

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-20921

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-31648
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME --
2. NAME OF OPERATOR ROY G. BARTON, JR. (Phone 397-3925)		8. FARM OR LEASE NAME BETTY FEDERAL
3. ADDRESS OF OPERATOR P. O. Box 978, Hobbs, New Mexico 88240		9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 990' FWL of Section At proposed prod. zone (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ) same (Unit D)		10. FIELD AND POOL, OR WILDCAT SE Chaves Queen Area (Associated Oil)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 air miles east of Hagerman, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-14S-30E
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 640.56	17. NO. OF ACRES ASSIGNED TO THIS WELL 40.02
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA	19. PROPOSED DEPTH 2250'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3848 G.L.		22. APPROX. DATE WORK WILL START* November 10, 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"	20.0#	560'	Sufficient to circulate
7 7/8"	4 1/2"	9.5#	2250'	125 Sx lite, 150 Sx "C"

Propose to drill to top of Queen Formation at 2110', core the Queen pay zone, and deepen to 2250'. Run casing, cement, and then selectively perforate and treat for commercial completion.

Attached are: 1. Well Location & Acreage Dedication Plat  
2. Supplemental Drilling Data  
3. Surface Use Plan

RECEIVED  
OCT 28 1983

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 Pinchola TITLE Agent DATE October 18, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY PLP TITLE \_\_\_\_\_ DATE 11/1/83  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED