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

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E. GROVER HEINRICHS & ASSOCIATES

SUITE 110-4 1802 W. GRANT ROAD
TUCSON, ARIZONA, 85705 U.S.A.
(602) 624-7421 *(24 hr. electronic answering service)*

May 18, 1981

Mr. A. K. Doss, Manager
Minerals and Energy Section
State Land Department
1624 W. Adams
Phoenix, Arizona 85007

Re: Arizona P.P. Nos. 79611, 79612, 79613, 79614, 79615, 79616, 79609, 79643, 79647 and 79648

Dear Mr. Doss:

E. Grover Heinrichs, trustee for John A. Stephens, holder of certain prospecting permits on state land in Cochise County, Arizona, hereby informs you of our intent to exercise the right to hold said leases by doing the required assessment work. All work will be performed by rotary hole drilling within the boundaries of the respective prospecting permit lands. We propose the following plan:

WATER

All holes will be drilled and abandoned in accordance with Arizona Department of Water Resources regulations. If water is encountered in any drill hole, we will upon abandonment, seal off the aguifer by accepted drilling procedures.

FLORA AND FAUNA

The vegetation in the proposed drilling area consists of native grazing grasses and brush. No exotic cacti has been observed in the area. If any are encountered, they will be protected. Care will be taken to insure that any disturbance to both the vegetation and wildlife habitat will be kept to a strict minimum. No drill pad preparation is anticipated due to the gentle terrain, and no new roads will be required to the proposed drill sites.

DRILLING SITE INGRESS

See attached Plat and Summary. It should be noted that these ingress routes are not the same as shown in original applications for prospecting permits.

DRILLING PARAMETERS

The drilling will commence approximately May 26, 1981. The locations of all drill sites are shown on the enclosed Plat. It also shows the ingress routes. The hole size will be 6½" outside diameter. The drilling will be done by Venture Drilling Company, 1802 W. Grant Road, Building 1850, Suite 102, Tucson, Arizona 85705. The approximate depth of each hole is listed on the attached Summary.

We hold other prospecting permits in the area, which, if we decide to retain said leases, we will inform you accordingly.

If any additional information is required, please let me know by return mail.

Sincerely yours,

William G. Brown
Manager, State Lease Program

WGB:vh
enc. 1. 1"=4000' USGS Plat
2. Ingress Summary

cc: With enclosures:
E. Grover Heinrichs
Paul Eimon

SUMMARY

INGRESS TO STATE LEASES

State Parcel No.

(West) 1. P.P. No. 79611. Ingress via Highway 666 to open gate at intersection of Sections 34, 35, 2, 3, T18S, R25E. Then south to designated drill hole. 160 acres - Approx. drilling depth 120'.

(East) 1. P.P. No. 79611. Ingress via directions above. Follow road to windmill, then east across very flat terrain to designated site. 160 acres - Approx. drilling depth 120'.

2. P.P. No. 79611. Ingress is via Highway 666 to Pearce Rd. South on Pearce Rd. to Middlemarch Pass Road. West on Middlemarch Pass Rd. approx. 1½ miles to intersection of Sections 36-31, 1-6, T18S, R25E, then south on road 2 miles to intersection of Sections 12-7, 13-18, T18S, R25E, then east along south border of State Parcel 2 to designated site. 305 acres - Approx. drilling depth 225'.

3. P.P. No. 79613. Same as Number 2. Then follow south border of State Parcel 3 to designated site. 320 acres - Approx. drilling depth 270'.

4. P.P. No. 79614. Ingress is via Highway 666 to Courtland-Gleason Rd., south approx. 1½ miles to a road striking east to a windmill in Section 9, T18S, R25E. East past the windmill to the designated site on Section 9 (Parcel 4). 280 acres - Approx. drilling depth 205'.

5. P.P. No. 79615. Same as Number 4, continue on Windmill Rd. to Section 10 (Parcel 5) to designated site. 360 acres - Approx. drilling depth 305'.

6. P.P. No. 79616. Ingress is via the same route as Parcel 1 (West half). Following existing road south to drill site. 320 acres - Approx. drilling depth 270'.

22. P.P. No. 79609. Same as Parcel 2 to intersection of Sec. 36-31, 1-6, T18S, R24E, then to site on Section 7 (Parcel 22). 320 acres - Approx. drilling depth 270'.

24. P.P. No. 79643. Ingress is by Highway 666 to Pearce Rd., then west approx. 2 miles on Middlemarch Pass Rd. to drill site just off the road, on Section 36, T17S, R24E. 640 acres - Approx. drilling depth 470'.

28. P.P. No. 79649. Ingress is via Highway 666 to improved road on Section Line of 7-18, T17S, R25E. East on road to intersection of Sections 8-9, 17, 16, south 1 mile to intersection of Sections 17-16, 20-21, then east 1 mile to intersection of Sections 16-15, 21-22. Drill site is outside fence in Sec. 16, near corners. This is Parcel 16. 640 acres - Approx. drilling depth 470'.

29. P.P. No. 79648. Ingress is via Highway 666 to Cartmell Ranch Rd, road strikes south-east across Sections 20, 21, 27, then north to Section 22, all in T17S, R25E. Drill site is on Section 22 (Parcel 29). 560 acres - Approx. drilling depth 410'.

EG+
File

E. GROVER HEINRICHS & ASSOCIATES

SUITE 110-4 1802 W. GRANT ROAD
TUCSON, ARIZONA, 85745 U.S.A.
(602) 624-7421

August 13, 1982

Mr. Robert Larkin
Natural Resource Planner
Arizona State Land Department
1624 West Adams
Phoenix, Arizona 85007

Re: P.P. No. 79650
Request for Permission to Drill

Dear Mr. Larkin:

Enclosed you will find a sketch map of our proposed drilling on AZ State Land P.P. No. 79650, Section 36, T17S, R25E.

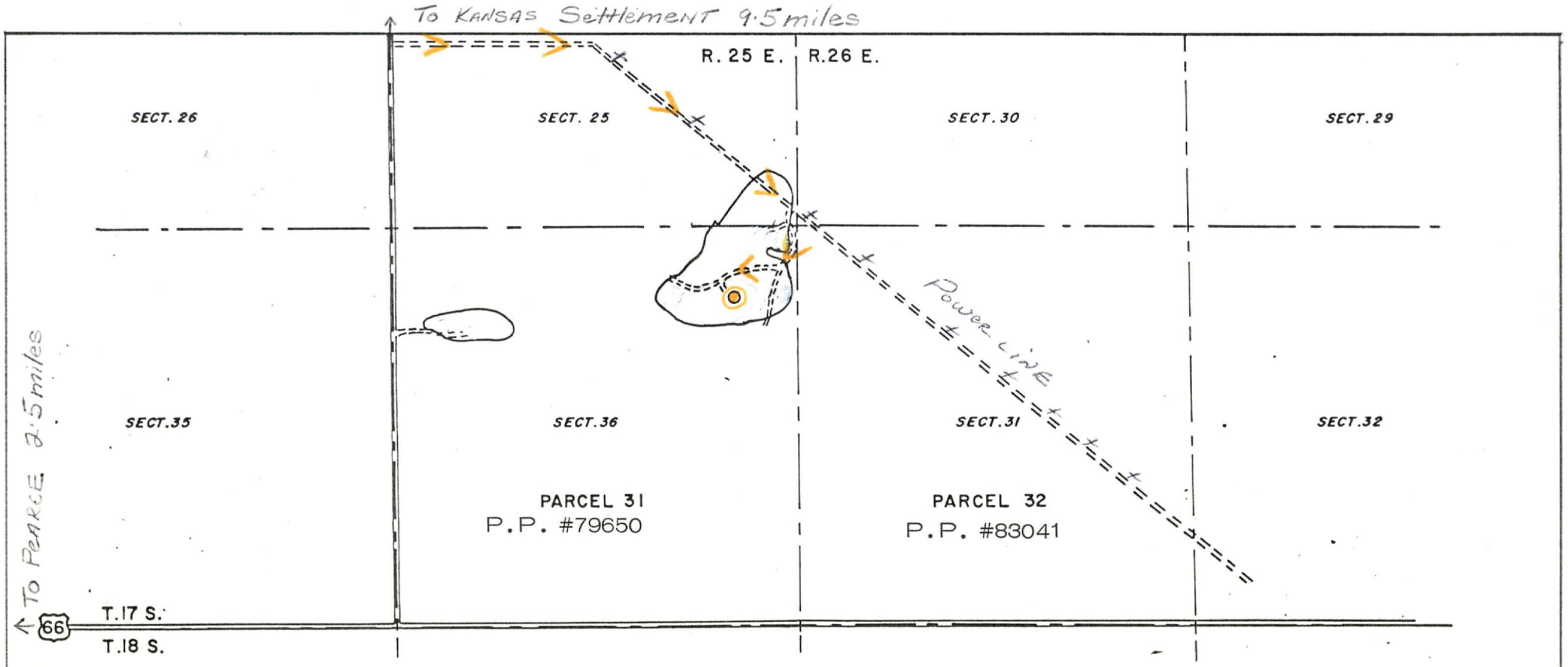
As explained to you in person on Thursday, August 5th, we intend to take the precautions necessary to protect the flora and fauna in the area, and as we will confine our work to established trail roads, there will be minimal surface damage. There will be no dozing or grading or access preparation required. The drill hole will be completed by inserting a cement plug from the surface to a depth of 10 feet.

Thank you for your verbal permission to proceed.

Sincerely,

E. Grover Heinrichs
Agent for Excel-Mineral Co., Inc.

EGH:vh
enc.
cc (without enc.):
J. A. Stephens



EXPLANATION

- INDICATES PROPOSED DRILL HOLE
- INDICATES EXISTING ROAD
- INDICATES NEW ROAD
- INDICATES ACCESS ROAD

SCALE: — 1" = 2000'

DRILL HOLE LOCATION AND ACCESS PLAN

FOR

TOWNSHIP BUTTE NORTH
STATE LEASE PARCEL NO. 31, 32

OF

PEARCE PROJECT

COCHISE COUNTY, ARIZONA

FOR

MR. JOHN A. STEPHENS

BY

E. GROVER HEINRICHS & ASSOCIATES
1802 W. GRANT RD., SUITE 110-4, TUCSON, AZ. 85705

DEC. 17, 1981 Rev. August 10, 1982

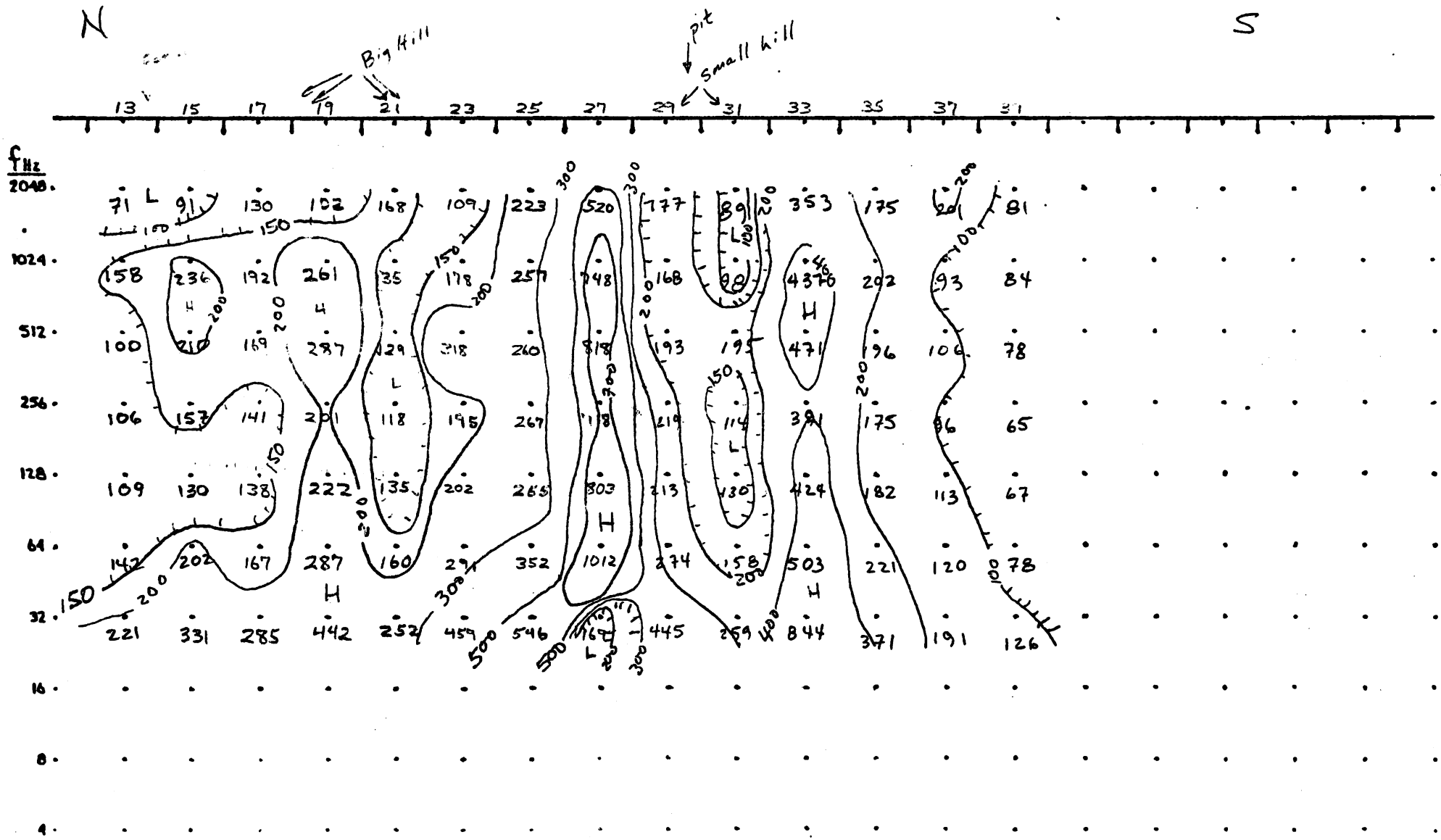
ARIZONA STATE LAND DEPARTMENT

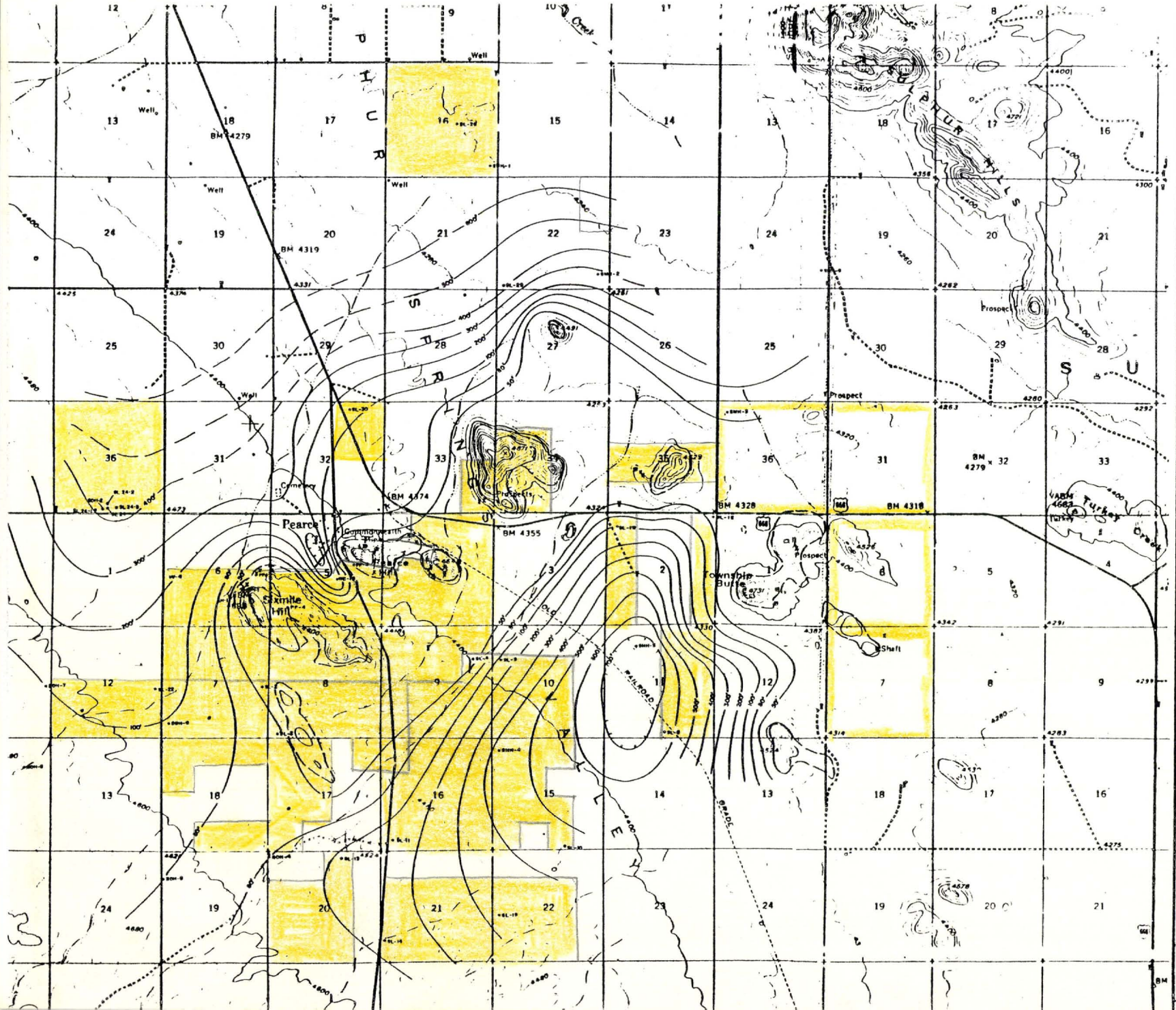
1624 West Adams - 4th Floor
Phoenix, Arizona 85007

GROUP #2 - Due August 20, 1982

Parcel No.	Surety Bond No.	Sec.	Twp.	Range	P. P. No.	Acres	Cost	Bonding in thousands $
24	7502725	36	17S	24E	79643	640.00	$1,280.00	2
28	7502729	16	17S	25E	79647	640.00	$1,280.00	2
29	7502730	22	17S	25E	79648	560.00	$1,120.00	2
30	7502731	32	17S	25E	79649	150.00	$ 300.00	1
31	7502732	36	17S	25E	79650	640.00	$1,280.00	2
32	7502733	31	17S	26E	79651	618.48	$1,236.96	2

CLIENT	Excel Mineral Co. Inc.	LINE #	0	TX LENGTH	5000 ft	PLOT OF	AMT Line 0
JOB #	1	a-SPACING	61m	TX DISTANCE	5 miles	UNITS	Ωm
LOCATION	Pearce, Arizona	BEARING	N 0° E	TX BEARING	N 0° E	PLOT BY	MWB-JLP
DATE	5/2-6/82	OPERATOR	MWB/DAS				





COMPILED BY W.G. BROWN FROM DRILL HOLE LOGS FROM PILLAR & LOWELL, WESTERN MINES AND MR. JOHN A. STEPHENS.

J.C.D. AUGUST 1981

DEPTH TO BEDROCK
OF
THE PEARCE AREA
COCHISE COUNTY, ARIZONA
FOR
MR. JOHN A. STEPHENS
BY
E. GROVER HEINRICHS & ASSOCIATES
1802 W. GRANT RD., SUITE 110-4, TUCSON, AZ. 85705

MARK W. BLOHM
6149 So. Broadway
Littleton, Colorado 80120
(303) 794-2381

JOB OJBECTIVE:

Exploration Mining Geophysicist

EDUCATION:

B.S. Geophysical Engineering, December 1979
Colorado School of Mines, broad engineering background in Mining, Geothermal, and Petroleum Exploration.

Undergraduate Study, Forestry and Natural Resources, Colorado State University, Liberal Arts and Forestry background.

EXPERIENCE:

January 1981-Present	Crew Chief-Geophysicist, Excel-Mineral Co. Southwest New Mexico and Montana gold-silver prospects. Responsibilities include acquisition, compilation, and interpretation of MaxMin II, VLF, Magnetics, Complex Resistivity, Resistivity-Phase I.P. and helicopter EM (Dighem) data. Also helped supervise geochem, geologic mapping, and drilling projects.
December 1979-November 1980	Crew Chief-Geophysicist, The Anaconda Company. Brooks Range and Seward Penninsula, Alaska. Volcanogenic Massive Sulfides and Tin prospects. Responsibilities included data acquisition, compilation, and interpretation of MaxMin II, VLF, Magnetics, Gravity, and D.C. Resistivity data.
Sept. 1979-December 1979	Part-time work, the Anaconda Company. Worked on compilation and interpretation of geophysical data obtained May 1979 - September 1979 (see below)
May 1979-Sept. 1979	Temporary Geophysicist, The Anaconda Company. Southeast and Brooks Range, Alaska. Massive Sulfide prospects. Airborne Em follow up. Responsibilities included data acqusition and preliminary in-field interpretation of MaxMin II, VLF, and Magnetics data.
December 1978-May 1979	Part-time work, The Anaconda Company. Worked with staff geophysicists on Magnetic and Gravity interpretation.

EXPERIENCE: (Cont'd)

May 1977- Sept. 1977	Field work, Western Geophysical Company. Worked in Utah and Wyoming on Vibroseis crew (V-23).

PERSONAL:

Single; 6'0"; 175 lbs.; 26 years of age; excellent health

REFERENCES:

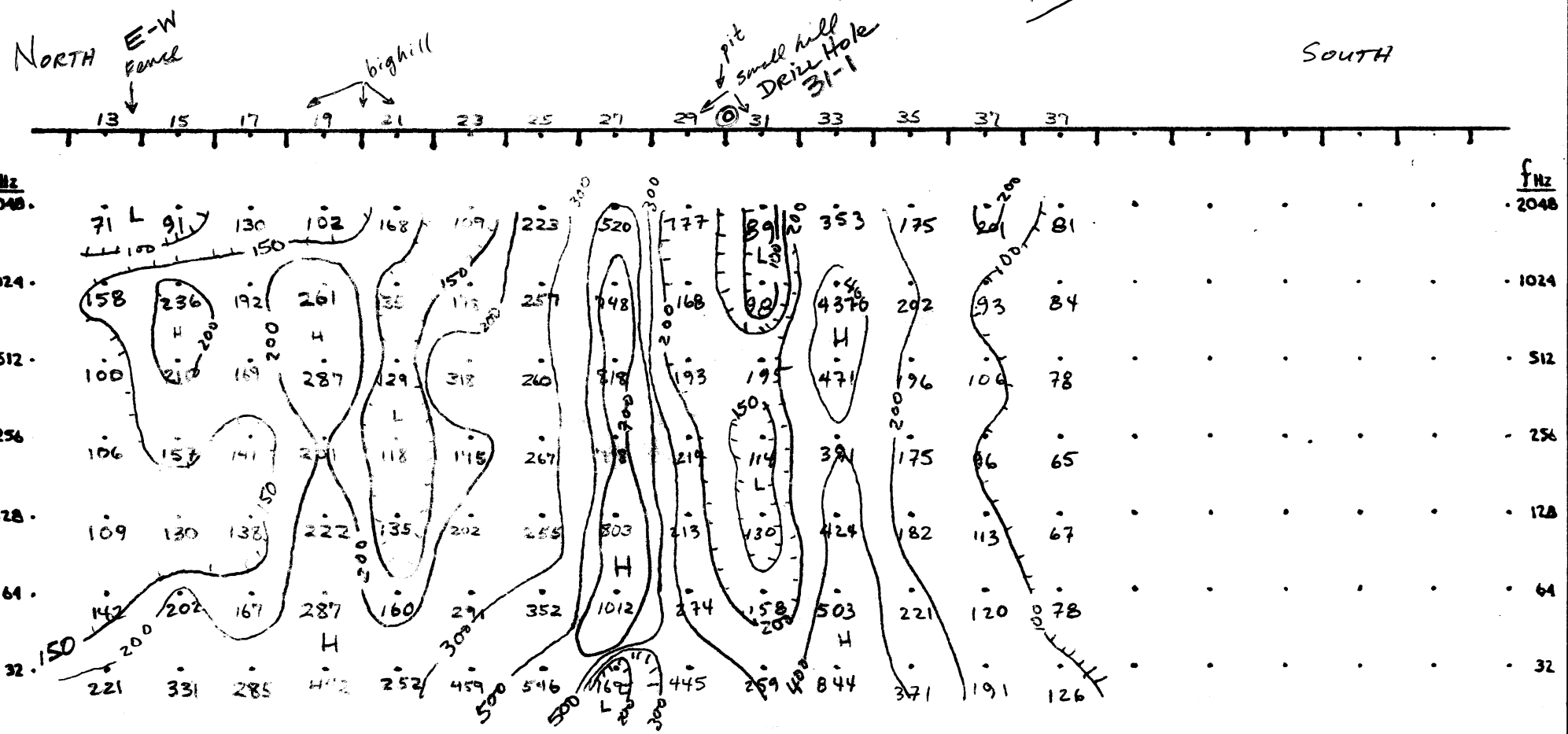
Available upon request.

Grover

CLIENT	Excel Mineral Co. Inc	LINE #	0	TX LENGTH	5000 ft	PLOT OF	CSAMT Line 0
JOB #	1	a-SPACING	61m	TX DISTANCE	5 miles	UNITS	Ωm
LOCATION	Pearce, Arizona	BEARING	N 0° E	TX BEARING	N 0° E	PLOT BY	MWR-JJF
DATE	5/2-6/82	OPERATOR	MWR/DAS				

Scale 1" = 400' Approx.

Final



1. This application must be accompanied by $25.00 filing fee.
2. Applications must not cover more than ONE section.
3. All questions must be answered.
4. Attach a scaled plat for answers to numbers 4, 5, 7, 8. (Preferably a U.S.G.S. Topo Map.)

STATE LAND DEPARTMENT
1624 West Adams
Phoenix, Arizona 85007

APPLICATION FOR MINERAL PROSPECTING PERMIT

I/WE E. GROVER HEINRICHS (Name)

of Suite 110-4 1802 West GRANT Rd. 624-7421
TUCSON, AZ. 85745 (Address) (Telephone Number)

do hereby make application for a mineral exploration or prospecting permit on the State Lands hereinafter described, in accordance with the provisions of Title 27, Chapter 2, Article 4, Arizona Revised Statutes, such rules and regulations as the Commissioner may prescribe and the terms of the permit. Submit any additional information the Commissioner deems necessary, and to follow whatever steps that may be prescribed to protect the fresh water-bearing formations from contamination.

LEGAL DESCRIPTION:	SECTION	TOWNSHIP	RANGE	ACRES	COUNTY	GRANT
Lots 2; 3; 4	3	18S.	25E	119.5	Cochise	
Lot 1; S1/2 N1/2; S1/2	3	18S	25E	519.94	Cochise	
				639.44		

1. State whether inidividual, partnership or corporation: Individual
2. If an individual, are you a citizen of the United States? yes Age 57 Married? yes Single? —
3. Are there valid mineral locations, claims or leases on this Section? No
4. Are there any abandoned workings on this Section? No except for some shallow prospect pits.
5. Will it be necessary to cross other State Lands to reach the land under application? No
6. Are there improvements or crops on the land under application? No
7. Indicate on plat the routes of ingress and egress to land under application.
8. Indicate primary type of mineral for which exploration is being conducted. precious metals - Gold & Silver
9. What is the anticipated depth to the top of the ore body? 300'
10. Which type mining operation do you anticipate for the extraction and/or removal of ore and/or mineral? Open Pit____ Underground____ in situ leaching____ other difficult to determine at this time what mining method may be used.
11. Indicate the type of exploratory method or methods to be employed: At this time No excavations are planned.
    a. EXCAVATIONS: Backhoe ( ) Bulldozer ( ) Other ( ) Specify____
    b. GEOPHYSICAL: (type) Electromagnetic Geological (X) Geochemical (X)
    c. DRILLING: ( ) Location: Show location(s) feet to nearest Section lines on plat. Indicate each location on plat, the elevation, hole size, and anticipated T/D. (No drilling shall be commenced without written approval from the Department; a scaled plat showing above information shall be filed with the request for such approval.)

At this time no drilling is planned.

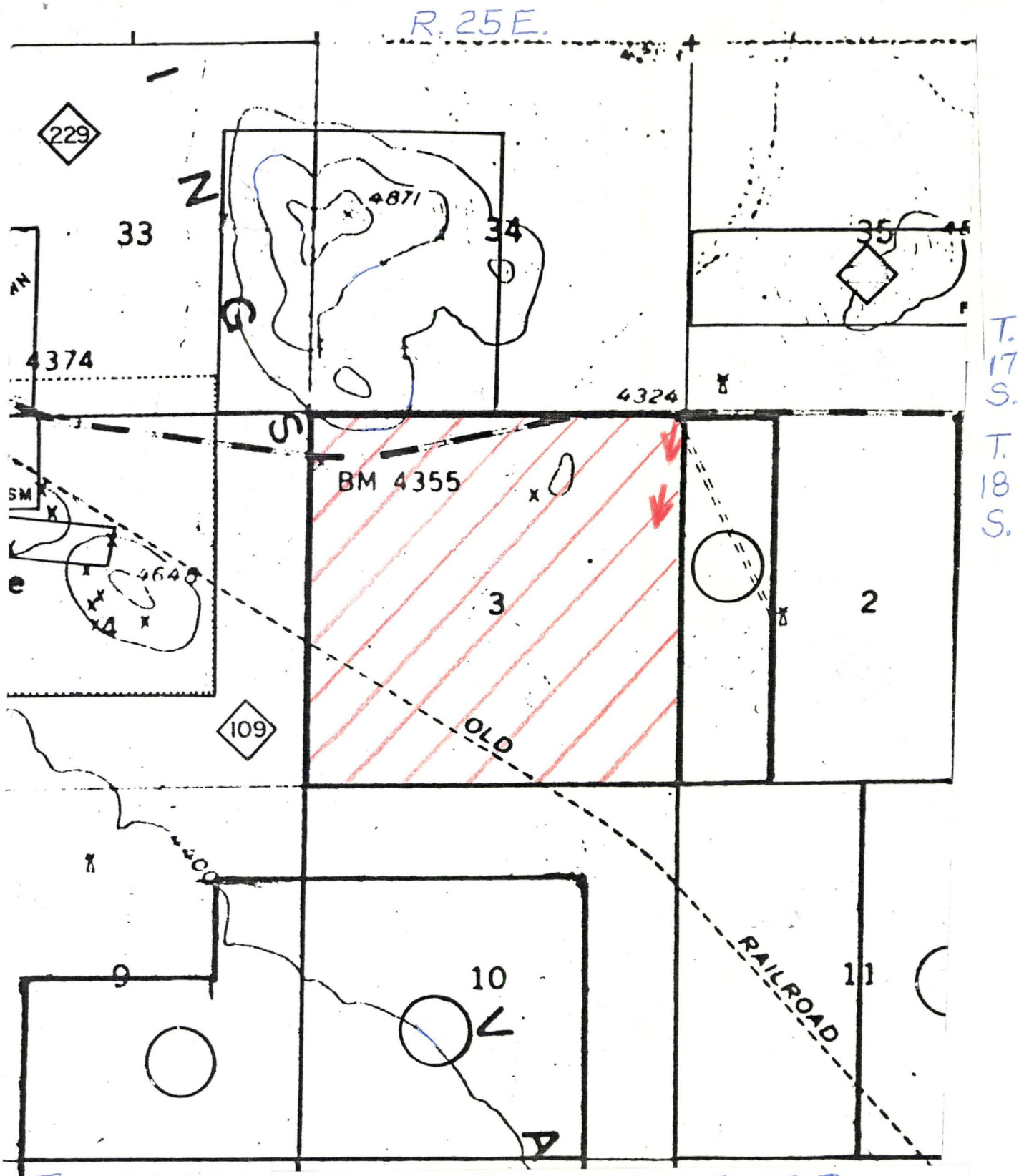
CERTIFICATION

I/WE hereby certify under penalty of perjury that the information contained and statements herein made are to the best of (my/our) knowledge and belief true, correct and complete.

Dated this 5th day of August, 1982

E. Grover Heinrichs
Applicant
E. GROVER HEINRICHS
By:____
Suite 110-4
1802 W. GRANT Rd.
Address TUCSON, AZ
85745

47- -73



EXPLANATION

ARIZONA STATE LAND FOR Prospecting permit

Route of ingress & egress

SKETCH FOR AZ P.P.

E. GROVER HEINRICHS & ASSOCIATES
SUITE 110-4 1802 W. GRANT ROAD
TUCSON, ARIZONA 85745

Scale 1" = 2000'

DATE August 5, 1982

N

P.I.E.

State of Arizona

DEPARTMENT OF WATER RESOURCES

~~222 North Central Avenue, Suite 850, Phoenix, Arizona 85004~~

99 East Virginia, Phoenix, Arizona 85004

May 13, 1981

Mr. E. Grover Heinrichs and Associates
1802 West Grant Road, Suite 110-4
Tucson, Arizona 85705

Dear Mr. Heinrichs:

Per our telephone conversation of May 13, 1981, I have enclosed the section from the draft regulations pertaining to exploration wells.

If you have any questions, please feel free to contact me at 255-1586.

Thank you for your inquiry.

Sincerely,

Roger Kennett

Roger Kennett
Staff Hydrologist

Encl/

nh

PAUL

DEPT OF WATER RESOURCES - ARIZ

PART IV: EXPLORATION WELLS

1. APPLICATION FOR EXPLORATION DRILLING PERMIT

Any person, firm or corporation prior to conducting exploration drilling for minerals or other data within the state must apply with the Department for an Exploration Drilling Permit. Applications will be provided on forms available at the Department of Water Resources and will contain the following:

--Name and address of exploration company.

--Approximate project location; the township(s) in which the drilling will be done.

--Name and address of the drilling contractor(s) performing the drilling. By law the contractor must hold a valid Arizona Well Driller's License.

--Type(s) and number of drilling machine(s) and method of drilling to be used during the exploration project.

--Approximate number of wells to be drilled under this permit.

--Proposed abandonment plan, or well construction plan if wells are to be kept open for observation or re-entry, or converted to water wells, assuming all goes as expected during drilling.

2. PERMITTING OF EXPLORATION PROJECTS

Upon receipt of the above application, complete with the information requested, the Department will provide the applicant with the pertinent permits(s). The applicant will provide to the drilling contractor(s) an original copy for each drilling machine to be used in the project. The following information will be shown on the permit(s):

-Exploration firm name

-Expiration date of permit

The permit will be available at the drill site for inspection at all times. The permit will expire one year after issued if a project status report is not filed during that time. Project status report is discussed in Section 3. After the permit(s) is issued to the applicant, a packet of information and forms will follow. The packet will contain the following:

-Information on the aquifer(s) and water resources in the permitted area:

--depth to water in aquifer(s) in the area

--general description of water quality if information is available

--specific water quality problems

--suggested method of well construction or abandonment if the proposed plan on application is not appropriate for the aquifer or water quality conditions in the area

-Project status report form will be provided

3. PROJECT STATUS REPORT

The project status report form, provided by the Department, will be mailed to the Department within ten (10) days after drilling starts. The project status report will contain the following information:

-Date drilling started

-Name, address, and telephone number of a responsible representative of the exploration firm

The responsible representative will have available to the Director, for inspection, records on the project status upon reasonable

notice. The records will include:

-Number of wells drilled to date

-Locations of the wells to the nearest 10 acres (Arizona Well Number System)

-Geologic or driller logs of wells

-If abandonment changed from original plan

-Depths to water where encountered (if such information is available, understanding that some drilling methods prevent the dection of water bearing zones and depth to water information)

Geologic information and/or driller log data will remain in possession of the exploration firm and need only be available for comparison with the abandonment plans. If geologic logs, driller logs or geophysical logs are not available, the abandonment plan must meet Department approval for the permitted areas.

4. COMPLETION REPORT

Within 60 days of the project completion, the exploration firm will file a completion report with the Department. If the project continues for more than one calendar year, an annual progress report shall be filed within 30 days of the anniversary date of the project status report. The completion report will contain the following:

-Number of wells drilled

-Location of each to the nearest 10 acres

-Water level, in each, if encountered or detected

-Abandonment plan used (need not be by individual well if similar conditions existed through the area or portions of the area); or, construction details of wells completed

for observation purposes or are intended for re-entry or are converted to water wells

-Report on variations in abandonment plans and anomalous conditions, to include:

--location of wells

--description of anomalous conditions

--corrective measures taken to provide abandonment that conforms to the intent of these regulations

-Date project was completed

NOTE: For long-term projects, this information will be supplied annually for those wells completed during the reporting period.

EGH
File

E. GROVER HEINRICHS & ASSOCIATES
SUITE 110-4 1802 W. GRANT ROAD
TUCSON, ARIZONA, 85745 U.S.A.
(602) 624-7421

September 2, 1982

Arizona State Land Department
1624 West Adams
Phoenix, Arizona 85007

Re: Renewal Documents
AZ P.P. #79611
Our Parcel #1
Our Letter to You Dated August 30, 1982

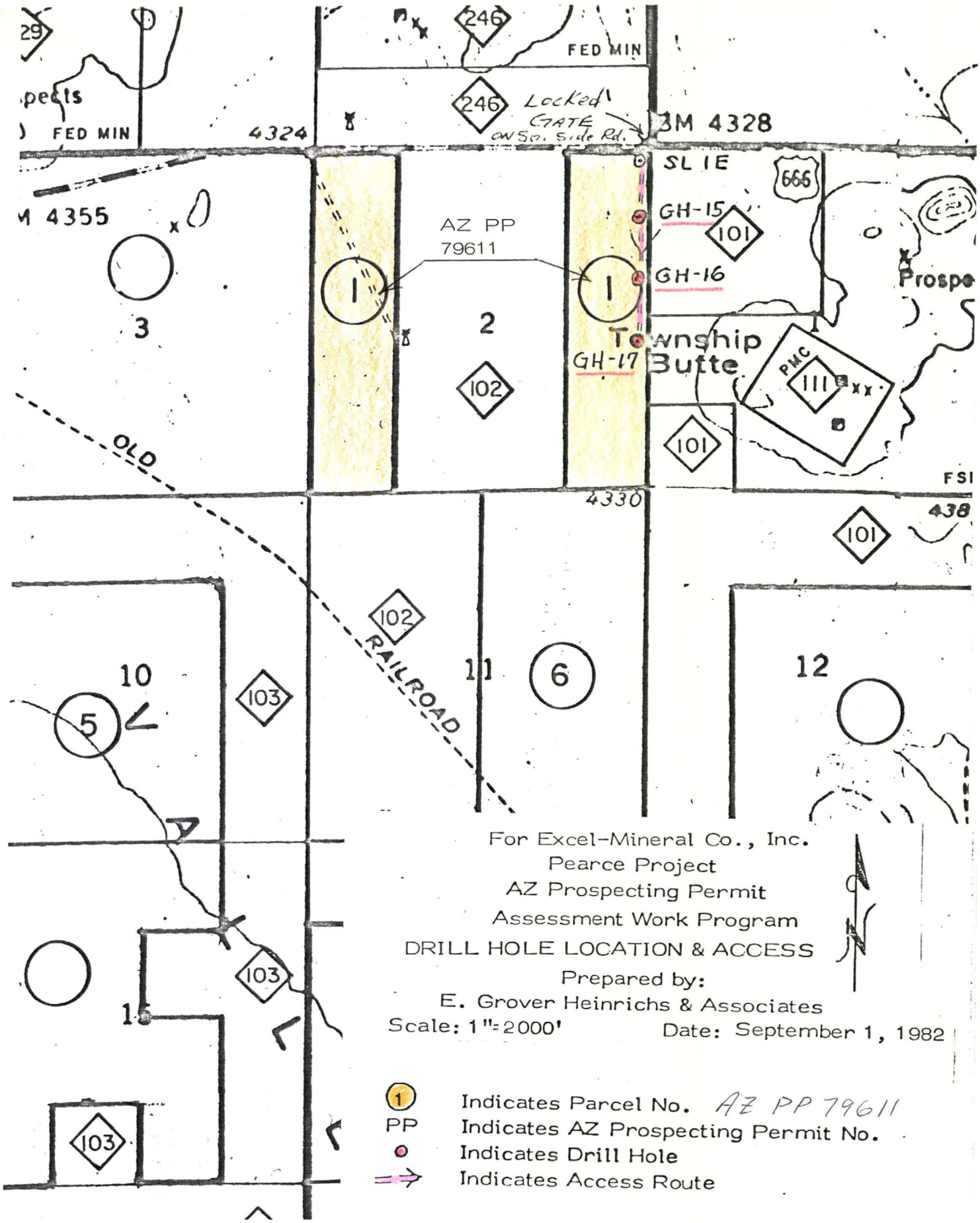
Gentlemen:

Herewith enclosed is Item 5), a sketch map showing drill hole locations drilled for the assessment period of September 3, 1981 through September 2, 1982 (DH-15, 16 and 17).

Sincerely,

E. Grover Heinrichs
Agent for John A. Stephens

EGH:vh
enclosure



For Excel-Mineral Co., Inc.
Pearce Project
AZ Prospecting Permit
Assessment Work Program
DRILL HOLE LOCATION & ACCESS
Prepared by:
E. Grover Heinrichs & Associates
Scale: 1"=2000' Date: September 1, 1982

(1) Indicates Parcel No. AZ PP 79611
PP Indicates AZ Prospecting Permit No.
Indicates Drill Hole
Indicates Access Route

State Assessment 5-8-87
Sec 36 T17S R. 25E
Sec. 31 T17S R. 26E

Terry L. Pearce, Graduate geophysicist Univ. of Alaska
Geoph. employee Excel Mineral
5 years experience

1. David A. Smith Geoph. Consultant to Excel Mineral
a) Invoice

CSAMT = (Controlled Source Audio Freq. Magnetotellurics)

15% 2 man crew $1370/day
on site 7 days
Mobilization & Demob 2 days

1280 acres 12800

2.50

.75 Total 1200 - 1600
.75

15, 16, 17

5962.
375
6337

PAUL

DRILLING BID COMPARISON - PEARCE PROJECT

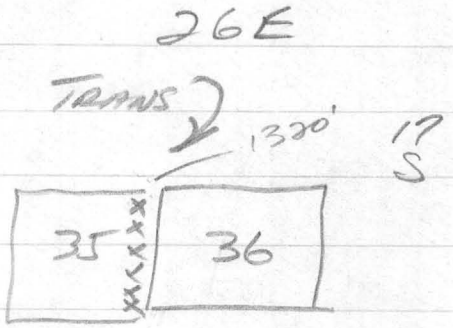
BILL BROWN
5/18/81

ESTIMATED COST OF DRILLING TWO VERTICAL HOLES - ROTARY - 1000' OF DRILLING

ITEM	VENTURE	DRILL X INC	KNIGHT DRILLING	MAXFIELD + HARRIS
1. MOBILIZATION + DEMOBILIZATION	INCLUDED IN PER FT. COST	INCLUDED IN PER FT. COST	1,000 00	500 00
2. DRILLING: ROTARY - 0' - 500'	11.25 x 1000' - 11,250 00	12.00 x 1000' - 12,000 00	6.25 x 1000' 6250 00	5.25 x 1000' - 5,250 00
3. SETTING UP - MOVING BETWEEN HOLES - 25 HRS	INCLUDED IN PER FT. COST	INCLUDED IN PER FT COST	25 x 125.00 - 3,125 00	25 x 135.00 - 3,375 00
4. HAZARDOUS DRILLING: BAD ROCK, LOST AIR CEMENTING, ECT. - 20 HRS	INCLUDED	INCLUDED	20 x 125.00 - 2500.00	20 x 135 00 - 2700 00
5 CEMENT - FOAM, ECT. @ .25/FT	INCLUDED	INCLUDED	.25 x 1000 - 250 00	.25 x 1000 250 00
6 STAND BY FOR CLIENT'S CONVENIENCE 10 HRS	10 x 125.00 - 1,125 00	10 x 85.00 - 850 00	10 x 125.00 - 1,125 00	10 x 135.00 1 350 00
7 WATER TRUCK RENTAL MILEAGE	INCLUDED	INCLUDED	NO CHARGE	NO CHARGE
8 BIT COSTS - @ .25/FT.	INCLUDED	INCLUDED	.25 x 1000' - 250 00	.25 x 1000' 250 00
9. PER DIEM CHARGE 30/DAY/MAN @ 10 DAYS	INCLUDED	INCLUDED	1 x 30.00 x 10 300.00	2 x 30 x 10 600 00
10 SAMPLE BAGS - 400 @ .20/BAG	INCLUDED	INCLUDED	400 x .20 80.00	400 x .20 80.00
11 CONTINGENCIES. CASING, PLUGGING HOLE, ECT. .75/FT.	.75 x 1000 - 750 00	.75 x 1000 - 750 00	.75 x 1000 - 750 00	.75 x 1000 - 750 00
ESTIMATED COST OF DRILLING 1000'	13,125 00	13,600 00	15,630 00	15 105 00
ESTIMATED AVERAGE COST PER FOOT	$ 13.12	$ 13.60	$ 15 63	$ 15 10

Layout of CSAMT

Exhibit C.



Res. Electro Mag (REM)

DAILY COST ESTIMATE FIGURES March 2, 1982

Daily Costs for 3-MAN CREW

	REM	CR	RP	CSAMT
production	$1730	$1660	$1460	$1570
weather-standby	for all surveys $770			
travel (use base + estimated mileage	base: $216 mileage: $2.12/mile			
off/down/maintenance	for all surveys $280			

Daily Costs for 4-MAN CREW

	REM	CR	RP	CSAMT
production	$1930	$1860	$1660	$1770
weather-standby	for all surveys $895			
travel (use base + estimated mileage	base: $266 mileage: $2.42/mile			
off/down/maintenance	for all surveys $330			

Daily Costs for 5-MAN CREW

	REM	CR	RP	CSAMT
production	$2130	$2060	$1860	$1970
weather-standby	for all surveys $1020			
travel (use base + estimated mileage	base: $316 mileage: $2.72/mile			
off/down/maintenance	for all surveys $380			

Based on: Jan 1982 price schedule, 10 hours/day, 2 trucks, including expenses, report and data charges.

