

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED 20 045 26132  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985  
DEC 0 7 1984

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK   
 B. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
 P.O. Box 1290, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 845' FSL; 987' FEL  
 At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8.5 miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drig. unit line, if any) 845'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3315'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5990 GR (Ungraded)

23. "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 077972  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Richardson  
 9. WELL NO.  
 5-E  
 10. FIELD AND POOL, OR WILDCAT  
 Basin Dakota  
 11. SEC., T., R. M., OR BLK. AND SURV. OR TOWN, R. 13W NMPM  
 Sec. 10, T. 27N, R. 13W NMPM  
 12. COUNTY OR PARISH  
 San Juan  
 13. STATE  
 NM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	New 8-5/8" K55	24.00#	(±) 300'	265 cu.ft. CL "B" 2% CaCl <sub>2</sub> circ.
7-7/8	New 4-1/2" K55	10.5 #	(±) 6280'	See Below - 2 stage

We desire to drill this well to the above described program. After setting surface pipe and cementing we will W.O.C. and pressure test the casing. Drill to T.D. using mud as the circulating medium and log the hole. Run casing to T.D. with a D.V. tool at approx. 2900' and cement in two stages as follows: 1st stage preceded by 20BBLs of mud flush followed by approx. 1000 cu.ft. of 50-50 POZ with 8% Gel and 6750# of Gilsonite tailed in with 132 cu. ft. of 50-50 POZ with 2% Gel, 0.6% FLA and 1000# of salt to circulate to the D.V. Tool. 2nd stage preceded with 20BBLs of mud flush followed by approx. 800 cu.ft. of 65-35 POZ with 8881# of Gilsonite tailed in with 118 cu.ft. of CL "B" with 2% CaCl<sub>2</sub> and 2% Gel to circulate to the surface. W.O.C. then drill out the D.V. Tool. Pressure test the casing. Perforate and fracture the Dakota zone and clean the well up. Run 2-3/8" J55 tubing to the Dakota zone. Nipple down the well head. Test the well and connect to a gathering system.

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 Rudy D. Motto TITLE Area Operation Manager  
 (This space for Federal or State office use)  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:  
 NMOCC  
 \*See Instructions On Reverse Side

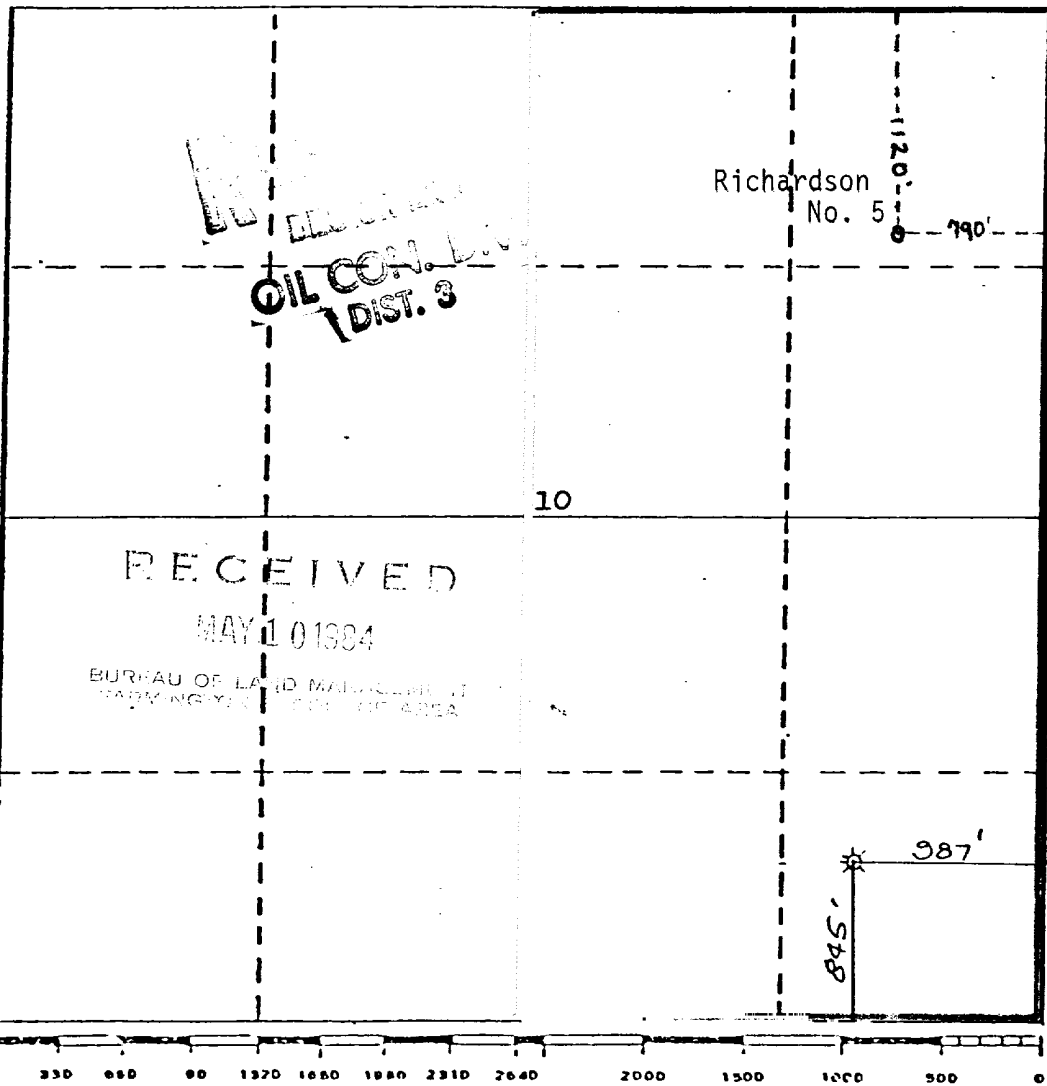
APPROVED 08, 1984  
 AS AMENDED  
 DEC 05 1984  
 (SGD) MAT MILLENBACH  
 AREA MANAGER  
 FARMINGTON RESERVING AREA

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

Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>		Lease <b>RICHARDSON</b>			Well No. <b>5E</b>
Unit Letter <b>P</b>	Section <b>10</b>	Township <b>27 NORTH</b>	Range <b>13 WEST</b>	County <b>SAN JUAN</b>	
Actual Postage Location of Well: <b>845</b> feet from the <b>SOUTH</b> line and <b>987</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>5990</b>	Producing Formation <b>DAKOTA</b>		Pool <b>BASIN</b>	Dedicated Acreage: <b>E/2 320.00</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.) Union Texas Exploration  
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.



**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  
April 7, 1983

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I hereby certify that the well location shown on this plat was plotted from field notes of 5992 correct made by me or under my supervision, and that the same is correct to the best of my knowledge.

*Michael Daly*  
Date Surveyed  
January 5, 1983  
Registered Professional Engineer and/or Land Surveyor  
Michael Daly  
Certificate No.  
5992

EXHIBIT A

LEASE: SF-077972

RICHARDSON # 5E

845' FSL & 987' FEL  
SEC 10, T27N, R13W  
SAN JUAN COUNTY, N.M.

1500' OF NEW & IMPROVED ROAD  
WILL BE NEEDED

