

PRIVATE AND CONFIDENTIAL

NEW MEXICO OIL CONSERVATION COMMISSION

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033
30-035-20,002
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.	
L-820	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Shell Oil Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1509, Midland, Texas 79701		Wildcat	
4. Location of Well		12. County	
UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE AND 760 FEET FROM THE west LINE OF SEC. 35 TWP. 23-N RGE. 22-E NMPM		Mora	
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
5600'		Precambrian	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
Not available	Blanket	Not available	On approval

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#	100'		Circ cm.
12 1/2"	8 5/8"	32#, 24#	1500'		Circ cm.
7 7/8"	5 1/2"	15.5#, 17#	5600'		TOC 500' above Top Pay

PLEASE HOLD CONFIDENTIAL

APPROVAL VALID
FOR 90 DAYS UNLESS
(DRILLING COMMENCED)

EXPIRES May 19, 1969

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. D. Duren **J.D. Duren** Title **Staff Petrophysical Engineer** Date **February 17, 1969**

(This space for State Use)

APPROVED BY J.E. Kapteina TITLE Oil & Gas Inspector DATE Feb 18, 1969

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND SACK SAMPLES FOR Alister IV
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS