

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-59392	
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 Yates Petroleum Corporation		7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR 105 South Fourth Street, Artesia, NM 88210		8. FARM OR LEASE NAME Lusk "AHB" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330'FNL & 1980'FEL At proposed prod. zone same		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles south of Maljamar, New Mexico		10. FIELD AND POOL, OR WILDCAT East Lusk Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35-T19S-R32E	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40.00		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 7900'	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3569' GR	
22. APPROX. DATE WORK WILL START* ASA P		23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.50#	1140'	1150 sacks - circulated
12 1/4"	8 5/8"	32#	4430'	2500 sacks - circulated
7 7/8"	5 1/2"	17# & 20#	TD	As warranted; SEE SLIPS.

Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 1140' of surface casing will be set and cement circulated. Approximately 4430' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated, and stimulated as needed for production.

MUD PROGRAM: FW to 1140'; Brine to 4900'; cut Brine to TD.

BOP PROGRAM: BOP will be installed at the offset and tested daily for operational.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED

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 Clifton R. May TITLE Permit Agent DATE 1-2-91  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE LAND MANAGER  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ DATE 1-30-91

\*See Instructions On Reverse Side