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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 13 1976

O. C. C.  
ARTESIA, OFFICE

30-015 21735  
Form C-191  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-775
7. Unit Agreement Name -----
8. Farm or Lease Name North Fork
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated
12. County Eddy
13. Proposed Depth 11,000'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3556 GL
21A. Kind & Status Plug. Bond Statewide Santa Fe
21B. Drilling Contractor Unknown Now
22. Approx. Date Work will start 2/16/76

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well 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"/>
2. Name of Operator Hanagan Petroleum Corporation ✓
3. Address of Operator P. O. Box 1737 Roswell, New Mexico 88201
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 2 TWP. 22S RGE. 25E NMPM
21. Elevations (Show whether DF, RT, etc.) 3556 GL
21A. Kind & Status Plug. Bond Statewide Santa Fe
21B. Drilling Contractor Unknown Now
22. Approx. Date Work will start 2/16/76

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	48	150	150	Circ.
12 1/4 & 11"	8-5/8	24 & 32	2250	850	Circ.
7-7/8"	5-1/2	17 & 20	11000	450	9500'

Plan drill well from surface to 8600', with fresh water mud-up with low solids fresh water mud: Vis. 36-44, WL less than 20 & less than 10 in Morrow, Wt. 8.7 to 9.1# (sufficient to be above all anticipated bottomhole press. encountered). Drilling head, flow sensor & pit leveller, adjust. choke will be used from top Wolfcamp (anticipated @ 7900') to T.D. 10" 1500 Series BOP and hydrill will be used w/all equipment Yellow Jacketed by top of Wolfcamp.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 5-13-76

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 Hugh E. Hanagan Title Vice President Date 2/12/76  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE FEB 13 1976  
CONDITIONS OF APPROVAL, IF ANY: Cement must be circulated to time to witness cementing