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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG 4235

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Diamond SM-36 State	
2. Name of Operator HNG OIL COMPANY		9. Well No. 1	
3. Address of Operator P. O. Box 2267, Midland, Texas 79702		10. Field and Pool, or Wildcat Pitchfork Ranch /Morrow/	
4. Location of Well UNIT LETTER I LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM THE east LINE OF SEC. 36 TWP. 24S RGE. 33E NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 3479.2 GR		19. Proposed Depth 15,800'	19A. Formation Morrow
21A. Kind & Status Plug. Bond Blanket-Active		20. Rotary or C.T. Rotary	22. Approx. Date Work will start When permitted
21B. Drilling Contractor Parker Drilling Co.			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	620'	515	Circulated
12-1/4"	9-5/8"	36# & 40#	5120'	2500	Circulated
8-3/4"	7"	26#	13200'	2000	
6-1/8"	4-1/2" Liner	15.10#	15800'	360	TOL: 13325'

BOP - Install at 5120' with 3000# cap. and 2450# annular preventor. At 13,200' increase to 10,000# cap. with 5000# annular preventor. Will use standard surface controlled BOP installation.

Gas is dedicated.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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 Betty Gildon Title Regulatory Analyst Date 12/18/84

(This space for State Use)

ORIGINAL SIGNED BY BETTY SEXTON

APPROVED BY STATE SUPERVISOR TITLE STATE SUPERVISOR DATE DEC 27 1984

CONDITIONS OF APPROVAL, IF ANY: