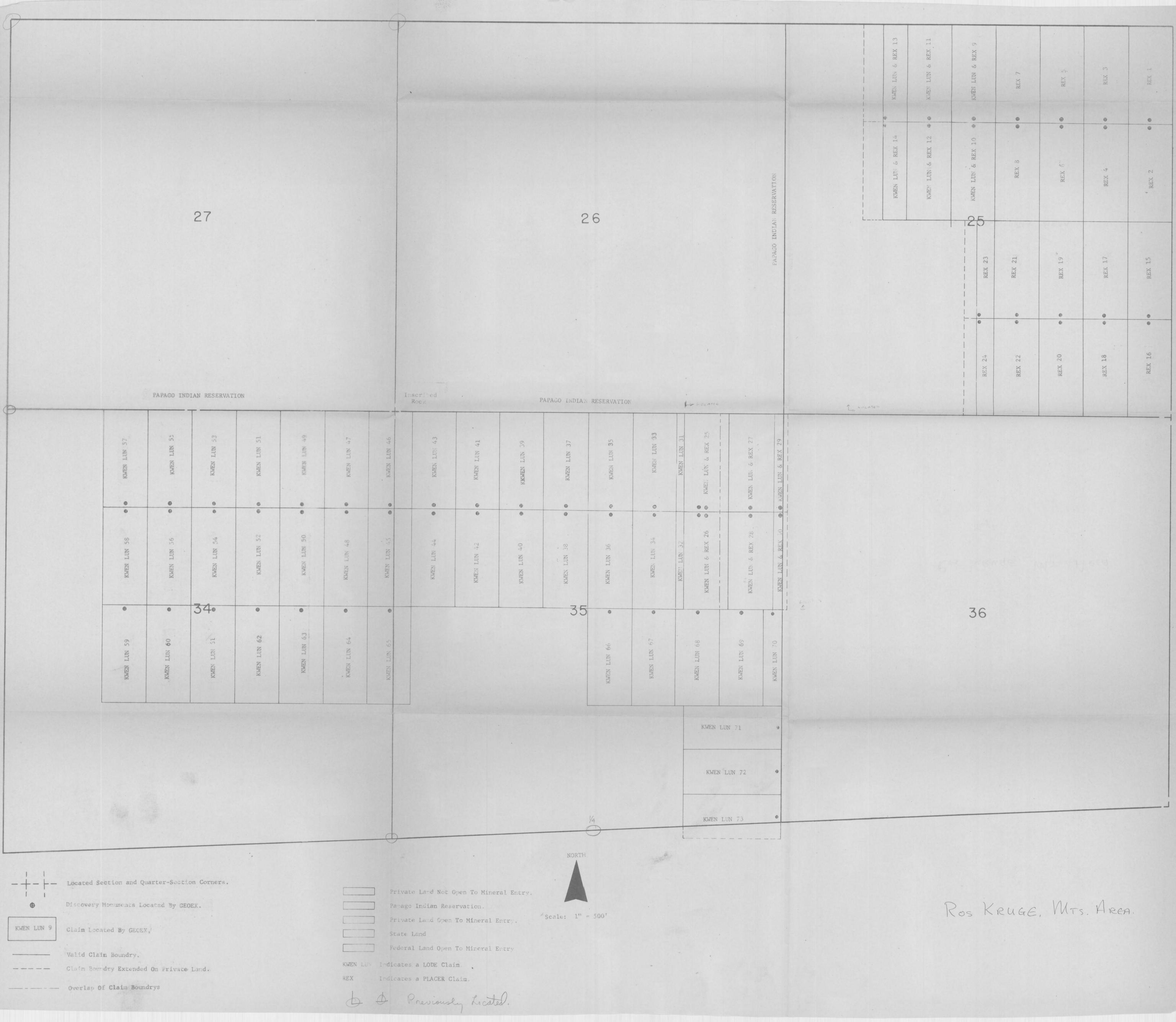
FIGURE

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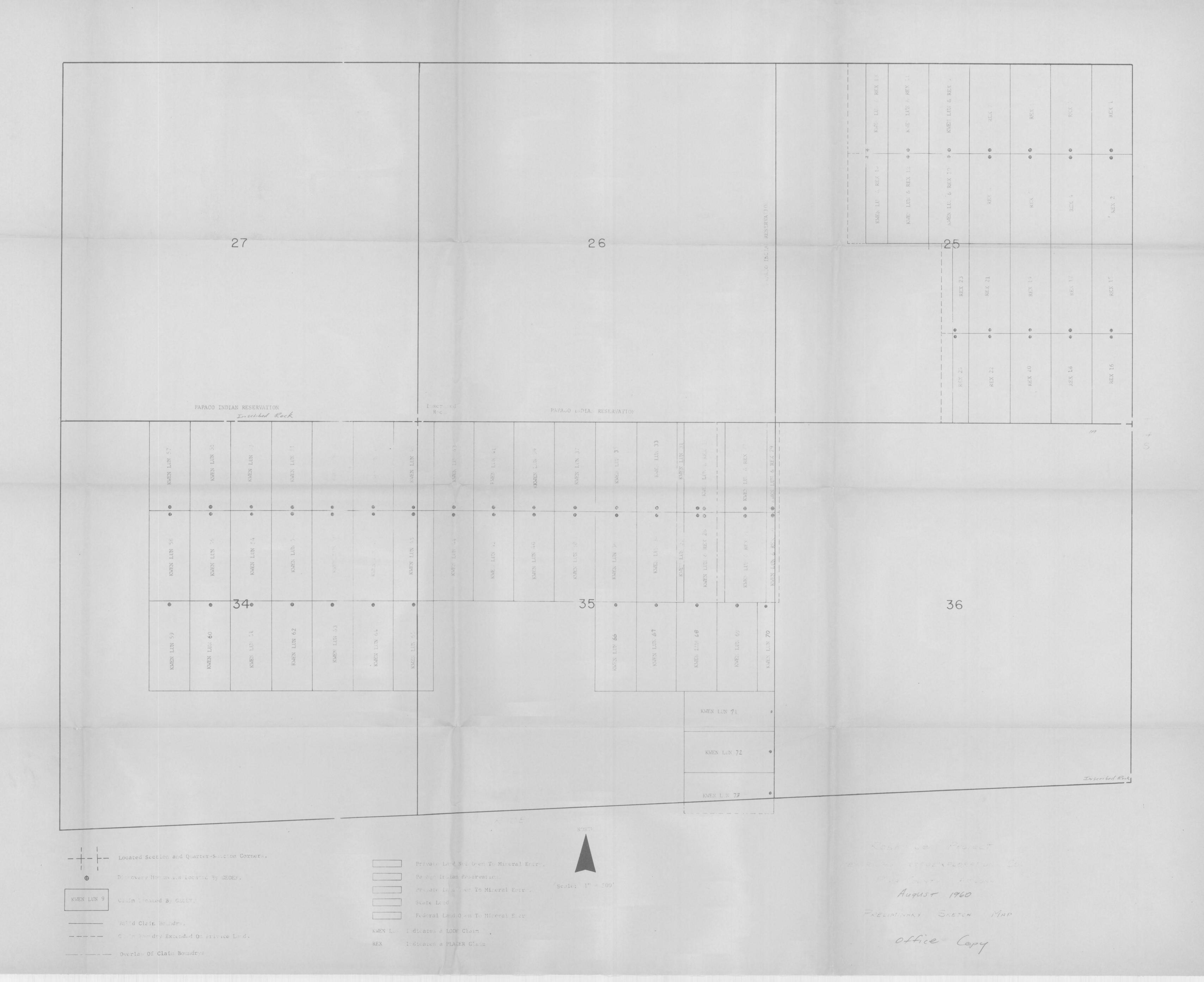
RESPONSE FACTOR



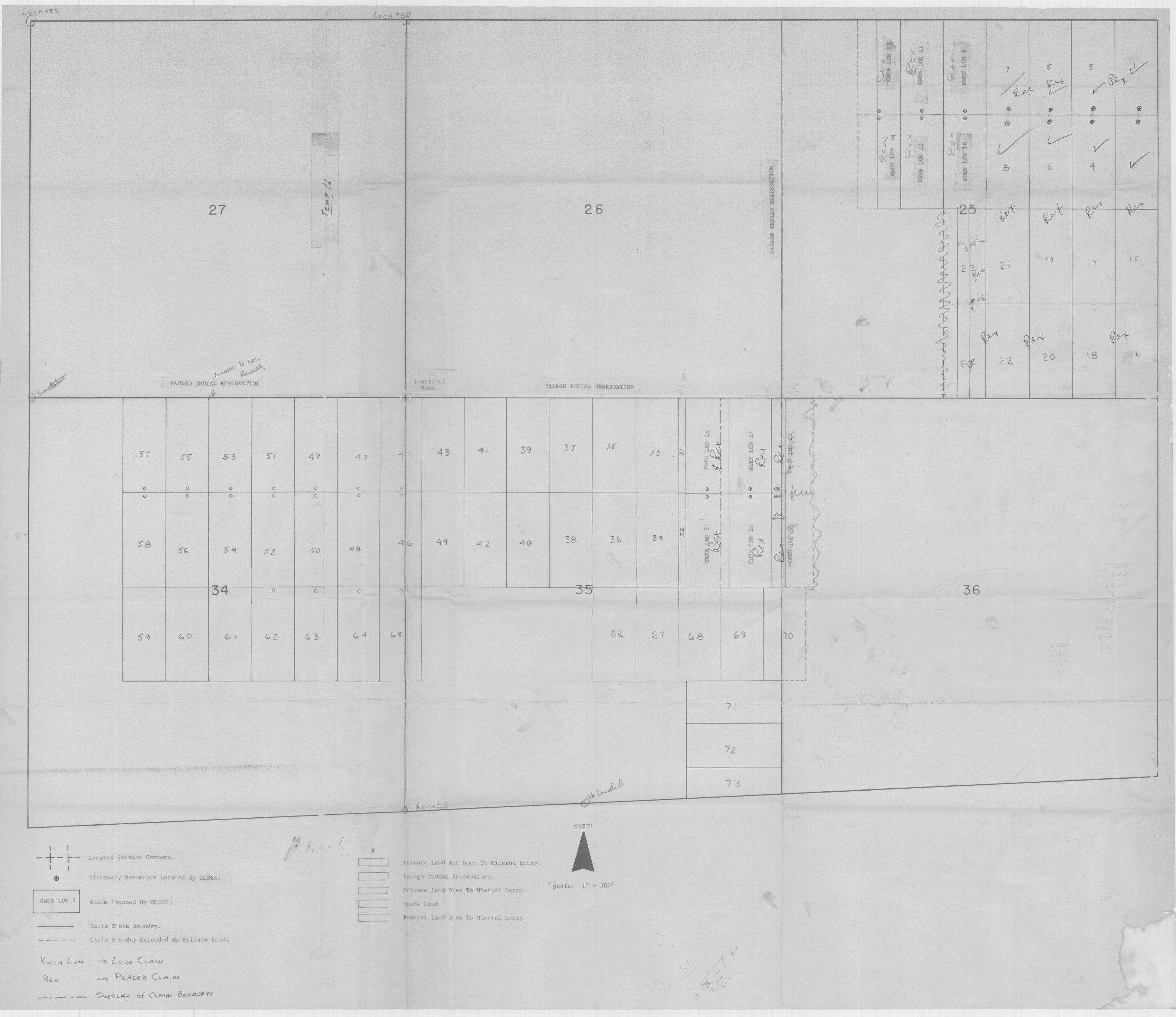


Ros KRUGE MT. AREA.
Mapz.

ROS KRUGE MT AREA.



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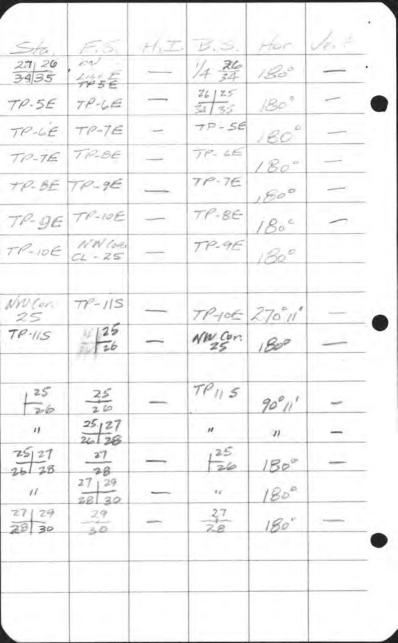
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upon and located for the purpose of exploration and purchase by Lewis F, ETAWAgeshik "A CITIZEN OF The United STATES" the undersigned, on the day of July 19.60 I claim 20 acres thereof, and have marked the same on the ground as follows: Beginning at (If the land be surveyed land, make the starting point a corner of a rectilinear subdivision of such survey) at a post 50 feet south from the starting point a corner of a rectilinear subdivision of such survey) at a post 50 feet to a post; thence north 1,320 feet to a post; thence east 600 feet to a post; thence north 1,320 feet to a post; thence south 1,320 feet to a post; thence south 1,320 feet to a post; thence west 300 feet to be post; thence south 1,320 feet to a post; thence south 1,320 feet to a post; thence west 300 feet to be post; thence south 1,320 feet to a post; thence of a post; thence south 1,320 feet to a post; thence west 300 feet to be post; thence south 1,320 feet to a post; thence of a post; thence south 1,320 feet to a post; thence west 300 feet to be place of beginning, containing approx. 20 acres, all in the Roskruge Mining District, in the County of Pima in the State of Arizona, skew The NE corner of this claim ince is common to the direction from NE corner of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States [30 U.S.C.A. §21 et. seq.] and the laws of the State of Arizona. Dated and posted on the ground this 25 Iday of July 19.60 C.A. Young Lewis F. Fittawageshik With Note of the Survey by rectilinear subdivisions. Item of ARIZONA, Interest certify that the within instrument was filed and recorded Fee No.:	Place Mining Claim, situate on la valuable mineral deposit other th	ands belonging to the United State of America, as an in veins or lodes of quartz or other rock in p	nd being a form of place, was entered
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All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States [30 U.S.C.A. §21 et. seq.] and the laws of the State of Arizona. Dated and posted on the ground this 25 day of July 1960. C.A. Young Lewis F. Ettawageshik NOTE—This form of notice is for use upon surveyed lands, the claim must conform to such survey by rectilinear subdivisions. TE OF ARIZONA, I hereby certify that the within instrument was filed and recorded survey of the No 19 , at			
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Witness my hand and official seal. Compared: County Recorder	nty ofss.	, 19, atM,	
en recorded mail to: Witness my hand and official seal. Photostated:	Docket No, Page, at th	e request of	Indexed:
Photostated:	un recorded mail to	Witness my hand and official seal.	Compared:
County Recorder	m recorded man to;		Photostated:
I Day, o		County Recorder	
By		Deputy Recorder	TPC. e

Place Mining Claim, situate on lar valuable mineral deposit other than	nds belonging to the United State of America, and be in in veins or lodes of quartz or other rock in place	eing a form of e, was entered
	of exploration and purchase by	W. T. M. T. L.
	F. Ettawageshik	
	en of the United STA	
74 - 511/2	. co vi inc vincia sin	
	ited States" or "who has declared his intention to become a citizen of the	
	day of July	
	acres thereof, and have marked the same on	the ground as
follows: Beginning at		
(If the land be surveyed land, me	ake the starting point a corner of a rectilinear subdivision of such survey)	
	from the nost	
ata post 50 feet north	from the post (post, stone or other monument) where this no	
thence West 300 feet	feet to a post; thence south	
1,320 feet to a post;	, thence east 600	feet to a
post;	, thence north 1,320	feet to a
post;	, thence west 300	
feet to the place of beginning, conta	aining approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of_	Pima, in the Sta	te of Arizona,
about-	in a	
	laim is common to the East 1/4 cor	
Sec. 25, T. 14 S., R. 1		
		V-1-1
United States [30 U.S.C.A. §21 et.	ns of Chapter Six of Title XXXII, of the Revised S seq.] and the laws of the State of Arizona.	statutes of the
Dated and posted on the grou	and this 25 th day of July	, 19_ 60
C.A. YOUNG	Lewis F. ETTAM	ageshik
Witness!	I Source Tewis D. Ellawa	gestik
NOTE—This form of notice is	s for use upon surveyed lands, the claim must con	nform to such
survey by rectilinear subdivisions.		
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nty of	, 19, atM.	
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en recorded mail to:	Witness my hand and official seal.	mpareu.
en recorded mail to:	witness my hand and official seal.	otostated:
en recorded mail to:	County Recorder	

Place Mining Claim, situate on lands bel valuable mineral deposit other than in ve	longing to the United State of America, are	nd being a form of
upon and located for the purpose of exp		
Lewis	F. Ettawageshile	
A CITIZ	EN OF the United ST	ATes"
Locator must insert either "a citizen of the United State the undersigned, on the 25	es" or "who has declared his intention to become a citizen day of July	
	acres thereof, and have marked the same	on the ground as
follows: Beginning at		
(If the land be surveyed land, make the st	tarting point a corner of a rectilinear subdivision of such su	irvey)
fre	om the post	
	ost, stone or other monument) where this	
thence west 300	feet to a post; thence no	rth
1,320 feet to a post;	thence east 600	feet to a
post;	thence south 1,320	feet to a
post;	thence west 300	
feet to the place of beginning, containing		
Roskruge	acres, an in	
	Pima in the	
Mining District, in the County of	, in the	
about-	-iπa	
The NE corner of this claim	is approximately 600 feet w	est from the
NE corner of Sec. 25, T. 14	S., R. 10 E., G.& S.R.M.	
All done under the provisions of C	Chapter Six of Title XXXII, of the Revise	ed Statutes of the
United States [30 U.S.C.A. §21 et. seq.] a		
	s 25 Zday of July	
C. A. Young	Lewis F. Ett.	auageshile
WITNESS: Charles U.	our Lewis D' Etts	wagestik
	se upon surveyed lands, the claim must	
TE OF ARIZONA, I hereby certify that	t the within instrument was filed and recorded	Fee No.:
cc	, 19, atM.	
Docket No, Page, at the request	of	Indexed:
	Witness were hand and a control	Compared:
en recorded mail to:	Witness my hand and official seal.	Photostated:
	County Recorder	7
	Ву	Fee: \$

Place Mining Claim, situate on land valuable mineral deposit other than	ds belonging to the United State of America, a in veins or lodes of quartz or other rock in p	nd being a form of place, was entered
	of exploration and purchase by	
110	S F. Ettawageshit	Ta Tes"
# 6/1	12 ch or the onice	
	ted States" or "who has declared his intention to become a citizer	
	acres thereof, and have marked the same	
	acres merest, and have marked the same	on me ground at
Tonomb. Degiming w		
(If the land be surveyed land, ma	ke the starting point a corner of a rectilinear subdivision of such s	urvey)
at a post 50 feet north	from the post (post, stone or other monument) where thi	s notice is posted
thence West 300	feet to a post; thence sou	ith
1,320 feet to a post;	, thence east 600	feet to a
post;	, thence north 1,320	feet to a
post;	, thence West 300	
feet to the place of beginning, conta	aining approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of	Pima , in the	State of Arizona
about	ma	
	aim is approximately 600 feet w	
	, T. 14 S., R. 10 E., G.& S.R.I	
7.57.67 38.3	s of Chapter Six of Title XXXII, of the Revis	ACTIVATION TO THE REAL PROPERTY.
United States [30 U.S.C.A. §21 et. s	seq.] and the laws of the State of Arizona.	sed Statutes of the
Dated and posted on the groun	nd this 25 Dday of July	, 19_60
C. A. YOUNG	Lewis F. EttA.	wageshik
TNESS: CU GO	une Lewis F. Ettas	twa aushik
	for use upon surveyed lands, the claim must	
22	tify that the within instrument was filed and recorded	
	, 19, atM	
Docket No, Page, at the r	request of	Indexed:
en recorded mail to:	Witness my hand and official seal.	Compared:
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	County Recorder	Fee: \$

Place Mining Claim, situate on lands by	elonging to the United State of America, a veins or lodes of quartz or other rock in p	nd being a form of
		and the party of
	xploration and purchase by	
	F. Ettawageshik	
'A CITIZEN	OF The United STATES	
Locator must insert either "e citizen of the United Sta	ates" or "who has declared his intention to become a citizen	of the United States!
the undersigned, on the 25 Th		And the second of the second of
	_acres thereof, and have marked the same	on the ground as
follows: Beginning at		and Bround an
Tollows, Degining at		
(If the land be surveyed land, make the	starting point a corner of a rectilinear subdivision of such su	irvey)
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poso,	, thence West 300	
feet to the place of beginning, containing	g approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of P1	ma, in the	State of Arizona,
The NE corner of this claim	is approximately 1,200 feet	West from
	. 14 S., R. 10 E., G.& S.R.M	
	The state of the s	
AN 100 00 100 100 100 100 100 100 100 100		
United States [30 U.S.C.A. §21 et. seq.]	Chapter Six of Title XXXII, of the Revise and the laws of the State of Arizona.	ed Statutes of the
Dated and posted on the ground th	ais 35 day of July	, 19 60
C.A. Young		
WITNESS: C. a. LAGUA	Lewis F. Etth	Jan
9000		/
survey by rectilinear subdivisions.	use upon surveyed lands, the claim must	conform to such
TE OF ADVICONA 1 Thereby settled		ln. v
TE OF ARIZONA, I hereby certify the ss.	nat the within instrument was filed and recorded	ree No.:
Docket No, Page, at the reques	st of	Indexed:
n recorded mail to:	Witness my hand and official seal.	Compared:
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Place Mining Claim, situate or	lands belonging to the United State of America, a	nd being a form o
valuable mineral deposit other	than in veins or lodes of quartz or other rock in p	olace, was entered
upon and located for the purp	pose of exploration and purchase by	
	ewis F. Ettawageshile	
"A GIT	IZEN OF The United ST.	ATES"
	he United States" or "who has declared his intention to become a citizen	
	day of July	
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1,320 feet to a post	, thence east 600	feet to a
post;	thence north 1,320	feet to
		leet to a
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feet to the place of beginning,	containing approx. 20 acres, all in th	е
Roskruge		
Mining District, in the County	of Pima , in the	State of Arizona
about	-in-a-	direction from
	s claim is approximately 1,200 fee	
the East 1/4 cor. of	Sec. 25, T. 14 S., R. 10 E., G.&	S.R.M.
All done under the prov	isions of Chapter Six of Title XXXII, of the Revis	ed Statutes of the
	et. seq.] and the laws of the State of Arizona.	
	ground this 25 7 day of July	
C. A. Your	Jewis F. ETTA Lewis D. Ella	wageshik
TNESS! CALL	Lewis 2º 80%	wa antish
	ice is for use upon surveyed lands, the claim must	
survey by rectilinear subdivision	ons.	comorni to suci
AMPLOD ANTONA A TANA		1
SS.	y certify that the within instrument was filed and recorded	
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in Docket No, Page, at	the request of	Indexed:
nen recorded mail to:	Witness my hand and official seal.	Compared:
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	-40	Fee: \$
	By	II.

Place Mining Claim situate at 1 - 1	holomeine to the Thital Chat of According	and balance
valuable mineral deposit other than in	belonging to the United State of America, a veins or lodes of quartz or other rock in	place, was entered
upon and located for the purpose of		
Lewis	F. Ettawageshils	122
"A CITITEN	OF The United STA	Tes"
- (, , , , , , , , , , , , , , , , , ,		
	States" or "who has declared his intention to become a citize	60
and undersigned, on the		, 19
claim 20	acres thereof, and have marked the same	e on the ground a
follows: Beginning at		
77 No. 1 - 4 No.		
(If the land be surveyed land, make the	he starting point a corner of a rectilinear subdivision of such	survey)
	from the post	
at a post 50 feet south	(post, stone or other monument) where the	is notice is posted
thence West 300	feet to a post; thence no	rth
1,320 feet to a post;	, thence east 600	feet to a
	thence south 1,320	
post;		feet to
post;	, thence_west 300	
feet to the place of beginning, containing	ng approx. 20 acres, all in the	
Roskruge		
	on the	G
Mining District, in the County of	Ima, in the	
about_	in-a-	direction from
The NE corner of this clai	im is approximately 1,800 fee	t west from
the NE corner of Sec. 25,	T. 14 S., R. 10 E., G.& S.R.	M.
All done under the provisions o	of Chapter Six of Title XXXII, of the Revis	sed Statutes of the
United States [30 U.S.C.A. §21 et. seq.	.] and the laws of the State of Arizona.	ou blatates of the
Dated and posted on the ground	this 25 th day of July	, 19 60
C. A. Young	Lewis F. Ett.	Awageshile
TNESS! Cul		wagestub
survey by rectilinear subdivisions.	r use upon surveyed lands, the claim must	t conform to such
TE OF ARIZONA. I hereby certify	that the within instrument was filed and recorded	Fee No.
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Docket No, Page, at the requ	est of	_ Indexed:
en recorded mail to:	Witness my hand and official seal.	Compared:
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	By	1000
	Deputy Recorder	I. R. S.: \$

Place Mining Claim, situate on land valuable mineral deposit other than	ds belonging to the United State of America, a in veins or lodes of quartz or other rock in p	nd being a form of place, was entered
	of exploration and purchase by	
upon and located for the purpose of	F Ettawageshile	
Lewis		- ,,
"A CITIZEN	OF The United STAT	es"
	ed States" or "who has declared his intention to become a citizen	and the second s
the undersigned, on the 25	day of July	, 19 60
claim_ 20	acres thereof, and have marked the same	on the ground as
follows: Beginning at		
(If the land be surveyed land, mal	ke the starting point a corner of a rectilinear subdivision of such s	urvey)
		
		
oto mast EA Bank wants	from the post (post, stone or other monument) where thi	
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1,320 feet to a post;	thence_east 600	feet to a
post;	thence north 1,320	feet to a
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feet to the place of beginning, conta	ining approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of	Pima , in the	State of Arizona.
about	in a	direction from

	laim is approximately 1,800 fee	
the East 1/4 cor. of Se	c. 25, T. 14 S., R. 10 E., G.&	Sanome
United States [30 U.S.C.A. §21 et. s	s of Chapter Six of Title XXXII, of the Revis eq.] and the laws of the State of Arizona.	
	nd this 2 378 day of July	
C. A. Young	Lewis F. E	T. Thwageshi
TNESS! Calle	Lewis F. E.	Taux gestat.
	for use upon surveyed lands, the claim must	- 6
TE OF ARIZONA, I hereby certi	ify that the within instrument was filed and recorded	Fee No.:
CC	, 19, at	The state of the s
	equest of	Indexed:
		Compared:
en recorded mail to:	Witness my hand and official seal.	Photostated:
	County Recorder	Filotostated:
	By	Fee: \$
	Deputy Recorder	TRS. \$

upon and located for the purpose of exploration and purchase by Courie F. Effecting Shirk Courie	Place Mining Claim, situate on valuable mineral deposit other t	lands belonging to the United State of America, a	nd being a form of
Lowis F. Effavingeshik (U.S. A CITTEN) The Locator mass locart either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States" I claim 20 acres thereof, and have marked the same on the ground of follows: Beginning at (If the land be surveyed land, make the starting point a corner of a rectilinear subdivision of such survey) at a post 50 feet south (post; stone or other monisment) where this notice is poster thence west 300 feet to a post; thence north 1,320 feet to a post; thence north 1,320 feet to a post; thence west 300 feet to be post; thence west 300 feet to the place of beginning, containing approx. 20 acres, all in the Rosicruge Mining District, in the County of Pima in the State of Arizona direction from The NE corner of this claim is common to the East 1/4 cor. of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States [30 U.S.C.A. §2] et. seq.] and the laws of the State of Arizona. Dated and posted on the ground this 3 day of Jetly August 19 60 MARCES NOTE—This form of notice is for use upon surveyed lands, the claim must conform to succurve by rectilinear subdivisions. It poket No, Page at the request of the recorder of t			prace, was effected
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the undersigned, on the	- 14.	S. A. CITIZENI	
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	in recorded mail to:		Photostated:
		County Recorder	Fee: \$
		Deputy Recorder	TRS. \$

Notice of Mining Location Places claim

Place Mining Claim situate on land	s belonging to the United State of America as	nd being a form of
	s belonging to the United State of America, ar in veins or lodes of quartz or other rock in p	lace, was entered
	f exploration and purchase by	1.1
	Lewis F Ettawa	gestuk_
U.S.A	citizen	
	1	
	day of July August	
I claim 20		
follows: Beginning at.		
(If the land be surveyed land, make	e the starting point a corner of a rectilinear subdivision of such su	urvey)
at a post 50 feet north	from the post (post, stone or other monument) where this	s notice is posted:
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	thence east 600	
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	ining approx. 20 acres, all in the	
Roskruge		10
Mining District, in the County of	Pima , in the	State of Arizona,
about	-in a-	direction from-
The SE corner of this cla	im is common to the SE corner	of Sec. 25,
T. 14 S R. 10 E G. &	S. R. M.	
All done under the provisions United States [30 U.S.C.A. §21 et. s	s of Chapter Six of Title XXXII, of the Revis eq.] and the laws of the State of Arizona.	ed Statutes of the
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NOTE—This form of notice is survey by rectilinear subdivisions.	for use upon surveyed lands, the claim must	conform to such
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SS.	ify that the within instrument was filed and recorded	
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Mining District, in the County of Pima	Place Mining Claim, situate on lands be	longing to the United State of America, a	nd being a form of
docator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States" of Lay of July Harring T. 19.60 I claim 20 acres thereof, and have marked the same on the ground as follows: Beginning at (If the land be surveyed land, make the starting point a corner of a rectitimear subdivision of such survey) at a post 50 feet south from post, storre or other more ment) where this notice is posted; thence West 300 feet to a post; thence north 1,320 feet to a post; thence south 1,320 feet to a post; thence west 300 Feet to the place of beginning, containing approx. 20 acres, all in the Resicruse Rosicruse All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the land on under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States [30 U.S.C.A. \$21 et. seq.] and the laws of the State of Arizona. Dated and posted on the ground this. 2 day of July Arring T. 1960 Fee No. 19 at M. NOTE—This form of notice is for use tipon surveyed lands, the claim must conform to such survey by rectilinear subdivisions. The OF ARIZONA, She the request of 19 at			
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Dated and posted on the ground this 3 day of July 1960 Compared: County Recorder Photostated: Photosta			ed Statutes of the
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TE OF ARIZONA, I hereby certify that the within instrument was filed and recorded nty of	Dated and posted on the ground thi	is 3 day of July August	, 1960
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TE OF ARIZONA, I hereby certify that the within instrument was filed and recorded nty of	Witness C (Vas.	Lewis F F	If your al
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Docket No, Page, at the request of	TE OF ARIZONA, I hereby certify tha	at the within instrument was filed and recorded	Fee No.:
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n recorded mail to: Witness my hand and official seal. Photostated:	, rage , at the request		
County Recorder	n recorded mail to:	Witness my hand and official seal.	Compared:
County Recorder Fee: \$			Distantated.
LEC, O			Photostated:

Place Mining Claim, situate on lands valuable mineral deposit other than in	belonging to the United State of America, a n veins or lodes of quartz or other rock in p	nd being a form of place, was entered
upon and located for the purpose of	exploration and purchase by	
	Lewis F Ettou	vageshik
	2 citizen	,
	States" or "who has declared his intention to become a citizent day of July August	a (san tame) same and configuration of
claim_20	acres thereof, and have marked the same	e on the ground as
follows: Beginning at		
(If the land be surveyed land, make	the starting point a corner of a rectilinear subdivision of such s	urvey)
at a post 50 feet north	(post, stone or other monument) where this	s notice is posted;
thence west 300 feet	feet to a post; thence so	outh
1,320 feet to a post;	, thence east 600	feet to a
	, thence north 1,320	
post;	, thence West 300	
feet to the place of beginning, contain	ing approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of	Pimp , in the	State of Arizona,
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Dated and posted on the ground	this 3 day of July Augus	£ 19.60
Dated and posted on the ground	J : 2 041	1.6
Ca	Jewis O. Cha	wagenise
Witness	Jany Lewis F.	Hawayes
NOTE—This form of notice is for survey by rectilinear subdivisions.	or/use upon-surveyed lands, the claim must	conform to such
ATE OF ARIZONA, I hereby certify	that the within instrument was filed and recorded	Fee No.:
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		Compared:
en recorded mail to:	Witness my hand and official seal.	
	A STATE BASE	Photostated:
	County Recorder	Fee: \$
	By	IRS. ¢

Place Mining Claim, situate on lar	nds belonging to the United State of America, a n in veins or lodes of quartz or other rock in p	and being a form of
the control of the control of the	of exploration and purchase by	
	Lewis F EH	wageshik
W.S	A. citizen	
(Locator must insert either "a citizen of the Un	ited States" or "who has declared his intention to become a citizen	n of the United States'')
the undersigned, on the	3 day of July August	, 19_60
I claim 20	acres thereof, and have marked the same	e on the ground a
follows: Beginning at		
(If the land be surveyed land, m	ake the starting point a corner of a rectilinear subdivision of such s	survey)
at a post 50 feet south	from the post (post, stone or other monument) where this	la matica ia mantad
thence west 300		7 011
1,320 feet to a post;	, thence east 600	feet to a
post;	thence south 1,320	feet to a
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feet to the place of beginning, cont	aining approx. 20 acres, all in the	
Roskruge		
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about	ira	direction from
The NE corner of this cl	laim is approximately 1,200 feet	west of the
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	ns of Chapter Six of Title XXXII, of the Revis	sed Statutes of the
and the state of t	seq.] and the laws of the State of Arizona.	60
Dated and posted on the grou	and this 3 day of July August	, 19 60
2 - 1	Lewis O. Cl	towayeshis
Witness (U)	James Lewis F. Et	tawage shi
NOTE—This form of notice is survey by rectilinear subdivisions.	for use upon surveyed lands, the claim must	conform to such
TE OF ARIZONA, I hereby cer	tify that the within instrument was filed and recorded	Fee No.
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	request of	Indexed:
Docket No, rage, at the	reducat Or	
en recorded mail to:	Witness my hand and official seal.	Compared:
		Photostated:
	County Recorder	Fee: \$
	By	

Notice of Mining Cocation Places claim

Place Mining Claim, situate on valuable mineral deposit other	lands belonging to the United State of America, than in veins or lodes of quartz or other rock in	and being a form of
	pose of exploration and purchase by	
	Lewis F Ettou	/
4 3	A citizer	
	he United States" or "who has declared his intention to become a citi	and the second s
	3 day of July August	
Iclaim2	acres thereof, and have marked the san	ne on the ground as
follows: Beginning at		
(If the land be surveyed las	nd, make the starting point a corner of a rectilinear subdivision of such	a survey)
	Owner the a want	
at a post 50 feet north	(post, stone or other monument) where the	his notice is posted
thence west 300	feet to a post; thence	south
1,320 feet to a post	thence east 600	feet to a
	, thence north 1,320	
post;	, thence west 300	
feet to the place of beginning,	containing approx. 20 acres, all in the	
Roskruge		
Mining District, in the County	of Pima , in the	he State of Arizona,
about-	-in a-	direction from
The SE corner of this	s claim is approximately 1,200 fe	et west of th
	T. 14 S., R. 10 E., G.& S.R.M.	
All done under the prov United States [30 U.S.C.A. §21	risions of Chapter Six of Title XXXII, of the Rev et. seq.] and the laws of the State of Arizona.	rised Statutes of the
Court of Charles and Art Charles and Art.	ground this 3 day of July Augus	, 1960
Dated and posted on the	1 00 00	
1.11 00	111	awa zeshih
Witness ()	Cycling Lowis F E	Hawagestik
NOTE—This form of noti survey by rectilinear subdivision	ice is for use upon surveyed lands, the claim mu ons.	st conform to such
ATE OF ARIZONA, I hereby	y certify that the within instrument was filed and record	ed Fee No.:
nty ofss.		M.
Docket No, Page, at	the request of	Indexed:
		Compared:
en recorded mail to:	Witness my hand and official seal.	
		Photostated:
	County Recorder	Fee: \$
	By	I. R. S.: \$

Place Mining Claim, situate on valuable mineral deposit other	lands belonging to the United State of America, as than in veins or lodes of quartz or other rock in p	nd being a form of place, was entered
upon and located for the purpo	ose of exploration and purchase by	
	Lewis F. EHA	wayeshil
10	15.A Citizen	
	e United States" or "who has declared his intention to become a citizen	
	3 day of July August	
claim 20	acres thereof, and have marked the same	on the ground as
follows: Beginning at		
(If the land be surveyed lan	d, make the starting point a corner of a rectilinear subdivision of such su	irvey)
	from the rest	
at a post 50 feet south	from the post (post, stone or other monument) where this	s notice is posted;
thence west 300	feet to a post; thence no	rth
1,320 feet to a post	thence east 600	feet to a
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post;		
feet to the place of beginning, c	ontaining approx. 20 acres, all in the	1
Roskruge		
Mining District, in the County	of Pima , in the	State of Arizona,
about	in-a-	direction from
	claim is approximately 1,800 feet	
East 1/4 cor. of Sec.	25, T. 14 S., R. 10 E., G.& S.R.N	
All done under the provi	sions of Chapter Six of Title XXXII, of the Reviset, seq.] and the laws of the State of Arizona.	ed Statutes of the
		4 10 60
Dated and posted on the g	round this 3 day of July Apples	19,00
11/1 Oa	Jourg Lewis F Et	Lyissier
Withess	found Lewis F Et	tawage sh
NOTE—This form of notic survey by rectilinear subdivisio	ce is for use upon surveyed lands, the claim must	conform to such
sarvey by reconnect subdivisio	AAD	r
TE OF ARIZONA, I hereby	certify that the within instrument was filed and recorded	Fee No.:
nty of	, 19, atM.	
Docket No, Page, at	the request of	Indexed:
	Witness my hand and official seal.	Compared:
en recorded mail to:	witness my hand and omeiat seat.	Photostated:
	County Recorder	
		Fee: \$
	By	I. R. S.: \$

Notice of Mining Cocation places claim

Place Mining Claim, situate on la	nds belonging to the United State of America, a	nd being a form of
valuable mineral deposit other tha	n in veins or lodes of quartz or other rock in p	olace, was entered
	of exploration and purchase by	
	Lewis F Ettaw	ageshik
Catazen	USA	
	anited States" or "who has declared his intention to become a citizen	
4		
	acres thereof, and have marked the same	
follows: Beginning at		
(If the land be surveyed land, n	nake the starting point a corner of a rectilinear subdivision of such su	urvevi
(2) 110 1111 11 1111 1111 1111 1111 1111		
15	(post, stone or other monument) where this	
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1,320 feet to a post;	, thence east 600	feet to a
post;	, thence north 1,320	feet to a
post:	, thence west 300	
	taining approx. 20 acres, all in the	
	taining and acres, an in	
Roskruge		
Mining District, in the County of	Plan, in the	State of Arizona,
about	ina	_direction-from-
The SE corner of this	claim is approximately 1,800 fee	et west of th
	T. 14 S., R. 10 E., G.& S.R.M.	
United States [30 U.S.C.A. §21 et.	ons of Chapter Six of Title XXXII, of the Revis seq.] and the laws of the State of Arizona.	ed Statutes of the
Dated and posted on the gro	und this 3 day of July Augus	19 60
8	1 60	a alshik
10/1/ 0//		-11
WITNESS		Howageshi
NOTE—This form of notice survey by rectilinear subdivisions.	is for use upon surveyed lands, the claim must	conform to such
ATE OF ARIZONA, I hereby ce	rtify that the within instrument was filed and recorded	Fee No.
OC.		
n Docket No, Page, at the	request of	Indexed:
en recorded mail to;	Witness my hand and official seal.	Compared:
AND THEORY CANADA SAME.		Photostated:
	County Recorder	Fee: \$
	By	
	Deputy Recorder	I. R. S.: \$

Notice of Mining Location places claim

Place Mining Claim, situate on lar	nds belonging to the United State of America, an in veins or lodes of quartz or other rock in	and being a form of
upon and located for the purpose	of exploration and purchase by	
* 7	Lewis F. Ettawage	Shik
(AC)	tizen of U.S.A)	
(Locator must insert either "a citizen of the Un the undersigned, on the	day of	
	acres thereof, and have marked the sam	
		e on the ground as
follows: Beginning at		
(If the land be surveyed land, m	ake the starting point a corner of a rectilinear subdivision of such	survey)
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at a post 50 feet south	from the post (post, stone or other monument) where the	is notice is posted:
4 200	feet to a post; thence n	
WICH CO.		
	, thence east 600 400	feet to a
	, thence south 1,320	feet to a
post;	, thence West 300 200	
feet to the place of beginning, cont	taining approx. 20 acres, all in th	e
Roskruge		
	Dima : d	- Ctata of Animone
Mining District, in the County of	Pima, in th	
about	ina	
The NE corner of this	claim is approximately 2,400 fe	et west of th
East 1/4 cor. of Sec. 25	5, T. 14 S., R. 10 E., G.& S.R.	M.
All done under the provision	ns of Chapter Six of Title XXXII, of the Revi	ised Statutes of the
	seq.] and the laws of the State of Arizona.	- 60
Dated and posted on the grou	und this 3 day of July Angus	, 19 00
	Tems J. Eltre	
Witness C. Q Ma	Lewis To	EHawages
NOTE—This form of notice is survey by rectilinear subdivisions.	is for use upon surveyed lands, the claim mus	st conform to such
ATE OF ARIZONA, I hereby cer	rtify that the within instrument was filed and records	d Fee No.
	, 19 , at	CI CO CO TO
inty of		
inty of	request of	Indered
inty of	request of	_ Indexed:
n Docket No, Page, at the	witness my hand and official seal.	_ Indexed: Compared:
inty of		
n Docket No, Page, at the		Compared:

Place Mining Claim, situate on land	ls belonging to the United State of America, a	nd being a form of
valuable mineral deposit other than	in veins or lodes of quartz or other rock in	place, was entered
	of exploration and purchase by	
	Lewis F EHAWAGE	ShiK
- (Citiz	en of U.S.A)	
		9
	ded States" or "who has declared his intention to become a citizent day of	
	AUDUST	
	acres thereof, and have marked the same	
follows: Beginning at		
(If the land be surveyed land, mak	e the starting point a corner of a rectilinear subdivision of such s	survey)
wash FO Book mouth	from the post	2 3 58 23
at a post 50 feet north	_(post, stone or other monument) where thi	s notice is posted
thence west 300 feet	feet to a post; thence son	ith
1,320 feet to a post;	, thence east 600	feet to a
post:	, thence north 1,320	feet to a
	, thence West 300	
50963	thence	
feet to the place of beginning, contai	ning approx. 20 acres, all in the	
Rosicruge		
Mining District, in the County of	Pima, in the	State of Arizona
about	in a	direction from
	laim is approximately 2,400 fee	
		2
the SE corner of Sec. 2	5, T. 14 S., R. 10 E., G.& S.R.	.PL
All done under the provisions	of Chapter Six of Title XXXII, of the Reviseq.] and the laws of the State of Arizona.	sed Statutes of the
	는 프리웨스 보호 다른 사람이 있는 것이 되었습니다. 그런 사람이 있는 사람이 되었습니다.	- 60
Dated and posted on the groun	d this day of August	3 ,19
0.5.71	Jewis O. Ellas	registrik
Witness Cl. Yo	was Lewis E Etta	varietik
NOTE—This form of notice is survey by rectilinear subdivisions.	for use upon surveyed lands, the claim must	conform to such
TE OF ARIZONA, I hereby certif	fy that the within instrument was filed and recorded	L Foo No.
SS.	, 19 , atM	1 5 7 5 6
Docket No, Page, at the re	equest of	Indexed:
en recorded mail to:	Witness my hand and official seal.	Compared:
		Photostated:
	County Recorder	Fee: \$
	By	1.00, (1
		I. R. S.: \$

	, 19,	
In Docket No, Page, at the reques When recorded mail to:	Witness my hand and	Composed
	Par.	County Recorder Fee: \$
	Ву	Deputy Recorder I.R.S.: \$
For the consideration of Ten Dollars, and other	t-Claim Der	
nereby quit-claim to		
all right, title, or interest in the following real prop	arty situated in Pima	County Avigana
Those certain unpatented		
The names of which and t		
the location notices the		
County Recorder of Pima C		
REX 9 thru 14	Bk 1654	Page 173-178
Kwen Lun 9 thru 14	1654	179-184
Dated this 17th day of August	, 19_ 60	
	- Lewis	2. Ettawageshik
County of Pima ss.		was acknowledged before me this

man parto I

In Docket No, Page, at the request	of	Indexed:
Then recorded mail to:	Witness my hand and	
		County Recorder Photostated:
	By	Fee: \$
		Deputy Recorder I.R.S.: \$
Quit	-Claim Bee	ed to
For the consideration of Ten Dollars, and other v	valuable considerations, I	or we, Lewis F. Ettawages
ereby quit-claim to		
l right, title, or interest in the following real proper	rty situated in Pima	County, Arizona:
Those certain unpatented	lode and place	r mining claims,
The names of which and th	ne book and page	e number in which
the location notices ther	eof are record	ed in the office of the
County Recorder of Pima Co	ounty, Arizona,	being as follows:
	Bk	Page
REX 9 thru 14	1654	173-178
Kwen Lun 9 thru 14	1654	179-184
ated this 17th day of August	, 1960.	
	1	2 Ellawa geshir
	Junes V	· Mawa gismin
	-	
	mula to the second	was acknowledged before me this
TATE OF Arizona		
ounty of Pima ss.		h,August , 19 60, by
Diago SS.		h,August , 19 60, by

201

STATE OF ARIZONA, I hereby certify t	hat the within instrument was file	ed and recorded Fee No.:
SS.	, 19, at	
In Docket No, Page, at the reque	st of	Indexed:
When recorded mail to:	Witness my hand and officia	d seal. Compared:
when recorded mail to:		
		Photostated:
		runty Recorder Fee: \$
	By	puty Recorder I.R.S.: \$
		Τ.Δ.Ο φ
(1) 111	it-Claim Beed	
For the consideration of Ten Dollars, and other	valuable considerations, I or we,	Lewis F. Ettawageshik
hereby quit-claim to		
all right, title, or interest in the following real proj	perty situated in Pima	County, Arizona:
	1-44 -1	des slades
Those certain unpatented	tode and placer min	ning claims,
The names of which and t	he book and nace nu	nher in which
The mane of within the	me noor one balle me	and well-was
the location notices the	reof are recorded in	n the office of the
County Recorder of Pima C	ounty, Arizona, beir	ng as follows:
	Blk	Been
REX 9 thru 14	1654	Page 173-178
min Junea av	2034	270-270
Kwen Lun 9 thru 14	1654	179-184
		4
Dated this 17th day of August	, 19 60	
Dated this day of		Af
	Tewis .	Clawageshik
	-	
STATE OF Arizona	This instrument was as	huerded and before we thin
D4ma SS.	17th Au	knowledged before me this
County of	day of	, 19, by
	()	M X H
My commission will expire My Commission Expires 1	ov. 5, 1961 Patricia M.	
and communities t	VI. U, 1901	

Mint Do!

40.11 50.53 240,66 30 3.18 1212.80 303.18 962.80 909.62 722.14 40.11 18 32088 4011 72198 50.5 1212.80

4/2 8/2 Drafting Typing & office Legal consultation & Land investigation \$80.00 40.11 40:114 962.30 962.30

STATE OF ARIZONA | I hereby certify that the within instrument was filed for record in County, Arizona Witness my nand and Official Seal.

AMNA SULLINGER County Recorder

Book Dain. hequest of

Paged

Notice of Location LODE

Kwes Lan 10 NOTICE IS HEREBY GIVEN that the lode mining claim was located by 1, 482 - FT4 HGESAFF on 7103 23 74 19 (5) This claim is 1,348 set in length along the vein or deposit of mineral-hearing rock in place and 300 feet in width on each side of the ruddle of sau yein or deposit at which this rotice is poster. The general course of this claim is furth-south and is situated in the Rockings Pine District County, Arizons. This claim runs from the location mondment or stake or which the notice is posted to feet in a Thatherly direction to the Mortin conter end monument or stake and 1,27, feet in a Southor'; direction from the location monument or stake to the OPULSE senter and manument or stake, and is also marked by two corner michainents or stakes at each end of the claim, one on each side of and 300 seet from the center end

nonuments or stakes, making the claim in the form it a pocalleogram, The SE corner of this claim is approximately 2,400 feet west from The Tagt 1/4 cor. of Sec. 25, T. 14 S., R. 10 J., G.A S.R.M. The Twen Lun 10 is bounded by Wies Jun 8, 9, 12 and 23.

We've on the above lines the locality of the claim with enforced unione natural roject is permanent non-ment whereby the claim and be identified. Give the section, to wish a and range if known and all pession the direction and distance from the nearest public sure is making to a savisable to make a sketches, have above sorwing the identification of the claim being an accommend of a local or making.

sc:103x = 114

COUNTY OF 100

I hereby certify that the within instrument was filed for record in County, Arizona

Witness my hand and Official Seal WARA SULLIAULE

AMMA SULLACIA County Reconsar

By Ala was Grange

Date Exquest of Ellaway had a

Notice of Location

MOTICE IS HARREN CEVEN that the KWAN DUN 10

er July 2 de La 19 00

The claim is Michael in leavith along the vein or deposit of painweal-housing rock in clace and the feet in which an each size of the middle of said year or deposit at which this nesses is porce? The general source of this makes in the Posteruge Missing

his care a coordinaction trans. Plant

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County, Arisens The claim runs from the location menument of stab-

countries and another as possed. SO feet in a Straightful direction to the PCTSUL countries are managed or steke and in the SOURCE center and consumer; or stake and in the marked or the source representation of stakes are each one of the claim, one on each side of and 300 feet from the parties company and an action of the claim in the form of a purellelogram.

the MR counter of talk claim is approximately 2,400 feet west from the least 1/3 cor. of Sec. 25, T. LA s., M. 10 R., G.& S.R.M. The Kurba Lon in is decreased by Even Lon S. 9, 12 and 23.

with a case to war at my

Lawis F Ettenageshine

where on the above lines the locality of the claim with reference to some natural object of a pulpert money must whereby the dains can be identified. Give the section, township and range of known and, if possibles the direction and distance from the nearby makes after the advantable to make a skin to a law attack flowing the advantage of a preparation of this is an amortiment of a lace of their constant made and page of according of the laws being immediate.

Juest of: Ettaway ashik

STATE OF ARIZONA

I hereby certify that the within instrument was filed for record in County, Arizona

Witness my hand and Official Seal.

Indexed Paged Bibited

County Recorder

Notice of Location

LODE

NOTICE IS HERENY GIVEN that the seed of the mining claim of the claim is 16 % In length along the vein or deposit of this call bracking rock in place and 300 feet it width on each are of the middle of each vein or deposit of this middle in place and 300 feet it width on each are of the middle of each vein or deposit of this in the is posed. The general course of this claim is the second in the straight of the modern of the course of the middle in the second in which the notice is posted in the feet in a second in the content of stake and feet in a second in the location measurement or stake and feet in a second in the location from the location from the location measurement or stake and feet in a second in the stake and sales marked to the corner measurement or stake and end of the claim, one on each to or and 300 feet from the content and monuments or stakes making the claim in the form to parallel grain.

The first interest in the second in the form to parallel grain.

The first interest in the second in the form to parallel grain.

The first interest in the second in the form to parallel grain.

Laborators

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We take the absorption in addition the distribution of the particle of the par

STATE OF ARIZONA See I hereby certify that the within instrument was filed for record in County, Arizona Book 1000 Filed See 173

Witness my hand and Official Seel. Blotted County Recorder Sequest of:

Independ Blotted By Sta man Annual Security Fee: 100

Notice of Location

NOTICE IS HEREBY GIVEN that the EVER LAM 9 was located by This claim is later in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of and is situated in the POSKI*136 this claim is north-south Pint County, Arizona. This claim runs from the location monument or stake District on which the notice is posted 1,270 feet in a northwarly direction to the morning center and monument or stage and 50 feet in a southerly direction from the location monument or stake to the SOUTH center end monument or stake and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 200 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The ME corner of this claim is approximately 2,400 feet west from the NE corner of Sec. 25, W. 14 S., R. 10 E., G.& S.R.M. The Kwen Lan 9 is bounded on the east by Kwen Lun 7, on the west by Kwen Lun 11, and on the south by Kwen Lun 10.

SITNESS WE U " TE

Lewis F. ETTAWAGESHIK Lewis F. Ettawagistak KRA.

80

mais64 -

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker, it is advisable to make a sketch in the space above, showing the adjoining and overlapping claims, if this is an amendment of a location notice give the name and book and page of recording of the claim being amended.

STATE OF ARIZONA I hereby certify that the within instrument was filed for record in The County, Arizona

Book Date

Witness my hand and Official Seal

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MANY The County Recorder Request of: Lewis J. Ellaw agoship

By He Man Notice of Location

NOTICE IS HEREBY CIVEN that the King In The

lode mining claim

was located by 00 00 00 00 00 00 00 10 00 This claim is 13.22 cet in length along the vein or deposit of mineral-hearing rock in place and 500 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of

(LODE)

111 176 x 3

and is situated in the Landing's

County, Arazona. This claim runs from the location monument or stake on which the notice is posted - . Typeet in a Phillipp - L' direction to the

center end monument or stake and feet in a Start I ! cirector from the location monument or stake to the F 224 center and monument or stake, and is tilsu marked by two corner monuments or stakes at each end of the claus, one on each side of and 300 feet from the reuter on I meauments or clakes making the claim in the form of a parallel grain

The NE corner of this clair is approximately 5,300 met as it to a Lim 11 is bounfed on the past be to not a cuttle west and and thin I, wid on the source by Awar Can 19.

Wite on the above lines the locality of the claim with reference this paper and order or perhapsent among the claim can be identified. Give the section in the case of another and it possible the claim to distance from the nearly the public and the property of the considert make a sketch in the space above showing the adjoining and overlaining these if note any to make a sketch in the hame and book and page of recording of the claim rule of the real time.

FI 16 - . . .

STATE OF ARIZONA

Indexed

Witness my hand and Official Seal.

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STATE OF ARIZONA ss I hereby certify that the within instrument was filed for record in PIMA County, Arizona

ANNA SULLING

Request of: Lewis J. Ellawayship

County Recorder

By Ja Mal Dinnigh

Notice of Location

HODEL

NOTICE IS HEREBY GIVEN that the WWO! LID: 11 was located by a reg in July 25 The 18 S This claim is the feet in length along the vein or deposit of mineral-bearing rock on place and 30 feet it. width on each side of the midnle of said vein or deposit at which this notice is posted. The general course of this claim is twittlefouth and is situated in the ROEKPUSE Mining District, Pina County Arizona. This claim runs from the location monument or stake on which the notice is posted 1. 27 West in a MOPONOPTY cirection to the il. The center end monument or stake and 30 feet in a SOUTHORT! direction from the location monument or stake to the . & DUTA center end monument or stake, and is also marked by two corner monuments or stares at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The NE corner of this claim is approximately 3,000 feet west from the ME corner of Sec. 25, T. 14 S., R. 10 C., G.& S.P.M. The fren

Lun 12 is bounded on the east by Kven Lun 9, on the west by Wven

Locator

tain 1], and on the south by Kwen Lun 12.

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the certion, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the cisim being amended.

26 11 C 2

STATE OF ARIZONA | PACE 1/0 | No. 50C.19

COUNTY OF PIME | See | Introduction of the within in the pime | County | Arisona | Book | Mo. 10 |

Witness my head and Official See! | AMM SULLINGER | Dete: Required of: County | Recorder | Terrisona | 3.6 |

By Ala man Symmeth | Post 1/00

Notice of Location

RECORDS OF MARKET

NOTICE IS HEREBY GIVEN that the Ewen Lam 12 lode mining claim reet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of mproh-south and is situated in the BOOKEPAGE District. County, Arizona. This claim runs from the location monument or stake on which the actice is posted 50 feet in a northerly direction to the ... center and monument or stake and Larro feet in a ... separationarly direction from the corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end manuments or stakes, making the claim in the form of a parallelogram. west The AM corner of this claim is assertable 1,000 foot/from the Shet 1/4 cor, of See, 25, 7, 14 S., R. 10 E., G.& S.R.M. has 12 to bounded on the cast by from Lim 20, on the north by from han 12 and on the west by from Esm 14,

WITNESS: WE W. Cary

Lewis P. Ellewagestur

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

STATE OF ARIZONA COUNTY OF PANA	as instrument in Pana	PAGE 1 /0 pristy that the within was filed for record County, Arizona	No. 50619 Book 1880 1851 176
Inches my hand and	Official Real.	AMNA SULLINGFR County Recorder	Date: Request of: 1 Lewis J. Ellawageship
311	46	By Ada mae of	torneith res: 100

Notice of Location

RECOF ... U.

Rwen Lun 12 NOTICE IS HEREBY GIVEN that the lode mining claim was located by a control of the second of th width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Rocks'uge District. PARK County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a northerly direction to the center end monument or stake and Larro feet in a southwarly direction from the corner monuments or stakes at each end of the claim, one on each aide of and 300 feet from the center end maintments or stakes, making the claim in the form of a parallelogram. The SE corner of this claim is appreximately 5,000 feet/from the Most 1/4 cor, of Sec. 25, T. 14 S., R. 20 E., G.b S.R.M. The Ewen Lum 12 is bounded on the east by Kren Lum 10, on the north by Even Lam 11 amd on the west by form East 14.

WITNESS: WA W. Carry

Lewis P. Ellawa gratut

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

STATE OF ARIZONA PIMA COUNTY OF Witness my hand and Official Seal.

Paged

I hereby certify that the within instrument was filed for record in FIMA County, Arizona

County Recorder

By da mae

Lewis J. Ellawayeshik

Notice of Location (LODE)

NOTICE IS HEREBY CIVEN that the Kwen Lun 13

lode mining claim

him .

was located by 1320 F. ETTAWAGEShik on July 25 Td, 19 60.
This claim is structured in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Roukruge District, Pima County, Arizona. This claim runs from the location monument or stake northerly direction to the north on which the notice is posted 1,270 feet in a center end monument or stake and 50 feet in a Southerly direction from the location monument or stake to the SOUTH center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The NE corner of this claim is approximately 3,600 feet west from

the ME corner of Sec. 25, T. 14 S., R. 10 E., Q.& S.R.M. The Kwen Lun 13 is bounded on the east by Kwen Lun 11 and on the south by Kwen Lun 14.

Write on the above lines the locality of the claim with reference to some natural object or permanent month ment whereby the claim can be identified. Give the section, township and range if known and, if too differ the direction and distance from the nearest public survey marker. It is advisable to make a skelety in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location make, when the name and book and page of recording of the claim being amended.

1651 mil.

STATE OF ARIZONA

I hereby certify that the within instrument was filed for record in pime County, Arizona

Witness my hand and Official Seal.

Indexed Paged Blotted

By La mae Inauth

Deputy

Fee: 100

Notice of Location

NOTICE IS HEREBY GIVEN that the Kwen Lun 13 was located by Lew. 5 F ETTawageshik on July 25 76, 19 00.

This claim is serviced in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Roskruge District. Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1,270 feet in a ... Dortherly direction to the north center end monument or stake and 50 feet in a Southerly location monument or stake to the direction from the SOuth center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The NE corner of this claim is approximately 3,600 feet west from the NE corner of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. The Kwen Lun 13 is bounded on the east by Kwen Lun 11 and on the south by Kwen Lan 14.

WITHESS. WE W Carry

Lewis F. ETTAWAJES). 1.

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location retree, give the name and book and page of recording of the claim being amended.

BUDA 1654 E. 1. 7

800m 1654 PAGE 178

STATE OF ARIZONA COUNTY OF PIMA

I hereby certify that the within instrument was filed for record in County, Arizona in Flight

No. 1654 1960 All 11 Book Date:

Witness my hand and Official Seal.

ANNA SULLIMER County Recorder Request of: Lewis J. Ellawageshik

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myth

Notice of Location (LODE)

Kwen Lun 14 lode mining claim NOTICE IS HEREBY GIVEN that the was located by 325 / ETTAWAGEShile on July 2574, 19 60 This claim is the feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of and is situated in the Roskruge north-south this claim is County, Arizona. This claim runs from the location monument or stake Pinn District. on which the notice is posted 50 feet in a northerly direction to the north center end monument or stake and 1,270 feet in a southerly direction from the location monument or stake to the south center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The SE corner of this claim is approximately 3,600 feet west from the East 1/4 cor. of Sec. 25, T. 14 S., R. 10 R., G.& S.R.M. The Ewen Lun 14 is bounded on the east by Ewen Lun 12 and on the north by Kwen Lun 13.

iTNESS; WE W. caref

Lewis FETTAWAJESKIK Lears & Etters a white

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

890x1654 PAGE 178

STATE OF ARIZONA
COUNTY OF PIMA See instrument in Pims
Witness my hand and Official Seal.

Indexed Paged Blotted

I hereby certify that the within instrument was filed for record in County, Arizona

AMMA SULLINGER County Recorder No.

Book 1654 Page 178

Date: 1980 ABS II AM 9146

Request of:
Zewis J. Ellawazishik

By Ida mar Smith

Notice of Location

NOTICE IS HEREBY GIVEN that the Kwen Lun .lode mining claim was located by the feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-mouth and is situated in the Roskruge District, Pina County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a northerly direction to the Borth center end monument or stake and 1,270 feet in a southerly direction from the location monument or stake to the SOUCH center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. The SE corner of this claim is approximately 3,600 feet west from the East 1/4 cer. of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. The Kwen Lun 14 is bounded on the east by Even Lun 12 and on the north by Ewen Lun 13.

WITHESS: W& W. Carry

Levis A Othersageship

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space, above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

TO ALL WHOM IT MAY CONCERN:

Place Mining Claim, situate on lands belowally his mineral deposit of her than in	onging to the United State of Amer	ica, and being a form o
valuable mineral deposit other than in ve		t in place, was entere
upon and located for the purpose of exp		
Lewis F.	ETTAWAgeshik	
the undersigned, on the	day of July	titizen of the United States", 19 60
claim20a	cres thereof, and have marked the	same on the ground a
follows: Beginning at		
(If the land be surveyed land, take the sta	arting point a cutner of a rectilinean subdivision of	such survey
at a post 50 feet south (por	om the post	e this notice is posted
thence west 300	feet to a post; thence	
1,320 feet to a post;	thence east 600	feet to .
post;	thence Bouth 1,320	feet to
post;	, thence west 300	
feet to the place of beginning, containing	approx. 20 acres, all in the	9
Roskruge		
Mining District, in the County of	Pima	the State of Arizona
about	in a	direction-from
The NE corner of this claim	is approximately 2,400	fee. west from
the NE corner of Sec. 25, T.	14 S., R. 10 E., G.& S.	R.M.
All done under the provisions of Cl United States [30 U.S.C.A. §21 et. seq.] ar	od the lawe of the State of Arizon	
Dated and posted on the ground this	25 Havor July 2	Thurson Like
WITNESS: WE'N Carry	Lewis F. E	Taman Lik
NOTE—This form of notice is for use survey by rectilinear subdivisions.		
TE OF ARIZONA, I hereby certife that the service of PIMA servi	the within in springers was Fig.	
Docket No. 1 454, Page 172, at the request of	Tears of Marine	Andrew !
#10 orded mail:_	Witness our new approximation ,	+ 0 763
	ANN CIT IS	

TO ALL WHOM IT MAY CONCERN:

Place Mining Claim, situate on la valuable mineral deposit other tha	ands belonging to the United State of America, and being a form on in veins or lodes of quartz or other rock in place, was entered
	of exploration and purchase by
	F. ETTAWAgeshik
Locator must insert either "a citizen of the Ur the undersigned, on the	nited States" or "who has deciared his intention to become a citizen of the United States", day of July
	acres thereof, and have marked the same on the ground a
follows: Beginning at	
(If the land be surveyed land, 1-	ake the starting point a corner of a rectilinear subdivision of such survey;
	from the nost
at a post 50 feet south	(post, stone or other monument) where this notice is posted
thence West 300	feet to a post; thence north
1,320 feet to a post;	, thence east 600 feet to
post;	, thence south 1,320 feet to
post;	, thence west 300
feet to the place of beginning, contra	aining approx. 20 acres, all in the
Roskruge	
Mining District, in the County of_	Pima , in the State of Arizons
about	in a= direction-from
The NE corner of this c	laim is approximately 2,400 fee. west from
the NE corner of Sec. 2	5, T. 14 S., R. 10 E., G.& S.R.M.
All done under the provision United States [30 U.S.C.A. §21 et.	ns of Chapter Six of Title XXXII, of the Revised Statutes of the seq.] and the laws of the State of Arizona
Dated and posted on the grou	seq.] and the laws of the State of Arizona and this 25 day of July 2.5 It 1960 Tuvis J. Ellawagus hak
WITNESS! WE W Care	Lewis J. Cllawagishik
	Lewis F. ETAWAgeshik
sarvey by recommen subdivisions.	
	All 9:47 19
TE OF ARIZONA, I hereby cert	
nty of PINA ss 1 hereby cert and of PINA ss 200 AUG	request of Flavis F. Ettawayis to the
Docket No. 1654, Page 179, at the recorded mail to:	Witness my hand and official and official and

Notice of Mining Cocation

TO	ATT	WHOM	IT	MAV	CONCERN:	
10	Children	MADOM	4.4	TARLET	CONCERN	i

This Placer Mining Claim, the name of which is the Rox 10

Place Mining Claim, situate on lands belonging to the United State of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered

upon and located for the purpose of exploration and purchase by

Lewis F. ETTAWAgeshik

the undersigned, on the	day of July 23	19 60
L claim	20 acres thereof, and have mark	ed the same on the ground as
follows: Beginning at		8 8 8 9
If the land be surve	eyed land, make the starting policit a corner of a rectificear and	division of such success
=	# 3 - 24 - Conseq	
ata post 30 feet of		where this notice is posted:
thence Wast. 300	feet to a post; t	hence south
1,320 feet to .	post; sneare exet to	US territorio
post;	comme north 1	
post;	- thence trans 57	3
feet to the place of beginning	ing, containing approx. 20 mere all	the the
Roskruse		
Mining District, in the Cor	unity of Page 3	, it has State of As some
about	DEST	নাচৰ প্ৰচাৰ চিন্দান
The SE come of t	Svis clude to approve thatel 2	AND E OF A TO FROM
the East 1/2 co.	or 9 . 20. 7. 14 S., 1. 10 T	7 Q.A S.Y.A.
All done under the United States [36 HSC,A	provisions of Chapter So. of Title XXXII. \$21 or seq) and the lass of the State of	of the Revent Segueral - In
Dated and posted on	the ground this day of July	25
	Lewis 2	Etterrayestick
witness: we w	Carry Lewis F.	ETTAWASESHIR
NOTE The form of survey by rectilinear saled	Continues for our many of each hards, the	
OF CF ARIZONA.	Manager of the state of tempera	
Dicket No.2654 Pape 13	Carmon marion with in all in	Top with the
en recorded u.anl te	Volume is band or form	
en (e meden man de	N/AVA	P' etc. with

Notice of Mining Cocation placer claim

TO	ATT	WHOM	E/St.	3.6 A 37	CONCERN:
LU	ALLE	WHUM	LL	MAY	CONCERN:

Place Mining Claim, situate on lands belo valuable mineral deposit other than in vei	onging to the United State of America,	and being a form o
upon and located for the purpose of exp		
	ETTAWAgeshik	
7	- Z I Awayeshik	
***************************************		-
the undersigned, on the	or who has declared his intention to become a citize	n of the United States")
	cres thereof, and have marked the same	e on the ground a
follows: Beginning at		
(If the land be surveyed land, make the sta-	rting point a corner of a rectilinear subdivision of such a	urvey)
ata post 50 feet north (pos	om the post (, stone or other menument) where this	s notice is posted
thence west 300	feet to a post; thence so	
1.320 feet to a post;	thence east 600	feet to a
post	thence north 1,320	feet to a
posti	thence West 300	
feet to the place of beginning, containing	approx. 20 acres all in the	
Roskruge		
Mining District, in the County of Pin	a :	Dist of Asimo
about.	hra:	State of Arizona.
The SE corner of this claim 1		west from
the East 1/4 cor. of Sec. 25,		
United States [30 U.S.C.A. §21 et. seq.] and	apter Six of Title XXXII, of the Revise d the laws of the State of Arizona.	ed Statings of the
Dated and posted on the ground this	day of July 25	10 60
	Lewis ? Ettaw	austik
wiTNESS: WE W. Carry	Lewis F. ETTAW	agesti-
NOTE—This form of notice is for use	upon surveyed lands, the claim was:	or form to soch
survey by rectilinear subdivisions.		
THE OF ARIZONA.	Swith Constrament was they be been used	Pres. No.
Docket No 1694 Page 180 at the request of	Lewis & to Allingation A	0.50
en recorded mail to:	Witness my hand and official to a	re- save ed
	ANNA SULT VOLV	Perik magen
	B. wha max formeth	For 8 -
X 11	B. oda ma fromth	100 3

Leim No. 16 NOTICE OF LOCATION

TO ALL WHOM IT MAY CONCER	TO	ALL	WHOM	IT	MAY	CONCER	N
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ace Mining Claim, situate on lands be aluable mineral deposit other than in ve	onging to the United State of America, and being a sins or lodes of quartz or other rock in place, was o	form of

This Placer Mining Claim, the name of which is the Rex 11

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Lewis F.	Ettawageshik	Part of the
	ed States" or "who has declared his intention to become a citize	
the undersigned, on the	day of July	, 19_6
claim_20_	acres thereof, and have marked the same	e on the groun
follows: Beginning at		
	e the starting point a corner of a rectilinear subdivision of such s	urvey
	from the nost	
at a post 50 feet south	(post, stone or other monument) where this	s notice is pos
thence_west 300	feet to a post; thence no	orth
1,320 feet to a post;	thence east 600	feet
post;	thence south 1,320	feet
post;	. thence west 300	
feet to the place of beginning, contain	ning approx. 20 acres, all in the	
Roskruge		
Mining District, in the County of	Pima . in the	State of Arizo
about-	in	directionsis
The NE corner of this clo	in is approximately 3,000 feet	
	T. 14 S., R. 10 E., G.& S.R.	
All done under the provisions United States [30 D.S.C.A. \$21 et. se	of Chapter Six of Title XXXII, of the Revis	ed Stature, :
Dated and posted on the ground	i this 25 day of July	_ In 6
W Carry	*	
Ness Letti.	5 F. Ett. wages. k	
	or use upon surveyed lands. The El	o com to
TE UF ARIZONA, Lbereby certif	s that the within in triument was the RM 9:47	(<u>)</u>
(1) 01	quest of Jewis I Ettersen in 4	1/4 T
recorded mail to:	Witness my hand and melon	
- 1. Seden man (b)	ANA	4.
	A COLOR OF THE COL	1500 (1975)
	Court: Re	

Notice of Mining Cocation Placer Claim

TO	ALL	WHOM	IT	MAY	CONCERN
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Place Mining Claim, situate on lands by valuable mineral deposit other than in	The second of the second secon	LA III DIACE. Was onto
upon and located for the purpose of e	xploration and purchase by	The state of the s
Lewis F.	- 1721112222-1 6	
	17031114	
Locator must insert either "a citizen of the United Sta	ites" or "who has declared his intention to become	
9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	day of July	10 60
elaim 20	acres thereof, and have marked the	same on the ground
follows: Beginning at		
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- The same same same same same same same sam	scarting point a corner of a reculinear subdivision of	such survey (
at a post 50 feat south (po	rom the post	e this notice is unclear
thence west 300	feet to a post; thence	north
1,320 feet to a post;	, thence east 600	
post;	thence south 1,320	
post;	thence West 300	- feet to :
feet to the place of beginning, containing.		
Roskruge	acres, all in th	6
Mining District, in the County of Pu	ma -	
about.	, in	the State of Amzona.
	- Ithan	drectionsfrom
The NE comer of this claim t	is approximately 3,000 for	eet at from
the NE corner of Sec. 25, T.		
All done under the provisions of Ch United States [30 U.S.C.A. §21 et. seq.] an	and right of Williams	r on i Stateman in the
Dated and posted on the ground this.	25 day of July	17 30
W Carry Lewis	-3/	
NOTE—This form of making it	F. Ettawn je som	€ .
NOTE—This form of notice is for use survey by rectilinear subdivisions.	upon surveyed lamis, the class n	300
TE OF ARIZONA. SS. 960 AUG II AH	S:47	
Docket No. 1654, Page 18/, at the request of	Lewis 2 Ett -	
	Witness my hand and and	(
всок 1654 PASE 181 Д.\$	By Selection of Depote the	

Notice of Mining Location Placer Claim

TO ALL WHOM IT MAY CONCERN:

TO THE STATE OF TH		
	s belonging to the United State of America in veins or lodes of quartz or other rock i	a, and being a form on place, was entere
upon and located for the purpose of		
Lewi	5 F Ettawage	shik
Locator must insert either "a citisen of the United	1 States" or "who has declared his injention to become a cit	iten of the United States"
the undersigned, on the	day of July 23	, 19 60
claim20	acres thereof, and have marked the sa	me on the ground a
follows: Beginning at		
. (If the land be surveyed land, make	the starting point a corner of a rectilinear subdivision of suc	h survey!
at a post 50 feet north	from the post (post, stone or other morament) where t	
A STATE OF THE STA	feet to a post; thence s	ou <u>th</u>
1,320 feet to a post;	thence east 600	feet to a
posti	, thence north 1,320	feet to a
	thence West 300	reet to a
Roskruge	ing approx. 20 acres, all in the	
about	in th	e State of Arizona.
	ma-	tinemionicom
The SE corner of this clai	im is approximately 3,000 fee	t west from
the East 1/4 cor. of Sec.	25, T. 14 S., R. 10 E., G.&	3.R.M.
All done under the provisions o United States [30 U.S.C.A. §21 et. seq.	f Chapter Six of Title XXXII, of the Revi	sed Statutes of the
302 00 304,	and the laws of the State of Arizona.	
Dated and posted on the ground t	this 25 day of July	sed Statutes of the
Dated and posted on the ground to	this 25 day of July	
Dated and posted on the ground to w. Carry Lewis Lewis	this 25 day of July Chawa 365 his E 4 awa gestua	
Dated and posted on the ground to w. Carry Lewis Lewis	this 25 day of July	
Dated and posted on the ground to the ground	this 25 day of July Thawa 365 his E Gawageshia use upon surveyed lands, the claim mass	10 60
Dated and posted on the ground to the ground	this 25 day of July this 25 day of July Thawa 365 his E Garrage Shid use upon surveyed lands, the claim mass her heavith instrument was filed and as	\ = 60
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Dated and posted on the ground to the ground	this 25 day of July this 25 day of July that I famo gestud use upon surveyed lands, the claim man	onloim to such
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Dated and posted on the ground to the ground	this 25 day of July Chains 263 his Tawa gentral use upon surveyed lands, the claim mass higher ith instrument was filed or jess 19at withess my hand and official second	onform to such
Dated and posted on the ground to the ground	this 25 day of July this 25 day of July thawa 365 his E thawa 965 his use upon surveyed lands, the claim mass higherith instrument was filed and a 19 at	conform to such

Notice of Mining Cocation

TO	ALL	WHOM	IT	MAV	CONCERN

This Placer Mining Claim, the name of which is the Rex 12 Place Mining Claim, situate on lands belonging to the United State of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purpose of exploration and purchase by-Etta wageshik thocator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States he undersigned, on the day of July 23 19 60 the undersigned, on the ___claim 20 acres thereof, and have marked the same on the ground as follows: Beginning at__ (If the land be surveyed land, make the starting point a corner of a rectilinear subdivision of such survey at a post 50 feet north (post, stone or other morament) where this notice is posted; thence west 300 feet to a post; thence scattle 1,320 feet to a post; thence east 600 feet to a post: . thence no: th 1,320 feet to a post: , thence West 300 feet to the place of beginning, containing applox. 20 acres, all in the Roskruge Mining District, in the County of Pine . in the State of Anzona . The SE corner of this claim is approximately 3,000 feet west from the East 1/4 cor. of Sec. 25, T. 14 S., R. 10 S., G.& 3.R.M. All done under the provisions of Chapter Six of Title XXXII, of the Revised Statute of the United States [30 U.S.C.A. §21 et. seq.] and the laws of the State of Arizona Dated and posted on the ground this 5 day of July Ju fal Lewis & trawa 3 comes W. Carry Lewis F Etawagestus NOTE—This form of notice is for use upon surveyed lands, the claim and the form to survey by rectilinear subdivisions STATE OF ARIZONA, ss 1960 Alerrick the the cithe distrument was the County of Plan In Docket Nol 654, Page 182 at the request of Ferris Ettante and When recorded mail to Witness my hand and arrives a ... ALRE LILETA

