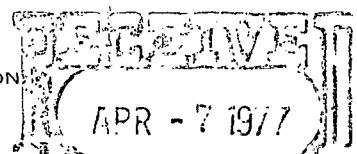


GTLT - _____8_____

**25-24S-21W
Aminoil USA, Inc.
(Hidalgo County)**

NMA-1

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | 6 |
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| File | 2 ✓ |
| N.M.B.M. | 1 |
| U.S.G.S. | 1 |
| Operator | 1 |
| Land Office | |

BLM

1

APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK--GEOTHERMAL RESOURCES WELL5. Indicate Type of Lease
STATE ☒ COMM. ☐
FEE ☒
5.a State Lease No.

| | | | | |
|--|--|--|---|----------------------------------|
| 1a. Type of Work | Drill <input checked="" type="checkbox"/> | Deepen <input type="checkbox"/> | Plug Back <input type="checkbox"/> | 7. Unit Agreement Name |
| b. Type of Well | Geothermal Producer <input type="checkbox"/> | Temp Observation <input checked="" type="checkbox"/> | Injection/Disposal <input type="checkbox"/> | 8. Farm or Lease Name |
| Low-Temp Thermal <input type="checkbox"/> | | | | Mr. A. Smith |
| 2. Name of Operator | | | | 9. Well No. |
| Aminoil USA, Inc. | | | | N.M.A.1 |
| 3. Address of Operator | | | | 10. Field and Pool, or Wildcat |
| P.O. Box 11279, 1150 A Coddington Center Santa Rosa, California 95406 | | | | Wildcat |
| 4. Location of Well | | | | 12. County |
| UNIT LETTER <u>C--</u> LOCATED <u>550</u> FEET FROM THE <u>North</u> LINE | | | | Hidalgo |
| AND <u>1,500</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>24 S</u> RGE. <u>21 W</u> NMPM | | | | |
| 19. Proposed Depth | | | | 19A. Formation |
| 500' | | | | Tertiary Volcanic |
| 20. Rotary or C.T. | | | | Rotary |
| 21. Elevations (Show whether DF, RT, etc.) | | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
| 4328 A.S.L. (GE) | | 8073-83-26 | Cason Drilling Co. | April 1977 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| | | | | | |
| | | | | | |
| | | | | | |

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T.D., with plug at bottom.
- 4) Fill annulus with bentonite gel and rock cuttings, upper 20 feet filled with cement.
- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

IN 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.

