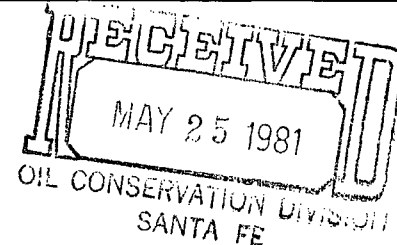


GTLT - _____5_____

13-25S-20W
Hidalgo County

672-216



GEOHERMAL BRANCH

May 8, 1981

CERTIFIED MAIL #1141329
RETURN RECEIPT REQUESTED

Mr. Carl Ulvog
Senior Petroleum Geologist
State of New Mexico
Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: AMAX Exploration, Inc. Animas Project (672), Hidalgo County,
New Mexico

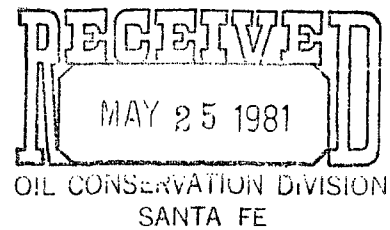
"Sundry Notices and Reports on Geothermal Resources Wells" for
Hole Nos. 672-206 and 672-231 under permit approved February 15,
1980 (AMAX No. NM-OC-2028)

Dear Mr. Ulvog:

This letter is written to notify you that drilling activities conducted by AMAX Exploration, Inc. under the above-referenced permit at the Animas Project in New Mexico have been completed. The holes were plugged on April 13, 1981 and proper abandonment and reclamation activities have been carried out.

The following is submitted in triplicate:

- 1) Geothermal Well Completion Report for each hole which was drilled.
- 2) Lithologic logs, including hole number, location, elevation, date drilled, method used, and gamma for each hole which was drilled.
- 3) Temperature logs for each hole which was drilled.
- 4) Exhibit A indicating Method of Completion and Abandonment Procedure.



Mr. Carl Ulvog
May 8, 1981
Page 2

The following holes were not drilled:

672-203	672-216	672-230
672-204	672-217	672-232
672-205	672-218	672-233
672-207	672-222	672-234
672-209	672-229	672-235
672-210		

As AMAX Exploration, Inc. anticipates no further work at these well sites, we request that the case file be closed.

If I can be of further assistance, please contact me at your earliest convenience.

Sincerely,

AMAX EXPLORATION, INC.

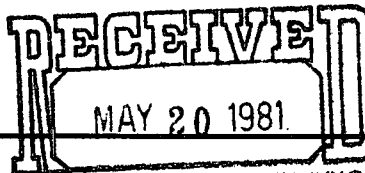
Carolyn J. Holtgrewe
Carolyn J. Holtgrewe
Permit Assistant

CJH/bsw

AMAX

A SUBSIDIARY OF AMAX INC.

EXPLORATION, INC.



OIL CONSERVATION DIVISION
SANTA FE

GEOTHERMAL BRANCH

April 28, 1981

Mr. Carl Ulvog
Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Affidavit of Responsibility, Conversion to Water-Well

Dear Mr. Ulvog:

During the course of compiling information concerning rules, regulations, forms, etc., to be used in geothermal exploration operations in the state of New Mexico, I came across the above-referenced form. Please advise me when this form should be used and the section(s) to which this is referenced in the Rules and Regulations. Also, please send me ten (10) copies of this form if it is one which we are responsible for filing.

Thank you for your time and assistance.

Sincerely,

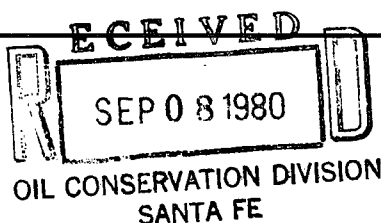
AMAX EXPLORATION, INC.

Carolyn J. Holtgrewe

Carolyn J. Holtgrewe
Permit Assistant

CJH/bsw

*5/27: Talked to Holtgrewe about their
and Cockrell well. They are trying to
work out deal for re-entering. Otherwise no
more gradient holes planned for now.*



GEOTHERMAL BRANCH

September 2, 1980

CERTIFIED MAIL #P260191949

Mr. Carl Ulvog
State of New Mexico
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: Application for Permit to Drill, Deepen, or Plug Back -
Geothermal Resources Well for Drilling Thermal Temperature
Gradient Observation Holes to 2,000' or Less in Hidalgo
County, New Mexico. (AMAX Exploration, Inc.: Animas
Project - Project No. 672)

Dear Mr. Ulvog:

Pursuant to our telephone conversation on September 2, 1980, AMAX Exploration, Inc. would like to request a 90-day extension of our approved Applications for Permit to Drill, Deepen, or Plug Back - Geothermal Resources Well for:

Hole No. 672-203
Hole No. 672-204
Hole No. 672-205
Hole No. 672-206
Hole No. 672-207
Hole No. 672-209
Hole No. 672-210
Hole No. 672-216
Hole No. 672-217
Hole No. 672-218
Hole No. 672-222
Hole No. 672-229
Hole No. 672-230
Hole No. 672-231
Hole No. 672-232
Hole No. 672-233
Hole No. 672-234
Hole No. 672-235

The original Applications for Permit to Drill, Deepen, or Plug Back - Geothermal Resources Wells were approved on February 15, 1980 and expired on May 14, 1980. Information on these permit applications remains the same except the approximate date work will start will be some time during the last quarter of 1980.

