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# 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.	
N/A	

## 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"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		C. E. Brooks	
3. Address of Operator		9. Well No.	
One Petroleum Center, Building Six 3300 N. "A", Suite 201, Midland TX 79705		2	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>18</u> TWP. <u>17-S</u> RGE. <u>39-E</u> NMPM		S. Knowles Devonian	
11. Proposed Depth		19A. Formation	
12,600		Devonian	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DP, RT, etc.)		22. Approx. Date Work will start	
GL' 3672'		August 1, 1985	
21A. Kind & Status Plug, Bond		21B. Drilling Contractor	
Blanket		Not available	

## 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	400'	450	surface
12-1/4	8-5/8	24 & 32	5000'	2000	surface
7-7/8	5-1/2	17 & 20	12600'	1000	9000'

- Estimated formation tops: Rustler 2340'; Yates 3575'; San Andres 5410'; Lower Mississippian 11,190'; Woodford Shale 11,935'; Siluro Devonian 12,020'.
- Anticipated Production: Oil
- BOP Program: 10", 5000# W.P.: 1 pipe ram; 1 blind ram, 1 annular preventor. Tested upon installation and operated daily.
- Mud Program: 0-400' Native Mud; 400-5000' Cut brine; 5000-9600' Fresh water; 9600-12,600' Fresh water, non-dispersed mud.

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 L. W. Helms, Jr. Title Senior Drilling Engineer Date 07-08-85

(This space for State Use)

ORIGINAL SENT TO THE COMMISSION

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 10 1985

CONDITIONS OF APPROVAL, IF ANY: