

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
OIL CON. DIV.  
DIST. 3

30-031-20860

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
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 b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator GEO ENGINEERING INC		8. Farm or Lease Name STATE	
3. Address of Operator P.O. BOX 1966 SANTA FE, NM 87504-2966		9. Well No. 29	
4. Location of Well UNIT LETTER G LOCATED 2010 FEET FROM THE NORTH LINE AND 1360 FEET FROM THE EAST LINE OF SEC. 28 TWP. 20N RGE. 9W NMPM		10. Field and Pool, or Wildcat CHACO WASH M/V	
12. County McKINLEY			
19. Proposed Depth 500		19A. Formation MENEFFEE	
20. Rotary or C.T. ROTARY			
21. Elevations (Show whether DF, RT, etc.) 6429		21A. Kind & Status Plug. Bond 10-3-83 EFF.	
21B. Drilling Contractor CO. TOOLS		22. Approx. Date Work will start 12-14-83	

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 #	495	90	SURFACE

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 AND RESISTIVITY LOGS WILL BE RUN AND SELECTED INTERVALS WILL BE CORED. CLOSE SPACING IS REQUIRED DUE TO LOW PRESSURE.

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 M. Law Title PETROLEUM ENGINEER Date 12-13-83

(This space for State Use)

APPROVED BY John D. [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JAN 18 1984

CONDITIONS OF APPROVAL, IF ANY:

SV 1104 for NSL

6-18-84  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

# RECEIVED

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION  
JAN 18 1984 2088  
SANTA FE, NEW MEXICO 87501  
OIL CON. DIV.

Form C-102  
Revised 10-1-78

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

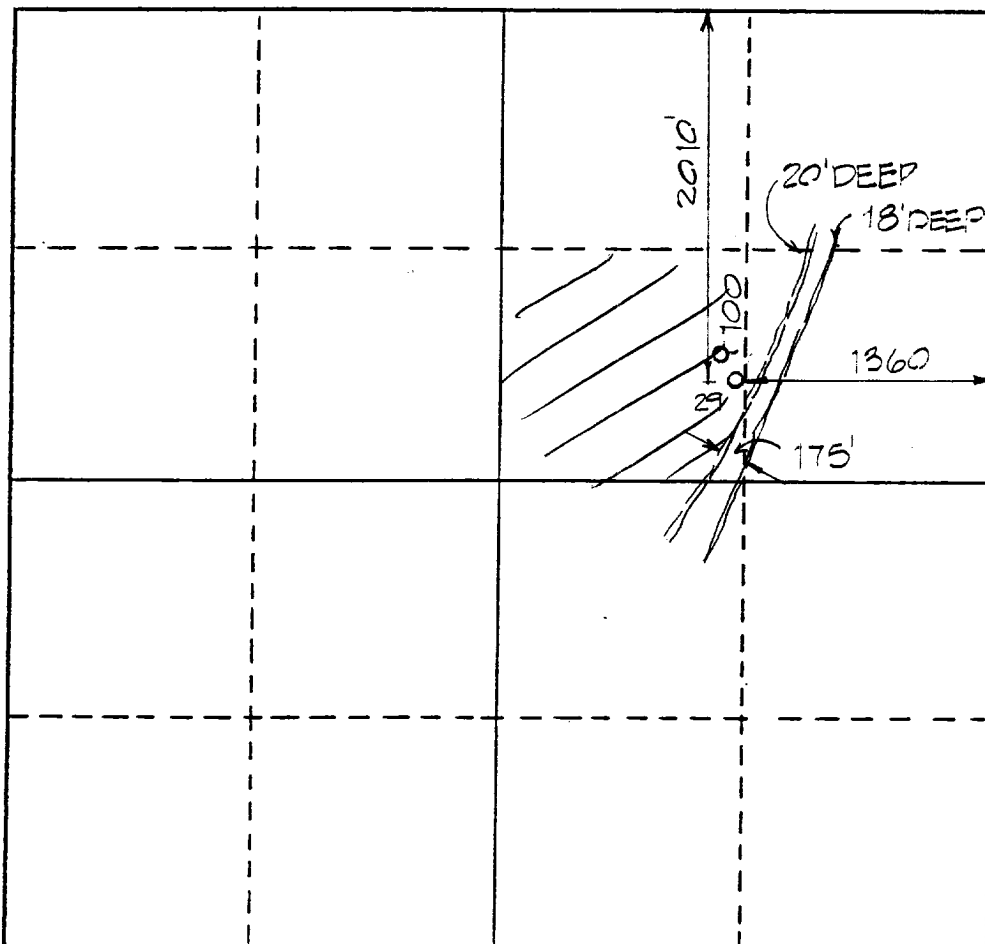
Operator <b>GEO ENGINEERING INC</b>		Lease <b>STATE</b>		Well No. <b>29</b>	
Unit Letter <b>G</b>	Section <b>28</b>	Township <b>20 NORTH</b>	Range <b>9 WEST</b>	County <b>MC KINLEY</b>	
Actual Footage Location of Well: <b>2010</b> feet from the <b>NORTH</b> line and <b>1360</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>6429</b>	Producing Formation <b>MENEFFEE</b>	Pool <b>CHACO WASH MV</b>	Dedicated Acreage: <b>40</b> 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  
**J. M. Saw**  
Position  
**VICE PRESIDENT**  
Company  
**GEO ENGINEERING**

Date  
**12-2-83**

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  
**11-20-83**  
**R. Jack Guller**  
Registered Professional Engineer  
and/or Land Surveyor

Certificate No.  
**4051**

