

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Gas - Oil

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

990' FNL; 960' FWL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles Northwest of Lindrith New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

960'

330'

16. NO. OF ACRES IN LEASE

480.00

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

N/2 320.00

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3520'

19. PROPOSED DEPTH

8270

20. ROTARY OR CABLE TOOLS

Rotary

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

7188 GR (Ungraded)

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH
"GENERAL REQUIREMENTS
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

May 25, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 2901

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'	250 cu.ft. CL "B" 2% CaCl circ.
7-7/8	New 4-1/2"K55	11.6 #	(±) 8270'	See Below - 3 stage

We desire to drill this well to the above scheduled program. After surface pipe is set, cement and W.O.C. Pressure test the casing. Drill 7-7/8" hole to T.D. using mud as the circulating medium. Log the hole. Run 4-1/2" pipe to T.D. with stage tools at approx. 6250' and 3900'. Cmt. in 3 stages as follows: 1st stage 20 BBLs of mud flush followed by approx. 690cu.ft. of 50-50 POZ with 2% Gel, 0.6% FLA and 5250# of salt to circulate to the D.V. tool. 2nd stage - 20BBLs of flocheck followed by approx. 715cu.ft. of 50-50 POZ W/4% Gel and 2843# of Gilsonite and tailed in with approx. 118cu.ft. of CL "B" with 2% CaCl₂ to circulate to the second D.V. tool. 3rd stage-20BBLs of flocheck followed by approx. 1245cu.ft. of 65-35 POZ with 12% Gel, 2% CaCl₂ 5328# of Gilsonite and 108# of Flocele tailed in with approx. 118cu.ft. of Cl "B" with 2% CaCl₂ to circulate to the surface. W.O.C. and drill out the D.V. tools. Pressure test the casing. Perforate and fracture the Dakota zone and clean the zone up. Test the Dakota zone and set a bridge plug above the Dakota zone. Perforate and fracture the Gallup zone and clean it up. Test the Gallup zone. Set a bridge plug above the Gallup zone. Perforate and fracture the Mesaverde zone and clean it up. Test the Mesaverde zone. Remove the bridge plugs. Run 2-3/8" J55 tubing and land in the Dakota zone. Nipple down the well head. Connect to a gathering system after trimming line.

24. 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.

SIGNED

Rudy D. Motto

TITLE Area Operation Manager

DATE May 10, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DATE May 10, 1984

AS AMENDED

JUL 02 1984

(SGD.) MATHEW N. MILLENBACH

DATE

AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

*See Instructions On Reverse Side

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

Petroleum UNION TEXAS PETROLEUM CORPORATION			Lease MCCRODEN A		Well No. 4
Well Letter D	Section 9	Township 25 NORTH	Range 3 WEST	County RIO ARriba	

Actual Footage Location of Well:

990 feet from the NORTH line and 960 feet from the WEST line

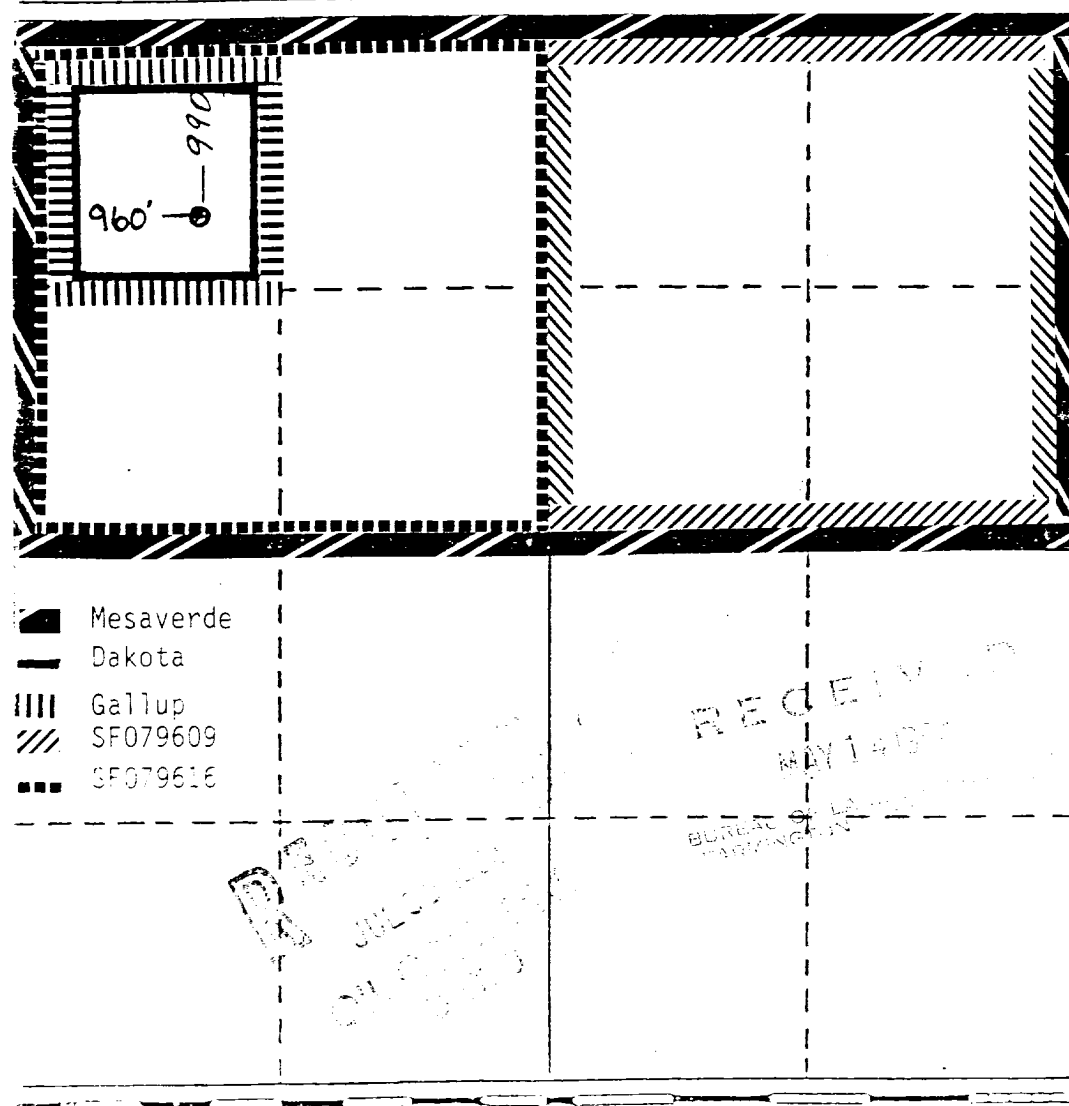
Ground Level Elev. 7188	Producing Formation Dakota Gallup-Mesaverde	Pool Ojito Extension Blanco	Dedicated Acreage NW 1/4 320.00 40.00 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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 Communitized in Progress

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.



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 May 10, 1984

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 October 30, 1983

Registered Professional Engineer and/or Land Surveyor

Signature Michael D. Dwyer

Certificate No. 10000

