

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

30-015-27514
Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

JUL 19 1993

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 029426-B	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER IN-FILL WELL <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR SOCORRO PETROLEUM COMPANY ✓ Ph. 505-677-3223		7. UNIT AGREEMENT NAME Keel-West Waterflood Project	
3. ADDRESS AND TELEPHONE NO. P.O. Box 37 Loco Hills, New Mexico 88255		8. FARM OR LEASE NAME, WELL NO. ---	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 2625' FSL, 1335' FEL, Sec. 9, T. 17S., R. 31E. (Unit J) At proposed prod. zone: Same (NWSE)		9. API WELL NO. H.E. West "B" No. 62	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.3 Air miles northeast of Loco Hills, New Mexico		10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson Pool	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2625'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T. 17S., R. 31E.	
16. NO. OF ACRES IN LEASE 1919.88 Ac.		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 933' ±		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3890.2 GL		22. APPROX. DATE WORK WILL START* As Soon As Possible	
23. PROPOSED CASING AND CEMENTING PROGRAM			

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24.0#	560'	460± sx Class C (Circ)
7-7/8"	5-1/2" J-55	17.0#	4900'	1000± sx Class C (See Stipulations)

Propose to drill to about 4900' and complete as an in-fill non-standard Grayburg producer. State approval of the unorthodox location is pending. Set 5-1/2" production casing to TD, cemented with sufficient cement to isolate porous zones. Selectively perforate favorable Grayburg zones.

Run 2-7/8" tubing to perforations and treat formation with 15% HCL. Sand-frac formation and test to tanks.

See attached Drilling Data and Surface Use Plan.
APPROVAL SUBJECT TO
COMPLETION OF PERMITS AND
SPECIAL CONDITIONS
Location is Subject to Like Approval by State

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED Jerry W. Long TITLE Permit Agent DATE 1/11/93
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) RICHARD L. MANUS

JUN 21 1993

APPROVED BY _____ TITLE _____ DATE _____

NSL # 3222

*See Instructions On Reverse Side