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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 6 1978

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O.C.C.
ARTESIA, OFFICE

OCT 13 1978

30-015-22719
Form O-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. 66-3066-4-66-5099

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work O.C.C. ARTESIA, OFFICE		7. Unit Agreement Name
b. Type of Well DRILL <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name South Horseshoe Bend 10 Com
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 Wildcat Horsehoe
4. Location of Well UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 957 FEET FROM THE North LINE OF SEC. 10 TWP. 24S RGE. 25E NMPM		12. County Eddy
19. Proposed Depth 12,400		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4039 GR	21A. Kind & Status Plug. Bond Blanket-Active	21B. Drilling Contractor Parker Drilling Co.
22. Approx. Date Work will start 10-11-78		

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	650 sx	Circ to Surf.
12½	9-5/8	36	2750	1900	Circ to Surf.
8½	4½-5½	13.5-17	Total Depth	1000'	10,000'

BOP - Install at 400' w/2000# cap & 2000 # annular preventer. At 2750' increase to 5000# cap w/3000# annular preventor. Will use standard surface controlled BOP installation.

Acres is not dedicated

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-16-79

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 10/4/78

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 16 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing