

M. O. C. C. COPY

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.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

1980' FNL & 660' FEL

At proposed prod. zone

Same

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

24 miles west of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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 LEASE

160

19. PROPOSED DEPTH

9500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acs.

20. ROTARY OR CABLE TOOLS

Rotary

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

4016' GR

22. APPROX. DATE WORK WILL START*

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	48	175	Cement circ.
12-1/4 & 11	8-5/8	24	2000	" "
7-7/8	5-1/2	17	9500	300 sx.

Blowout equip.: Shaffer 10" x 900 Series Hydraulic BOP + 10" x 900 Series Hydril.

Run 13-3/8" conductor csg., et @ 175'.

Run 8-5/8" csg. 100 to 200' below top Glorietta, circ. cmt. - mud up @ 7000',
low solids fresh water mud to total depth.

RECEIVED

MAR 13 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.

SIGNED

Harold E. Hanagan

TITLE

Vice President

DATE

3/5/73

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY
COMMISSIONER OF GEOLOGY
H. L. BEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS:
JUN 19 1973

TITLE

DATE

DECLARED WATER BASIN
13 3/8"*See Instructions On Reverse Side
CEMENT & CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITHHELD FOR THE 8 7/8"