

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 ☐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

1707 ft./North line and 380 ft./West

At proposed prod. zone

Same as above

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

1-1/2 miles South of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

380 ft.

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

380 ft.

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

5531' 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'
8-3/4"	7"	26.0# K-55	5200'
6-1/4"	4-1/2"	11.6# K-55	5000'-5875'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40.00

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 15, 1983

This action is subject to administrative
appeal pursuant to 30 CFR 290.
QUANTITY OF CEMENT

250 cu. ft. (circulated)

1400 cu. ft. (circulated)

150 cu. ft. (top of liner)

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" casing 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 minutes. 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 with approx. 750 cu. ft. of 65/35/6 followed by approx. 100 cu. ft. of Class "B" cement. Cement the second stage with approx. 450 cu. ft. 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 minutes. Drill out with 6-1/4" bit to approx. 5875 ft. using natural gas as the circulating medium. Log the well. Run new 4-1/2" casing to TD and cement with approx. 150 cu. ft. 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 tubing to the Gallup zone. Run rod pump and rods. Set a pumping unit and tanks. Test the well and connect to a gathering system. The gas from this well has previously been dedicated to a transporter.

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

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

W. K. Cooper

TITLE Field Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

pr 7

NMCCG

OIL CON. DIV.

DIST. 3

DATE 10-10-1983

APPROVED

AS AMEND.

SEP 22 1983

R. Burdick
ASST. AREA MANAGER
FARMINGTON RESOURCE AREA

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

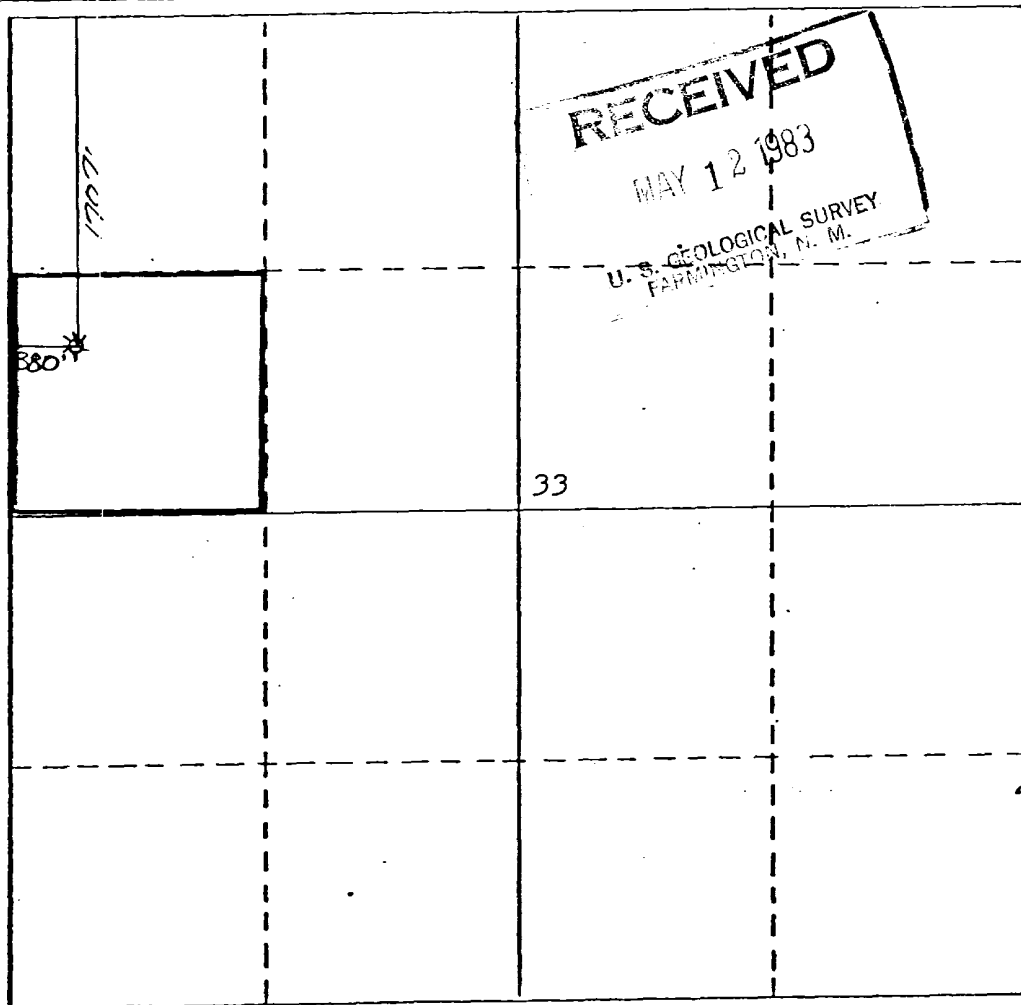
Operator UNION TEXAS PETROLEUM CORPORATION		Lease MANGUM		Well No. 12	
Unit Letter E	Section 33	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well:					
1707 feet from the NORTH line and		380 feet from the WEST line			
Ground Level Elev. 5531	Producing Formation GALUP	Pool UNDESIGNATED		Dedicated Acreage: SW 1/4 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



CERTIFICATION

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

Name
Rudy D. Votto

Position
Area Operations Manager

Company
Union Texas Petroleum Corp.

Date
April 4, 1983

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.

Date Surveyed

March 9, 1983

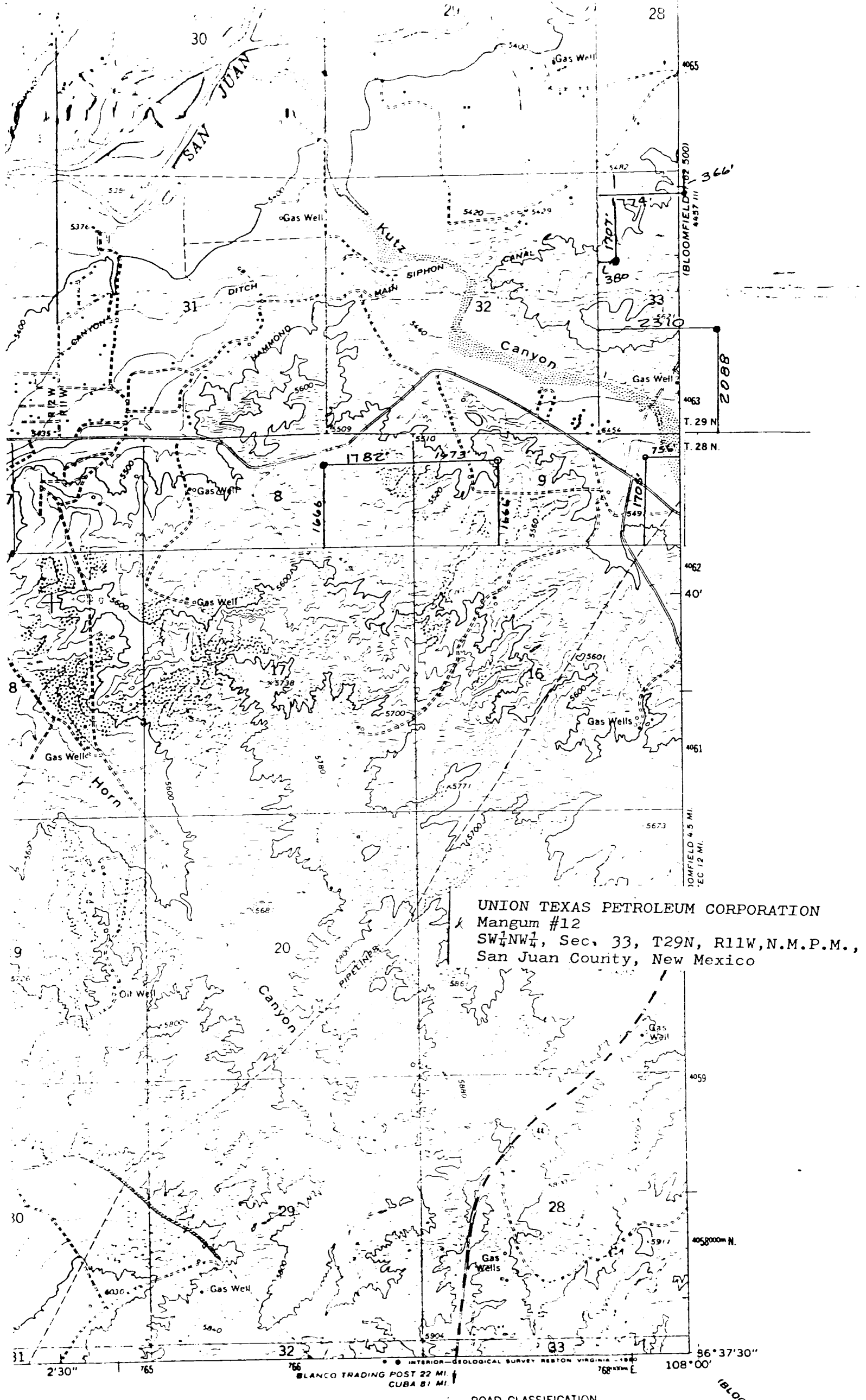
Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.

5992

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



UNION TEXAS PETROLEUM CORPORATION
Mangum #12
SW 1/4 NW 1/4, Sec. 33, T29N, R11W, N.M.P.M.,
San Juan County, New Mexico

INTERIOR GEOLOGICAL SURVEY RESTON VIRGINIA 1980
BLANCO TRADING POST 22 MI
CUBA 81 MI

ROAD CLASSIFICATION

BLOR