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OPERATOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

30-015-23009

Form C-101
Revised 1-1-65

RECEIVED

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> REC <input type="checkbox"/>
5. State Oil & Gas Lease No. B-9189
7. Unit Agreement Name
8. Farm or Lease Name State
9. Well No. 5
10. Field and Pool, or Wildcat Millman Grayburg
12. County Eddy
19. Proposed Depth 1900'
19A. Formation Grayburg
20. Rotary or C.T. c. t.
21. Elevations (Show whether DF, RT, etc.) 3519 GL
21A. Kind & Status Plug. Bond statewide active
21B. Drilling Contractor Hegwer Drilling Co.
22. Approx. Date Work will start immediately

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
a. Type of Work SEP 24 1979			
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> O.C.C. ARTESIA, OFFICE SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
c. Name of Operator Harlan Oil Company			
d. Address of Operator P. O. Box 668, Artesia, N. M. 88210			
e. Location of Well UNIT LETTER K LOCATED 1810 FEET FROM THE South LINE 2372.7 FEET FROM THE West LINE OF SEC. 18 TWP. 19 S RGE. 28 E NMPM			
f. Elevations (Show whether DF, RT, etc.) 3519 GL			
g. Kind & Status Plug. Bond statewide active			
h. Drilling Contractor Hegwer Drilling Co.			
i. Approx. Date Work will start immediately			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8 5/8"	20 #	400'	100	
7 7/8"	4 1/2"	10.5#	1900'	200	

We propose to drill to approximately 400' and run 8 5/8" casing, cement w/ 100 sx, Drill on to test Grayburg at approximately 1850' and run 4 1/2" production string w/ approximately 200 sx cement and complete well in Grayburg formation. We do not anticipate gas at these depths and will not set up a blowout preventer program at this time.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-25-79

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 W. A. Gressett Title Secretary Date 9/24/79

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 25 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 8 5/8" casing