

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 010063	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Pioneer Production Corp.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 208, Farmington, NM 87401		8. FARM OR LEASE NAME Lucerne D	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 1030' FSL - 880' FWL M At proposed prod. zone		9. WELL NO. #1E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 880'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 21 T28N R11W	
16. NO. OF ACRES IN LEASE 1281.99		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3530'		19. PROPOSED DEPTH 6490'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* ASAP	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5822' GL			

23. 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"	24#	200'	150 sx
7-7/8"	4-1/2"	10.5#	6490'	950 sx

Plan to drill 7-7/8" hole to test the Basin Dakota Formation. Plan to run IES log to TD. If productive, plan to set 4-1/2" casing, cement in two stages, selectively perforate, frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic)

Plan to use BOP rental while completing (6" 3000 psi double gate manual)

NMERB: Gas Dedicated

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 <u>Thomas A. Dugan</u>		TITLE <u>Agent</u>		DATE <u>5-21-80</u>	
(This space for Federal or State office use)					
PERMIT NO. _____		APPROVAL DATE _____			
APPROVED BY <u>Charles J. Holson</u>		TITLE _____			
CONDITIONS OF APPROVAL, IF ANY:					

*See Instructions On Reverse Side

NMCCC

