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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 24 1972

O. C. C.  
ARTESIA, OFFICE

30-015-20734

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.	
K-4192-1	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		Catclaw Draw Unit	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Catclaw Draw Unit	
2. Name of Operator		9. Well No.	
Hanagan Petroleum Corporation		6	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1737, Roswell, New Mexico 88201		Catclaw Draw Morrow	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1650 FEET FROM THE South LINE		Eddy	
AND 1650 FEET FROM THE East LINE OF SEC. 13 TWP. 21S RGE. 25E NMPM			
19. Proposed Depth		19A. Formation	
10900		Morrow	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DE, RT, etc.)		22. Approx. Date Work will start	
3304' GR		9/1/72	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Statewide @ Santa Fe Moran			

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 & 61	350		Circ.
12-1/4 & 11	8-5/8	24	2000		Circ.
7-7/8	5-1/2	17	10900		

Fresh water 0 to 8500' - mud up low solid fresh wtr. mud @ 8500' - Blowout equip.: 10" x 900 Series Shaffer Double Ram Hydraulic and 10" x 900 Series Hydril. DV Tool to be used if deemed necessary cementing 8-5/8" casing.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 11-28-72

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 B. Hanagan Title Vice President Date 8/23/72

(This space for State Use)

APPROVED BY W. C. Gressett TITLE

OIL AND GAS INSPECTOR

AUG 28 1972

CONDITIONS OF APPROVAL, IF ANY

Notify N.M.O.C.C. in sufficient

time to witness cementing

the 8 5/8" casing

Cement must be circulated to  
surface behind 13 3/8" & 8 5/8" casing