

Form 1160-3  
(July 1992)

INSTR. ON COVER

1301

SUBMIT TRIPLICATE  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

C/SF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
GREAT WESTERN DRILLING COMPANY (BERRY D. SIMPSON)

3. ADDRESS AND TELEPHONE NO.  
700 WEST LOUISIANA MIDLAND, TEXAS 79702 (915-682-5746) 5241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
1780 660  
1500 FNL & 560 FEL SEC. 23 T6S-R25E CHAVES, CO. NM  
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 28 miles Northeast of Roswell New Mexico.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 1120

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'

19. PROPOSED DEPTH 4200'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3800' GR.

22. APPROX. DATE WORK WILL START\* WHEN APPROVED

5. LEASE DESIGNATION AND SERIAL NO.  
NM-15862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME 4794

8. FARM OR LEASE NAME, WELL NO.  
QUAIL FEDERAL # 10

9. API WELL NO.  
30-005-63453

10. FIELD AND POOL, OR WILDCAT  
PECOS SLOPE-ABO

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 23 T6S-R25E

12. COUNTY OR PARISH CHAVES CO.

13. STATE NEW MEXICO

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement with Redi-mix to surface
12 1/4"	J-55 9 5/8"	36	900'	343 Sx. circulate to surface
8 5/8"	J-55 4 1/2"	11.6	4200'	435 Sx. top of cement 500'
				above top of pay.

NSL-

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 900'. Run and set 900' of 9 5/8" 36# J-55 ST&C casing. Cement with 202 Sx. of Light weight cement + additives, tail in with 141 Sx. of Class "C" cement + 2% CaCl + 1/2# Flocele/Sx. circulate cement to surface.
3. Drill 8 5/8" hole to 4200'. Run and set 4200' of 4 1/2" 11.6# J-55 ST&C casing. Cement with 435 Sx. of Class "C" cement + 2% CaCl, + 1/2# Flocele/Sx. bring cement back to at least 500' above the top of pay.

ROSWELL CONTROLLED WATER BASIN

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Joe T. Janice TITLE Agent DATE 08/28/01

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /S/LARRY D. BRAY TITLE Assistant Field Manager, Oil and Minerals DATE NOV 02 2001

\*See Instructions On Reverse Side

APPROVED FOR 1 YEAR