Signed D.R. Wall Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

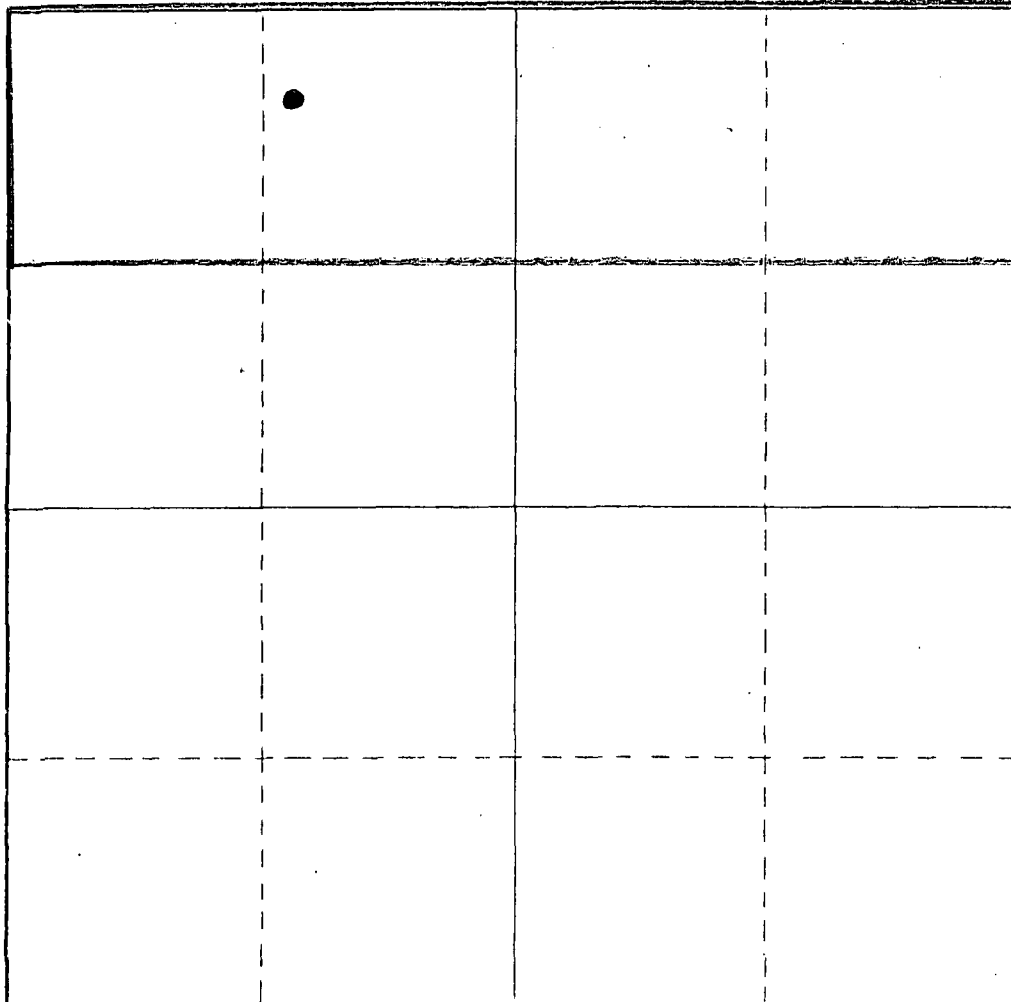
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|--|----------------------------------|----------------------------------|------------------------|----------------------------|---------------------------------------|
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| Unit Letter -- C | Section 25 | Township 24 S | Range 21 W | County Hidalgo | |
| Actual Footage Location of Well: 550 feet from the North line and 1,500 feet from the West line | | | | | |
| Ground Level Elev. 4328 | Producing Formation -- | | Pool Wildcat | | Dedicated Acreage: -- Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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).
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?

☐ 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.



CERTIFICATION

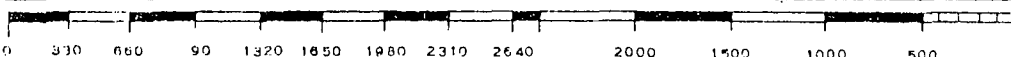
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Name **D. R. Wall**
Position **District Geologist**
Company **Aminoil USA, Inc.**
Date **3/9/77**

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 _____
Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____



