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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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. 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"/>		8. Farm or Lease Name Gulf St.
2. Name of Operator Harlan Oil Co.		9. Well No. 3
3. Address of Operator P.O. Box 668, Artesia, N.M. 88210		10. Field and Pool, or Wildcat End E. Millman SR
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>19S</u> RGE. <u>28E</u> NMPM		12. County Eddy
19. Proposed Depth 1300'		19A. Formation Seven Rivers
20. Rotary or C.T. Cable Tool		
21. Elevations (Show whether DT, RT, etc.) 3521' GR	21A. Kind & Status Plug. Bond Statewide active	22. Approx. Date Work will start 7/10/80

23.

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: