

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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-27277	
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	
2. NAME OF OPERATOR LaRue & Muncy		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 196, Artesia NM 88210		8. FARM OR LEASE NAME Gates Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL & 330' FEL At proposed prod. zone Same		9. WELL NO. 6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles south of Loco Hills NM		10. FIELD AND POOL, OR WILDCAT Shugart 1-SR-B-G	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330		11. SEC., T., R., & OR BLK. AND SURVEY OR AREA 34 T-18S-R30E	
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7,920		19. PROPOSED DEPTH 3500	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 1/15/90	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3423.3 Gr		22. APPROX. DATE WORK WILL START* 1/15/90	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	500	Circulated
12 1/2	8 5/8	24	1700	circulated
7 7/8	5 1/2	15.5	3500	400 sxs

We Propose to drill and test the Queen formation. Fresh water will be used to drill the surface and brine water will be used to drill the intermediate and production hole.


A 3000# BOP will be installed and tested on the 8 5/8" casing prior to drilling out casing shoe.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Post ID-1  
12-28-90  
New Loc + API

RECEIVED  
NOV 26 0 21 PM '90

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  TITLE Agent DATE 11/23/90  
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 12-19-90  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side