

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-031-20866

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.  
# 2779

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. Unit Agreement Name N/A	
2. Name of Operator Geo Engineering, Inc.				8. Farm or Lease Name State	
3. Address of Operator Box 1417 Socorro, New Mexico 87801				9. Well No. # 34	
4. Location of Well UNIT LETTER H LOCATED 1720 FEET FROM THE North LINE AND 955 FEET FROM THE East LINE OF SEC. 28 TWP. 20N RGE. 9E NMPM				10. Field and Pool, or Wildcat Chaco Wash MV	
				12. County McKinley	
19. Proposed Depth 600		19A. Formation Menefee MV		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 6414 Gr		21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Geo Engineering	
				22. Approx. Date Work will start 6-1-84	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6 1/2"	4 1/2"	9.5	550	98	surface

Operator proposes to drill through 500 foot producing sand of the Menefee producing sand. The well will be cored, logged and cased to 540 feet. The casing will be cemented with 98 sacks of cement. 2 3/8" tubing will be run and the well placed on pump.

APPROVAL EXPIRES 11-16-84  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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MAY 16 1984

OIL CON. DIV.  
DIST. 3

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 James R. Woods Title Geologist Date 5-12-84

(This space for State Use)

APPROVED BY Frank J. Perry TITLE SUPERVISOR DISTRICT # 3 DATE MAY 16 1984

CONDITIONS OF APPROVAL, IF ANY:

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

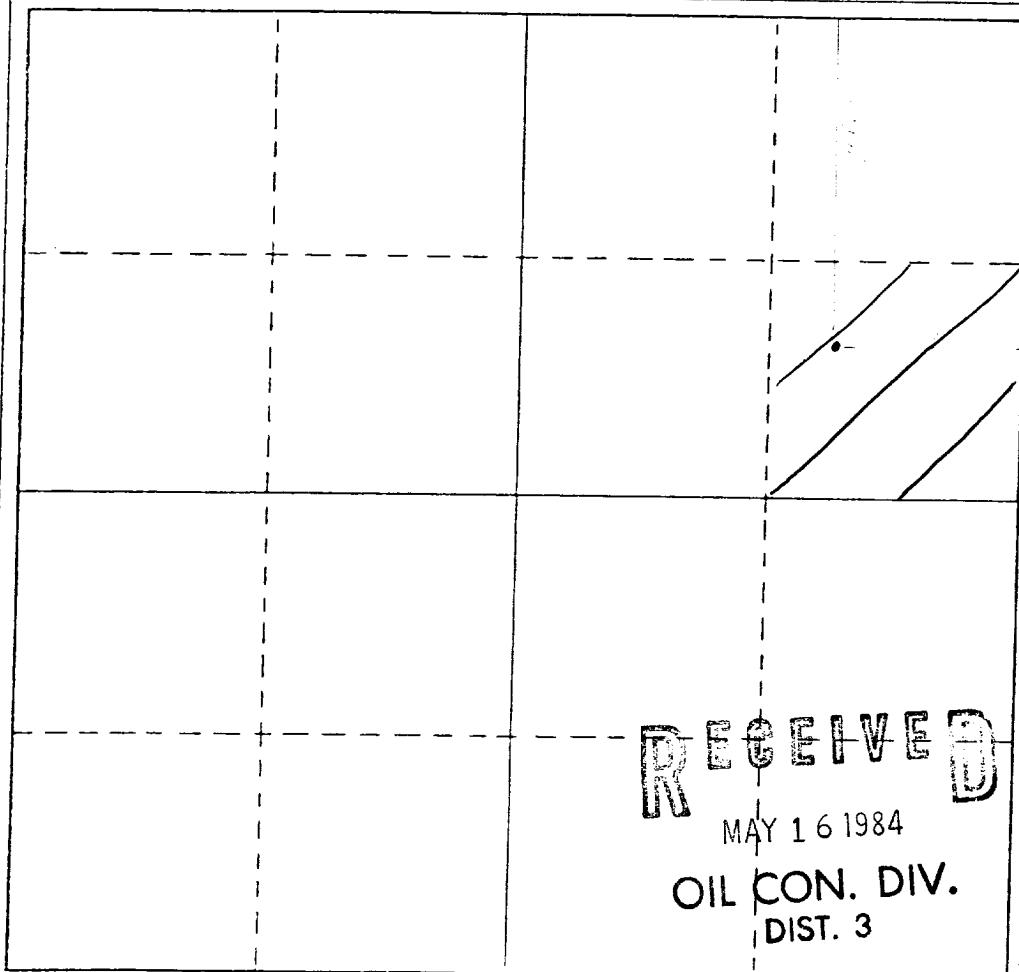
Operator <b>Geo Engineering, Inc.</b>			Lease <b>State 2779</b>			Well No. <b># 34</b>		
Unit Letter <b>H</b>	Section <b>28</b>	Township <b>20N</b>	Range <b>9W</b>	County <b>McKinley</b>				
Actual Footage Location of Well: <b>1720</b> feet from the <b>North</b> line and <b>955</b> feet from the <b>East</b> line								
Ground Level Elev. <b>6414</b>	Producing Formation <b>Menefee MV</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.



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MAY 16 1984  
OIL CON. DIV.  
DIST. 3

CERTIFICATION

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

Name  
**James R. Woods**

Position  
**Geologist**

Company  
**Geo-Engineering, Inc**

Date  
**5-12 84**

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  
**5-8-84**

Registered Professional Engineer and/or Land Surveyor  
**[Signature]**

Certificate No.  
**4051**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0