

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-031-20962

Form C-101
Revised 10-1-78

| | |
|------------------------|--|
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| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name STATE |
| 2. Name of Operator GEO ENGINEERING INC | | 9. Well No. 33 |
| 3. Address of Operator PO BOX 2966 SANTA FE, NM 87504-2966 | | 10. Field and Pool, or Wildcat CHACO WASH M |
| 4. Location of Well UNIT LETTER H LOCATED 910 FEET FROM THE EAST LINE AND 1985 FEET FROM THE NORTH LINE OF SEC. 28 TWP. 20N RGE. 9W NMPM | | 12. County MC KINLEY |
| 19. Proposed Depth 550' | | 19A. Formation MENEFE |
| 20. Rotary or C.T. ROTARY | | |
| 21. Elevations (Show whether DF, RT, etc.) 6420 | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor CO. TOOLS |
| 22. Approx. Date Work will start 12-20-85 | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 6 3/4" | 4 1/2" | 10.5 # | 550 | 135 SX | SURFACE |

OPERATOR PROPOSES TO DRILL THIS WELL
TO TEST MENEFE SANDS AND EXPAND THE
CHACO WASH WATERFLOOD

RECEIVED RECEIVED

JAN 21 1986

DEC 09 1985

OIL CON. DIV. OIL CON. DIV.
DIST. 3 DIST. 3

APPROVAL EXPIRES 7-21-86
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE 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 SCALLOUT PREVENTER PROGRAM, IF ANY.

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

Signed W. Law Title PETROLEUM ENGR Date 12-9-85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST, DISTRICT #3 DATE JAN 21 1986

CONDITIONS OF APPROVAL, ...

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

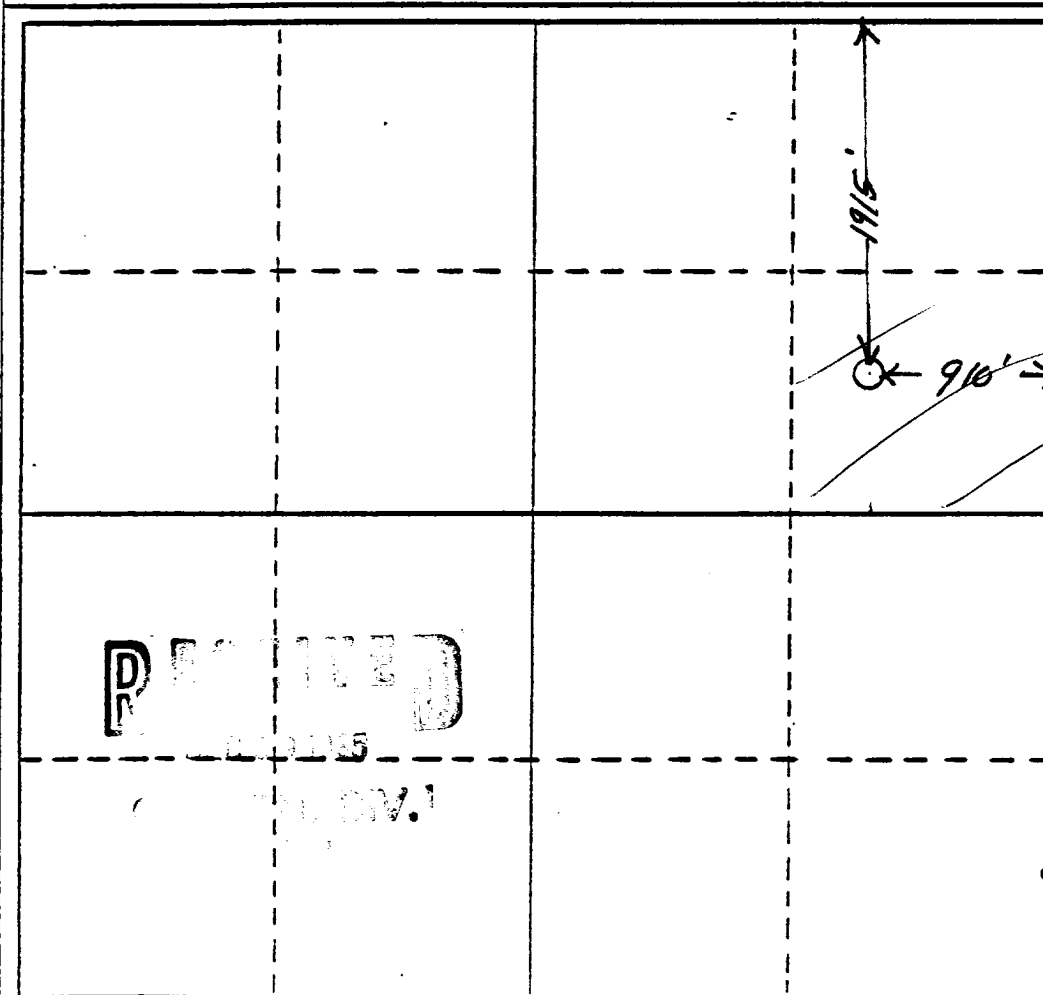
| | | | | |
|---|---------------------------------------|-------------------------------|----------------------------|---------------------------|
| Operator GEO ENGINEERING INC | | Lease STATE LG-2779 | | Well No. 33 |
| Unit Letter H | Section 28 | Township 20 NORTH | Range 9 WEST | County MCKINLEY |
| Actual Footage Location of Wells 910 feet from the EAST line and 1915 feet from the NORTH line | | | | |
| Ground Level Elev. 6420 | Producing Formation MENEFEE | Pool CHACO WASH M/V | 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 Division.



CERTIFICATION

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

Name
JAMES W. LAW
Position
PETR ENGINEER
Company
GEO ENGR. INC.
Date
12-6-85

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
11-4-85
P. J. Gallardo
Registered Professional Engineer
and/or Land Surveyor

Certificate No.
4051