

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25650

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

903 ft./South line and 2118 ft./East 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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

903 ft.

417 ft.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

665 ft.

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

5604' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
13-3/4"	9-5/8"	36.0# K-55	300	250 cu. ft.
8-3/4"	7"	23.0# K-55	5200	1400 cu. ft.
6-1/4"	4-1/2"	10.5# K-55	5000 - 6040'	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. 5200 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". Circulate 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 approximately 6040 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 and test the well. The pipeline will be built to the attached drawings and to the code of Federal Regulations Title 49, Part 192. The (Over)

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.

SIGNED

W. K. Cooper

TITLE Field Operations Manager

DATE February 25, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

J. L. Sims
DISTRICT ENGINEER

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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underground pipe system will be completely coated and cathodically protected.

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

NOTE: Actual cement volumes to be calculated from caliper logs.

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

Operator UNION TEXAS PETROLEUM CORPORATION			Lease ZACHRY		Well No. 55
Unit Letter 0	Section 11	Township 28 NORTH	Range 10 WEST	County SAN JUAN	

Actual Footage Location of Well:

903	feet from the	SOUTH	line and	2118	feet from the	EAST	line
Ground Level Elev. 5604	Producing Formation Gallup		Pool Amenta 800000		Dedicated Acreage SW SE 40.00		Acre

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.) _____

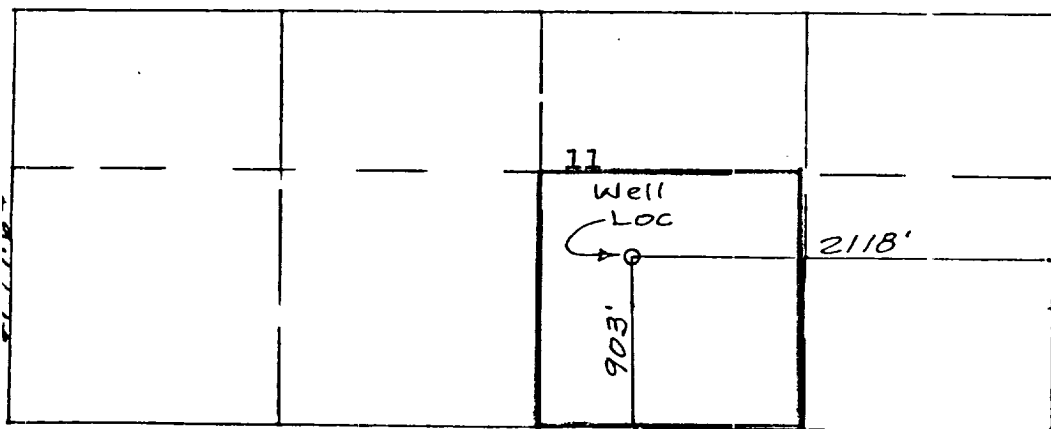
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

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

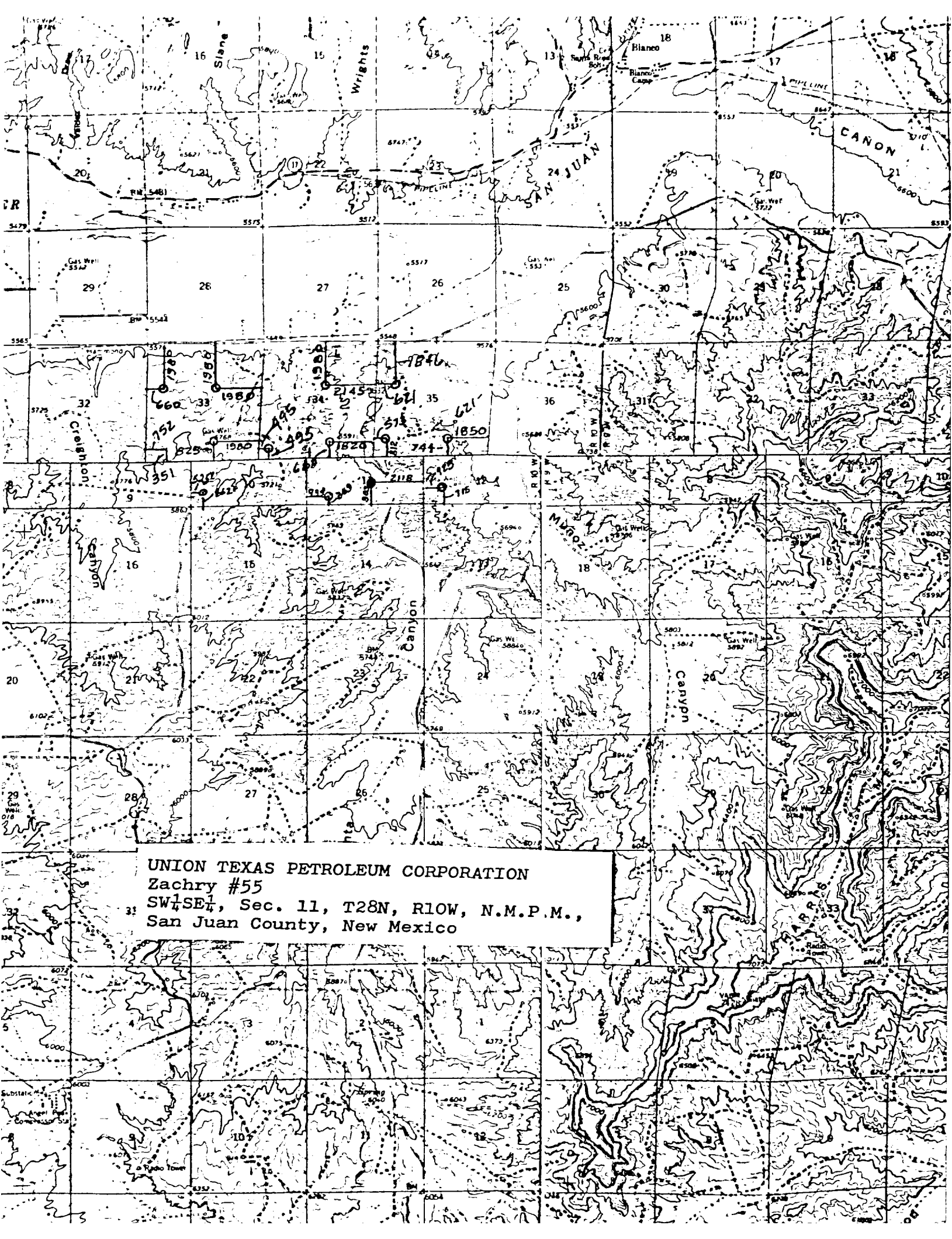
I hereby certify that the well location shown on this plat was plotted from field notes of *Michael Daly* made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Michael Daly
Date Surveyed _____
January 5, 1983

Registered Professional Engineer
and/or Land Surveyor

Michael Daly
Certificate No. _____

5992



UNION TEXAS PETROLEUM CORPORATION
Zachry #55
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 11, T28N, R10W, N.M.P.M.,
San Juan County, New Mexico