

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | 1 |
| FILE | 1 ✓ |
| U.S.G.S. | 1 |
| LAND OFFICE | 1 |
| OPERATOR | 1 |

NEW MEXICO RECEIVED RECONSTRUCTION COMMISSION

30-015-23601
Form C-101
Revised 1-1-65

DEC 24 1980

O. C. D.

ARTESIA OFFICE

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
IG-2678

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
COOK OIL & GAS PRODUCTION Co.

3. Address of Operator
P.O. BOX 159, ROSWELL, NM 88201

4. Location of Well
UNIT LETTER O LOCATED 990 FEET FROM THE SOUTH LINE
AND 2310 FEET FROM THE EAST LINE OF SEC. 2 TWP. 19-S RGE. 31-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
STATE

9. Well No.
#4

10. Field and Pool, or Wildcat
SHUGART Y 2A-4-3

12. County
EDDY

19. Proposed Depth
4300'
~~4500 FT.~~

19A. Formation
QUEEN, PENROSE PREMIER

20. Rotary or C.T.
ROTARY

21. Elevations (Show whether DF, RT, etc.)
3609.7

21A. Kind & Status Plug. Bond
1 WELL BOND

21B. Drilling Contractor
LARUE & MONTZIE W&K

22. Approx. Date Work will start
MARCH 20, 1981

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|-----------------------|-----------------|-----------------------|
| 12 1/4 | 8 5/8 | 24 LBS. | 970 800' | 350 SACKS | CIRCULATE |
| 7 7/8 | 5 1/2 | 5 1/2 LBS. | 4500 4300' | 250 SACKS | 3500 FT. CIRCULATE |

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,
EXPIRES 4-6-81

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 [Signature] Title MANAGER COOK OIL & GAS PRODUCTION Date 12-23-80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JAN 06 1981

CONDITIONS OF APPROVAL, IF ANY:

Adequate Blowout Preventers be used.