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NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE O. C. C.

MAR 1 11 32 AM '66

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-7574
7. Unit Agreement Name South Wilson Deep Unit
8. Farm or Lease Name South Wilson Deep Unit
9. Well No. 2
10. Field and Pool, or Wildcat Wildcat
12. County Lea
19. Proposed Depth 13,400'
19A. Formation Devonian
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3650' DF estimated
21A. Kind & Status Plug. Bond Blanket
21E. Drilling Contractor E. L. McFarland
22. Approx. Date Work will start March 7, 1966

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Shell Oil Company (Western Division)
3. Address of Operator P.O. Box 1509, Midland, Texas 79701
4. Location of Well UNIT LETTER J LOCATED 1930 FEET FROM THE south LINE AND 1930 FEET FROM THE east LINE OF SEC. 33 TWP. 21S RGE. 34E NMPM
19. Proposed Depth 13,400'
19A. Formation Devonian
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3650' DF estimated
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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#	350'	400	Surface
12 1/4"	9 5/8"	36#	5700'	1000	3000'
8 3/4"	7"	23# & 26#	11925'	500	9300'
6"	4 1/2" liner	9.5# & 11.6#	13,400'	350	11925'

We plan to take two drill stem tests starting at approximately 11,925' to total depth 13,400'

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.

Original Signed By J. D. Duren Title Staff Exploitation Engineer Date February 28, 1966
(This space for State Use)

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