

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. IC 030176 (a)	
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1800 Wilcox Building, Midland, Texas		7. UNIT AGREEMENT NAME Rhodes Storage	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FWL, 1980' FNL		8. FARM OR LEASE NAME Rhodes GSU	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles Southeast of Dal, New Mexico		9. WELL NO. 16	
16. NO. OF ACRES IN LEASE 640		10. FIELD AND POOL, OR WILDCAT Rhodes	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		11. SEC., T., R., M., OR BEE. AND SURVEY OR AREA Sec. 10, T-26-S, R-37-E	
18. PROPOSED DEPTH 3250'		12. COUNTY OR PARISH Lea	
19. ROTARY OR CABLE TOOLS Rotary		13. STATE New Mexico	
20. APPROX. DATE WORK WILL START* 9-29-73			

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" MU 46	20.0#	565	Surface (circ)
7 7/8"	4 1/2" K-55	10.5#	3250	2750 ft.

Plan is to drill 12 1/4" hole to approximately 565', run 8 5/8" 20# MU 46 csg and cement to surface. WOC 12 hrs. & test to 500#. Drill 7 7/8" hole to TD (3250'), run 4 1/2" K-55 csg & cement to approximately 2750'. WOC 24 hrs. & test to 1500#. WELL will be completed for injection and withdrawal of gas in the Rhodes Yates formation.

Native mud and fresh water will be used to surface casing depth. Brine based mud will be used from surface casing to T.D.. 5000# Double gated BOP equipment will be used.

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 indicator program, if any.

SIGNED <i>[Signature]</i>	TITLE Production Clerk	DATE 9-11-73
(This space for Federal or State Use only)		
PERMIT NO.	APPROVAL DATE SEP 20 1973	
APPROVED BY <i>[Signature]</i>	TITLE ARTHUR R. BROWN	DATE
CONSISTENT WITH ALL APPLICABLE LAWS		