

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-615-26714

5. LEASE INFORMATION AND SERIAL NO.

NA-0374357-A

6. LANDMAN, ADDRESS AND PHONE NO.

7. UNIT ASSIGNMENT NAME

Catalaw Draw Unit

8. PART OF GRANT NAME

Catalaw Draw Unit

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Catalaw Draw Morrow

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

Sec. 25-21S-25E

12. COUNTY OR PARISH 13. STATE

Eddy

N. Mex.

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

Hannagan 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' ENL & 1980' FEL

At proposed prod. zone

Same

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

5 miles Northwest Carlsbad

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
LOCATION ON LEASE LINE, FT.
(Also to nearest Grp. unit line, if any)

1650'

16. NO. OF ACRES IN LEASE

840 in Unit

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.

1 Mile

19. PROPOSED DEPTH

10,900'

20. ROTARY OR CABLE TOOLS

Rotary

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

3502 GR

22. APPROX. DATE WORK WILL START*

7/31/72

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	54 & 61#	350	Circ. (conductor)
12 1/2	8 5/8	24#	2000	Circ. (Surface)
7 7/8"	5 1/2	17#	10900	350 sx.

Drill fresh water 0 to 8900', 8900' to TD low solid fresh water mud
38-40 vis., 8.7 to 9.0# wt., water-loss 15cc 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

JUL 28 1972

O. C. C.
ARTESIA, OFFICE

RECEIVED

JUL 27 1972

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 productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. If a cementing or plugback program, if any.

24.

SIGNED

TITLE Vice President

DATE 7/26/72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

JUL 27 1972

R. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
OCT 27 1972
See Instructions On Reverse SideDECLARED WATER BASIN
138
8284
CEMENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8284