Mr. Carl Ulvog
September 2, 1980

Page 2

Thank you for your assistance in extending these permit applications. If I can be of further assistance in explaining AMAX Exploration, Inc.'s drilling and reclamation activities, please do not hesitate to call.

Sincerely,

AMAX EXPLORATION, INC.

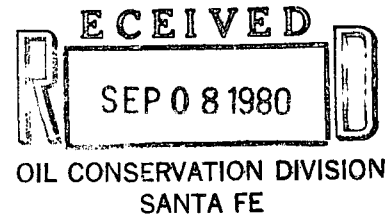
Wendy E. Merrill

Wendy E. Merrill
Permit Coordinator

WEM:bsw

cc: Harry Olson
Dean Pilkington
Al Shenker

*9/10/80
I gave verbal approval - CU*



*at American Motor Inn - Lordsburg
542-3591 Rm 307*

9-18-80 Dalg on Fed Lee - McCarty

*11/14/80: Verbal approval to extend permits indefinitely.
Amax drilled 4. Now evaluating. May drill some
more and may ask for 2000' depths. CU*

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Operator	1
Land Office	1

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK---GEOTHERMAL RESOURCES WELL

5. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5.a State Lease No. NA
AMAX Lease No. 672-3013

1a. Type of Work	Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>	7. Unit Agreement Name	NA	
1b. Type of Well	Geothermal Producer <input type="checkbox"/> Low-Temp Thermal <input type="checkbox"/>	8. Farm or Lease Name	NA	
2. Name of Operator	AMAX Exploration, Inc.		9. Well No.	672-216
3. Address of Operator	7100 W. 44th Avenue - Wheat Ridge, Colorado 80033		10. Field and Pool, or Wildcat	Wildcat
4. Location of Well	UNIT LETTER <u>N</u> LOCATED <u>2,400</u> FEET FROM THE <u>West</u> LINE		12. County	Hildago
AND <u>175</u> FEET FROM THE South LINE OF SEC. <u>13</u> TWP. <u>T25S</u> RGE. <u>R20W</u> NMPM				

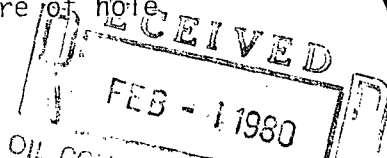
19. Proposed Depth	2,000'	19A. Formation	Alluvium or Tertiary Volcanics	20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	4,200' ground level	21A. Kind & Status Plug Bond	\$10,000 Multiple-	21B. Drilling Contractor	Not known at this time
Well Geothermal Exploratory, Development, Injection, or Disposal Well Bond PROPOSED CASING AND CEMENT PROGRAM				22. Approx. Date Work will start	2/15/80
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
*9 7/8"	7"	17 pound	200'	40	Surface
*6 1/4"	1-1/4"	steel pipe	2,000'	3	

*Hole sizes will not exceed this diameter, but may be smaller depending on bit size availability

- (1) Drill 9 7/8" hole to 200'
- (2) Run 7" casing
- (3) Cement 7" casing to surface
- (4) Drill 6 1/4" hole to 2,000'
- (5) Run 1 1/4" steel pipe to 2,000'
- (6) Cement the top 10' of the 1 1/4" pipe
- (7) Fill the 1 1/4" pipe with water
- (8) Measure temperature of hole

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 5-14-80
UNLESS DRILLING UNDERWAY

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS



ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

William M. Dolan

Attorney-in-fact

Manager, Geothermal Exploration Date January 28, 1980

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 2/15/80
CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator AMAX Exploration, Inc.		Lease NA (AMAX Fee Lease No. 672-3013)		Well No. 672-216
Section 13	Township T25S	Range R20W	County Hildago	
Actual Footage Location of Well: 2,400 feet from the West line and 175 feet from the South line				
Ground Level Elev. 4,200'	Producing Formation NA	Pool NA	Dedicated Acreage: NA Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. NA
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). NA
 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? NA
- ☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

RECEIVED
FEB - 1 1980
OIL CONSERVATION COMMISSION
SANTA FE

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]

Name
William M. Dolan
Position Attorney-in-fact
Manager, Geothermal Exploration
Company
AMAX Exploration, Inc.
Date
January 28, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
NA
Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000