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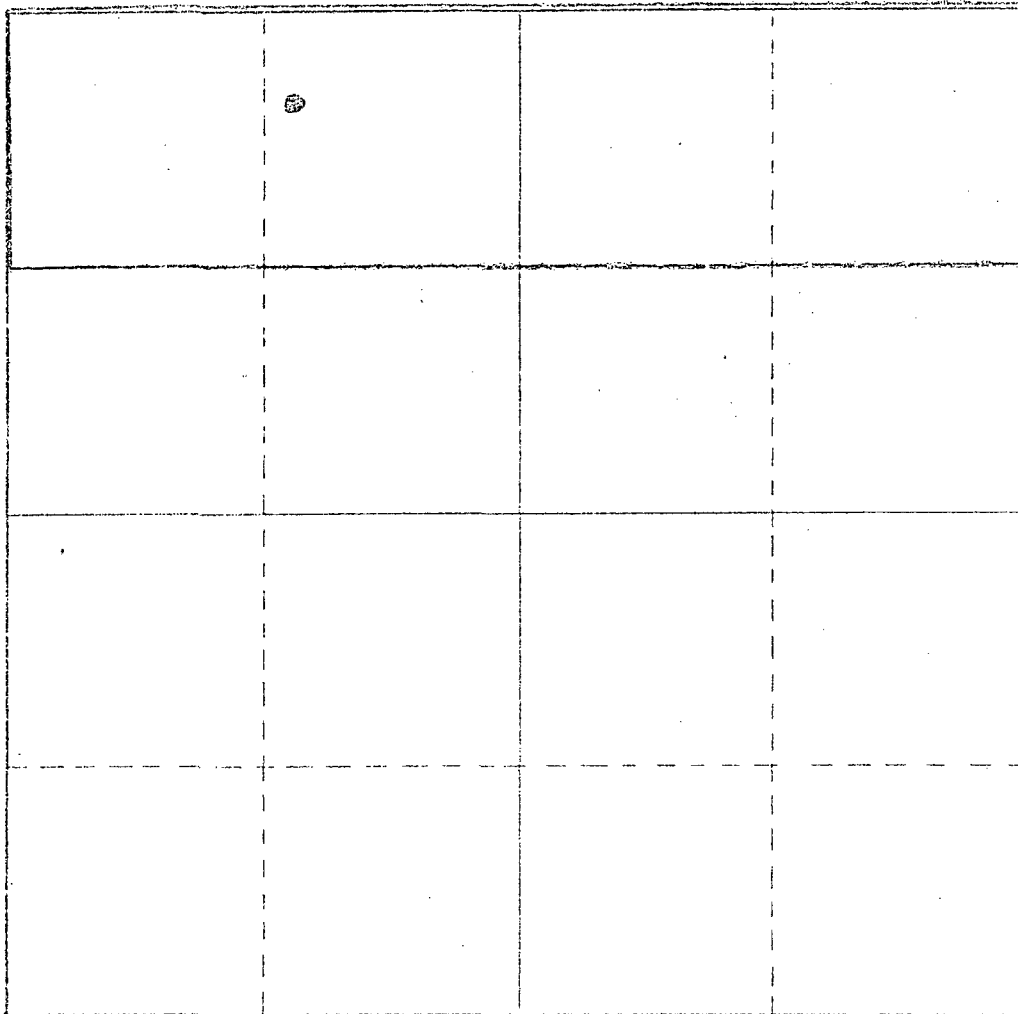
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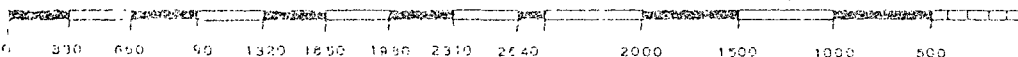
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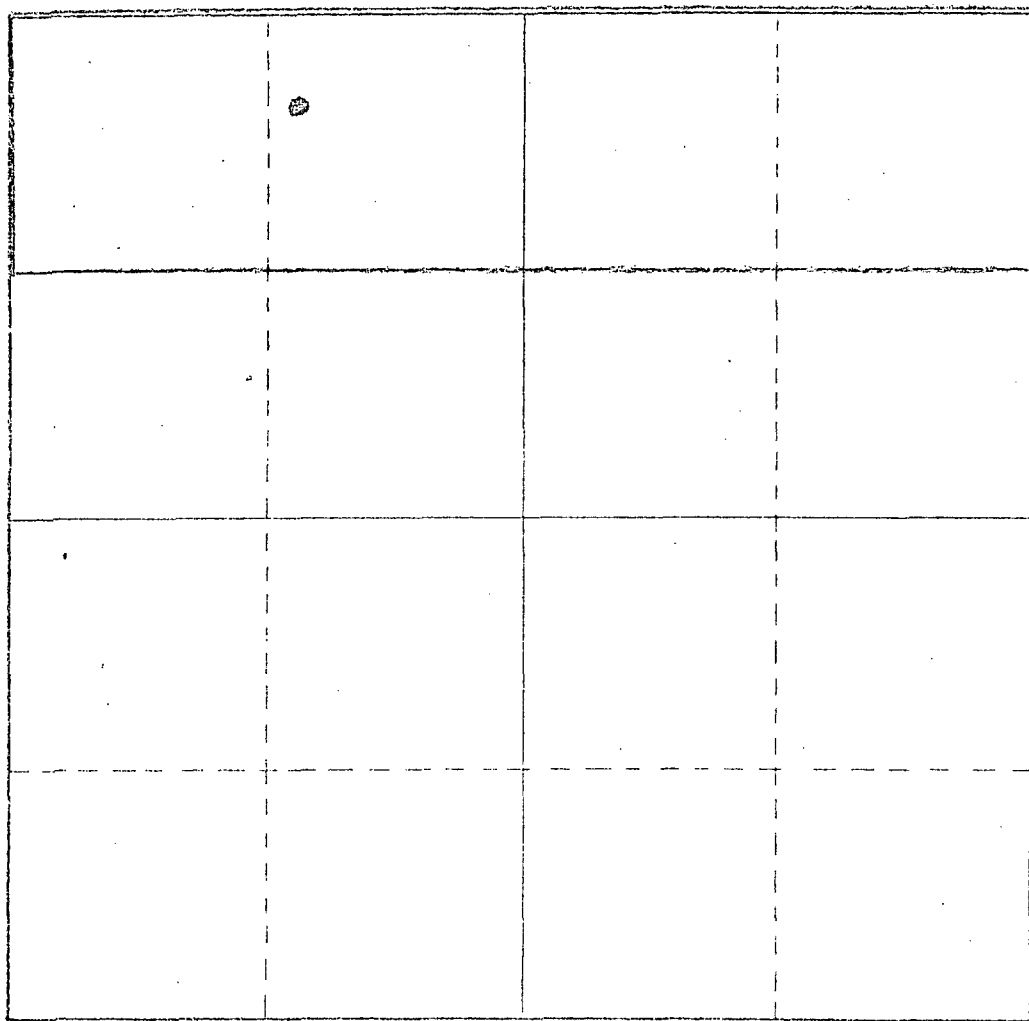
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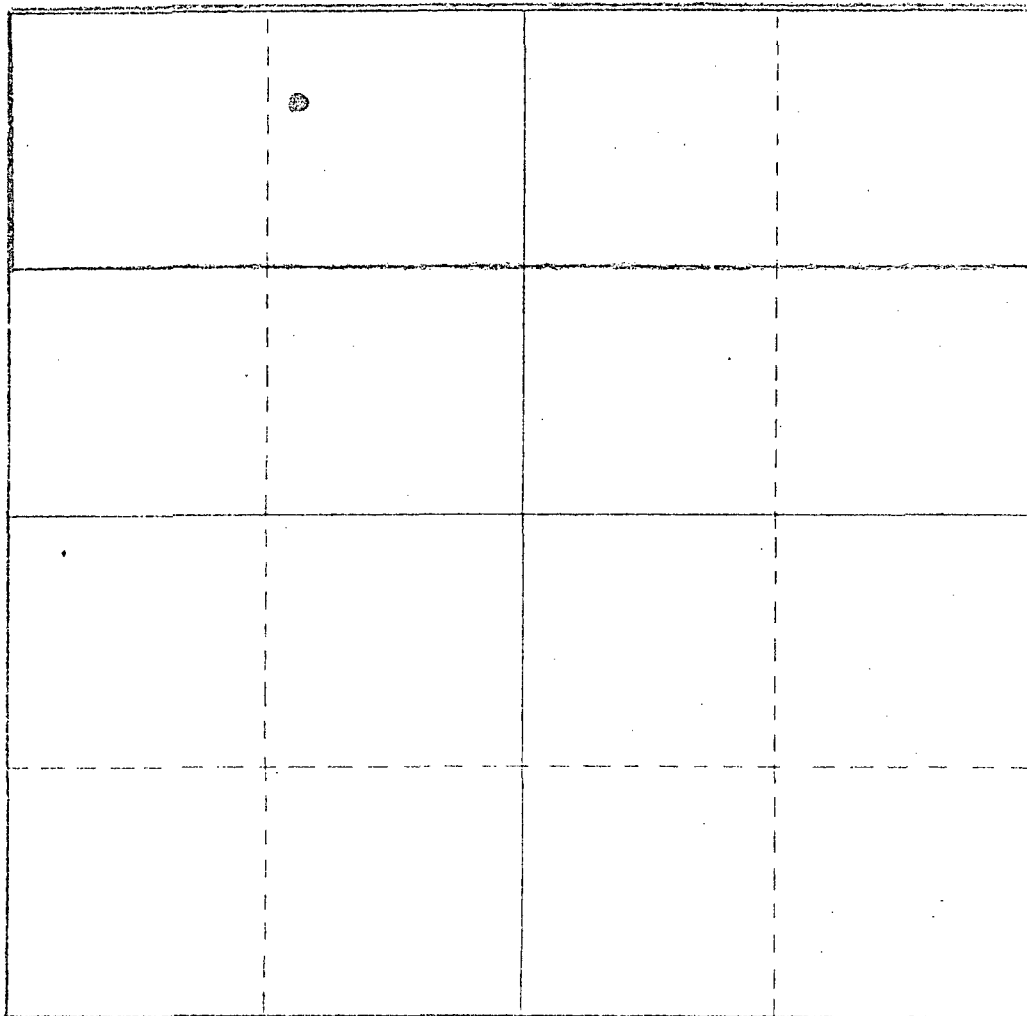
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