

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY
RECEIVED

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 ☐BUR. OF LAND MGMT
ROSWELL DISTRICTMULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Roy G. Barton Jr.

Phone (397-3925)

3. ADDRESS OF OPERATOR

P. O. Box 978, Hobbs, New Mexico 88240

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

At surface

660' FNL & 330' FWL

At proposed prod. zone
Same

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

24 air miles east of Hagerman, New Mexico

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.

16. NO. OF ACRES IN LEASE

640.56

19. PROPOSED DEPTH

2250

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40.02

20. ROTARY OR CABLE TOOLS

Rotary

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

Gr. 3851.4 MSL

22. APPROX. DATE WORK WILL START*

Dec. 15, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------|
| 11" | 8 5/8" | 23.0# | 560' | Sufficient to Circulate |
| 7 7/8" | 4 1/2" | 9.5# | 2250' | 125 Sx lite 150 sx Class C |

We propose to drill to the top of the Queen at 2100', core the Queen pay zone, drill stem test, and run casing to 2200', cement and perforate and treat for commercial production.

Attached are: 1. Well location and Acreage dedication plat
2. Supplemental drilling data
3. Surface use plan

This well replaces the Betty # 1 Federal drilled on the East side of the proration unit that was below the oil water contact.

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

Dalton Kinchloe

TITLE

Geologist

DATE

Dec. 2, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

'Orig. Sgd.' Earl R. Cunningham

District Manager

APPROVED BY

TITLE

DATE

DEC 14 1983

CONDITION OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

RECEIVED
DEC 16 1983
C. C. R.
INTELS OFFICE