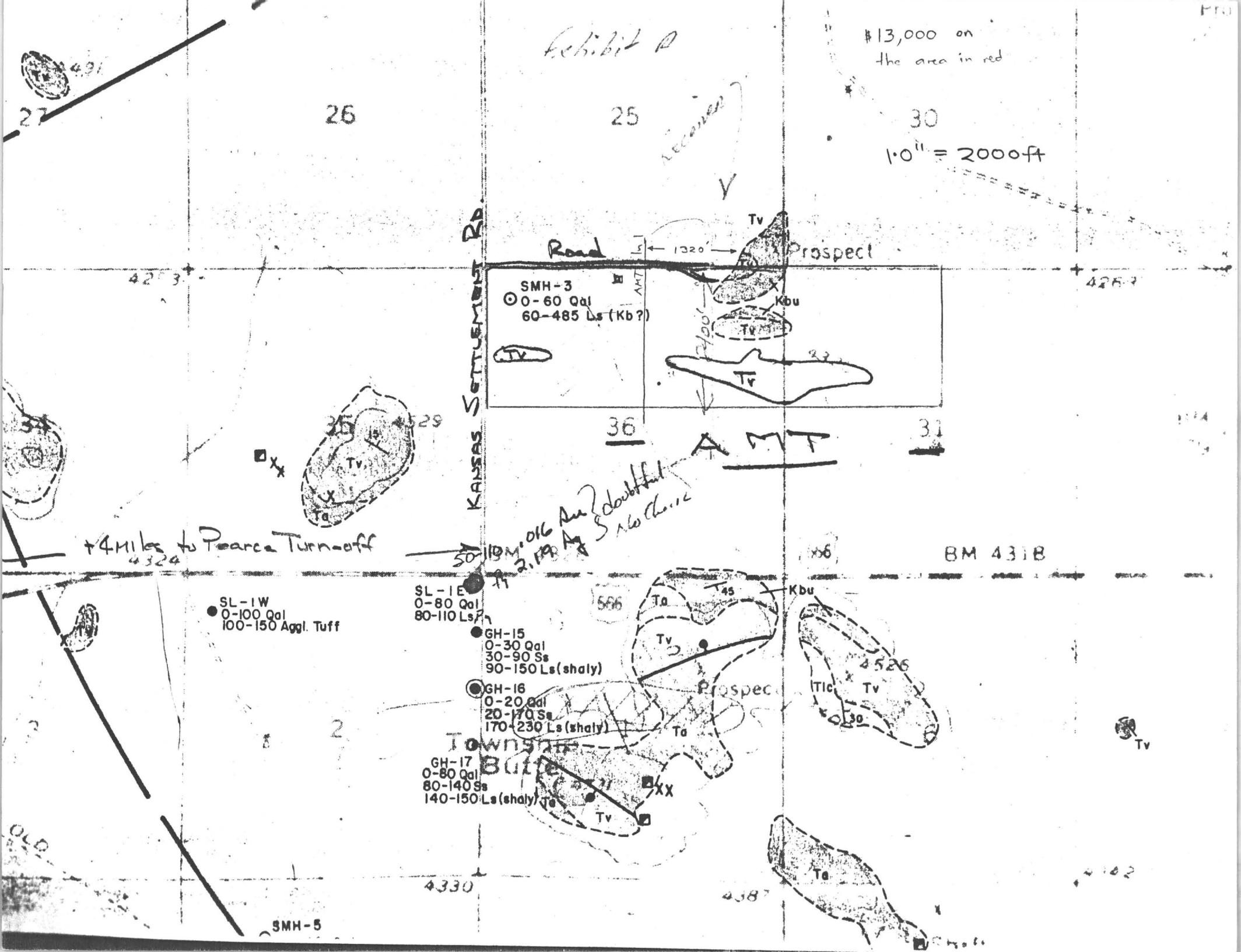


Exhibit A
$13,000 on the area in red
1.0" = 2000ft
27
26
25
30
Road
1320'
Prospect
Tv
Kbu
SMH-3
0-60 Qal
60-485 Ls (Kb?)
KANSAS SETTLEMENT RD
36
31
AMT
+4 Miles to Pearce Turn-off
BM 431B
SL-1W
0-100 Qal
100-150 Aggl. Tuff
SL-1E
0-80 Qal
80-110 Ls
GH-15
0-30 Qal
30-90 Ss
90-150 Ls (shaly)
GH-16
0-20 Qal
20-170 Ss
170-230 Ls (shaly)
GH-17
0-80 Qal
80-140 Ss
140-150 Ls (shaly)
Prospect
Townsend Butte
Tlc
4330
SMH-5

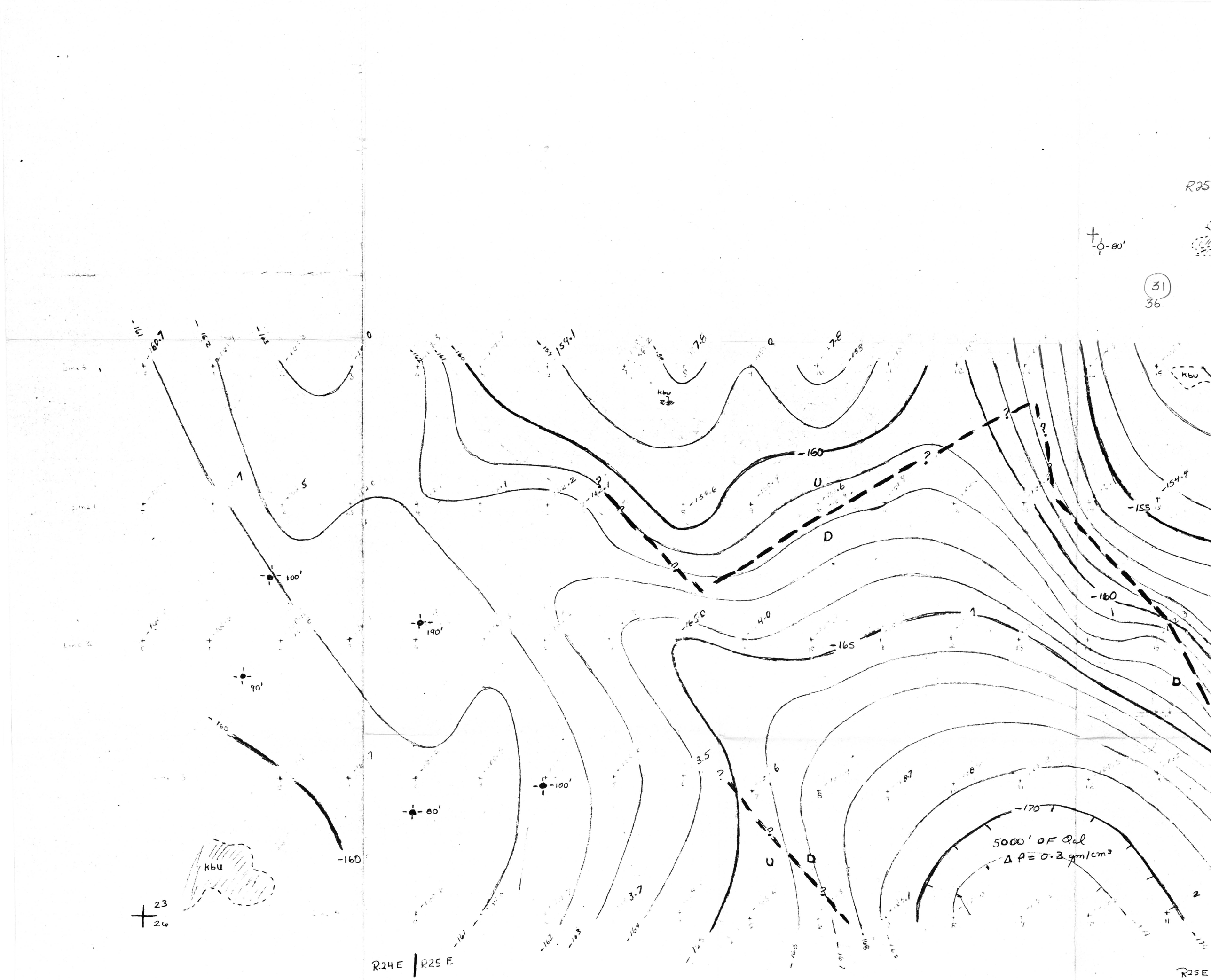
CLIENT	Excel-Mineral Co.	LINE #	0	TX LENGTH	5000'	PLOT OF	AMT
JOB #	1	a-SPACING	61 m	TX DISTANCE	5 mi	UNITS	Ω-m
LOCATION	Pearce	BEARING	N0°E	TX BEARING	N0°E	PLOT BY	MWB DAS
DATE	5 / 6 / 82	OPERATOR	MWB/DAS				

Crew

Basic findings (Raw Data)
Exhibit B

Littleridge

	f_{Hz}	135	155	175	195	215	235	25	275	295	315	335	35	37	39	f_{Hz}
15	2048	67	67.5	?	?	?	?	?	?	?	?	?	?	?	?	2048
14	1024	202	248	190	280	120	195	255	900	185	100	440	210	90	80	1024
13	512	89.6	202	180	280?	135	317	260	825	200	210	470	200	110	70	512
12	256	112	158	140	200	118	180	260	700	220	121	400	175	95	69	256
11	128	112	135	138	223	185	200	260	800	210	127	424	180	110	67	128
10	64	134	202	170	285	160	291	340	1000	275	158	500	231	120	80	64
9	32	224	113	285	442	250	459	545	1700	450	255	850	380	191	128	32
	16															16
	8															8
	4															4



R. 24 E. | R. 25 E.

Explanation

Density for the Bouguer correction is 2.67 gm/cm³

Contour interval is 1mgal

Scale 1" = 2000'

(Kbu) ~ outcrop Cretaceous Bisbee formation

-●- Drill hole that intersected Cretaceous Bisbee formation and depth.
200'

—U/D— Fault interpreted from gravity data

GRAVIT

SIMPLE BOUG

THE

Coc

EXC

M

N

by