

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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SUBMIT IN *1.4* PLACATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-015-10368

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

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1980' P.M. & 1900' P.M. (45/4 54/4) Sec. 17, T-23N, R-23E, 12th Survey,ddy County, New Mexico

At proposed depth

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

25 miles southeast Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. line, if any)

1980

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

none

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

4210' d.f.

16. NO. OF ACRES IN LEASE

300

19. PROPOSED DEPTH

10,400'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

22. PROPOSED DATE WORK WILL START*

March 28, 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>17 1/2"</i>	<i>13-3/8"</i>	<i>48 lb</i>	<i>277'</i>	<i>300 sx</i>
<i>12 1/2"</i>	<i>9-5/8"</i>	<i>36 lb</i>	<i>2000'</i>	<i>500 sx</i>
<i>8-3/4"</i>	<i>5-1/2"</i>	<i>15.5 & 17 lb</i>	<i>10,500'</i>	<i>200 sx</i>

We propose to deepen to a depth of 10,400' and test the Pennsylvanian (Borrow)

Verbal approval given as per telephone conversation of May 26, 1964 between Mr. J. A. Gans of U.S.G.S., and Mrs. Doris Foster of Shell Oil Company.

RECEIVED

JUN 2 - 1964

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.

Original Signed By

V. L. KING

SIGNED

TITLE

Acting Dist. Exploitation Engr.

DATE

May 28, 1964

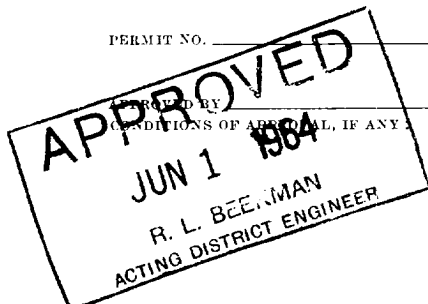
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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 plats, 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.