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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 10 1980

O. C. D.  
ARTESIA, OFFICE

30-015-23366

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
E-7815

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Harlan Oil Co.

3. Address of Operator  
P.O. Box 668, Artesia, N.M. 88210

4. Location of Well  
UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE  
AND 1650 FEET FROM THE East LINE OF SEC. 21 TWP. 19S RGE. 28E NMPM

7. Unit Agreement Name  
8. Farm or Lease Name  
Gulf St.  
9. Well No.  
3  
10. Field and Pool, or Wildcat  
~~End~~ E. Millman SR

12. County  
Eddy

19. Proposed Depth  
1300'  
19A. Formation  
Seven Rivers  
20. Rotary or C.T.  
Cable Tool

21. Elevations (Show whether DF, RT, etc.)  
3521' GR  
21A. Kind & Status Plug. Bond  
Statewide active  
21B. Drilling Contractor  
Jenkins Bros. Drlg. Co.  
22. Approx. Date Work will start  
7/10/80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	8 5/8"	24#	339'	100	Circ.
7 7/8"	4 1/2"	10.50#	1300'	300	Circ.

We propose to drill to 1300' to test the Seven Rivers formation. We will drill a 12" hole to 339', set 8 5/8" 24# casing, reduce hole to 7 7/8", drill on to 1300', set 4 1/2" 10.50# production string and cement with approximately 300 sax. We do not anticipate gas at this depth and will not set up a blowout preventer program at this time.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 9-11-80

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 Carolyn Davis Title Production Clerk Date 6/9/80

(This space for State Use)

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 11 1980

CONDITIONS OF APPROVAL, IF ANY: