

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 Gas and Oil

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

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 940 ft. from North line & 1820 ft. from West line

At proposed prod. zone same as above

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

3 miles southeast of Bloomfield, New Mexico 87413

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

820 ft.

820 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

820 ft.

820 ft.

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

5787 Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	NEW 13-3/8	48.00 H40	300 ft.	417 cu. ft. (circulated) surface
12-1/4	NEW 9-5/8	40.00 K55	4775 ft.	1346 cu. ft. (base of the pipe)
8-1/2	NEW 7	23.00 K55	4625 to 6580	343 cu. ft. (top of the liner)

We desire to drill the surface hole to T.D. using natural mud as the circulating medium. Circulate Class "B" cement to surface. W.O.C. Pressure test the casing to 800 PSIG for 10 minutes. Drill intermediate hole to T.D. using a starch base, permaloid, non-dispersed mud as the circulating medium. Log the well. Run pipe to T.D. Cement with approx. 980 cu. ft. of Howco lite with 5# Gilsonite/sx. and tail in with approx. 366 cu. ft. of Class "B" with 2% gel and 2% CACL/sx. W.O.C. Pressure test the casing to 1500# for 10 minutes. Drill to T.D. using natural gas as the circulating medium. Log the well. Run pipe to T.D. with the liner hanger at approx. 4625 ft. Cement with approx. 343 cu. ft. of 50-50 poz with 2% gel, 1/2# Halad 9/sx., 3% KCL and 5% Gilsonite. W.O.C. Pressure test the casing. Perforate and frac the Dakota zone. Set a bridge plug above the Dakota zone. Perforate and frac the Gallup zone. Clean the zone up. Remove the bridge plug. Clean the Dakota zone up. Run 2-3/8", 4.7#, J55 E.U.E. tubing with a production packer to be set above the Dakota zone. Run a second string of 2-3/8", J55 E.U.E. 4.7# tubing and land in the Gallup zone. Run rods and pump in the Gallup tubing. Set pump unit, tanks and separator. Nipple down the wellhead. Test the packer for leakage. Test each zone. Connect each zone to (continued)

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

TITLE

Field Operations Manager

DATE October 25, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

DEC 21 1982
JAMES F. SIMS
DISTRICT ENGINEER

NM000

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

a gathering system.

The gas from this well has previously been dedicated to a transporter.

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

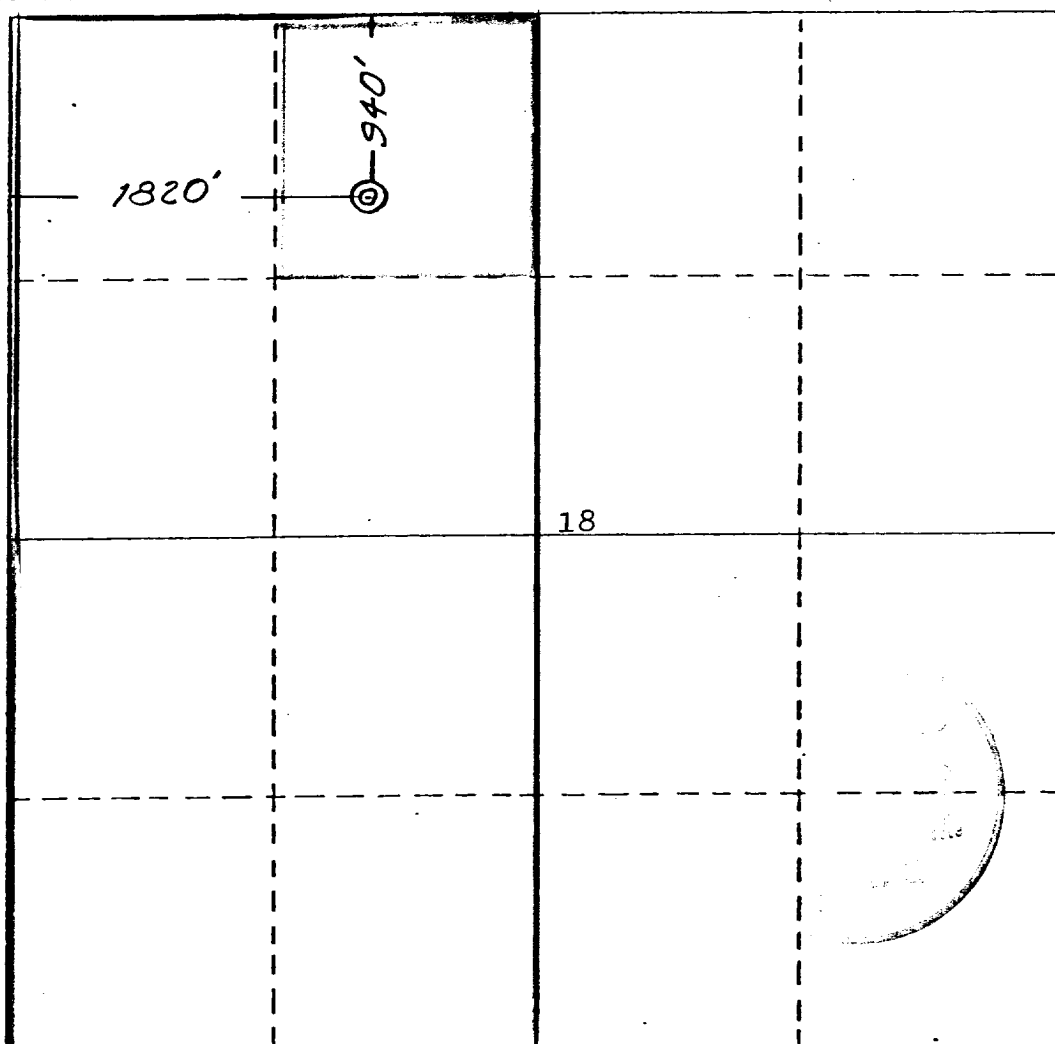
Operator UNION TEXAS PETROLEUM CORP			Lease CONGRESS		Well No. 4-E
Unit Letter C	Section 18	Township 28 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 940 feet from the NORTH line and 1820 feet from the WEST line					
Ground Level Elev. 5787	Producing Formation GALLUP-DAKOTA		Pool Under		Dedicated Acreage: 1.00 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.) _____

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

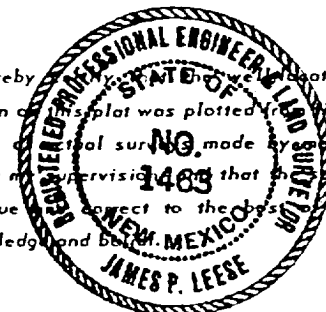


CERTIFICATION

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

Name **James P. Leese**
Position **REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR**
Company **James P. Leese, Inc.**
Date **July 27, 1982**

I hereby certify that the well location shown on this plat was plotted from field notes of a trial survey 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 **July 27, 1982**
Registered Professional Engineer and/or Land Surveyor
James P. Leese
Certificate No. **1463**

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4357 IV I SE TAN

UNITED STATES UNION TEXAS PETROLEUM CORP
DEPARTMENT OF THE INTERIOR Congress Lachman #4-E
GEOLOGICAL SURVEY Section 18, T28N, R10W, N.M.P.M
San Juan County, New Mexico

