

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

660' FNL & 1980' FEL

At proposed prod. zone

Same

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

Approx. 2 miles northwest of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

19. PROPOSED DEPTH

11,500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3309' GR

22. APPROX. DATE WORK WILL START*

5/15/74

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 1/2	9-5/8	40 & 47	2,600	Circ.
8 1/2	5 1/2	17 & 20	11,500	450

Plan use 10" - 1500 Series BOP & Hydril, flow sensor, pit leveller, and gas separator will be installed @ top Wolfcamp anticipated @ 8400', Yellow Jacket will be used to test BO equipment at this time. Plan drill with fresh water & native mud from surface to 8400', @ 8400' mud-up with fresh water low solids mud 9.2 to 9.5# weight maintained unless higher pressure encounter.

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 depth. Give blowout preventer program, if any.

24.

SIGNED

Hugh E. Hanagan

TITLE

Vice President

DATE

4/19/74

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JUN 22 1973

DATE

16" 9 5/8"

CASING TO BE CIRCULATED

THIS APPROVAL IS VALID FOR 3 MONTHS
ARE NOT CANCELLED
EXPIRES AUG 8 - 1974

*See Instructions On Reverse Side

9 5/8" CASING

30-015-21207
5. LEASE DESIGNATION AND SERIAL NO.
NM 0265356-A
6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
North Carlsbad "Com"
Happy Valley Com.
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
X Undesignated
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 33-21S-26E
12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico

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APR 22 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

