

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1710' FSL; 1810' FEL  
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
20 miles NW of Ojito, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 810'

16. NO. OF ACRES IN LEASE 2560  
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3555'

19. PROPOSED DEPTH 7930'  
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6731 GR  
22. APPROX. DATE WORK WILL START May 20, 1984

23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17"	New 13-3/8" H40	48.0#	300' (+)
9 7/8"			6000' (+)
7 7/8"	New 5-1/2" K55	15.50	7500' (±)
		17.0	7930' (±)

5. LEASE DESIGNATION AND SERIAL NO.  
Contract No. 150  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Jicarilla "G"  
9. WELL NO.  
8E  
10. FIELD AND POOL, OR WILDCAT  
Basin DK-BS Mesa/Gallup  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
I Sec. 2, T26N-R5W NMPM  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
NM  
17. NO. OF ACRES ASSIGNED TO THIS WELL  
Gallup SE 1/4 160.00  
Dakota E 1/2 320.00  
20. ROTARY OR CABLE TOOLS  
Rotary 267.83

We desire to drill 17" surface hole to approx. 300'. Run new 13-3/8" H40 to T.D. and cmt. Pressure test the csg. Drill out w/9-7/8" Bits and drill to approx. 6000'. Reduce the hole size to 7-7/8" and drill to T.D. of (±) 7930'. Log the hole. Run approx. 430' of 17# 5-1/2" K55 csg. followed by approx. 7500' of 5-1/2" 15.50# K55 csg. with D.V. tools at approx. 5950' and approx. 3575'. Cement program as follows: 1st stage: approx. 470 cu.ft. of 50-50 POZ mix w/4% Gel and 1406# of Gilsonite preceded by 20Lbs of gelled water pre-flush and 20Lbs of zone lock. Top of cmt. to approx. 5950'. 2nd stage: approx. 120 cu.ft. of 50-50 POZ w/4% Gel preceded by 20Lbs of water pre-flush and zone lock. Top of the cmt. up to 3575'. 3rd stage: approx. 1882 cu.ft. of 65/35/12 and approx. 1250# of Gilsonite followed by 118 cu.ft. of CL "B" w/2% CaCl all preceded by 20Lbs of gelled water pre-flush. Cement to be circulated. W.O.C. Drill out D.V. tools. Perforate and fracture the DK zone. Set a bridge plug above the DK zone. Perforate and fracture the Gallup zone. Clean the Gallup zone up. Drill the bridge plug out. ( See attached page )

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  
(This space for Federal or State use only)

TITLE Area Operation Manager

PERMIT NO. APPROVAL DATE

APPROVED BY DATE

CONDITIONS OF APPROVAL, IF ANY

APPROVED  
AS AMENDED  
JUN 05 1984  
AREA MANAGER  
FARMINGTON RESOURCE AREA

APD Description (cont.)  
Jicarilla "G" No. 8E  
Section 2, Township 26 North  
Range 5 West, N.M.P.M.  
Rio Arriba County, New Mexico  
Page No. 2

Clean the Dakota zone up. Run 2 1/16" I.J. tbg. with a production packer and set the Dakota zone. Run a second string of 2 1/16" I.J. tbg. and land in the Gallup zone. Nipple down the well head. Test the production packer for leakage and test each zone separately. Connect well to a gathering system.

NOTE: This well was originally permitted under the name of Supron Energy Corporation and the location was built but, not drilled. The well pad and road are existing and no additional dirt work is required. Attached is a copy of the Archaeological report and stipulations on this location.

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 1-1-83

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

Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>		Lease <b>JICARILLA G</b>		Well No. <b>8E</b>
Unit Letter <b>I</b>	Section <b>2</b>	Township <b>26 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>1710</b> feet from the <b>SOUTH</b> line and <b>810</b> feet from the <b>EAST</b> line <b>1982</b>				
Ground Level Elev. <b>6731</b>	Producing Formation <b>Dakota - Gallup</b>	Pool <b>Basin -- B.S. Mesa</b>	Dedicated Acreage: <b>E 1/2 320.0</b> <b>SE 1/4 160.00</b> 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.) Southland Royalty Company, 50% owner of entire lease

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 Commission.

**RECEIVED**  
MAR 01 1984  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

**RECEIVED**  
JUN 08 1984  
OIL CON. DIV.  
DIST. 3

— Dakota  
— Gallup

810'

1710'

## CERTIFICATION

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

Name

Rudy D. Motto

Position

Area Operations Manager

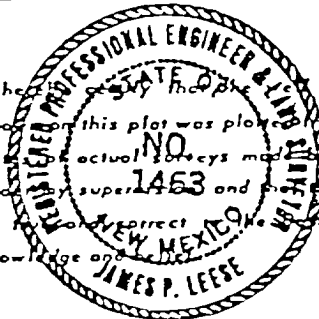
Company

Union Texas Petroleum Corp.

Date

February 27, 1984

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



Date Surveyed

March 24, 1982

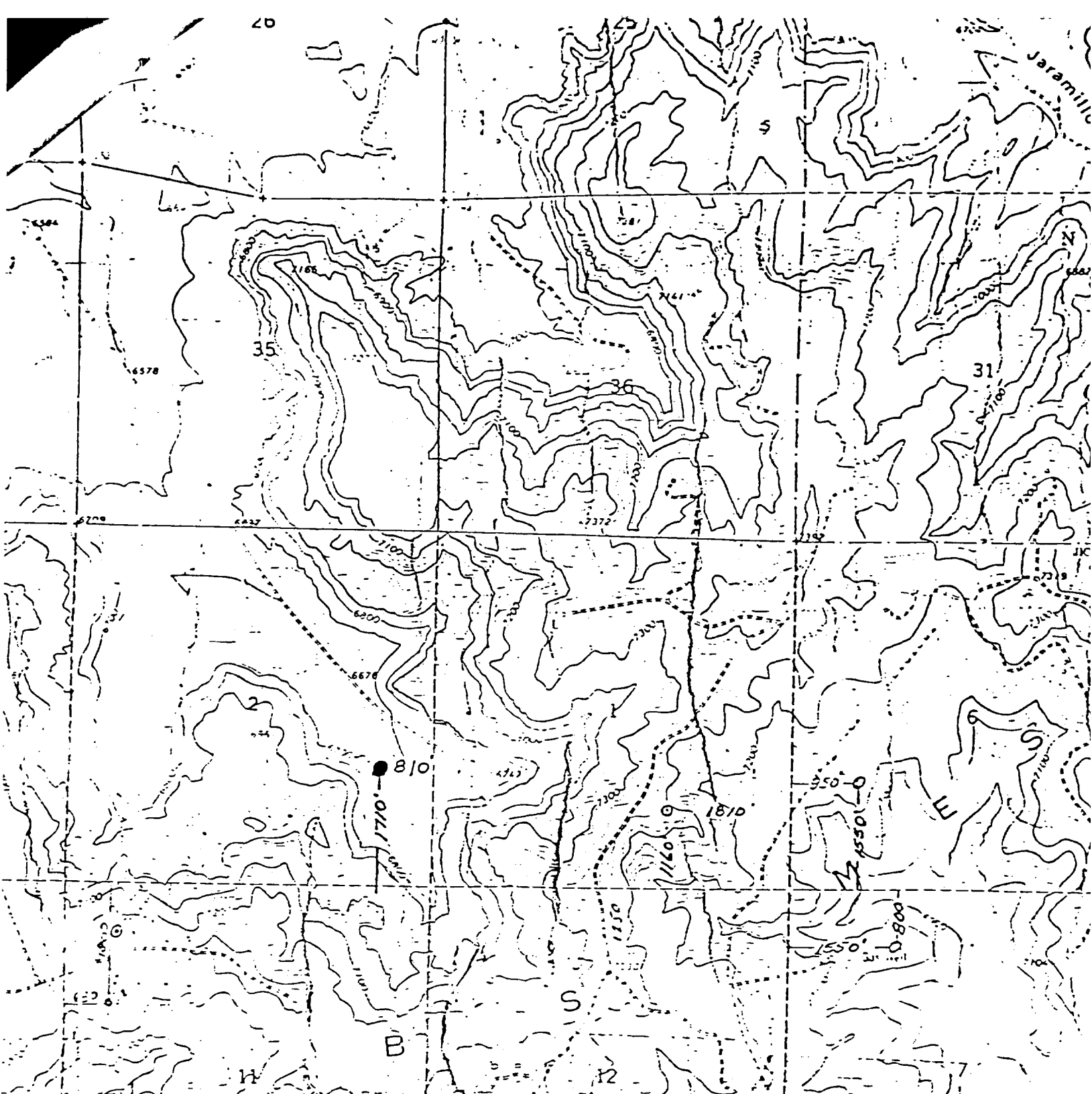
Registered Professional Engineer and/or Land Surveyor

James P. Leese

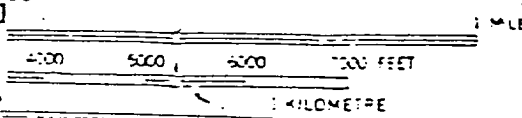
Certificate No.

1463

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



SUPRON ENERGY CORPORATION  
SE 1/4 Sec. 2, T26N, R5W, N.M.  
Rio Arriba County, N.M.



VERTICAL DATUM OF 1929

WITH NATIONAL MAP ACCURACY STANDARDS  
VEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
URAP. MAPS AND SYMBOLS IS AVAILAELE ON REQUEST