

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21343

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

10. FIELD AND POOL, OR WILDCAT

Catclaw Draw Morrow

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

27-21S-25E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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' FSL & 1650' FEL

At proposed prod. zone

Same

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

6 miles northwest Carlsbad

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O. C. C.

ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650'

16. NO. OF ACRES IN LEASE

1560

17. NO. OF ACRES ASSIGNED

TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3/4 miles Northwest

19. PROPOSED DEPTH

10800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3459' GR

22. APPROX. DATE WORK WILL START*

8/20/74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20	16	65	200	Circ.
14-3/4 & 12-1/4	9-5/8	40 & 47	2200	Circ.
8-1/2 & 7-7/8	5-1/2	17 & 20	10800	

Plan use 10" - 1500 Series BOP & Hydril - Flow sensor, pit leveller, choke & gas separator will be installed @ top Wolfcamp anticipated @ 7800' - Yellow jacket will be run after setting 9-5/8" casing. Mud up @ 8400' in Wolfcamp - Low solids fresh water mud, weight 8.8 to 9.2#, vis. 40 to 44, water loss 10 to 15. Fresh water & native mud from 0 to 8500'.

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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

Hugh E. Hanagan

TITLE Vice-President

DATE 8/12/74

(This space for Federal or State office use)

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1973

APPROVAL DATE

PERMIT NO. C-1734

AUG 16 1974

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

ACTING DISTRICT ENGINEER

TITLE

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES NOV 22 1974

*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEHIND THE
MUST BE CIRCULATED

WITNESS USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

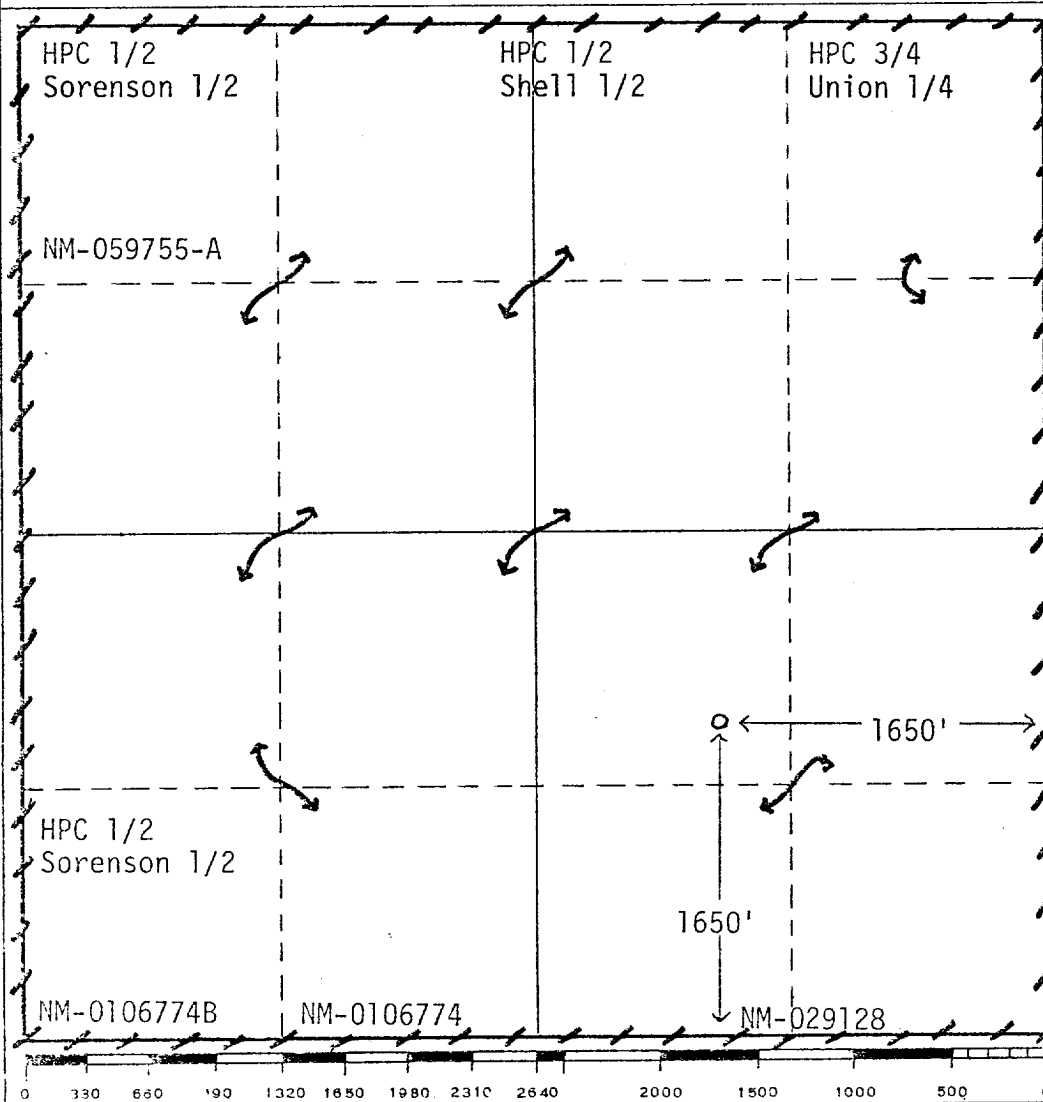
Operator Hanagan Petroleum Corporation			Lease Catclaw Draw Unit		Well No. 10
Unit Letter J	Section 27	Township 21 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the South line and 1650 feet from the East line					
Ground Level Elev. 3459'	Producing Formation Morrow		Pool Catclaw Draw Morrow		Dedicated Acreage: 640 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 State & Federal 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 Corporation
Date
8/12/74

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I hereby certify that the 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.

July 7, 1974
Date Surveyed
[Signature]
Registered Professional Engineer and/or Land Surveyor

Certificate No. *1-11-220*