

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 ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐  
2. NAME OF OPERATOR  
Union Texas Petroleum  
3. ADDRESS OF OPERATOR  
375 U.S. Highway 64, Farmington New Mexico 87401  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1850' FNL & 950' FWL  
At proposed prod. zone Same as above

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078272-A  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
7. UNIT AGREEMENT NAME  
N/A  
8. FARM OR LEASE NAME  
NAGEEZI FEDERAL 3  
9. WELL NO.  
2  
10. FIELD AND POOL, OR WILDCAT  
Lybrook Gallup  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
E Section 3, T23N-R7W  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
2 miles north of Lybrook, New Mexico  
15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)  
950' from lease  
331' from DU  
16. NO. OF ACRES IN LEASE  
961.96  
17. NO. OF ACRES ASSIGNED TO THIS WELL  
40  
SW/4 NW/4 37.4 acres  
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1245'  
19. PROPOSED DEPTH  
5690'  
20. ROTARY OR CABLE TOOLS  
Rotary  
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6967 G.L. (graded)  
22. APPROX. DATE WORK WILL START\*  
April 20, 1987

23. DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".  
This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4.  
224 sxs (266 cu.ft.)  
1010 sxs (2092 cu.ft.)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24.0#	300'
7-7/8"	4-1/2"	10.5#	5690'

Union Texas Petroleum wishes to advise we intend to drill 12-1/4" hole with mud to 300+ and set 8-5/8" 24.0#, K-55, ST&C csg. to 300' +, cementing to surface with 225 sxs (266 cu.ft.) C1 "B" with 2% CaCl2 and 1/4# flocele/sk. Wait on cement for 12 hrs.

Nipple up, test BOP. Drill 7-7/8" hole with mud out of surface to 5690'. Set 4-1/2", 10.5#, K-55, ST&C production csg. to 5690', Cement to surface in two stages. (DV tool at 3280'.)  
1st Stage: 620 sxs (973 cu.ft.) 50/50 POZ containing 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. 2nd Stage: 390 sxs (1119 cu.ft.) 65/35 POZ containing 12% gel and 12-1/4# gilsonite/sk.

Following perforation and treatment of the Gallup formation, standard production equipment will be installed. The Gallup gas will be tied into Northwest Pipeline. A cathodic protection groundbed will be drilled on location. A thermo-electric generator will be installed on location. No outside electric source will be necessary. The site was previously inspected in 1982.

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 Robert C. Frank TITLE Permit Coordinator DATE April 23, 1987  
(This space for Federal or State office use)  
PERMIT NO.                      APPROVAL DATE APR 08 1987 DATE APR 07 1987

Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease.

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-103  
Supersedes C-128  
Effective 1-1-85

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

Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>			Lease <b>NAGEEZI FEDERAL 3</b>		Well No. <b>2</b>
Unit Letter <b>E</b>	Section <b>3</b>	Township <b>23 NORTH</b>	Range <b>7 WEST</b>	County <b>RIO ARriba</b>	

Actual Footage Location of Wells

1850 feet from the <b>NORTH</b> line and	950 feet from the <b>WEST</b> line
Ground Level Elev. <b>6967</b>	Producing Formation <b>Gallup</b>
Pool <b>Lybrook EXT</b>	
Dedicated Acreages <b>37.4 SW/NW 40 Acres</b>	

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?

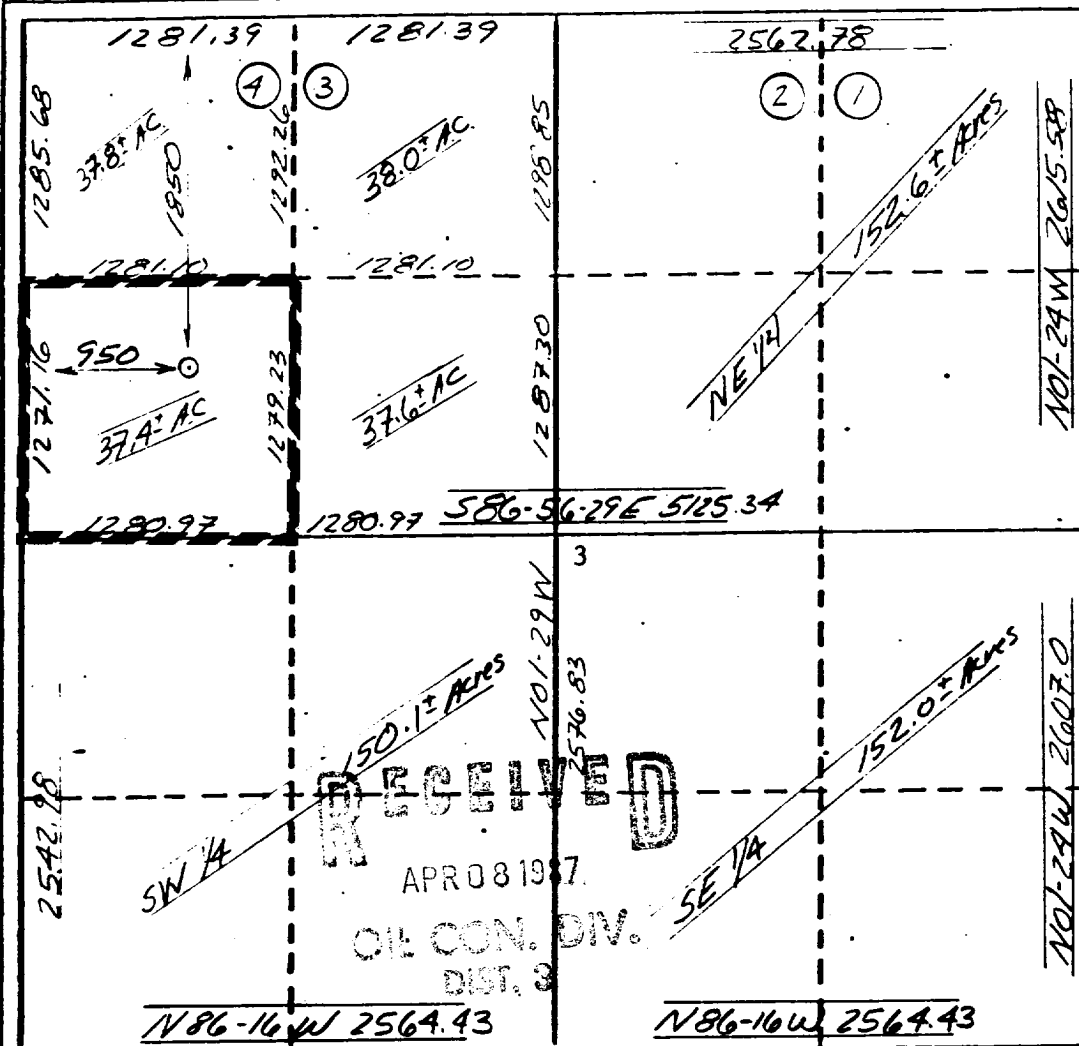
☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.

*N87-36W*

*S125.56*



**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 Coordinator

Company

Union Texas Petroleum

Date

March 20, 1987

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.

*George R. Tompkins*

Date Surveyed

MARCH 28, 1987

Registered Professional Engineer

and/or Land Surveyor

GEORGE R. TOMPKINS

Certificate No.

.7259 *Exhibit I*