TO ALL WHOM IT MAY CONCERN:

Place Mining Claim, situate on la valuable mineral deposit other tha	nds belonging to the United State of America, in in veins or lodes of quartz or other rock in	and being a form on place, was entered
upon and located for the purpose	of exploration and purchase by	,
Lewis	F. E Hawagesh	it
	day of July 2574	
	acres thereof, and have marked the sar	
(If the land be surveyed land, n	nake the starting point a corner of a rectilinear subdivision of suc	h survey)
at a post 50 feet south	(from the post monument) where t	his notice is posted
thence west 300	feet to a post; thence n	orth
1,320 feet to a post;	, thence east 600	feet to
	thence south 1,320	
7	thence West 300	
	taining approx. 20 acres, all in the	
Roakruge		
Mining District, in the County of	Pima in t	he State of Arizon
about-	in a	direction-from
	claim is approximately 3,600 fe	
	25, T. 14 S., R. 10 E., C.& S.H	
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United States [30 U.S.C.A. §21 et.	ons of Chapter Six of Title XXXII, of the Research seq.] and the laws of the State of Arizona.	visea Statutes of th
Dated and posted on the gro	und this 25 day of July	19 60
E W. Caneer J	Lewis ?! Etternagestut	
	wis. F. Ettawages	hit
	s for use upon surveyed lands, the claim mu	
survey by rectilinear subdivisions		
	rtify that the within instrument was filed and secon	i i Or N.
inty of Plana ss 1960 AU	G 11 AM 9:48 19	St. 11. 11.
Docket No. 1654, Page 18 3at the	request of Lewis J. Ethoway la	es to
en recorded mail to:	Witness my hand and official soal	A Captres
tendraca matt w.	AATTA WILLINGER	ir doctas. T
	/ County Records	11.11.
890K 1654 PAGE 183	11 B. Slota must mught	

TO ALL WHOM IT MAY CONCERN:

This Placer Mining Claim, the name of	which is the Rex 13	
Place Mining Claim, situate on lands belonging valuable mineral deposit other than in veins of	ng to the United State of America or lodes of quartz or other rock i	, and being a form of n place, was entered
upon and located for the purpose of explora		
Lewis F.	EHawagesh	it
Locator must insert either "a citizen of the United States" or		
the undersigned, on the	day of July 25 Th	, 19. 60
claim 20 acres	thereof, and have marked the sa	me on the ground as
follows: Beginning at		
(If the land be surveyed land, make the starting	point a corner of a rectilinear subdivision of suc	h survey
at a post 50 feet south (French	one or where monument) where	this notice is posted;
thence west 300	feet to a post; thence r	orth
1,320 feet to a post;	thence east 600	feet to a
postj	thence south 1,320	feet to a
post;	. thence West 300	
feet to the place of beginning, containing. 201	prox. 20 acres, all in the	
Roskruge	1	
Mining District, in the County of Pina	in t	ne State of Arizona,
about -	i n a	-da ection divan
The NE corner of this claim is	approximately 3,600 fe	er west from
the NE corner of Sec. 25, T. 14		
All done under the provisions of Chapt United States [30 U.S.C.A. §21 et. seq.] and t	he laws of the State of Arizona.	
Dated and posted on the ground this. A	25 day of Vary	, HEC
E. W. Carey Terris	2. Ottowagestet	Y.
itness Lewis	F Ettoways	hek
NOTE—This form of notice is for use up survey by rectilinear subdivisions.		
ATE OF ARIZONA, I bereby certify that the venty of PIMA SS 1960 AUG 11 AM	within instrument was 44 for the re-	- T
Docket No. 1654 . Page 18 3at the request of	enis & Etheway .	· · to
	itness my hand and official some	The state of the s
	Sounts Hyeren	
165A 751V	at the same in the	

TO	ATT	TATES OF THE	R. L. B.	MAN	CONCERN:
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ence west 300 ,320 feet to a post; est; et to the place of beginning, containing applications postering to the country of Pima out e SE corner of this claim is a second to the country of the country of this claim is a second to the country of the count	the post feet to a post thence thence thence thence thence thence thence thence	tion to become a cit tion to become a cit ar subdivision of suc thence thence thence thence thence thence	me on the general this notice is	is posted
Locator must insert either "a citizen of the United States" or "de undersigned, on the	the post feet to a post thence nor thence thence thence thence	marked the same a subdivision of succession where the same subdivision of succession that subdivision that subdiv	me on the general state of the united state of	ground a
claim 20 acres claim 20 acres claim 20 acres llows: Beginning at (Note and be surveyed and, make the starting parts) a post 50 feet north (passes) ence west 300 320 feet to a post; et to the place of beginning, containing applications of the place of this claim is a post 1/4 cor, of Sec. 25. To	the post feet to a post thence nor thence thence	marked the same a cut of the same are subdivision of successions are subdivision of successions where the same subdivision of successions are subdivisions are subd	me on the general state of the united state of	ground a
claim 20 acres claim 20 acres claim 20 acres llows: Beginning at (Note and be surveyed and, make the starting parts) a post 50 feet north (passes) ence west 300 320 feet to a post; et to the place of beginning, containing applications of the place of this claim is a post 1/4 cor, of Sec. 25. To	the post feet to a post thence nor thence thence	marked the same a cut of the same are subdivision of successions are subdivision of successions where the same subdivision of successions are subdivisions are subd	me on the general state of the united state of	ground a
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a post 50 feet north (prometer of this claim is a post 1/4 cor. of Sec. 25, T.	the post feet to a post thence nor thence there	ment) where to the to the total the	this notice	is poste
a post 50 feet north (prometer of this claim is a seat 1/4 cor. of Sec. 25. T.	feet to a post , thence nor , thence nor	ment) where in the control of the co	this notice	is poste
a post 50 feet north (post) ence west 300 .320 feet to a post; est; et to the place of beginning, containing applications post; ining District, in the County of Pima out the SE corner of this claim is a second of this claim.	feet to a post , thence nor , thence nor , thence west	ment) where to the to the total total to the total total total to the total to	this notice	is poste
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e SE corner of this claim is a		in t	the State of	Arizon
e SE corner of this claim is a		, 141		
Sast 1/4 cor. of Sec. 25, T.				וסיו חסו
				from
	14 S., R. 1	O E., G.&	S.R.M.	
All done under the provisions of Chaptenited States [30 U.S.C.A. §21 et. seq.] and the	er Six of Title XX ne laws of the Sta	XII, of the Re te of Arizona.	vised Statu	tes of th
Dated and posted on the ground this	S day of Jul	Υ		1960
W. Carey Levels of	Ellewing	ruit	,	
THESS Lewis	F FH	ungesh	1.1	
NOTE—This form of notice is for use uporvey by rectilinear subdivisions.		/		to suc
OF ARIZONA, I heraby pertire that the	ithin instrument was	filed and record	de F No.	
of PIMA	19at		Y	107.24
ocket No. 54 Page 184, at the request of X	wis J. Et	aurages	Cast some to	***
recorded mail to:	itness my hand and o	fficial seal	w pro	oli or
Conded Itali VI.	4Ntat	SULL MUCH		
<i>j</i> =		County Records	13.00 \$	-
E By	Irla mer	drujte	_	

TO A	LL	MOHW	IT	MAY	CON	CERN:
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valuable mineral deposit other	n lands belonging to the United State of than in veins or lodes of quartz or oth	I America, and being a form of her rock in place, was entered
	pose of exploration and purchase by_	
	ewis F. Ettaw	
	F: Kant 1000	a demy
	the United States" or "who has declared his intention to	
the undersigned, on the	de of July 23	- <u>Th</u> , 19 60
	acres thereof, and have mark	ed the same on the ground a
(If the land be surveyed h	and, make the starting point a corner of a rectilinear subo	division of such survey;
at a post 50 feet nort	h from the post) where this notice is posted
thence West 300	feet to a post; th	nence south
1,320 feet to a post	thence test 600	0feet to
	thence north	
post;	thence West 300	2 .
feet to the place of beginning,	containing approx. 20 acres, all in	the
Roskruge		
Mining District, in the County	of Wirms	
	01	in the State of Arizona
about	नीत्र व	direction from
The SE corner of this	claim is approximately 3,0	600 fer" west from
the Mest 1/4 cor. of	Sec. 25, T. 14 S., R. 10 F.	., G.& S.R.M.
All done under the prov	isions of Chapter Six of Title XXXII, of	of the Revised Statutes of the
United States [30 U.S.C.A. §21	et. seq.] and the laws of the State of	Arizona
Dated and posted on the	ground this 25 day of July	1960
M. W. Carey 7	we I Ellawage fin	1
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Docket No. 54 Page 84 at	the request of Lewis 3. Ettaur	
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en recorded mail to:	Witness my hand and official s	eal w parel
	MANA SILL OF	CEN STATE OF
	By Sala me the	ty Recorder

VICTOR H. VERITY
ATTORNEY AT LAW
RECEIVED JUL 24 1860
July 23, 1960

Mr. Walter E. Heinrichs, Jr.
Heinrichs Geoexploration Company

P. O. Box 5671 Tucson, Arizona

Dear Walt:

This will confirm our conversations regarding the location of mining claims in the Roskruge Mining District of Pima County.

Sec. 25, T. 14 S., R. 10 E.

On July 18, 1960, Mr. Gerald G. Kelly of the law firm of Musick, Peeler & Garrett phoned and requested me to prepare lode and placer mining claim location notices to cover the E 1/2 and E 1/2 NW 1/4 of Sec. 25. I prepared 24 lode claim notices using the name Kwen Lun 1, Kwen Lun 2, etc., suggested by Mr. Kelly. He told me that he would phone you also and give instructions about the field work. Grover came by my office early on the morning of the 19th and picked up the lode claim notices. On the 19th I prepared 24 placer claim location notices designating them the Rex 1, Rex 2, etc. through Rex 24. The Rex 1 covers the identical ground as Kwen Lun 1, and so on through number 24. I checked the records at the Pima County Courthouse and from the recorded United States patents verified that the above-described ground was all acquired as stockraising homesteads under the Act of 1916 with reservation of minerals to the United States and therefore open to mineral entry.

On the morning of the 20th Grover came by my office with Bill Marlatt and picked up the 24 placer notices. He informed me that it had not been possible to find the section corners for Sec. 25 and that lines must be run from other section corners. The lode and placer notices will be posted as each location post is erected.

I carefully checked the description in each location notice but as a double check asked Grover to personally examine each notice and make sure the ground is correctly described. I requested that each notice (original and duplicate) be signed by Grover or the employee posting the notice and the name of

the locator and the date be inserted at the indicated places. When the notices have been posted, will you please record a copy at the Pima County Recorder's Office and either pick them up when recorded and deliver to my office or request the recorder to mail them to me.

Secs. 34 and 35, T. 14 S., R. 10 E.

Mr. Kelly phoned me the latter part of the afternoon on the 18th with instructions that I phone and explain to you his plan for locating claims on these two sections. In a call to you I explained it was his request that you arrange to have secs. 34 and 35 examined on the surface for evidence of work that would indicate if the locators of previous claims were holding the ground by performance of annual assessment work. He asked me to check the courthouse records to see if an affidavit of performance of assessment work had been recorded.

At the courthouse I found the recorded location notices for the Mag 3 through Mag 20 claims, located October 5, 1956 by Rugg, Hicks and Bell, by Norman Eastmoore, Agent. These were recorded on October 24, 1956 in Docket 1048, pps 260-277. I searched the index of miscellaneous records where such affidavits are indexed under the name of the claim but found nothing recorded for the "Mag" claims up to the morning of Tuesday, July 19.

Assuming that all required location work was performed and that these claims were validated by a discovery of mineral, they could have been held through the assessment year ending July 1, 1958. If the required work was not performed for the year ending July 1, 1958, the ground became open for location at noon July 1, 1958 and remained open unless work was resumed prior to the time you locate the ground. (I am assuming third parties have not intervened).

If you do not find evidence of assessment work having been performed, will you then locate the ground by both lode and placer claims. Mr. Kelly told me that you would know the description of the ground to be located, being the same as that on which you had previously worked. From a map before him he stated that it would cover possibly all of sec. 34 except certain lots running down the west side and across the south of the section. In sec. 35 he was sure that it would cover the N 1/2, E 1/2 SE 1/4, and NW 1/4 SE 1/4. The recorded location notices for Mag 3 through 20 show Nos. 3-18 to be in sec. 34 and Nos. 19 and 20 in sec. 35. I suggested to you that two men make the field examination of secs. 34 and 35 and report to you in writing on their findings.

Mr. Kelly told me in a phone conversation on July 21 that it would not be necessary to search the record to determine the mineral status of secs. 34 and 35. In the course of my search of the record for sec. 25-14-10 I came across some information about sec. 35. Patent was issued to Juan Montano on January 26, 1916 without reservation of minerals to the United States of the following land: SW 1/4 of sec. 25, E 1/2 SW 1/4 of sec. 26, and E 1/2 NE 1/4 of sec. 35, all in T. 14 S., R. 10 E. At least the E 1/2 of the NE 1/4 of sec. 35 is closed to mineral entry.

Sec. 31, T. 14 S., R. 11 E. - S 1/2 Sec. 1, T. 15 S., R. 10 E. - NE 1/4 Sec. 12, T. 15 S., R. 10 E. - NE 1/4 and E 1/2 NW 1/4

As part of the Donaldson deal it has been agreed to provide location notices covering the above-described land in secs. 31, 1 and 12, to Mr. Ed Jenkins, a Tucson surveyor. I have left word at my office to inform him that I am out of town and to contact you and get the notices. After you talk to Mr. Jenkins will you please prepare the notices and if you have any questions please phone Mr. Kelly in Los Angeles, Madison 9-3322. You are not to survey the claims nor post these notices. It is up to the landowner and his surveyor to do that.

Very truly yours,

Victor H. Verity

cc-Mr. Gerald G. Kelly

Walt: If you do not hem
from Jenkins by Moday I sugged
you shove him and find and
what he wants done so you
can wrap this deal up. Vin

VICTOR H. VERITY ATTORNEY AT LAW 2207 EAST WAVERLY STREET TUESON, ARIZONA July 19, 1960 Mr. Grover Heinrichs Heinrichs Geoexploration Company P. O. Box 5671 Tucson, Arizona Dear Grover: I hand you location notices in duplicate for 24 lode mining claims named the Kwen Lun 1 through Kwen Lun 24, covering the E 1/2 and the E 1/2 of the NW 1/4 of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M., Pima County, Arizona. When you are in the field please insert your name as the locator, the date, and sign at the bottom. Post the original on the ground and return the duplicate to me. I will record the duplicates. I call your particular attention to Kwen Lun 13 and 14. These notices must be posted east of the north-south center line of the NE 1/4 of Sec. 25-14-10. The location notices for Kwen Lun 23 and 24 must be posted east of the north-south center line of Sec. 25-14-10. The size of the claims was discussed with Walt yesterday and we agreed they should be 1,320 feet x 600 feet. This will serve as a lode claim, will not exceed the 20-acre limit to a placer claim, and will conform to the north-south dimension of a section. I will prepare placer location notices today and phone your office when they are ready. They can be posted at the same place on each claim as the lode notice when you go out in the field on the 20th. The lode notices are the important ones, and Mr. Kelly is very anxious that the ground be covered as rapidly as possible. Corner and center end monuments can be erected later. Very truly yours, Victor H. Verity cc-Mr. Gerald G. Kelly

VICTOR H. VERITY ATTORNEY AT LAW 2207 EAST WAVERLY STREET TUESON, ARIZONA EAST 5-3448 July 19, 1960 Mr. Grover Heinrichs Heinrichs Geoexploration Company P. O. Box 5671 Tucson, Arizona Dear Grover: I hand you location notices in duplicate for 24 placer mining claims named the Rex 1 through Rex 24, covering the E 1/2 and the E 1/2 of the NW 1/4 of Sec. 25, T. 14 S., R. 10 E., G. & S. R. M., Pima County, Arizona. The original of each of the enclosed placer location notices is to be posted at the same place as the corresponding Kwen Lun 1 through Kwen Lun 24 lode claims. Please insert the name of the locator, the date, and have the locator sign at the bottom. Return the duplicates to me and I will record them. Very truly yours, Victor H. Verity cc-Mr. Gerald G. Kelly

ELVON MUSICK
JOSEPH D. PEELER
LEROY A. GARRETT
JOHN M. ROBINSON
MANUD P. WILSON
HAVID P. EVANS
JAMES E. LUDLAM
GERALD G. KELLY
ALBERT MOSHER
E. LEROY TOLLES
GERALD G. KELLY
HARLES T. MUNGER
JESSE R. O'MALLEY
BRUCE E. CLARK
MURRAY S. MARVIN
STUART T. PEELER
RALPH E. PEICKSON
CHARLES F. FORBES
THOMAS J. REILLY
RODERICK M. HILLS
MELVIN H. WILSON
CHARLES H. TILLINGHAST
RICHARD D. ESBENSHADE
RICHARD T. APEL
KENNETH E. SCOTT
FREDERICK B. WARDER, JR.
BRUCE A. BEVAN, JR.

LAW OFFICES

MUSICK, PEELER & GARRETT

621 SOUTH HOPE STREET

LOS ANGELES 17

MADISON 9-3322

August 29, 1960

RECEIVED AUG 31 1960

Mr. Walter E. Heinrichs, Jr. Heinrichs Geoexploration Company P.O. Box 5671 Tucson, Arizona

Re: Roskruge Project

Dear Mr. Heinrichs:

Enclosed herewith is check in the amount of \$1,231.24 in payment for your charges and expenses re the above matter as per your statement of August 12, 1960.

With best personal regards,

Very truly yours,

Gerald G. Kelly

for MUSICK, PEELER & GARRETT

GGK:hs Encl.

Geoex Copy Township 145 N. M. P. M. Pima County, ARIZ 4/21/60 ? indicates B.L.M. records not checked PAPAGO IND. RES. DONALDSON SURFACE

DONALDSON SURFACE & MINERAL

STATE SURFACE & MINERAL

October 11, 1960

Mr. W. J. Rundle Cyprus Mines Corporation 1200 Pacific Mutual Building 523 West 6th St. Los Angeles, California.

Re: Roskruge Project Pima County, Ariz.

Dear Bill.

The present status of the Roskruge Project as I know it, is as follows:

Heinrichs Geoexploration Co. located both placer and lode claims in the open ground of Sec. 25, T 14 S, R 10 E, (East half and East half Northwest quarter, see enclosed map) in the name of Lewis Ettawageshik on July 25, 1960. We did not record any of the claims in the East half of Sec. 25, however we did record all the claims in the East half Northwest quarter. This was at Mr. Donaldson and Mr. Kelly*s instructions via telephone. Sections 34 and 35 were inspected in August to see if any recent activity was evident by any third parties and no activity was noted.

Payment in full was received from Mr. Kelly, Aug. 29, 1960 for the above services.

The following information is of record in the Pina County Court House:

Cl	aim/Nan	ne	Location		Recorded date	Book	Page
Kwe	n Lun	9 Lode	Sec. 25, T	14 2	Aug. 11, 1960	1654	173
	11	10 11	R 10 E		d d	- 44	174
	11.	LL	11		38	11	175
	41]	12 "	6.6		31	14	176
	er 1	13 "	13		11	14	177
	11 1	14	11		18	14	178
Rex	9	Placer	4.6		11	11	179
1.6	10	11	34		-19	11	180
1.8	11	11	**		-0.	14	181
11	1.2	. 41	31		39	11	182
**	13	11	14		13	**	183
11	14	11	18		H	11	184

To my knowledge no pit work has been done on any of

Page 2 - Mr. Rundle - Oct. 11, 1960

these claims, but of course this should be verified with Mr. Donaldson.

The enclosed map is for your file and information. If you have any questions please let me know.

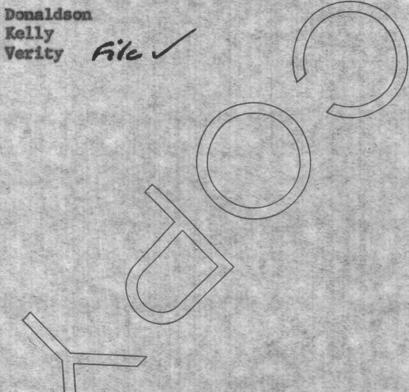
Very truly yours,

E. Grover Heinrichs, Vice-Pres. Heinrichs Geoexploration Co.

EGH: cp

ec: Donaldson

Kelly



August 12, 1960 Mr. Gerald G. Kelly Musick, Peeler & Garret Pacific Finance Building Los Angeles, California Re: Roskruge Project, Pima County | Arizona

Dear Mr. Kelly:

621 South Hope

Enclosed is our billing to date on the Roskruge Project.

The status of the project is as follows:

Sec. 25, T14S, R10E, Pima County. Exclaimed as per attached map. Placer only according to instructions of John Donaldson.

Claim names: REX 1 through 8 600x1320 (placer)
REX 15 through 24 600x1320 (placer)

Claimant: Lewis Ettawageshik, A Heinrichs Geoexploration

Company employee.

REX 1 through 24 (placer) located July 25, 1960 REX 15 through 24 (placer) " Aug. 3, 1960

The above claims have not been recorded, awaiting instructions of John Donaldson who asked that we hold off temporarily on recording the notices.

E's NW located by Lewis Ettawageshik, claimed as per attached map, placer and lode. REX being the placer claim group and KWEN LUN the lode claim group. These claims have been recorded and the original recorded copy will be forwarded to you upon receipt of them from the Pima County Recorder. We will await further instructions from you as to who to assign this claim group to, transferring title from Lewis Ettawageshik.

note copy of map sent to all parties Kelley, Donaldson, Verity Billing sent only to Kelly

Sec. 35, T14S, RICE, Pama County Arizona

Et NEt claim notices posted but not recorded as this area turns out to be private land both surface and mineral and not open for location. The remaining area will be claimed as proposed on the enclosed map upon receipt of Instructions from John Donaldson.

Sec. 34, T148, R10E, Pima County. To be claimed as proposed on the enclosed map upon receiving instructions from John Donaldson.

You will notice that the enclosed statement has been apportioned for each claim group. This will aid in proper dividing the total amounts and charging the proper amount to the proper claim group.

please let me know. If you have any questions

triviv yours

Grover Heinrichs

EGH: th

John Donalds

Mr. Gerald G. Kelly Musick, Peeler & Garret Pacific Finance Building 621 South Hope Los Angeles, California

> Re: Roskruge Project. Pima County Arizona

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Claim names: REX 1 through 8 600x1320 (placer)

REX 15 through 24 600x1320 (placer)

Claimant: Lewis Ettawageshik, A Heinrichs Geoexploration

Company employee.

REX I through 14 (placer) located July 25, 1960 REX IS through 24 (placer) " Aug. 3, 1960

The above claims have not been recorded, awaiting instructions of John Donaldson who asked that we hold off temporarily on recording the notices.

Eta NWt located by Lewis Ettawageshik claimed as per attached map, placer and lode. REX being the placer claim group and KWEN LUN the lode claim group. These claims have been recorded and the original recorded copy will be forwarded to you upon receipt of them from the Pima County Recorder. We will await further instructions from you as to who to assign this claim group to, transferring title from Lewis Ettawageshik.

- 2 -August 12, 1960 Mr. Gerald G. Kelly Sec. 35, T14S, R10E, Pima County Arizona Et NEt claim notices posted but not recorded as this area turns out to be private land both surface and mineral and not open for location. The remaining area will be claimed as proposed on the enclosed map upon receipt of instructions from John Donaldson. Sec. 34, T14S, R10E, Pima County. To be claimed as proposed on the enclosed map upon receiving instructions from Hohn Donaldson, You will notice that the enclosed statement has been apportioned for each claim group. This will aid in properly dividing the total amounts and charging the proper amount to the proper claim group. If you have any questions, please let me know. Very truly yours, E. Grover Heinrichs EGH: jh cc: V. H. Verity John Donaldson MINERALS EXPLORATION COMPANY

August 12, 1960

STATEMENT

To: Mr. Gerald G. Kelly
Musick Peeler & Garret
Pacific Finance Building
621 South Hope
Los Angeles, California

Re:	Roskruge Project, Pima County, Arizona July 19 thru Aug 4, 1960		
Serv	rices:		
	3 man survey team, 7 days @ \$125.00/day		875.00
	3 man survey team 1 day assigned but not charged due to fact the ground is not open to mineral survey		N. C.
	2½ days land investigation, map compilation consultations, etc. @ \$80.00/day	n,	200.00
Екре	enses:		
	Vehicle: 8 days @ \$10.00/day578 mi. @ \$0.10/mi		80.00 57.80
	Communications & recording fees		18.44
Are	ea Breakdown a "A" (EkNWk Sec. 25 \$307.81	\$1:	231.24

May 12, 1960 STATEMENT

To: Cyprus Mines Corp.
1206 Pacific Mutual Building
Los Angeles 14, California

Attn: Mr. W. J. Rundle

Re: Land Study, Roskruge District, Pima County, Arizona
April 1960

Services: ----\$40.00

Hasnih been billed wellgs on payenty if

Koskrudge August 1, 1960 Mr. Gerald G. Kelly Musick, Peeler & Garret Pacific Finance Building 621 South Hope Los Angeles, California Re: Roskruge Project Dear Mr. Kelly: This will confirm our phone conversations of July 26 & July 27 regarding the location of mining claims in the Roskruge Mining District of Pima County, Arizona. Section 25, T 14 S, R 10 E. At the request of John W. Donaldson only placer type claims have been located on the East 1/2 of Section 25. This is contrary to the instructions of Mr. Victor Verity's letter of July 23, 1960, but at the request of Mr. Kelly we will comply with Mr. Donaldson's wishes. The East 1/2 of MW 1/4 of Section 25 has both placer and lode claims located as per Mr. Verity's letter of July 23, 1960. Section 35, T 148, R 10 E. According to our records and Mr. Verity's inspection of the patents issued as per above letter, the East 1/2 NE 1/4 of Section 35 is closed to mineral entry. However, as per your instructions by phone, we have located placer and lode claims on the East 1/2 NE 1/4 and are proceeding to locate claims in the remaining parts of the Section open to mineral entry, as per Mr. Verity's letter of July 23rd. On July 28, 1960, a half day was spent by E. Grover Heinrichs and Lewis Ettawageshik, both employees of Heinrichs Geoexploration Company, looking on the ground for evidence of recent mining activity or work done necessary to hold valid any claims located in previous years in Sections 34 and 35, T 14 S. R 10 E. No evidence was found of any recent mining activity,

Page - 2 -August 1, 1960 Mr. Gerald G. Kelly Re: Roskruge Project surveying or road work. Many claim posts were noted to be missing although location notices in tin cans were found on a few of the claims - location date 1956. It is my opinion the claims in Section 34 and 35 have been abandoned. Mr. Jenkins, a Tucson surveyor, has been contacted and he informs me that Mr. Donaldson has furnished him with all the necessary claim notices, and that it will not be necessary to follow through as per Mr. Verity's letter of instruction in matter dated July 23, 1960. As of this date, we are proceeding to locate placer and lode claims in parts of Sections 34 and 35 open to mineral entry, and will keep you informed of developments. Very truly yours, HEINRICHS GEOEXPLORATION COMPANY E. Grover Heinrichs Vice President cc: V. H. Verity EGH/pr

---August 1, 1960 Mr. Gerald G. Kelly Musick, Peeler & Garret Pacific Finance Building 621 South Hope Los Angeles, California Dear Mr. Kelly: Roskruge Project Re: This will confirm our phone conversations of July 26 & July 27 regarding the location of mining claims in the Roskruge Mining District of Pima County, Arizona. Section 25, T 14 S, R 10 E. At the request of John W. Donaldson only placer type claims have been located on the East 1/2 of Section 25. This is contrary to the instructions of Mr. Victor Verity's letter of July 23, 1960. but at the request of Mr. Kelly we will comply with Mr. Donaldson's wishes. The East 1/2 of NW 1/4 of Section 25 has both placer and lode claims located as per Mr. Verity's letter of July 23, 1960. Section 35, T 14 S, R 10 E. According to our records and Mr. Verity's inspection of the patents issued as per above letter, the East 1/2 NE 1/4 of Section 35 is closed to mineral entry. However, as per your instructions by phone, we have located placer and lode claims on the East 1/2 NE 1/4 and are proceeding to locate claims in the remaining parts of the Section open to mineral entry, as per Mr. Verity's letter of July 23rd. On July 28, 1960, a half day was spent by E. Grover Heinrichs and Lewis Ettawageshik, both employees of Heinrichs Geoexploration Company, looking on the ground for evidence of recent mining activity or work done necessary to hold valid any claims located in previous years in Sections 34 and 35, T 14 S, R 10 E. No evidence was found of any recent mining activity. HEINRICHS GEOEXPLORATION COMPANY Mr. Gerald G. Kelly Musick, Peeler & Garret Pacific Finance Building 621 South Hope Los Angeles, California

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Section 35, T 14 S. R 10 E.

According to our records and Mr. Verity's inspection of the patents issued as per above letter, the East 1/2 NE 1/4 of Section 35 is closed to mineral entry. However, as per your instructions by phone, we have located placer and lode claims on the East 1/2 NE 1/4 and are proceeding to locate claims in the remaining parts of the Section open to mineral entry, as per Mr. Verity's letter of July 23rd.

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No evidence was found of any recent mining activity,

Mr. Gerald G. Kelly August 1, 1960 Page - 2 -Re: Roskruge Project surveying or road work. Many claim posts were noted to be missing although location notices in tin cans were found on a few of the claims - location date 1956. It is my opinion the claims in Section 34 and 35 have been abandoned. Mr. Jenkins, a Tucson surveyor, has been contacted and he informs me that Mr. Donaldson has furnished him with all the necessary claim notices, and that it will not be necessary to follow through as per Mr. Verity's letter of instruction in matter dated July 23, 1960. As of this date, we are proceeding to locate placer and lode claims in parts of Sections 34 and 33 open to mineral entry, and will keep you informed of developments. Very truly yours. HEINRICHS GEOEXPLORATION COMPANY E. Grover Heinrichs Vice President cc: V. H. Verity EGH/pr

· Roskruge Project July & Aug. July E.G.H. J.W.M. C.L. 19 1735.00 E.G.H. C.A.V. W.W.C. 1125 00 125.00 E.G.A. L.F.E. W.W.C. Survey 25 V125,00 EG. H. L. F. E. W. N. C. Survey 26 V125,00 E.G. H. L. F. E. W.W.C. Survey assigned but 27 E.G. H. L. F. E. W. N. C. C.A.V. /2 day Survey N.C. 28 Aug. 140.00 4/2 Office compilation & duetting 2 125.00 E.G.H. J.W.M. L.F.E. C.A.Y. Survey 3 180,00 8/2 Office, compilation & drafting 4 Typing office & Verity consultation July, 1960 Mise Expenses communication 16.44
Vehicle Frances communication 16.44 50771 1865 Vehicle Expenses 180.00 8 days @ \$10.00 / day 65 157.80 578 miles @ \$0.10 mile 94 73 Sub Total 71 Great 12 day survey Et NE1/4 Soc. 35 -- 62.50 77 Brenddown, Grand Total - 2 518 1231.24 Area A (E²NW 4 Sec. 25) 307.81 " B (E² Sec. 25) 923.43 51.30

BOOK 1654 PAGE 178

STATE OF ARIZONA

Indexed

Witness my hand and Official Seal.

Paged

I hereby certify that the within instrument was filed for record in County, Arizona FIME

AMNA SULLINGER

County Recorder

Date: Request of:

Notice of Location

NOTICE IS HEREBY GIVEN that the Kwen Lun 14

Blotted

RECORDS OF

was located by 1 25 F. ETTAWAGES A. C. on July 25 Th, 19 60 This claim is 1,300 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Roskruge District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a northerly direction to the north center end monument or stake and 1,270 feet in a Southerly direction from the location monument or stake to the South center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

The SE corner of this claim is approximately 3,600 feet west from cor. of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. Kwen Lun 14 is bounded on the east by Kwen Lun 12 and on the north by Kwen Lun 13.

WITNESS: WW W. Carry

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

STATE OF ARIZONA Witness my hand and Official Seal.

Paged

Blotted

Indexed

I hereby certify that the within instrument was filed for record in PIMA

County, Arizona

County Recorder

Date: Request of:

No

Lewis J. Ellawagen

Notice of Location

NOTICE IS HEREBY GIVEN that the Kwen Lun 13

.....lode mining claim

RECORDS OF THIS CO

was located by Lewis F ETTAWAgeshik on July 25 Th, 19 60 This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of

this claim is north-south and is situated in the ROSKruge Mining

on which the notice is posted 1,270 feet in a northerly direction to the north center end monument or stake and 50 feet in a southerly direction from the

location monument or stake to the South center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

The NE corner of this claim is approximately 3,600 feet west from the NE corner of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. Lun 13 is bounded on the east by Kwen Lun 11 and on the south by

Kwen Lun 14.

wit Ness: we w. carry

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

BOOK 1654 PAGE 1. 7

STATE OF ARIZONA SS COUNTY OF PIMA

I hereby certify that the within instrument was filed for record in County, Arizona

Book 1960 AUG 14 Page 176

est of: Lewis F. Ellawageship

Witness my hand and Official Seal.

Indexed Paged Blotted

ANNA SULLINGER County Recorder

By Ada mae Smuth

ee: 100

Notice of Location

RECORDS OF MINES

Kwen Lun 12 NOTICE IS HEREBY GIVEN that the ..lode mining claim was located by 1,3200 cm of fifth was colored on July 25 7th, 19 60 This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Roskruge ... County, Arizona. This claim runs from the location monument or stake feet in a northerly on which the notice is posted 50direction to the center end monument or stake and 1,270 feet in a Southerly direction from the location monument or stake to the SOUTH center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram. west The SE corner of this claim is approximately 3,000 feet/from the East 1/4 cor. of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. Lun 12 is bounded on the east by Kwen Lun 10, on the north by Kwen Lun 11 and on the west by Kwen Lun 14.

witness: wm W. Carey

Lewis 9 Ethonogeshih

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

		Que18
	hereby certify that the within instrument was filed for record in County, Arizona	No. 1454 Page /
Indexed Paged Blotted	County Recorder	Date: Request of: Lewis F. Ettawages myth, Fee: 100
	Notice of Locatio	n
		lode mining claim
width on each side of the m this claim is north- District, Pima on which the notice is posted center end monument or stake corner monuments or stakes monuments or stakes, maki The NE corner of	county, Arizona. This claim rule to the South center end monume at each end of the claim, one on each ing the claim in the form of a parallele this claim is even or deposit of mineral above to mineral south.	erly direction from the ent or stake, and is also marked by two side of and 300 feet from the center end ogram.
		E., G.& S.R.M. The Kwen
Lun 11 is bounded	Sec. 25, T, 14 S., R. 10 f on the east by Kwen Lun ne south by Kwen Lun 12.	22 [전 12 12 12 12 12 12 12 12 12 12 12 12 12

WITNESS: W= W. Carey

Lewis F. Ettawa je shir Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

STATE OF ARIZONA ss I hereby certify that the within instrument was filed for record in County, Arizona Witness my hand and Official Seal. Indexed Paged Blotted County Recorder By Lla mae Indexed Deputy	No. 1654 Page / Date: Request of: Lewis 7. Ettawage
Notice of Locatio	RECORDS OF WINES
was located by	on July 19.60 al-bearing rock in place and 300 feet in his notice is posted. The general course of in the Roskruge Mining ans from the location monument or stake direction to the Roskruge Mining and direction to the Roskruge Mining and direction from the ent or stake, and is also marked by two side of and 300 feet from the center end ogram. Els G&S.R.M. The Kwen
Lewis	F. ETTAWAgeshik

BOOK 1654 PAGE 173

Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

WITNESS! WE W. Carey

890K 1654 PAGE 174

STATE OF ARIZONA

I hereby certify that the within instrument was filed for record in County, Arizona

ANNA SULLINGER County Recorder Date: Request of:

Indexed Paged Blotted

Witness my hand and Official Seal.

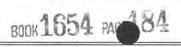
Notice of Location

NOTICE IS HEREBY GIVEN that the Kwen Lun 10 lode mining claim ewis F. ETTAWAgeshik This claim is 1,000 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is north-south and is situated in the Roskruge Mining County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a northerly direction to the north center end monument or stake and 1,270 feet in a Southerly direction from the location monument or stake to the South center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

The SE corner of this claim is approximately 2,400 feet west from the East 1/4 cor. of Sec. 25, T. 14 S., R. 10 E., G.& S.R.M. Kwen Lun 10 is bounded by Kwen Lun 8, 9, 12 and 23.

witness: we we carry

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.



Notice of Mining Location placer claim

Place Mining Claim, situate on lan valuable mineral deposit other than	ds belonging to the United S in veins or lodes of quartz	tate of America, and being a form of or other rock in place, was entered
upon and located for the purpose	of exploration and purchase	by
		awa geshik
		and Jessin
		ention to become a citizen of the United States")
the undersigned, on the	day of July	25Th , 19 60
claim 20	acres thereof, and have	marked the same on the ground as
follows: Beginning at		
(If the land be surveyed land, ma	ke the starting point a corner of a rectili	near subdivision of such survey)
at a post 50 feet north	from the post	ument) where this notice is posted;
thence west 300		
1,320 feet to a post;		
post;	, thence no	rth 1,320 feet to a
post;	, thence_Wes	t 300
feet to the place of beginning, conta		
Roskruge	aming approve to acre.	s, an m
NODAL AGO		W
Mining District, in the County of	Pima	, in the State of Arizona,
about	ina	direction from
The SE corner of this cl	aim is approximatel	y 3,600 feet west from
the Bast 1/4 cor. of Sec		
All done under the provision United States [30 U.S.C.A. §21 et. :		XXII, of the Revised Statutes of the ate of Arizona.
Dated and posted on the grou	7.7	\ 50
	· al Cott	1.1
V. Carey Sur	a . thrwag	Blue
SITNESS LEL	DIS F. Ettac	wageshik
NOTE—This form of notice is survey by rectilinear subdivisions.	for use upon surveyed land	s, the claim must conform to such
ATE OF ARIZONA, I hereby gert	tify that the within instrument w	as filed and recorded Fee No.:
unty of PIMA ss. 1960 HOB	, 19, a	tM.
Docket No. 54, Page/84, at the r	request of Lewis 3. E	Hawaalship Indexed:
, ragor y, at the r	-1	HOTOSTA
en recorded mail to:	Witness my hand and	
	ANN 8	SULLINGER Photostated:
	60136	Photostated:
	1	County Recorder Fee: \$

Place Mining Claim, situate on lands by valuable mineral deposit other than in	elonging to the United State of veins or lodes of quartz or oth	America, and being a form of er rock in place, was entered
upon and located for the purpose of e	xploration and purchase by	
1 enis	F. Ettawag	an shik
	- Linning	/CG////
(Locator must insert either "a citizen of the United Stathe undersigned, on the		
	_acres thereof, and have mark	
follows: Beginning at		ed the same on the ground as
(If the land be surveyed land, make the	starting point a corner of a rectilinear subd	itvision of such survey)
at a post 50 feet south	ost, stone or other monument) where this notice is posted;
	feet to a post; th	
1,320 feet to a post;	, thence east 600	feet to a
post;	, thence south 1,	320 feet to a
post;	, thence West 300)
feet to the place of beginning, containing	g approx. 20 acres, all in	the
Roskruge		
Mining District, in the County of P	ima	, in the State of Arizona,
about_	in a	direction from
The NE corner of this claim	m is approximately 3,	,600 feet west from
the NE corner of Sec. 25,	r. 14 s., R. 10 E., C	1.& S.R.M.
All done under the provisions of United States [30 U.S.C.A. §21 et. seq.]	Chapter Six of Title XXXII, and the laws of the State of	of the Revised Statutes of the Arizona.
Dated and posted on the ground th	his 25 day of Jul	4 , 19.60
= W. Care Jew	is 9. Ettoway	eshik
SITNESS Lewi	is F. EHan	ageshik
NOTE—This form of notice is for survey by rectilinear subdivisions.	use upon surveyed lands, the	claim must conform to such
ATE OF ARIZONA, I hereby certify the	nat the within-instrument was filed	and recorded Fee No.:
inty of PIMA ss. 1960 AUG 11	AM 9:48, 19 , at	
Docket No. 1654, Page 183 at the reque	st of Lewis J. Etlan	vageslikndexed:
en recorded mail to:	Witness my hand and official ANNA SULLINGER	Comment to
	Cour	nty Recorder Fee: \$ / =0
BOOK 1654 PAGE 183 04	By Ida mae om	ty Recorder J. R. S. \$

valuable mineral deposit other than	nds belonging to the United State of Ar n in veins or lodes of quartz or other	nerica, and being a form of rock in place, was entered
upon and located for the purpose		70.000000000000000000000000000000000000
	is F F Hawa	andit
- LOW	13 / 1/4 1/4	gesain
	day of July	ome a citizen of the United States")
	acres thereof, and have marked	
(With land he assumed land		
(If the land be surveyed land, me	ake the starting point a corner of a rectilinear subdivision	on of such survey)
at a post 50 feet north	from the post (post, stone or other monument) w	here this notice is posted;
thence west 300	feet to a post; then	ce south
1,320 feet to a post;	, thence east 600	feet to a
post;	thence north 1,32	O feet to a
post:	, thence West 300	
	aining approx. 20 acres, all in	the
Roskruge	anning september acres, an in	-
	Dimo	in the Class of Automate
Mining District, in the County of		, in the State of Arizona,
about	ina	direction from
	laim is approximately 3,00	
the East 1/4 cor. of Se	c. 25, T. 14 S., R. 10 E.,	G.& S.R.M.
All done under the provision	ns of Chapter Six of Title XXXII, of t	he Revised Statutes of the
	seq.] and the laws of the State of Ari	
Dated and marked on the more	and this 25 day of July	, 19_60
1	p clause zesup	
Lary Jewis		· · · · · · · · · · · · · · · · · · ·
1. Cary Tewis	//	shik
NOTE—This form of notice is		
NOTE—This form of notice is survey by rectilinear subdivisions.	F. EHawages	im must conform to such
NOTE—This form of notice is survey by rectilinear subdivisions.	F. EHawages	im must conform to such
NOTE—This form of notice is survey by rectilinear subdivisions. THE OF ARIZONA, nty of PIMA SS. I hereby certain the state of the stat	F EHawages s for use upon surveyed lands, the claim	recorded Fee No.: M. 59625 Like Indexed:
NOTE—This form of notice is survey by rectilinear subdivisions. ATE OF ARIZONA, nty of PIMA ss. Docket No. 154, Page 182, at the rection of the page 182, at	s for use upon surveyed lands, the claim tity that the within instrument was filed and	recorded Fee No.: M. 50025 Indexed: RECORDS UP 16
NOTE—This form of notice is survey by rectilinear subdivisions. THE OF ARIZONA, nty of PIMA SS. I hereby certain the state of the stat	s for use upon surveyed lands, the claim tity that the within instrument was filed and 19 , at request of Lewis Ellawayes	recorded Fee No.: M. 50025 Indexed: RECORDS UP 16

Place Mining Claim, situate on lands be valuable mineral deposit other than in v	elonging to the United State of reins or lodes of quartz or other	America, and being a form or r rock in place, was entere
upon and located for the purpose of ex		
Lewis F. E	- Hawageshik	
(Locator must insert either "a citizen of the United Sta	tes" or "who has declared his intention to	become a citizen of the United States'')
the undersigned, on the		
	_acres thereof, and have marke	
follows: Beginning at		
(If the land be surveyed land, make the	starting point a corner of a rectilinear subdi	vision of such survey)
(at the made of our region and, allow the	The state of the s	10000 02 0000 000 1000
	from the nest	
at a post 50 feet south (p	ost, stone or other monument)	where this notice is posted
thence West 300	feet to a post; the	nence north
1,320 feet to a post;	, thence east 600	feet to
post;	, thence south 1,	320 feet to
post;	, thence west 300	
feet to the place of beginning, containing	g approx. 20 acres, all in	the
	ima	, in the State of Arizona
Thing Division, in the country of		
The NE corner of this claim	ina-	direction from
the NE corner of Sec. 25, T		
All done under the provisions of United States [30 U.S.C.A. §21 et. seq.]	Chapter Six of Title XXXII, o and the laws of the State of A	f the Revised Statutes of th Arizona.
Dated and posted on the ground th	is 25 day of July	, 19_60
Tress Lewis	F. Effawage	shik
NOTE—This form of notice is for		
survey by rectilinear subdivisions.		
SS. 1950 AUG 11 0	at the within instrument was filed a	and recorded Fee No.:
inty of	, 19, at	50c21
n Docket No. 1694, Page 18, at the reques	st of Lewis 7. Ettaway	Indexed:
en recorded mail to:	Witness my hand and official s	eal. Compared:
	ANNA SULLINGEN	Photostated:
		ty Recorder
. /	7	Fee: \$

Place Mining Claim, situate on lands belo valuable mineral deposit other than in vein	nging to the United State of America, a ns or lodes of quartz or other rock in p	nd being a form of
upon and located for the purpose of expl	loration and purchase by	
	ETTAWAgeshik	
(Locator must insert either "a citizen of the United States"	or "who has declared his intention to become a citizer	of the United States")
the undersigned, on the	- h	
claim 20 ac	cres thereof, and have marked the same	on the ground as
follows: Beginning at		
(If the land be surveyed land, make the star	rting point a corner of a rectilinear subdivision of such su	urvey)
at a post 50 feet north (pos	om the post t, stone or other monument) where this	s notice is posted
thence_West 300	feet to a post; thence so	uth
1,320 feet to a post;	, thence east 600	feet to a
post;	thence north 1,320	feet to a
	, thence West 300	
feet to the place of beginning, containing		
Roskruge	acres, an in	
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Mining District, in the County of Pin	in the	State of Arizona
about	tra	direction from
The SE corner of this claim i		
the East 1/4 cor. of Sec. 25,	T. 14 S., R. 10 E., G.& S	R.M.
All done under the provisions of Ch	napter Six of Title XXXII, of the Revis	ed Statutes of the
United States [30 U.S.C.A. §21 et. seq.] an	: - '' - '' - '' - '' - '' - '' - '' -	60
Dated and posted on the ground this_		19 60
		agistate.
witness: we w. Carry	Lewis F. ETTAW	Ageshik
NOTE—This form of notice is for use survey by rectilinear subdivisions.	e upon surveyed lands, the claim must	conform to such
TE OF ARIZONA, I hereby certify that t	the within instrument was filed and recorded	Fee No.:
Docket No. 1654, Page 180 at the request o	of Lewis 7 Ettawageshik	59C23 Indexed:
		Compared:
n recorded mail to:	Witness my hand and official seal.	
n recorded mail to:	Witness my hand and official seal. ANNA SULLINGER	Photostated:
n recorded mail to:		Mar v

<u></u>		
Place Mining Claim, situate on land valuable mineral deposit other than	ds belonging to the United State in veins or lodes of quartz or	e of America, and being a form o other rock in place, was entered
upon and located for the purpose o		
Lewis	F. ETTAWAGES	shik
(Locator must insert either "a citizen of the Unite	ed States" or "who has declared his intentio	n to become a citizen of the United States")
the undersigned, on the	day of July	, 19 60
claim 20	acres thereof, and have ma	arked the same on the ground a
follows: Beginning at		
(If the land be surveyed land, n.ake	te the starting point a corner of a rectilinear	subdivision of such survey)
at a post 50 feet south	from the post	ent) where this notice is posted
thence West 300	feet to a post;	
1,320 feet to a post;		
post;		1,320 feet to
1. 2		
post; feet to the place of beginning, contain	ning approx. 20 acres, al	
Roskruge		
Mining District, in the County of	P1ma	, in the State of Arizona
about	in a=	direction-from
The NE corner of this cla		
the NE corner of Sec. 25		
United States [30 ILS.C.A. 821 et. se	ed I and the laws of the State	II, of the Revised Statutes of the of Arizona.
Dated and posted on the ground	d this 25 day of JUL	y 25 Ih , 1960
	Lew	is 9. Ellewages hik
WITNESS: W= W Carey		
		he claim must conform to such
	fy that the within instrument was 6	led and recorded Fee No.:
TE OF ARIZONA, I hereby certif		4 44 4140
ILV OI	fy that the within instrument was fill AM 9:47, 19, at	IVI 1 3 40-
ILV OI	11 AM 9:47, 19 , at equest of Floris 7. Etla	IVI 1 3 40-
ILV OI	1.18	wageship indexed.
Docket No. 1454, Page 179, at the rec	Witness my hand and offic	ial seal.

LONG DISTANCE PHONE CALL REPORT

Request of Mr. ///	Date 7/25/60
Number Called MAdixon 9-3322 Number Called MAdixon 9-3322	Time Requested A. M. P. M.
Individual Gentle Kelly Number	KIND OF SERVICE DESIRED Station Person to Station to Person
Firm Musula feeler & Farett.	Time Called 5:06 P.M.
Street Address	Time Connected 5:07 A.M. P.M.
CityState	Time Off 5/23 4.M. P.M.
Remarks:	Minutes Elapsed Time /6
to: 16min. 5,60 84	CHARGES: \$ 6
RD dains & Donaldson 144	Phone Company Verification of Charge Given by Switchboard Operator's Notations
et al.	Switchboard Operator's Notations
θ θ	
Company Business Charge to A/C No.:	10010 5
The UTILITY Line Form 39A	Signed Switchboard Operator

Tucson,	Arizona	-//	196
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Your	File
Loui	A TIC.

To ANNA SULLINGER, County Recorder, Recording Fees:

Fee	То	ment From To	
200	to 14 Ing Rey 96 14 me	is Kuln Lun 9	12 Localio
	Can leave the second	e Proj.	Kentrus
1	101	to EGUS	
	19	10 6 10 17	
		to E.G.H.	

Relocation =1/20/NW/4 20.60 In Donaldson alled,

7/18/60 9-332 leten-Unite

50 / Clain + to Statuty in 1400 line E/2 JE/2-26 cu/2 J25 N/2 JNW/4-36 NE/4 NE/4 J35 3/4 wide 1/4 high Kelley will 25/20/NW/4 8/25 R10 there ar 2,40's MAdison 63231 Next week W/ Linaldson has sold E/2 mescow. state 2,40's in 5er 25

7/19/60 Vic Veity E/ vul 24 Lode Notices 20 Sept. 1986 See 25 Pat. Stock Raising Houstead. Jouking who is he. May Group. Places dains on Dec 25 Sec 34035 Rigg Hich Could Mag 3 thru 20 (Agent) will need help to finish after 1st-24 lode's Places. on Sex 25 because his to leve town. We will pib up slack.

3:45 PM 9/19/60 Grove Stop by Vice either tomite or is early at you tomorgow morning flects Signals & V. pils up Places notrio etc. YM

HEINRICHS GEOEXPLORATION COMPANY
MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

WALTER E. HEINRICHS, JR. E. GROVER HEINRICHS

April 24, 1960

PHONE: MAIN 2-4202 806-808 WEST GRANT ROAD MAIL: P. O. BOX 5671

MEMORANDUM TO W. J. RUNDLE

The following data concerning T14S, R10E, Pima County, Arizona was obtained from the Bureau of Land Management in Phoenix on April 22, 1960.

Withdrawn from mineral entry N2 SE2	Section 24
Withdrawn from mineral entry W2 W2 E2	Section 26
Homestead entry, 021688 E2 SE2, W2 SW2 Date - March 14, 1913 Jose Luiz Montano (Patent) includes mineral rights	Section 24
E½ SW½ Electric Transmission Line Right of Way	Section 24
Public sale W1 SE1 Elmer Staggs (sp?)*	Section 24
Public sale E2 SW2 Ben Shein *	Section 24
Homestead entry SW2 January 19, 1915 (?)*	Section 25
Homestead entry SE February 5, 1920	Section 25
Final certificate issued on E2 NE2 on October 5, 1934	Section 25
Only surface rights Why NEW, Eth NWW, final certificate issued on April 5, 1938	Section 25
Homestead entry NE% rejected June 17, 1909	Section 26
Homestead entry Et NEt March 14, 1913*	Section 26
Homestead entry E2 SE2 January (?) 1915	Section 26

(continued) * includes mineral rights

W. J. Rundle

Homestead entry E2 SE2 November 27, 1909 cancelled on March 7, 1916. See Section Township 15 South, Range 10 East, Pima	2
County, Arizona	Section 35
Homestead entry E2 NE2 January 19, 1915 Juan Montano, Patent on January 26, 1916	Section 35
Final certificate issued on April 5, 1919 Lot 1, NE% SE%	Section 35

E. Grover Heinrichs HEINRICHS GEOEXPLORATION CO.

EGH: jh

-		
P	No.	
4 4 4	a TAMA	

INSTRUCTIONS

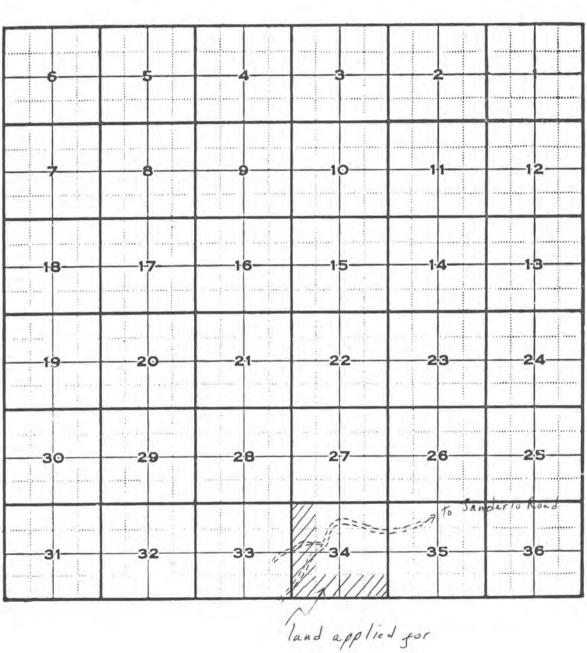
- This application must be accompanied by \$15.00 filing fee. Application must not cover more than one section. 1.
- 2.
- 3. All questions must be answered.
- Attach scale drawing or plat to show detail for questions 4, 5, 7, 8 and 9. 4.

STATE LAND DEPARTMENT 400 Arizona State Office Building Phoenix 7, Arizona

I/We	Heinr	richs GEOEXp	loration Compar	nV			
2/ // -		220-130-01-0		ame)			
of	P. 0.	Box 5964,	Tucson, Arizon	na 85703			
				lress)			
State Chapt	lands her ter 2, Art	reinafter de icle 4, Ariz	n for a mineral scribed, in a cona Revised Stribe and the ter	ccordance v Statutes, su	with the p ich rules a	rovisions of	Title 2
Subdi	vision	Section	Township	Range	Acres	County	Gra
/2 of	the NW 1/4	34	T. 14 S.	R. 10 E.	80	Pima	SS
4.5.6.	7,8, & 9	34	T. 14 S.	R. 10 E	275.00	Pima	SS
			ual, partnersh			1000	
3.			you a citizen o Marrieo				N/A
	Age	N/A		dN/A		Single	N/A No
4.	Age	N/A valid mines	Marrie	dN/A claims or 1 te on attach	eases on t	Single	A-
4. 5.	Age Are there Are there	N/A valid miner (des	Married ral locations,	claims or 1 te on attach	ned plat) ion?	Single	No
4. 5.	AgeAre there Are there Will it be cation? cation? Y	N/A valid miner (des any abando (des necessary t	Married ral locations, cribe and locations of the cribe and locations of th	claims or 1 te on attach on this sect	ned plat) ion?	Single this section?	No er appl

An unimprove	d dirt road runs	through this secti	on originating on
Sandario Roa	d.		
statements herein ma	de are to the be		information contained and knowledge and belief true,
correct and complete.		۸۰۲	10
Dated thisda	у от	, A. I	J. 17
		Heinrichs GEOEX	ploration Co.
		0.0000000000000000000000000000000000000	(Applicant)
		Ву	
	A.3.	Walter E, Heinr	richs, Jr., President
	Addre	Tucson, Arizon	a 85703
THE FOLLO	WING IS NOT T	O BE FILLED IN	BY APPLICANT
Fee Received	Amount	Re	eceipt No
Approved for the perio	od of	Beginning	Expiring
Recorded by	_Approved or D	enied by	Date
If Denied, Cause:			

Township No. 145 Range No. 10 E



P.P.	No		
L. L.	TAO.		

INSTRUCTIONS

- This application must be accompanied by \$15.00 filing fee. Application must not cover more than one section.
- 2.
- All questions must be answered. 3.
- Attach scale drawing or plat to show detail for questions 4, 5, 7, 8 and 9. 4.

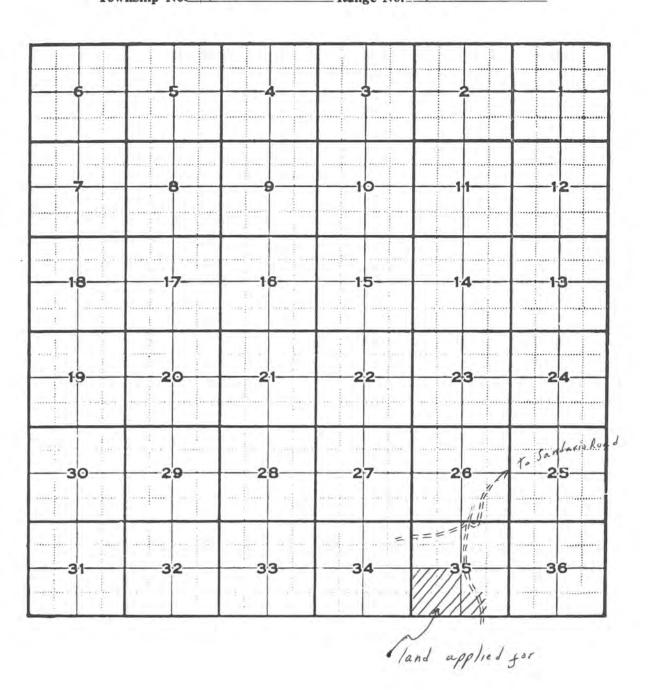
STATE LAND DEPARTMENT 400 Arizona State Office Building Phoenix 7, Arizona

1 he	State .	Land	Comm	issione	r:				
T / W		ц	oinnic	as GENEY	ploration C	Omnany			
I/W	e	- 11	e im ici	15 GLULA		ame)			
of		P	. O. B	ox 5964,	Tucson, Ar	izona 8570)3		
						dress)			
Stat	e lands pter 2,	her Arti	einafti cle 4,	er desc Arizon	ribed, in a	ccordance Statutes, s	with the p uch rules a	specting peri rovisions of and regulation	Title 27
Subo	division	1	Sectio	n	Township	Range	Acres	County	Gran
V 1/2	of the	e SW	1/4	35	T. 14 S.	R. 10 E	. 80	Pima	SS 7
Lots	2,3 &	4	1	35	T. 14 S.	R. 10 E	. 157.80	Pima	SS 7
3.	Age_ Are t		V/A	mineral	Marrie locations,			_ Single	
5.	Are to	nere	any ab		be and loca			No	
	-								
	Will i	t be 1	necess		be and loca			the land und	er appli-
ó. 7.	cation	? ? Y	es_X	ary to o	cross other	state land	s to reach	the land und	

Are there improvements or crops on the land under application Yes___No_ χ

anables and almost	an an Candanda	Doord	
section originati	ng on Sandario	Koad.	
CERTIFICATION:			
			nformation contained and knowledge and belief true
Dated thisday o	f	, A.D	. 19
		Mainwicha CEOFY	Janatian Commany
		Heinrichs GEUEX	(Applicant)
			(Applicant)
	B	у	
		Walter E. Heinri	chs, Jr., President
	Addres	s 808 W. Grant Ro	ad, P. O. Box 5964
		Tucson, Arizona	85703
THE FOLLOWIN	G IS NOT TO	BE FILLED IN	BY APPLICANT
Fee Received	Amount	Re	ceipt No.
Approved for the period of	f	Beginning	Expiring
Recorded byA	pproved or Der	nied by	Date
If Denied, Cause:			
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Township No. 14 5 Range No.	IDE



B FORM 990

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Pak	No.	

INSTRUCTIONS

- This application must be accompanied by \$15.00 filing fee. Application must not cover more than one section.
- 2.

All questions must be answered. 3.

4. Attach scale drawing or plat to show detail for questions 4, 5, 7, 8 and 9.

STATE LAND DEPARTMENT 400 Arizona State Office Building Phoenix 7, Arizona

I/We	Jear	e Land Com	11112210	LICI.						
		Heinrichs GE	OEXplor	ration Com						
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of		P. O. Box 59	64, Tuc							
					(Addres	s)				
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Subd	ivis	ion Secti	ion	Townsh	hip Ra	ange	Acres	County	-	Grant
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SW 1/	4 of	the NE 1/4	2	T. 15	S. R.	10 E.	40	Pima	SG	6/11/188
Lots	2, 3	3 & 4	2	T. 15	s. R.	10 E,	121.81	Pima	SG	6/11/188
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Are there improvements or crops on the land under application Yes No X

	arro road rans ar	ir bugir the eastern	half of this section,
originating or	Sandario Road.		
statements herein m	ade are to the b		information contained and knowledge and belief true,
correct and complete			D. 10
Dated this	ay of	, A.	D. 19
		10 10 10 0505	
		Heinrichs GEUEX	(Applicant)
		ByWalter E. Hein	richs, Jr., President
	Addr	ess P. O. Box 5964	, 808 W. Grant Rd.
		Tucson, Arizona	85703
THE FOLLO	WING IS NOT T	O BE FILLED IN	N BY APPLICANT
			eceipt No.
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INSTRUCTIONS

- 1. This application must be accompanied by \$15,00 filing fee.
 - 2. Application must not cover more than one section,

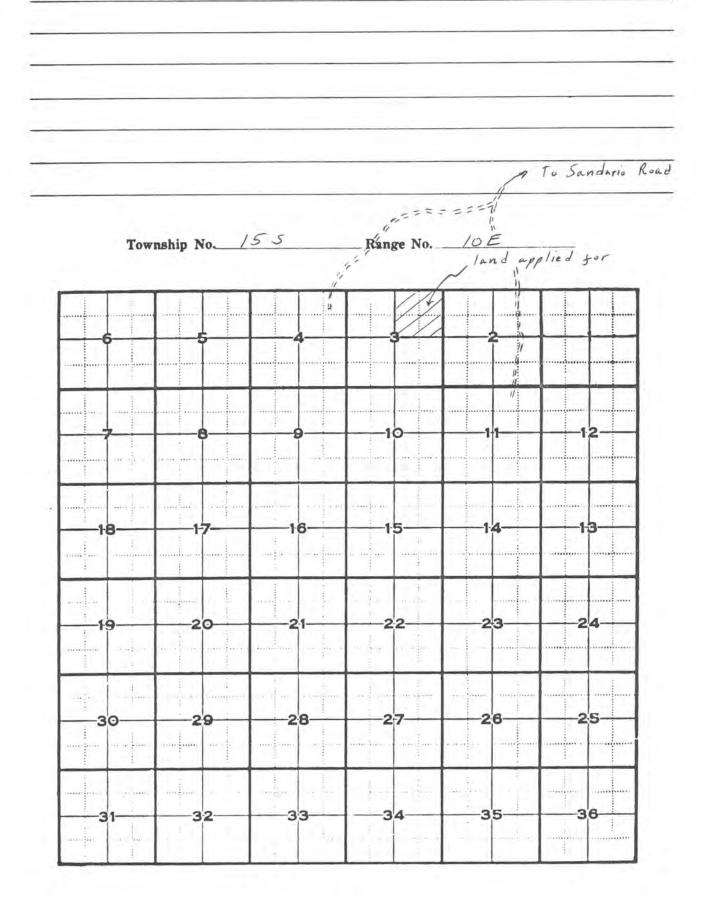
All questions must be answered. 3.

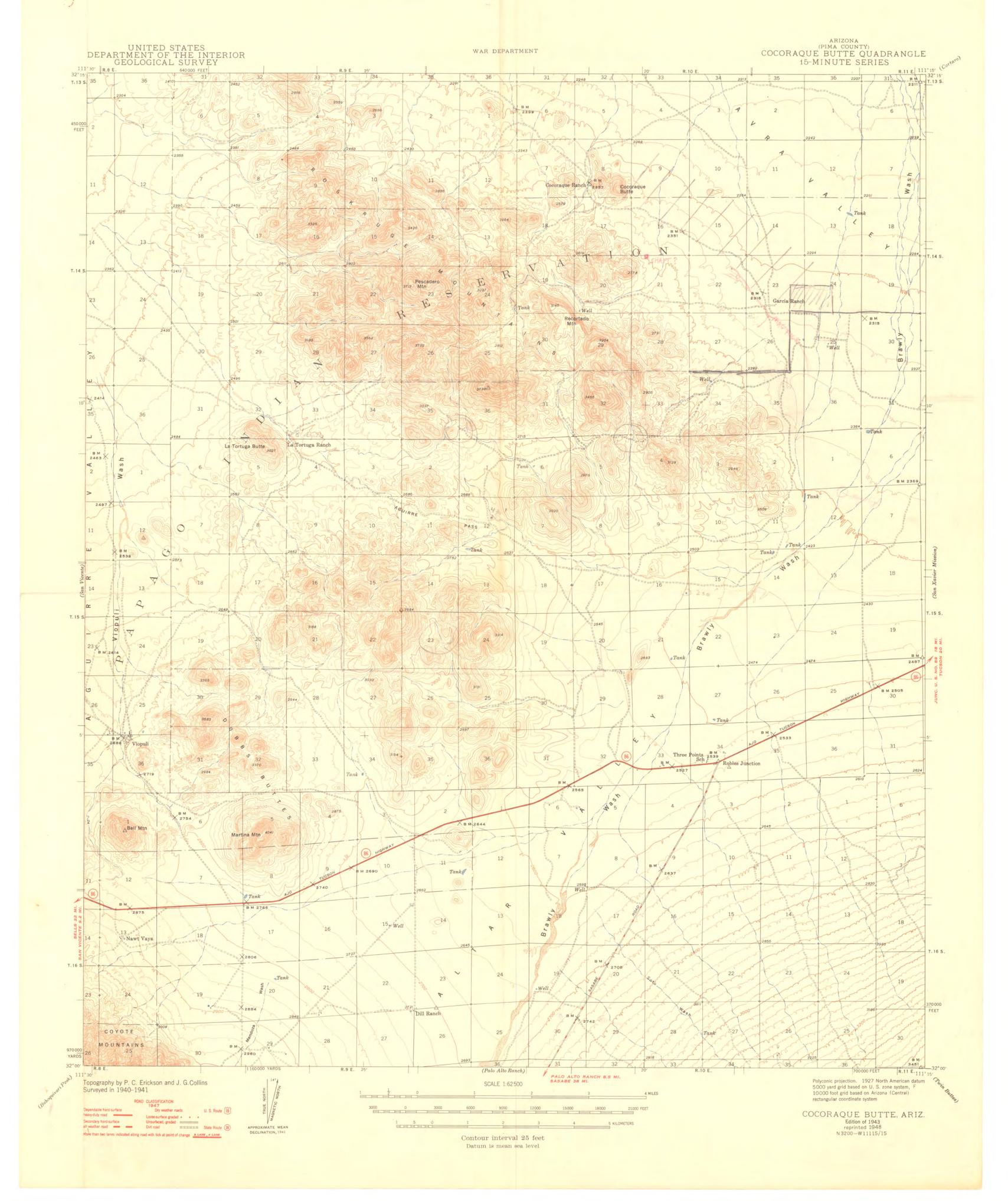
Attach scale drawing or plat to show detail for questions 4, 5, 7, 8 and 9. 4.

STATE LAND DEPARTMENT 400 Arizona State Office Building Phoenix 7, Arizona

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	ein made are to the b		information contained and knowledge and belief true,
Dated this	day of	, A. I), 19
		Heinrichs GEOEX	ploration Company
			(Applicant)
		Ву	
			chs, Jr., President
	Addr	ess 808 W. Grant Ro	ad P. O. Box 5964
		Tucson, Arizona	85703
THE F	OLLOWING IS NOT T	O BE FILLED IN	BY APPLICANT
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Approved for th	ne period of	Beginning	Expiring
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THE TOPOGRAPHIC MAPS OF THE UNITED STATES

The United States Geological Survey is making a series of standard topographic maps to cover the United States. This work has been in progress since 1882, and the published maps cover more than 47 percent of the country, exclusive of outlying possessions.

The maps are published on sheets that measure about $16\frac{1}{2}$ by 20 inches. Under the general plan adopted the country is divided into quadrangles bounded by parallels of latitude and meridians of longitude. These quadrangles are mapped on different scales, the scale selected for each map being that which is best adapted to general use in the development of the country, and consequently, though the standard maps are of nearly uniform size, the areas that they represent are of different sizes. On the lower margin of each map are printed graphic scales showing distances in feet, meters, miles, and kilometers. In addition, the scale of the map is shown by a fraction expressing a fixed ratio between linear measurements on the map and corresponding distances on the ground. For example, the scale $\frac{1}{62,500}$ means that 1 unit on the map (such as 1 inch, 1 foot, or 1 meter) represents 62,500 of the same units on the earth's surface.

Although some areas are surveyed and some maps are compiled and published on special scales for special purposes, the standard topographic surveys and the resulting maps have for many years been of three types, differentiated as follows:

1. Surveys of areas in which there are problems of great public importance—relating, for example, to mineral development, irrigation, or reclamation of swamp areas—are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{31,680}$ (1 inch = one-half mile) or $\frac{1}{24,000}$ (1 inch = 2,000 feet), with a contour interval of 1 to 100 feet, according to the relief of the particular area mapped.

2. Surveys of areas in which there are problems of average public importance, such as most of the basin of the Mississippi and its tributaries, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile), with a contour interval of 10 to 100 feet.

3. Surveys of areas in which the problems are of minor public importance, such as much of the mountain or desert region of Arizona or New Mexico, and the high mountain area of the northwest, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{125,000}$ (1 inch = nearly 2 miles) or $\frac{1}{250,000}$ (1 inch = nearly 4 miles), with a contour interval of 20 to 250 feet.

The aerial camera is now being used in mapping. From the information recorded on the photographs, planimetric maps, which show only drainage and culture, have been made for some areas in the United States. By the use of stereoscopic plotting apparatus, aerial photographs are utilized also in the making of the regular topographic maps, which show relief as well as

A topographic survey of Alaska has been in progress since 1898, and nearly 44 percent of its area has now been mapped. About 15 percent of the Territory has been covered by maps on a scale of $\frac{1}{100,000}$ (1 inch = nearly 8 miles). For most of the remainder of the area surveyed the maps published are on a scale of $\frac{1}{250,000}$ (1 inch = nearly 4 miles). For some areas of particular economic importance, covering about 4,300 square miles, the maps published are on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile) or larger. In addition to the area covered by topographic maps, about 11,300 square miles of southeastern Alaska has been covered by planimetric maps on scales of $\frac{1}{125,000}$ and $\frac{1}{250,000}$.

The Hawaiian Islands have been surveyed, and the resulting maps are published on a scale of $\frac{1}{62,500}$.

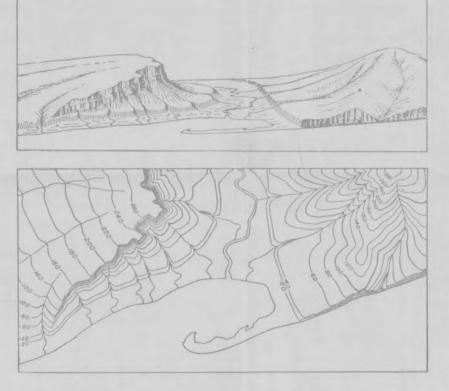
A survey of Puerto Rico is now in progress. The scale of the published maps is $\frac{1}{80,000}$.

The features shown on topographic maps may be arranged in three groups—(1) water, including seas, lakes, rivers, canals, swamps, and other bodies of water; (2) relief, including mountains, hills, valleys, and other features of the land surface; (3) culture (works of man), such as towns, cities, roads, railroads, and boundaries. The symbols used to represent these features are shown and explained below. Variations appear on some earlier maps, and additional features are represented on

All the water features are represented in blue, the smaller streams and canals by single blue lines and the larger streams by double lines. The larger streams, lakes, and the sea are accentuated by blue water lining or blue tint. Intermittent streams—those whose beds are dry for a large part of the year are shown by lines of blue dots and dashes.

Relief is shown by contour lines in brown, which on a few maps are supplemented by shading showing the effect of light thrown from the northwest across the area represented, for the purpose of giving the appearance of relief and thus aiding in the interpretation of the contour lines. A contour line represents an imaginary line on the ground (a contour) every part of which is at the same altitude above sea level. Such a line tours at certain regular intervals of altitude are shown. The datum or zero of altitude of the Geological Survey maps is mean sea level. The 20-foot contour would be the shore line if the sea should rise 20 feet above mean sea level. Contour lines show the shape of the hills, mountains, and valleys, as well as their altitude. Successive contour lines that are far apart on the map indicate a gentle slope, lines that are close together indicate a steep slope, and lines that run together indicate a

The manner in which contour lines express altitude, form, and grade is shown in the figure below.



The sketch represents a river valley that lies between two hills. In the foreground is the sea, with a bay that is partly enclosed by a hooked sand bar. On each side of the valley is a terrace into which small streams have cut narrow gullies. The hill on the right has a rounded summit and gently sloping spurs separated by ravines. The spurs are truncated at their lower ends by a sea cliff. The hill at the left terminates abruptly at the valley in a steep scarp, from which it slopes gradually away and forms an inclined tableland that is traversed by a few shallow gullies. On the map each of these features is represented, directly beneath its position in the

The contour interval, or the vertical distance in feet between one contour and the next, is stated at the bottom of each map. This interval differs according to the topography of the area mapped: in a flat country it may be as small as 1 foot; in a mountainous region it may be as great as 250 feet. In order that the contours may be read more easily certain contour lines, every fourth or fifth, are made heavier than the others and are accompanied by figures showing altitude. The heights of many points—such as road intersections, summits, surfaces of lakes, and benchmarks—are also given on the map in figures, which show altitudes to the nearest foot only. More precise figures for the altitudes of benchmarks are given in the Geological Survey's bulletins on spirit leveling. The geodetic coordinates of triangulation and transit-traverse stations are also published in

Lettering and the works of man are shown in black. Boundaries, such as those of a State, county, city, land grant, township, or reservation, are shown by continuous or broken lines of different kinds and weights. Public roads suitable for motor travel the greater part of the year are shown by solid double lines; poor public roads and private roads by dashed double lines; trails by dashed single lines. Additional public road classification if available is shown by red overprint.

Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining quadrangles of which maps have been published. More than 4,100 quadrangles in the United States have been surveyed, and maps of them similar to the one on the other side of this sheet have

Geologic maps of some of the areas shown on the topographic maps have been published in the form of folios. Each folio includes maps showing the topography, geology, underground structure, and mineral deposits of the area mapped, and several pages of descriptive text. The text explains the maps and describes the topographic and geologic features of the country and its mineral products. Two hundred twenty-five folios have

Index maps of each State and of Alaska and Hawaii showing the areas covered by topographic maps and geologic folios published by the United States Geological Survey may be obtained free. Copies of the standard topographic maps may be obtained for 10 cents each; some special maps are sold at different prices. A discount of 40 percent is allowed on an order amounting to \$5 or more at the retail price. The discount is allowed on an order for maps alone, either of one kind or in any assortment, or for maps together with geologic folios. The geologic folios are sold for 25 cents or more each, the price depending on the size of the folio. A circular describing the folios will be sent

Applications for maps or folios should be accompanied by cash, draft, or money order (not postage stamps) and should be

THE DIRECTOR,

United States Geological Survey, Washington, D. C. November 1937.

STANDARD SYMBOLS

NOTE:-Effective on and after October 1, 1946, the price of standard topographic quadrangle maps will be 20 cents each, with a discount of 20 percent on orders amounting to \$10 or more at the retail rate. CULTURE (printed in black)



