

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-23295
5. LEASE DESIGNATION AND SERIAL NO.

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 ☐ Commingle
Gallup-Dakota

2. NAME OF OPERATOR
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR
P. O. Box 808, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 1850 ft./South and 1800 ft./West lines
At proposed prod. zone: Same as above

10. FIELD AND POOL, OR WILDCAT
Ojito-Gallup-Dakota Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T-25N, R-3W, N.M.P.M.

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles Northwest of Lindreth, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
790 ft.
(Also to nearest drlg. unit line, if any) 480 ft.

16. NO. OF ACRES ASSIGNED TO THIS WELL
480.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
40.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1247 ft.

19. PROPOSED DEPTH
8300'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7289 GR

22. APPROX. DATE WORK WILL START*
August 10, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM
This action is subject to administrative appeal pursuant to 80 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24.0# K-55	300'	250 cu. ft. (circulated)
7-7/8"	4-1/2"	11.6# K-55	8300'	2850 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#, K-55 casing to TD. Cement with approx. 250 cu. ft. Class "B" cement circulated to surface. Pressure test the casing. Drill 7-7/8" hole to TD of approx. 8300 ft. using a permaloid, non-dispersed 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. 1400 cu. ft. of 65/35/6 followed by 275 cu. ft. 50/50 Poz. Cement second stage with approx. 1100 cu. ft. 65/35/12 Poz circulated to surface. Drill out the DV tool and pressure test the casing. Perforate and fracture the Dakota and Gallup zones. Clean the well up. Run new 2-3/8", 4.7#, J-55 tubing to the Dakota 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 previously been dedicated to a transporter.

NOTE: Actual cement volumes to 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: W. K. Cooper TITLE: Field Operations Manager
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
SEP 15 1983
R. Brumfield
Asst. AREA MANAGER
FARMINGTON RESOURCE AREA
Acting

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-104
Superseded C-128
Effective 1-1-85

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

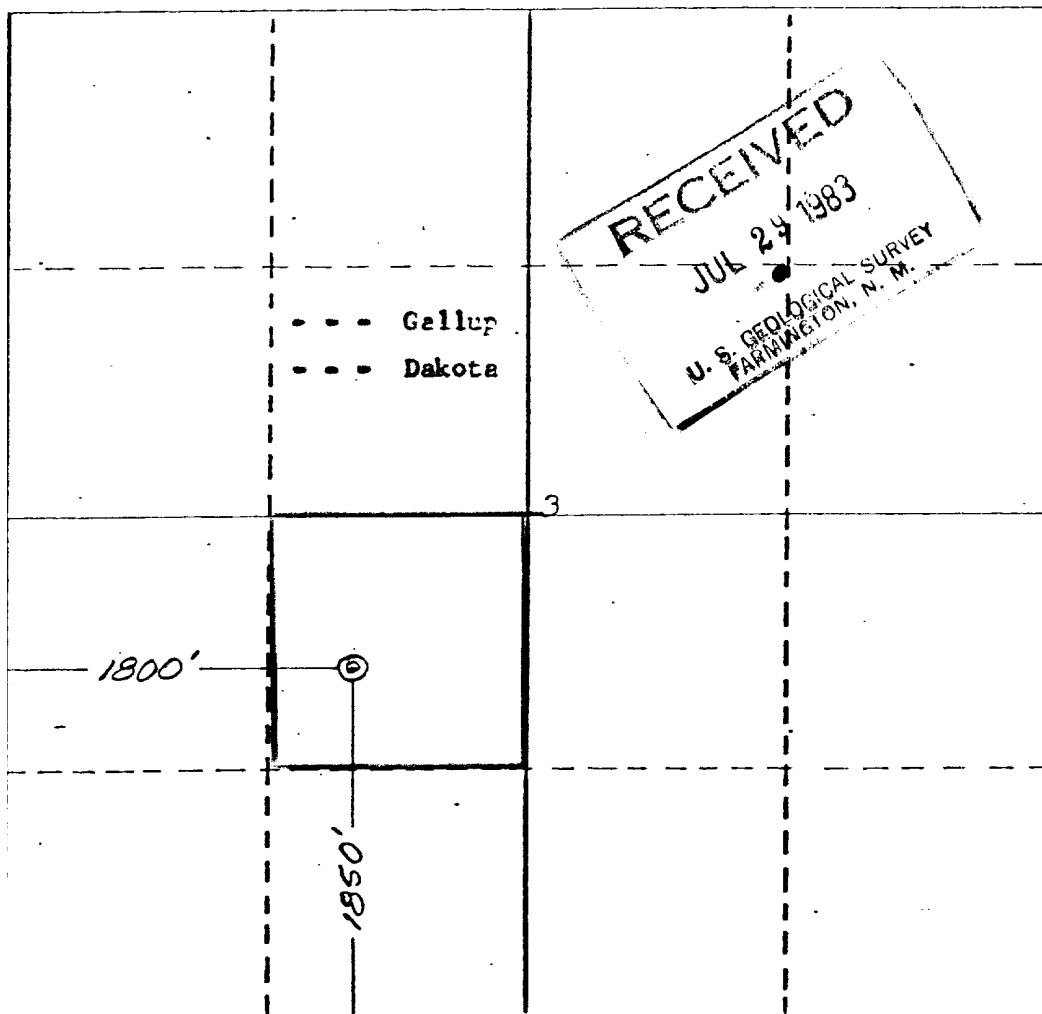
Operator UNION TEXAS PETROLEUM CORP.		Lease MCCRODEN		Well No. 4
Unit Letter K	Section 3	Township 25 NORTH	Range 3 WEST	County RIO ARriba
Actual Footage Location of Well:				
1850 feet from the SOUTH line and		1800 feet from the WEST line		
Ground Level Elev. 7289	Producing Formation GALLUP-DAKOTA	Pool OJITO GALLUP DAKOTA EXT.	Dedicated Acreage: NE SW 40.00 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.) _____

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.



CERTIFICATION

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

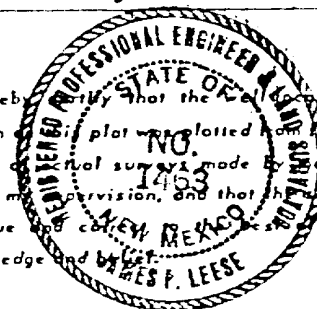
Rudy D. Motto

Name
Rudy D. Motto
Position
Area Operations Manager

Company
Union Texas Petroleum

Date
September 8, 1982

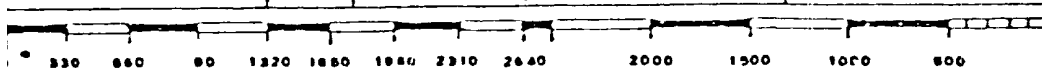
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
August 3, 1982

Registered Professional Engineer
and/or Land Surveyor
James P. Leese
James P. Leese

Certificate No.
1463



UNION TEXAS PETROLEUM CORP.
McCroden #4
NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 3, T25N, R3W, NMPM
Rio Arriba County, New Mexico

