

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-079609	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Union Texas Petroleum		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 375 U.S. Highway 64, Farmington, NM 87401		8. FARM OR LEASE NAME Macrodén A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1485' FSL & 1660' FWL At proposed prod. zone		9. WELL NO. 10	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles W-SW of Ojito, New Mexico		10. FIELD AND POOL, OR WILDCAT South Blanco PC	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dir. unit line, if any) 1155 from lease 976 from DU		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9, T25N-R3W	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL SW/4 159.80 acres		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 275		19. PROPOSED DEPTH 3800	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* June 10, 1988	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 7145 G.L.		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24	440	225 sx (266 cu.ft.)
7-7/8"	4-1/2"	10.5	3800	850 sx (1335 cu.ft.)

Union Texas Petroleum wishes to advise we intend to drill 11" hole with mud to 440' and set 8-5/8", 24#, K-55, ST&C csg to 440', cementing to surface with 225 sx (266 cu.ft.) Cl "B" with 2% CaCl₂ and 1/4# flocele/sk. Wait on cement 12 hours.

Nipple up, test BOP. Drill 7-7/8" hole with mud out of surface to 3800'. Set 4-1/2", 10.5#, K-55, ST&C csg to 3800', cementing to surface with 850 sx (1335 cu.ft.) 50/50 POZ with 4% gel, 6-1/4# gilsonite/sk, and 10# salt/sk.

Following perforation and treatment of the Pictured Cliffs formation, standard production equipment will be installed. This well will be equipped with cathodic protection. AC cable will be buried along existing roads and pipeline to location.

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.

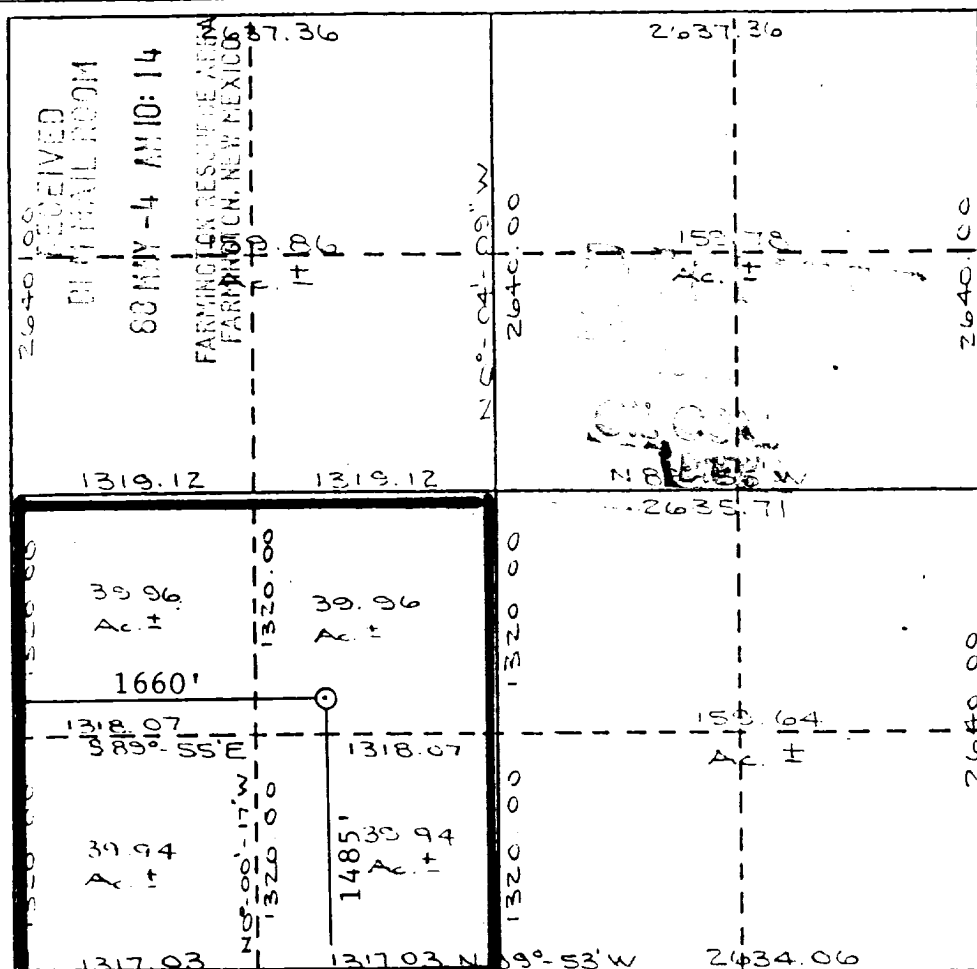
24. SIGNED <u>Robert C. Frank</u> Permit Coordinator		DATE <u>5/2/88</u>
(This space for Federal or State office use)		
PERMIT NO. _____		APPROVED <u>AS AMENDED</u>
APPROVED BY _____		DATE <u>JUN 06 1988</u>
CONDITIONS OF APPROVAL, IF ANY:		AREA MANAGER

*See Instructions On Reverse Side

Form C-102
Revised 10-1-79

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

N 29° - 55' W



CERTIFICATION

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

Robert C. Frank

Name
Robert C. Frank

Position
Permit Coordinar

Company
Union Texas Petroleum

Date
April 28, 1988

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

Cecilia L. Fullin

Date Surveyed
December 22, 1987

Registered Land Surveyor

Cecil B. Tullis

Certificate No.

9672

Exhibit I

Oil
Camp

(537)

7521

7494X

7670.1a

PIPELINE

RECEIVED

JUN 09 1988

OIL CON. DIV.
DIST. 3

Schmitz
Hatch

Gas
Well

McCroden
A-8 Wellpad

Cañon

1660'

1485'

MC CRODEN "A" 10
NE $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 9 T25N R3W N.M.P.M.
Rio Arriba Co. N.M.

Oil Well

Exhibit II