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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-4135

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator HNG OIL COMPANY				8. Farm or Lease Name San Simon 5 State	
3. Address of Operator P. O. Box 2267, Midland, Texas 79702				9. Well No. 2	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>5</u> TWP. <u>22S</u> RGE. <u>35E</u> NMPM				10. Field and Pool, or Wildcat San Simon /Wolfcamp	
				12. County Lea	
19. Proposed Depth 12,500'±		19A. Formation Wolfcamp		20. Rotary or C.T. -	
21. Elevations (Show whether DF, RT, etc.) 3621.2' GR		21A. Kind & Status Plug. Bond Blanket-Active		21B. Drilling Contractor -	
				22. Approx. Date Work will start April 3, 1986	

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"	61#	1075'	965	Circulated
12-1/4"	9-5/8"	36 & 40#	5750'	3350	Circulated
8-1/2"	7"	23#	10975'	700	
6-1/8"	4-1/2" Liner	13.5#	13247'	475	TOL: 10688

Proposed procedure to plug back from East Grama Ridge Morro:

- 1) Squeeze existing perforations 12,758 to 12,763 and 12,941 to 12,946 feet with 50 sacks Class H cement. Displace cement to 12,500'±.
- 2) Perforate the Wolfcamp 11,078 to 11,147 feet.
- 3) Acidize if necessary

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 Betty Gildon Title Regulatory Analyst Date 3/25/86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE MAR 31 1986

CONDITIONS OF APPROVAL, IF ANY: