

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2098
SANTA FE, NEW MEXICO 87501

30-031-20857
Form C-101
Revised 10-1-78

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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG 2779

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐ ~~INJECTION~~
DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
GEO ENGINEERING INC

3. Address of Operator
105 EAST MARCY, SUITE 107, SANTA FE, NM 87501

4. Location of Well
UNIT LETTER H LOCATED 330 FEET FROM THE NORTH LINE
AND 330 FEET FROM THE EAST LINE OF SEC. 28 TWP. 20N RGE. 9W NMPM

7. Unit Agreement Name
8. Farm or Lease Name
STATE

9. Well No.
28

10. Field and Pool, or Wildcat
CHACO WASH MIV

12. County
MCKINLEY

19. Proposed Depth
600'

19A. Formation
MENEFFEE

20. Rotary or C.T.
ROTARY

21. Elevations (Show whether D.F., R.T., etc.)
6422

21A. Kind & Status Plug. Bond
10-3-83 EFF.

21B. Drilling Contractor
CO. TOOLS

22. Approx. Date Work will start
11-25-83

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|---------------|----------------|-----------------|---------------|-----------------|----------------|
| <u>6 3/4"</u> | <u>4 1/2"</u> | <u>10.5 #</u> | <u>590</u> | <u>100</u> | <u>SURFACE</u> |

OPERATOR PROPOSES TO DRILL THIS WELL TO TEST THE MENEFFEE SANDS AND DEVELOP WATERFLOOD POTENTIAL. WATER BASE MUD WILL BE USED TO REMOVE CUTTINGS. SP & RESISTIVITY LOGS WILL BE RUN AND SELECTED INTERVALS CORED. CLOSE SPACING IS REQUIRED DUE TO LOW PRESSURE.

WORKING IS COMMENCED.
DATE MUST BE SUBMITTED
WITHIN 10 DAYS

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 J. M. [Signature] Title PETROLEUM ENGINEER Date 11-9-83

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE NOV 19 1983

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

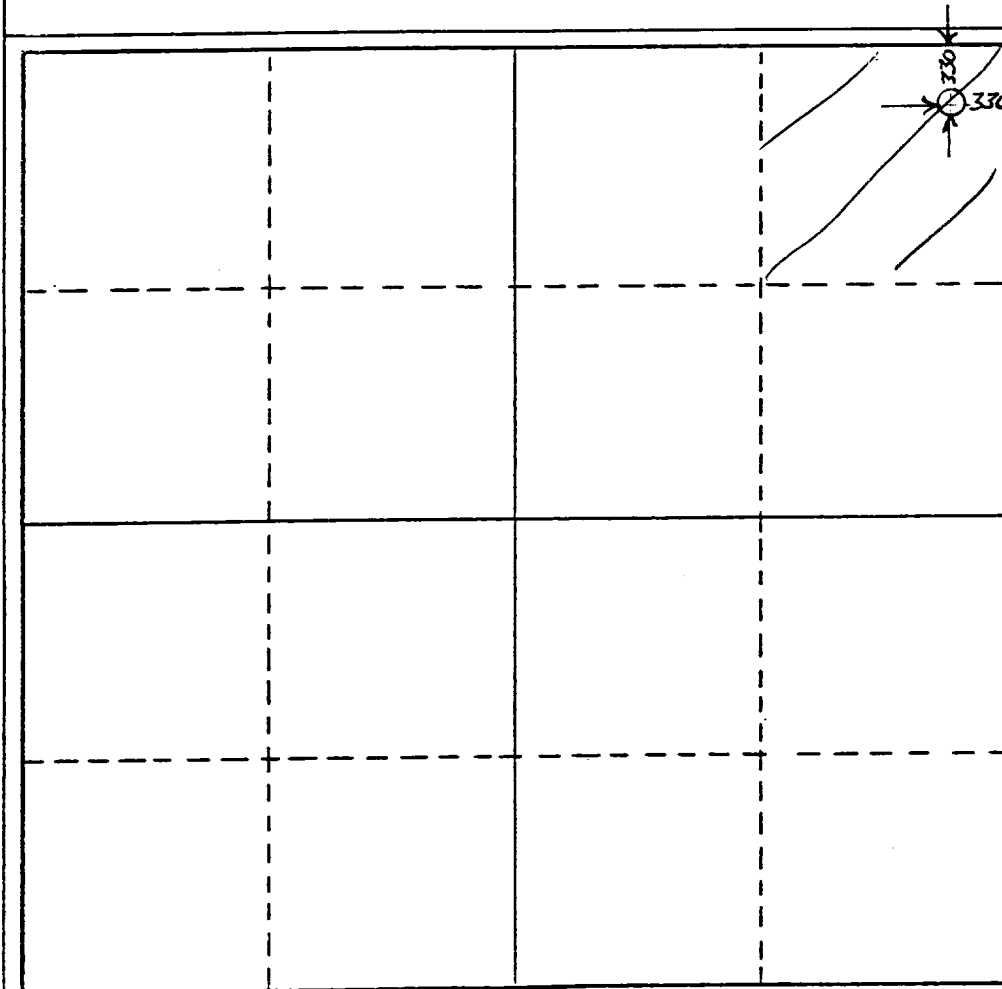
| | | | | | |
|--|--------------------------------------|------------------------------|---------------------------------------|---------------------------|------------------------|
| Operator GEO ENGINEERING INC. | | | Lease STATE | | Well No. 528 |
| Unit Letter A | Section 28 | Township 20 NORTH | Range 9 WEST | County McKINLEY | |
| Actual Footage Location of Well: 330 feet from the NORTH line and 330 feet from the EAST line | | | | | |
| Ground Level Elev. 6422 | Producing Formation MENEFE | Pool CHACO WASH MV | Dedicated Acreage: 40 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 Division.



CERTIFICATION

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

JAMES W. LAW
Name
VICE PRESIDENT
Position
GEO ENGINEERING INC
Company

12-9-83
Date

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.

9-29-83
Date Surveyed
B. L. L. L.
Registered Professional Engineer
and/or Land Surveyor

4051
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600