

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25649

## 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 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 369 ft./South line and 939 ft./West line

At proposed prod. zone

Same as above

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

6 miles Southeast of Bloomfield, New Mexico

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 369 ft.

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

601 ft.

## 16. NO. OF ACRES IN LEASE

2284.30

## 19. PROPOSED DEPTH

6060'

## 17. NO. OF ACRES REQUIRED

TO THIS WELL

40.00

## 20. ROTARY OR OTHER TOOLS

Rotary

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

5719' GR

## DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ALL

## 23.

"GENERALISED CASEM AND CEMENTING PROGRAM"

This action is subject to administrative

appeal pursuant to 30 CFR 290.

QUANTITY OF CEMENT

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 13-3/4"      | 9-5/8"         | 36.0 K-55       | 300           | 250 cu. ft.        |
| 8-3/4"       | 7"             | 23.0 K-55       | 5400          | 1400 cu. ft.       |
| 6-1/4"       | 4-1/2"         | 10.5 K-55       | 5200 - 6060   | 150 cu. ft.        |

We desire to drill 13-3/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. Run new 9-5/8" csg. to TD. Cement with approx/ 250 cu. ft. of Class "B" cement circulated to the surface. Pressure test the casing to approx. 800 PSIG for 10 min. Drill 8-3/4" hole to approx. 5400 ft. using a starch base, permaloid, nondispersed mud as the circulating medium. Log the well. Run new 7" casing to TD with a DV tool at approx. 2000 ft. Cement 1st stage w/approx. 750 cu. ft. of 65/35/6 followed by approx. 100 cu. ft. of Class "B" cement. Cement the second stage w/approx. 450 cu. ft. of 65/35/12 followed by approx. 100 cu. ft. of Class "B". Circ. cement to surface. Drill out the DV tool. Pressure test the pipe to 1500 PSIG. for 10 min. Drill out w/6-1/4" bit to approx. 6060 ft. using natural gas as the circulating medium. Log the well. Run new 4-1/2" casing to TD and cement w/approx. 150 cu. ft. of 50/50 Poz mix. WOC. Perforate and fracture the Gallup zone. Clean the well up. Run new 2-3/8" EUE, 4.7#, J-55 tbg. to the Gallup zone. Run rod pump and rods. Set a pumping unit and tanks. Install a pipeline from the wellhead to the existing Zachry gathering system. Test the well. The pipeline will be built to the attached drawings and to the code of Federal Regulations Title 49, Part 192. The underground system will be completely coated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive (over) 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

W. K. COOPER

TITLE Field Operations Mgr.

DATE February 24, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDEDMAR 2 1983  
JAMES F. SHAW  
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.

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and cathodically protected.

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

**NOTE:** Actual cement volumes will be calculated from caliper log.

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

|                                   |                               |                      |                           |                    |                                         |
|-----------------------------------|-------------------------------|----------------------|---------------------------|--------------------|-----------------------------------------|
| Union TEXAS PETROLEUM CORPORATION |                               | Lease<br>ZACHRY      |                           | Well No.<br>56     |                                         |
| Well Letter<br>M                  | Section<br>11                 | Township<br>28 NORTH | Range<br>10 WEST          | County<br>SAN JUAN |                                         |
| Actual Footage Location of Well:  |                               |                      |                           |                    |                                         |
| 369                               | feet from the                 | SOUTH                | line and                  | 939                | feet from the WEST line                 |
| Sound Level Elev.<br>5719         | Producing Formation<br>Gallup |                      | Pool<br>Armenta Extension |                    | Dedicated Acreage:<br>SW SW 40.00 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 \_\_\_\_\_

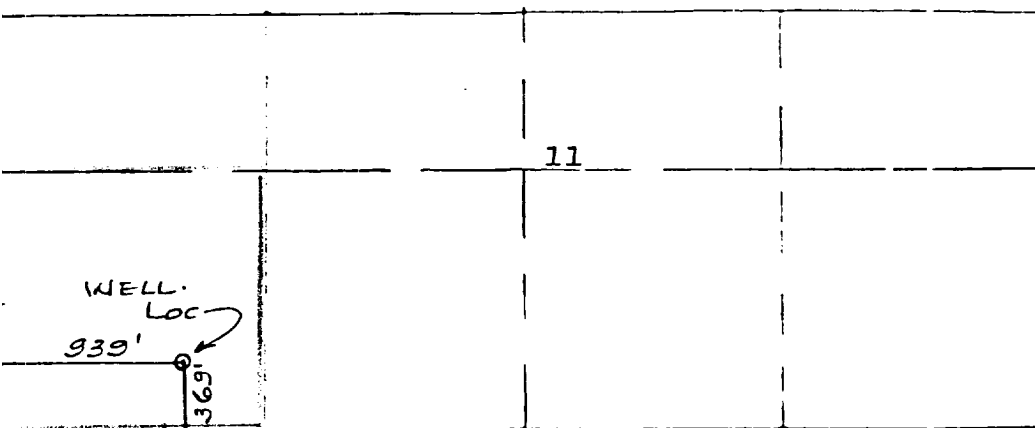
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.

RECEIVED  
MAR 29 1983  
OIL CON. DIV.  
DIST. 3

RECEIVED

FEB 28 1983

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

## 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 Corp.

Date

January 20, 1983

I hereby certify that the well location shown on this plat was obtained 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.

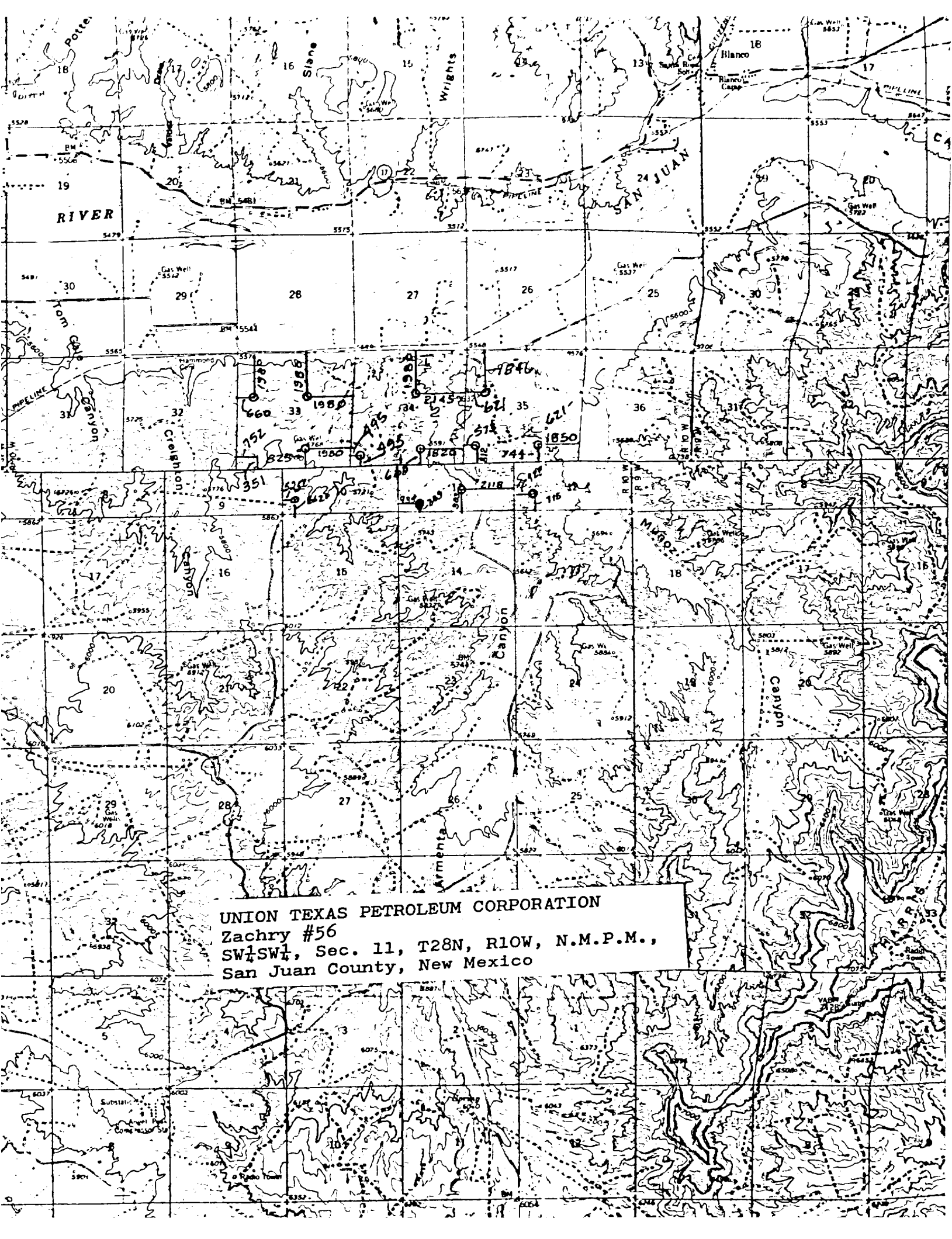
Date Surveyed: 100330

December 16, 1982

Registered Professional Engineer  
and/or Land Surveyor

Michael Daly

Certificate No.  
5992



UNION TEXAS PETROLEUM CORPORATION  
Zachry #56  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 11, T28N, R10W, N.M.P.M.,  
San Juan County, New Mexico