

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 0149957		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Llano, Inc.			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 1320, Hobbs, New Mexico 88240			8. FARM OR LEASE NAME Smith Federal "18"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL x 2010' FEL of Section 18 At proposed prod. zone Same			9. WELL NO. 2		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 32 miles west and 8 miles south of Hobbs, New Mexico			10. FIELD AND POOL, OR WILDCAT Salt Lake Yates		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 630'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18-20S-R33E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 30'			12. COUNTY OR PARISH Lea		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3311-GL			13. STATE New Mexico		
16. NO. OF ACRES IN LEASE 559.47			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
19. PROPOSED DEPTH 3120			20. ROTARY OR CABLE TOOLS Rotary		
22. APPROX. DATE WORK WILL START* December, 1975					

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	10 3/4"	40.5#	1200'	275 SX - Circ. to surface
8 3/4"	7"	23.0#	2400' (*)	550 SX - Circ. to surface
6 1/4"	4 1/2" (Liner)	9.5#	2300' - 3120'	100 SX - Circ. Liner

(*) 7" Csg to be set at least 100' below base of salt.

Proposed well to be drilled 30' west of junked hole on existing pad.

WOC time to be 24 hours on every casing string.

Blowout preventers will be utilized from SCP to TD.

A GR-Sonic-Caliper Log will be run from 1200' to TD with the Gamma Ray portion brought back to surface.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Manager of Operations

DATE

November 4, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

NOV 18 1976

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U.S.C. 18.11