

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)

RECEIVED

30-043-20683

LEASE DESIGNATION AND SERIAL NO.

NM 54364

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		OIL COMPANY DIV.	
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"/>	
2. NAME OF OPERATOR Union Texas Petroleum Corporation		7. UNIT AGREEMENT NAME Lybrook "B"	
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Lybrook Gallup ext	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2206 ft./South and 412 ft./East lines At proposed prod. zone Same as above		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles Southwest of Counselor, New Mexico		10. FIELD AND POOL, OR WILDCAT Lybrook Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 412'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T-23N, R-6W, N.M.P.M.	
16. NO. OF ACRES IN LEASE 321.64		12. COUNTY OR PARISH Sandoval	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40.00		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None Drilled		19. PROPOSED DEPTH 5770'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* September 15, 1983	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 7136 GR		23. PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative appeal pursuant to 30-CFR-290.	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# J-55	300'	240 cu. ft. (circulated)
7-7/8"	4-1/2"	11.6# K-55	5770	2600 cu. ft. (circulated)

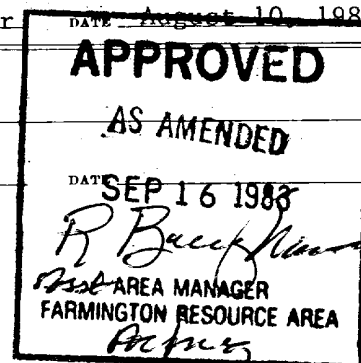
We desire to drill 12-1/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. Run new 8-5/8", 24.0#, J-55 casing to TD. Cement with approx. 240 cu. ft. Class "B" cement circulated to surface. Pressure test the casing to 800 PSIG. Drill 7-7/8" hole to TD of approx. 5770 ft. using a permaloid, nondispersed mud as the circulating medium. Log the well. Run new 4-1/2", 11.6#, K-55 casing to TD with DV tool at approx. 2150 ft. Cement first stage with approx. 1300 cu. ft. of 65/35/6 followed by 100 cu. ft. 50/50 Poz mix. Cement second stage with approx. 1200 cu. ft. 65/35/12 Poz circulated to surface. Drill out the DV tool and pressure test the casing to 1500 PSIG. Perforate and fracture the Gallup zone. Clean the well up. Run new 2-3/8", EUE, 4.7#, J-55 tubing to the Gallup zone. Run rod pump and rods. Set a pumping unit and tanks. Test the well and connect to a gathering system.

The gas from this well has not been dedicated.

NOTE: Actual cement volumes will be calculated from caliper log.

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>W. K. Cooper</u> TITLE <u>Field Operations Manager</u> DATE <u>August 10, 1983</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY _____	TITLE _____
CONDITIONS OF APPROVAL, IF ANY:	



All distances must be from the outer boundaries of the Section.

Operator UNION TEXAS PETROLEUM CORPORATION			Lease LYBROOK "B"		Well No. 1
Unit Letter I	Section 30	Township 23 NORTH	Range 6 WEST	County SANDOVAL	
Actual Footage Location of Well:					
2206 feet from the SOUTH		line and 412		feet from the EAST line	
Ground Level Elev. 7136	Producing Formation GALLUP	Pool LYBROOK		Dedicated Acreage: NE SE 40.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

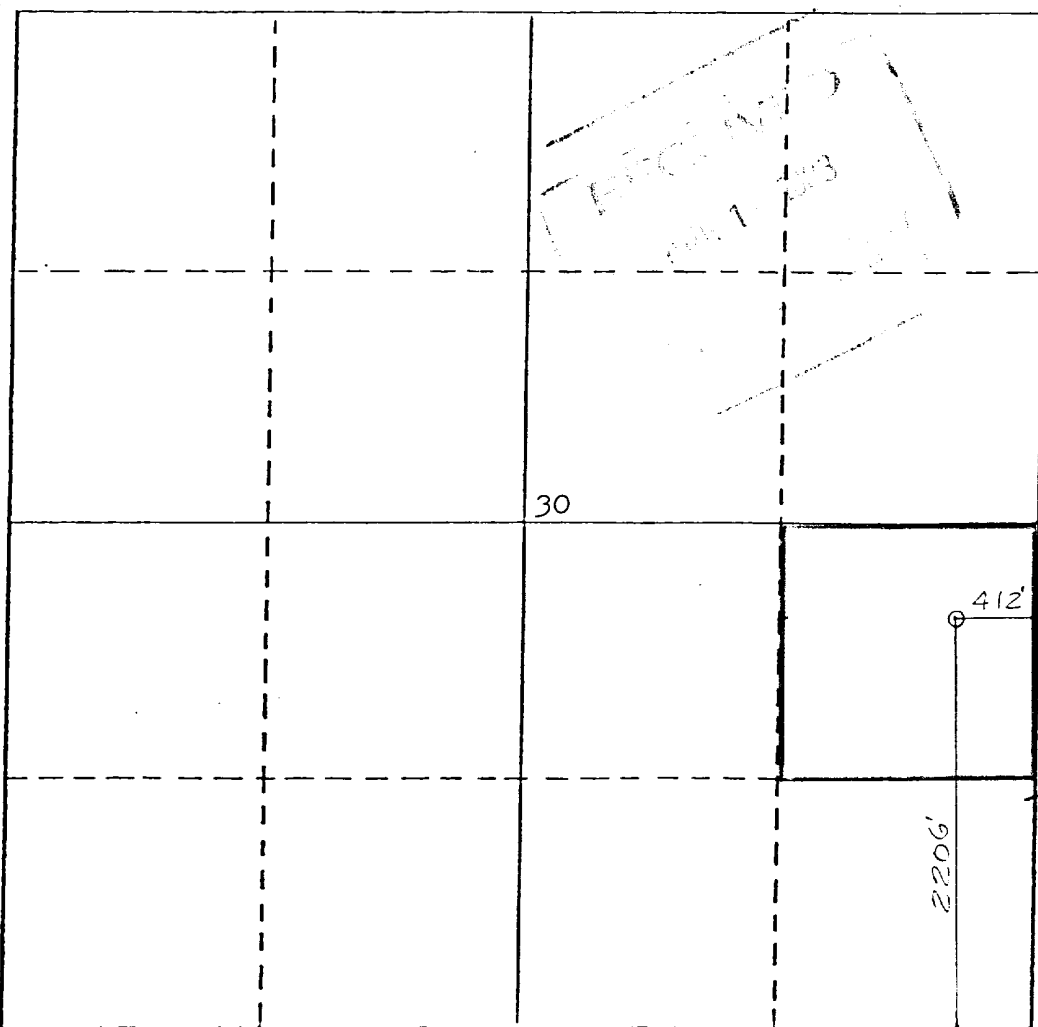
☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division

RECEIVED  
SEP 20 1983

OIL CON. DIV.  
DIST. 3



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Rudy D. Motto*  
Name

Rudy D. Motto

Position

Area Operations Manager

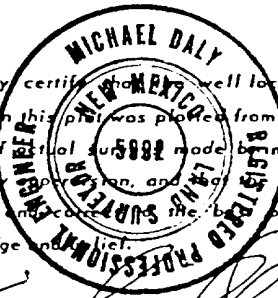
Company

Union Texas Petroleum Corp.

Date

July 14, 1983

I hereby certify that the well location shown on this plat was plotted from field notes or actual survey made by me or under my supervision, and that same is true and correct to the best of my knowledge and belief.



Date Surveyed

July 6, 1983

Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.

5992

