

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

Cementing Casing ☒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 & 660' FEL

At proposed prod. zone

Same

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

3½ miles North Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

/330'

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. 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 AREA

40

19. PROPOSED DEPTH

11,500

20. ROTARY OR CABLE TOOLS

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

3194.7 GR

3210.7 KB

23.

CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20	16	65#	150	circ.
14-3/4 & 12½	9-5/8	47# 36#	2550	circ.

8/11/75: Spud 9:30 A.M. Moranco Contractor - 8/12/75 T.D. 150' 20" hole ran 16" 65# casing set @ 150' w/125 sx. Class "C" + 2% Ca Cl. Plug down 2:30 P.M. 8/12/75. Cement did not circ. 4 yards Ready Mix 1.42 Slurry Vol. c.u. ft. sx. 740 temp slurry mixed est. fm. temp. @ 760 compressive strength 565# drlg. plug 3:00 A.M. 8/13/75 W.O.C. 12 hrs. Press up 600# for 30 min. no pressure drop - 1/18/75 T.D. 2550' 14-3/4 & 12½" hole ran 66 jts. 9-5/8" 47# & 36# LT&C (2571) set @ 2550' cemented w/700 sx. B.J. light ½# Flocel 5# gilsonite 2% Ca Cl. 200 sx Class "C" ½ Flocel. 2% Ca Cl plug down @ 6:15 AM. 8/19/75 Cement did not circ. Ran temp. sur. top cmt. 525' thru 1" tbg. 12 batches cmt. circ. out 25 sx. completed @ 2:30 A.M. 8/21/75 total cmt 1625 sx. 8/21/75 Press. up 2000#/130" no press. drop. Drlg. 5' new hole press. up 500# O.K.

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

W. L. Southernland

TITLE

Agent

DATE

8/22/75

(This space for Federal or State office use)

PERMIT NO.

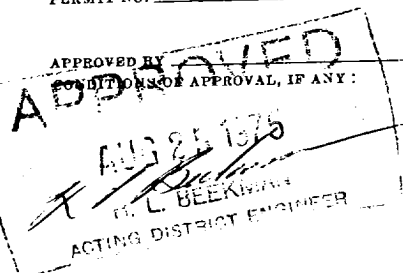
APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.