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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

NOV 6 1972

O. C. C.

ARTESIA, OFFICE

30-015-20761

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" 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 DRILL <input checked="" type="checkbox"/> DEEPEN <input 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"/>		Catclaw Draw	
2. Name of Operator		8. Farm or Lease Name	
Hanagan Petroleum Corporation		Catclaw Draw Unit	
3. Address of Operator		9. Well No.	
P. O. Box 1737, Roswell, New Mexico 88201		8	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1960</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>21S</u> RGE. <u>25E</u> NMPM		10. Field and Pool, or Wildcat	
		Catclaw Draw Morrow	
		12. County	
		Eddy	
		19. Proposed Depth	
		10800	
		19A. Formation	
		Morrow	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
3463 GR		Statewide @ Santa Fe Moran	
		21B. Drilling Contractor	
		Moran	
		22. Approx. Date Work will start	
		11/6/72	

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	61	300		Circ.
12 1/2 & 11	8 5/8	24	1900		Circ.
7 7/8	5 1/2	17	10800		Circ.

Fresh water 0-8500'. Low solid fresh water mud approx. 8500' to T.D., 8.7 to 9.1#. Blowout equipment: 10" X 900 Series Shaffer Double Ram Hydraulic and 10" X 900 Series Hydril. DV tool to be used if deemed necessary cmt. 8 5/8" csg.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 2-6-73

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 C. Hanagan Title Vice-President Date November 3, 1972

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE NOV 6 1972

CONDITIONS OF APPROVAL, IF ANY: Cement must be circulated to surface behind 13 3/8" + 8 5/8" casing. Notify N.M.O.C.C. in sufficient time to witness cementing the 8 7/8" casing