

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT TO PLICATE\*  
(Other inst. ions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-015-20860

5. LEASE DESIGNATION AND SERIAL NO.

NM-029128

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Catclaw Draw

8. FARM OR LEASE NAME

Catclaw Draw Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Catclaw Draw Morrow

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

35-21S-25E

12. COUNTY OR PARISH

13. STATE

Eddy

N.M.

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Hanagan Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1737, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1650' FNL &amp; 1980' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5 miles west of Carlsbad

O.C.C.  
ARTESIA, OFFICE

16. NO. OF ACRES IN LEASE

1560 Ac. in Unit

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1650

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1 Mile

19. PROPOSED DEPTH

10,900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3635' GR

22. APPROX. DATE WORK WILL START\*

5/20/73

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13-3/8	65#	250	Circ.
12 1/4 & 11	8-5/8	24#	2100	Circ.
7-7/8	5-1/2	17#	10900	350 sx.

Drill fresh water 0 to 9000', 9000' to TD low solid fresh water mud 38-40 vis., 8.8 to 9.0# wt., water loss 15 cc or less. Blowout equipment: 10"-900 Series Shaffer Double Ram Hydraulic plus 10" - 900 Series Hydril. DV tool to be used cementing 8-5/8" csg. if deemed necessary.

RECEIVED  
MAY 16 1973  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert G. Hanagan

TITLE

President

DATE

5/15/73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
MAY 21 1973  
R. L. BECKWITH  
ACTING DISTRICT ENGINEER  
THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES  
AUG 21 1973DECLARED WATER BASH  
1378'  
CEMENT BEHIND THE  
CASING MUST BE CIRCULATED  
8 1/2"

\*See Instructions On Reverse Side