

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

Byron McKnight

3. ADDRESS OF OPERATOR

Box 297, Hobbs, New Mexico 88240

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

At surface

1980 FNL & 660 FWL  
At proposed prod. zone

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

23 miles east of Carlsbad

15. DISTANCE FROM PROPOSED\*

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

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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

None

13,800'

Rotary

22. APPROX. DATE WORK WILL START\*

2-19-74

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# H-40        | 600 ft.       | Circ. to surface      |
| 12 1/4"      | 10 3/4"        | 40.5# J-55      | 3700 ft.      | Circ. to surface      |
| 9 1/2"       | 7 5/8"         | 26.4# J-55      | *10,400 ft.   | Circ. to surface      |
| 6 1/2"       | 5 1/2" liner   | 17# N-80        | 13,800 ft.    | Circ. to top of liner |

\*This string of pipe will be set 100' into the Wolfcamp formation expected at 10,400'.

The attached drawing depicts the type of 1500 series blowout preventer that will be used. A 1500 series Shaffer rotating head blowout preventer will be used. Pit level indicators (totalizers) will be employed. All blowout preventer equipment will be tested by a Yellow Jacket hydraulic test to a pressure adequate to maintain all expected sub-surface pressures.

Mud program attached.

This well is in the confines of OCC Order R-111-A; however, there are potash leases on the drill site section. This well will be drilled in accordance with OCC Order R-111-A as amended.

IN CASE OF SPECIAL PROPOSAL, 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

TITLE

Operator

DATE

1/14/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

0553797

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Campana

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

6-22S-31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

RECEIVED

JAN 16 1974

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

RECEIVED

FEB 11 1974

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

## 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.