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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

## 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"/>		Shoe Bar Ranch Unit 34	
2. Name of Operator HNG Oil Company		8. Farm or Lease Name	
3. Address of Operator P.O. Box 2267, Midland, Texas 79702		9. Well No. 1	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>34</u> TWP. <u>16S</u> RGE. <u>35E</u> NMPM		10. Field and Post, or Wildcat <u>Wildcat</u>	
		12. County <u>Lea</u>	
		19. Proposed Depth <u>13100</u>	
		19A. Formation <u>Morrow Sands</u>	
		20. Rotary or C.T. <u>Rotary</u>	
21. Elevations (Show whether DF, RT, etc.) <u>GR-3971.3</u>		21A. Kind & Status Plug. Bond <u>Blanket-Active</u>	
		21B. Drilling Contractor <u>Parker Drilling Co.</u>	
		22. Approx. Date Work will start <u>7-7-78</u>	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½	13-3/8	48#	400'	500	Surface
12¼	9-5/8	40#	4800'	2500	Surface
7-7/8	5-1/2	17#	13100'	800	4800'

BOP - install at 400' w/2000 # cap and 2000 # annular preventer at 4800' increase to 5000 # cap w/3000 # annular preventer. Will use standard surface controlled BOP installation. Acreage is not dedicated.

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 Dan C. Jones Title Sr. Regulatory Clerk Date 6-28-78

(This space for State Use)

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE JUL 7 1978

CONDITIONS OF APPROVAL, IF ANY: