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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

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	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		U. D. Sawyer	
2. Name of Operator		9. Well No.	
SUN OIL COMPANY		7	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1861, Midland, Texas 79701		Crossroads Devonian	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE		Lea	
AND 2310' FEET FROM THE East LINE OF SEC. 27 TWP. 9S RCE. 36E NMPM			
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	
4029.0' Ground		12,100'	
21A. Kind & Status Plug. Bond		19A. Formation	
Blanket		Devonian	
21B. Drilling Contractor		20. Rotary or C.T.	
To be Selected		Rotary	
22. Approx. Date Work will start			
4-20-72			

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8	48#	260 +	275	Surface (Circ)
12-1/4"	9-5/8	36#	4250	1440	Surface (Circ)
8-3/4"	7"	23# & 26#	TD	250	10,100'

1. Set 13-3/8" OD 48# H-40 casing at 260'. Circulate cement to surface. WOC 18 hrs. Test casing to 600# for 30 minutes.
2. Set 9-5/8" OD 36# K-55 & H-40 casing at 4250' (125' into San Andres). Circulate cement to surface. WOC 18 hrs. Test casing to 1000# for 30 minutes.
3. Drill 8-3/4" hole to TD (Anticipate 125' penetration into Devonian).
4. Run open hole Gamma Ray-Neutron Logs.
5. Set 7" OD 26# S-95 & 23# H-80 casing at TD. Cement with sufficient cement to fill-up 2000' above shoe. WOC 36 hrs. Test casing to 1000# for 30 minutes.
6. Perforate Devonian porosity.
7. Set packer on 2-7/8" OD 6.5# C-75 tubing above perforations.
8. Acidize perforations with 750 gals. Acid.
9. Test - Anticipate flowing well.

APPROVAL VALID
UNLESS
EDITED,

17 3/8

7-17-72

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 W. E. Westbrook, Jr. Title Dist. Drilling Engineer Date 4-13-72
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE APR 17 1972
CONDITIONS OF APPROVAL, IF ANY:

100-1000

100-1000

100-1000

100-1000