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NEW MEXICO OIL CONSERVATION COMMISSION **HOBBS OFFICE O. C. C.** Form C-101
Revised 1-1-65

APR 6 3 15 PM '66

6. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
OG-5121	

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. Farm or Lease Name	
2. Name of Operator		9. Well No.	
3. Address of Operator		10. Field and Pool, or Wildcat	
4. Location of Well		12. County	
UNIT LETTER <u>J</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE		<u>Lea</u>	
AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>18</u> TWP. <u>17S</u> RGE. <u>37E</u> NMPM			
19. Proposed Depth		19A. Formation	
<u>9134'</u>		<u>Lower Clearfork Reef</u>	
20. Rotary or C.T.		<u>Rotary</u>	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
<u>Not available</u>		<u>At once</u>	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
<u>\$10,000 blanket</u>		<u>Unknown</u>	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#, 23.72#	350'	300*	300% to circ.
10 5/8"	8 5/8"	24#, 28#, 32#	3200'	1500**	300% to circ.
7 7/8"	4 1/2"	11.6#, 10.5#, 11.6#	9134'	1300***	150% to tie back to intermediate

*Cement with 300 sx Class "C" neat with 1% calcium chloride (300% to circ.).
 **Cement with 1300 sx TLW 12#/gal. followed by 200 sx Class "C" neat (300% to circ.).
 ***Cement with 800 sx TLW 12#/gal followed by 500 sx Incor 4% gel 13.8#/gal. Use 0.5% FRA in first 200 sx TLW. 150% to tie back to intermediate.

COMPLETION PROGRAM

1. Selectively perf. pay with 1 jspi. 2. Acidize with 500 gals. 15% NE acid.

FORMATION TOPS EXPECTED

Anhydrite	1983'	Lower Clearfork Reef	8994'
Base of Salt	3061'	Abo Equivalent	9124'
San Andres	4994'	Total Depth	9134'

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 [Signature] Title Division Civil Engineer Date 4/5/66
 (This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY: