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AND 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.	
N.A.	
7. Unit Agreement Name	
N.A.	
8. Farm or Lease Name	
Eunice Cooper	
9. Well No.	
4	
10. Field and Pool, or Wildcat	
Langlie-Mattix	
12. County	
Lea	
19. Proposed Depth	19A. Formation
3750	Queen
20. Rotary or C.T.	
Rotary	
21A. Kind & Status Plug. Bond	21B. Drilling Contractor
Blanket	Not Assigned
22. Approx. Date Work will start	
June, 1985	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1. Type of Work	
DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>	
2. Type of Well	
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"/>	
3. Name of Operator	
Kern Co.	
4. Address of Operator	
3005 North Big Spring St., Midland, TX 79705	
5. Location of Well	
UNIT LETTER <u>0</u> LOCATED <u>1980</u> FEET FROM THE <u>East</u> LINE <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>11</u> TWP. <u>24-S</u> RGE. <u>36-E</u> NMPM	
6. Elevations (Show whether DF, RT, etc.)	
3351	
7. Proposed Depth	
3750	
8. Formation	
Queen	
9. Rotary or C.T.	
Rotary	
10. Kind & Status Plug. Bond	
Blanket	
11. Drilling Contractor	
Not Assigned	
12. Approx. Date Work will start	
June, 1985	

## Existing PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 3/4"	9 5/8"	Unknown	296'	200 sx	Surface
7 7/8"	7"	Unknown	3010'	300 sx	1500

1. Remove well identification marker and install double ram 3000# test BOP.
2. Drill surface plug from surface to 20'.
3. Drill cement plug in the bottom of surface casing from 217' to 295'. Test surface casing to 500 psig 280'.
4. Clean well out to 1402' and proceed to drill cement plug from 1402' to 1500'.
5. If we can get into 7" csg mill off top 1' of 7" csg and continue re-entry (Step 6). If not, plug well with 30 sx plug @ 1500', 25 sx plug @ 295' and 10 sx plug with well marker at surface.
6. Run 1500' 7" csg with one joint of 8 5/8" csg welded on bottom and tie csg together with 400 sx cement.
7. Clean well out to 3037' and drill cement plug from 3037' to 3233'.
8. Drill new open hole section from 3233' to 3750'.
9. Run 5 1/2" liner and cement from 3750' to 3000'.
10. Run logs, perforate, acidize and test the Queen Formation.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 William G. Kern Title Engineer Date June 5, 1985  
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DISTRICT 1 SUPERVISOR TITLE DATE JUN 10 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUN -6 1985

C.C.D.  
HOBBS OFFICE