

30-025-29053

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  
 Doyle Hartman  
 3. ADDRESS OF OPERATOR  
 P. O. Box 10426, Midland, Texas 79702  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 660' FNL and 990' FWL (D) Section 28  
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-050216  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Gregory B  
 9. WELL NO.  
 2  
 10. FIELD AND POOL, OR WILDCAT  
 Rhodes (Oil)  
 11. SEC., T. B., M., OR BLK. AND SURVEY OR AREA  
 Sec. 28, T-26-S, R-37-E, NMPM  
 12. COUNTY OR PARISH  
 Lea  
 13. STATE  
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8.25 miles south and 1.50 miles west of Jal, New Mexico  
 15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660 feet  
 16. NO. OF ACRES IN LEASE  
 80  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40  
 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1650  
 19. PROPOSED DEPTH  
 3400  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 2959.4 GL  
 22. APPROX. DATE WORK WILL START\*  
 November, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	13 3/8	33	40	20 (Circulate)*
12 1/4	9 5/8	36	400	200 (Circulate)*
8 3/4	7	23	3400	600 (Circulate)*

A 10 3/4" 2000-psi rotating head will be used while drilling surface hole. Before drilling out from under the surface pipe, the well will be equipped with a 3000-psi 10-inch series 900 Double-Ram Hydraulic BOP.

For other necessary BOP data required with this APD, see attached Drilling Prognosis.

\* Same pipe and cementing program as for Doyle Hartman Farnsworth Federal No. 1 (P-18-26-37).

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Company.

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 Larry A. Nemy TITLE Engineer DATE November 14, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY Don Wood TITLE Asst. DATE 11-29-84  
 CONDITIONS OF APPROVAL, IF ANY: of

APPROVAL SUBJECT TO  
 GENERAL REQUIREMENTS AND  
 SPECIAL STIPULATIONS  
 ATTACHED

\*See Instructions On Reverse Side