

30-015-22739

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE	1	
FILE	1	✓
U.S.G.S.	2	
LAND OFFICE	1	
OPERATOR	1	

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

Form O-101  
Revised 1-1-65

APR 24 1981

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
LG 5175

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well  
 DRILL  DEEPEN  PLUG BACK   
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

7. Unit Agreement Name

8. Farm or Lease Name  
NM 16 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  
~~So. Culbraz Bluff Springs~~  
Wildcat (Bone Springs)

4. Location of Well  
 UNIT LETTER 8 B LOCATED 660 FEET FROM THE North LINE  
 AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 24S RGE. 28E NMPM

12. County  
Eddy



19. Proposed Depth  
PBD 9800'

19A. Formation  
Bone Springs

20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)  
3033' GR

21A. Kind & Status Plug, Bond  
Blanket Active

21B. Drilling Contractor

22. Approx. Date Work will start

23. 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 & 48	620	650	Circ
12-1/2"	9-5/8"	36	2450	1700	Circ
8-1/2"	7"	23	10,267	1350	4000'

1. Move in and rig up Well Service Unit.
2. Pump into the perforations and establish an injection rate. Squeeze the Atoka perforations from 11,370' to 11,376' and 11,462' to 11,468' with 75 sacks class H cement containing 1/4# flocele/sx. Displace the cement to 11,000'±. Shut in the well and allow cement to set.
3. Nipple down the tree and nipple up the BOP.
4. Pull the seal assembly out of the PBR. Circulate the hole and spot 50 sacks class H cement across the top of the liner. Trip out of the hole with the tubing.
5. Run a 7" 23#/ft cast iron bridge plug and set at the top of the cement plug at approximately 9800'. Dump 20' of cement on top of the CIBP.
6. Perforate the Bone Springs from 6400' to 6850'.
7. Acidize the Bone Springs.
8. Flow back and consider frac.

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 A. Gildon Title Regulatory Clerk Date 4/23/81  
 Betty A. Gildon

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 28 1981

CONDITIONS OF APPROVAL, IF ANY: