

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 37548
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Lewis Energy Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 232 North Schwartz, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Lewis 1-20-3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 510' FSL, 565' FEL; Section 1, T20N, R3W At proposed prod. zone		9. WELL NO. #2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* FARMINGTON, N. M.		10. FIELD AND POOL, OR WILDCAT Wildcat Gallup
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA p Sec. 1, T20N, R3W
16. NO. OF ACRES IN LEASE 1646.54	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	12. COUNTY OR PARISH Sandoval
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 4700'	13. STATE New Mexico
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* October 15, 1981
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Estimated K.B. Elevation: +6990'		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	9 5/8	36	400	To Surface
8 3/4	7	23	4300	To Surface
6 1/2	4 1/2	10.5	Liner to T.D.	Per Caliper

Casing 9 5/8 surface pipe, 36 pound - K55  
7 in., 23 pound casing limited surface  
4 1/2 string, 10.5 pound - J55 as needed

*This casing program is not acceptable, but the revised casing program as shown on Sunday Notice of 11/11/81, is acceptable.*  
Raymond W. Vinyard



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. SIGNATURE [Signature] TITLE Operations Manager DATE October 8, 1981  
San Juan Basin  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE RAYMOND W. VINYARD  
CONDITIONS OF APPROVAL, IF ANY: ACTING DISTRICT SUPERVISOR DATE DEC 14 1981