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NEW MEXICO OIL CONSERVATION COMMISSION

JAN 22 1971

O. C. C.
ARTESIA, OFFICE

30-015-20371
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-3268-1

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"/>		7. Unit Agreement Name Catclaw Draw Unit
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"/>		8. Farm or Lease Name Catclaw Draw Unit
2. Name of Operator Hanagan Petroleum Corporation		9. Well No. 1
3. Address of Operator P. O. Box 1737, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 2310 FEET FROM THE West LINE OF SEC. 26 TWP. 21S RGE. 25E NMPM		12. County Eddy
19. Proposed Depth 10,800'		19A. Formation Upper Miss.
20. Rotary or C.T. CT & Rotary		
21. Elevations (Show whether DE, RT, etc.) 3399 GL	21A. Kind & Status Plug. Bond Statewide @ Santa Fe	21B. Drilling Contractor CT - Fred Pool RT - Moran Drlg.
		22. Approx. Date Work will start 1/28/71

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13-3/8	48#	600'	325	Circ.
12 1/4"	8-5/8	24# & 32#	2600'	1100	Circ.
7-7/8"	4-1/2	10.5 & 11.6#	10800'	450	--

Propose to spud and drill top 600 feet of hole with cable tools, set 13-3/8" conductor @ 600' and cement. Move rotary on and drill to 10,800' or Barnett shale of U. Miss. age, setting 8-5/8" surface casing @ 2600' and circulating cement on same. Proper blowout equipment, including hydril, will be used.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 4-26-71

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 1/21/71
(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE JAN 26 1971

CONDITIONS OF APPROVAL, IF ANY: Cement must be circulated to surface behind 13 3/8" & 8 5/8" the 8 5/8" casing

NSL-483
1-23-71

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

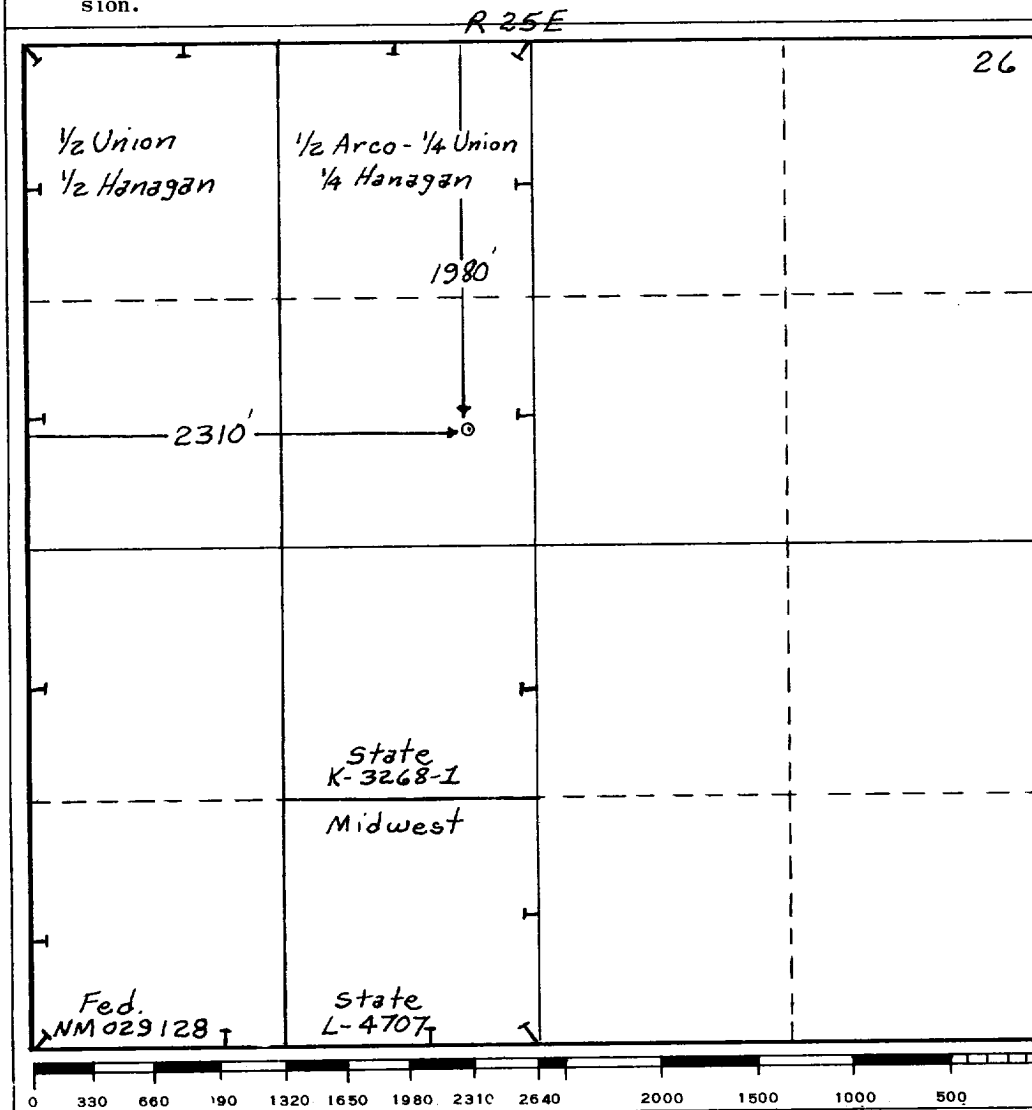
Operator Hanagan Petroleum Corporation			Lease Catclaw Draw Unit		Well No. 1
Unit Letter F	Section 26	Township 21 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 2310 feet from the West line					
Ground Level Elev: 3399	Producing Formation Penn.	Pool Wildcat		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation **Federal & State Approved Unit**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Hugh E. Hanagan
Name

Hugh E. Hanagan
Position

Vice President
Company

Hanagan Petroleum Corp.
Date

1/21/71

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

January 16th 1971
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

James H. Brown
Certificate No.

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