

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-031-20901

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 <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 2779	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		STATE	
2. Name of Operator		9. Well No.	
GEO ENGINEERING INC		34	
3. Address of Operator		10. Field and Pool, or Wildcat	
PO BOX 2966 SANTA FE, NM 87504-2966		CHACO WASH M/V	
4. Location of Well		12. County	
UNIT LETTER <u>H</u> LOCATED <u>330</u> FEET FROM THE <u>EAST</u> LINE		M/E WINNEY	
AND <u>660</u> FEET FROM THE <u>NORTH</u> LINE OF SEC. <u>28</u> TWP. <u>20N</u> RGE. <u>9W</u> NMPM			
19. Proposed Depth		19A. Formation	
550'		MENEFFEE	
20. Rotary or C.T.		ROTARY	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
6425 GL		1-15-86	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
FIN. & DEP. CO		CO. TOOLS	
No. 9622691			

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 #	5.50	135	SURFACE

OPERATOR PROPOSES TO DRILL THIS  
WELL TO EXPAND THE CHACO WASH  
WATERFLOOD

APPROVAL EXPIRES 7-21-86  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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DEC 09 1985  
OIL CON. DIV.  
DIST. 3  
JAN 21 1986  
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 J. M. Saw Title PETROLEUM ENGINEER Date 11-19-85  
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST DISTRICT #3 DATE JAN 21 1986  
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 10-1-79

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

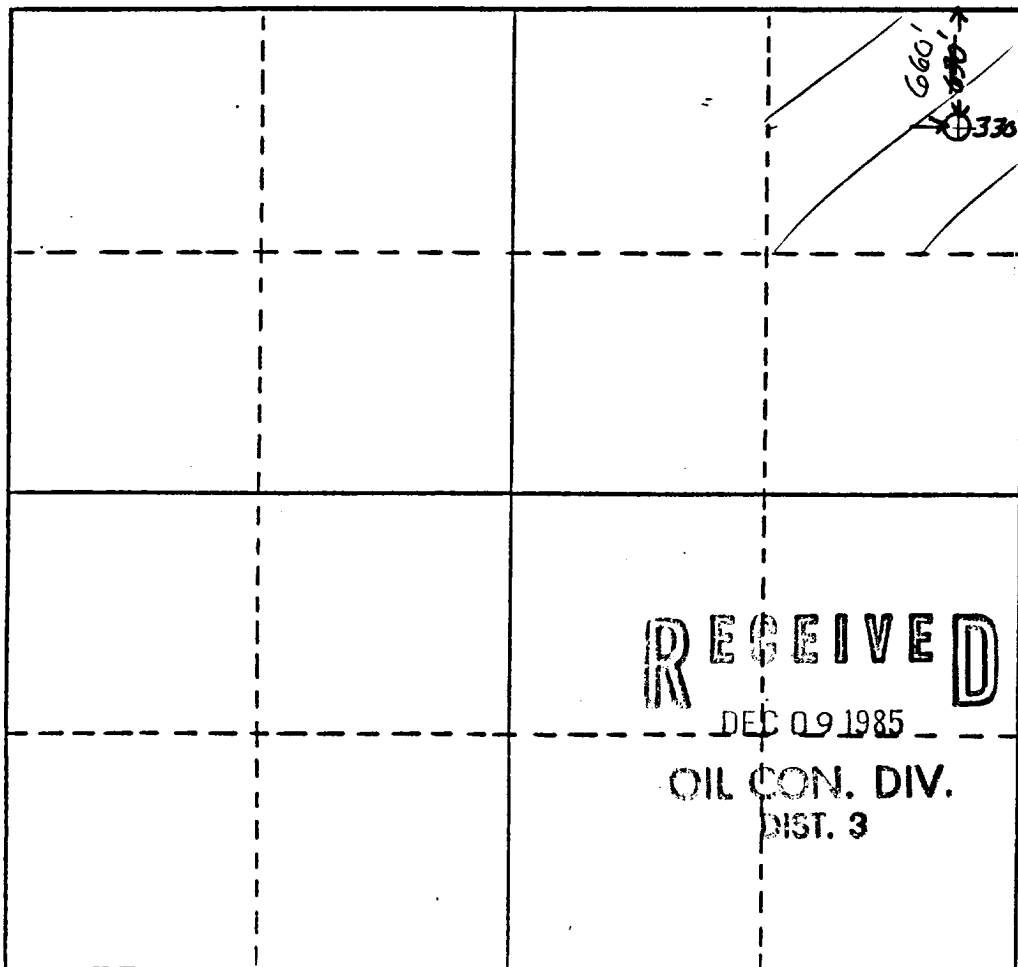
Operator <b>GEO ENGINEERING INC</b>			Lease <b>STATE - 16 2779</b>		Well No. <b>34</b>
Unit Letter <b>H</b>	Section <b>28</b>	Township <b>20 NORTH</b>	Range <b>9 WEST</b>	County <b>M<sup>C</sup> KINLEY</b>	
Actual Footage Location of Wells: <b>330</b> feet from the <b>EAST</b> line and <b>660</b> feet from the <b>NORTH</b> line					
Ground Level Elev. <b>6425</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.

**JAMES W. LAINE**

 Name  
**PETROLEUM ENGR.**  
Position

**GEO ENGR. INC**  
Company

**11-19-85**  
Date

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.

**11-4-85**  
Date Surveyed

**B. J. Gallardo**  
Registered Professional Engineer  
and/or Land Surveyor

**4051**  
Certificate No.

**RECEIVED**
**DEC 09 1985**
**OIL CON. DIV.**  
**DIST. 3**

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