

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

Post Office Box 808, Farmington, New Mexico, 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
At surface: 860 ft. /North line and 570 ft. /East line.

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* FARMINGTON, N.M.

4 1/2 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)

570 ft.

570 ft.

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

366 ft.

16. NO. OF ACRES IN LEASE

2,284.3

19. PROPOSED DEPTH

5,960 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

NE NE 40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5,623 Gr.

22. APPROX. DATE WORK WILL START*

September 30, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4 K55	40.55	300 ft.	240 cu. ft. (Circulated)
9-7/8"	7-5/8 K55	26.40	5160 ft.	1440 cu. ft. (To base of surface)
6-3/4"	5-1/2 J55	15.50	4960' to 5960'	142 cu. ft. (To top of liner)

We desire to drill 13-3/4" surface hole to approx. 300 ft. using natural mud as the circulating medium. Run new 10-3/4" K55, 40.55# ST&C casing to TD. Cement with approx. 240 cu. ft. of Class "B" cement circulated to surface. WOC. Pressure test casing to 800 PSIG for 10 minutes. Drill out with 9-7/8" bit to approx. 5160 ft. using starch base, permaloid, non-dispersed mud as the circulating medium. Run new 7-5/8", 26.40#, K55, ST&C pipe to TD with a stage tool at approx. 2000 ft. Cement first stage with approx. 620 cu. ft. of 65/35/6 followed by approx. 90 cu. ft. of Class "B" cement. Cement second stage w/ approx. 640 cu. ft. of 65/35/12, followed by approx. 90 cu. ft. of Class "B" cement. WOC. Drill out DV tool. Test csg. to 1500# for 10 minutes. Drill out w/6-3/4" bit to approx. 5960 ft. using gas as a circulating medium. Log the well. Run new 5-1/2", 15.50#, K55, ST&C pipe to TD. Top of hanger at approx. 4960 ft. Cement with approx. 142 cu. ft. of 50-50 poz mix to cover the liner hanger. WOC. Perf and frac the Gallup zone. Clean the well up. Run new 2-3/8", EUE J55, 4.7# tbg. to the Gallup zone. Nipple down the well head, run rods and pump. Set pumping unit and tanks. Test well and connect well to a gathering system. This gas has previously been dedicated to a transporter.

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 September 6, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

NOV 02 1982

For JAMES F. SIMS
DISTRICT ENGINEER

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

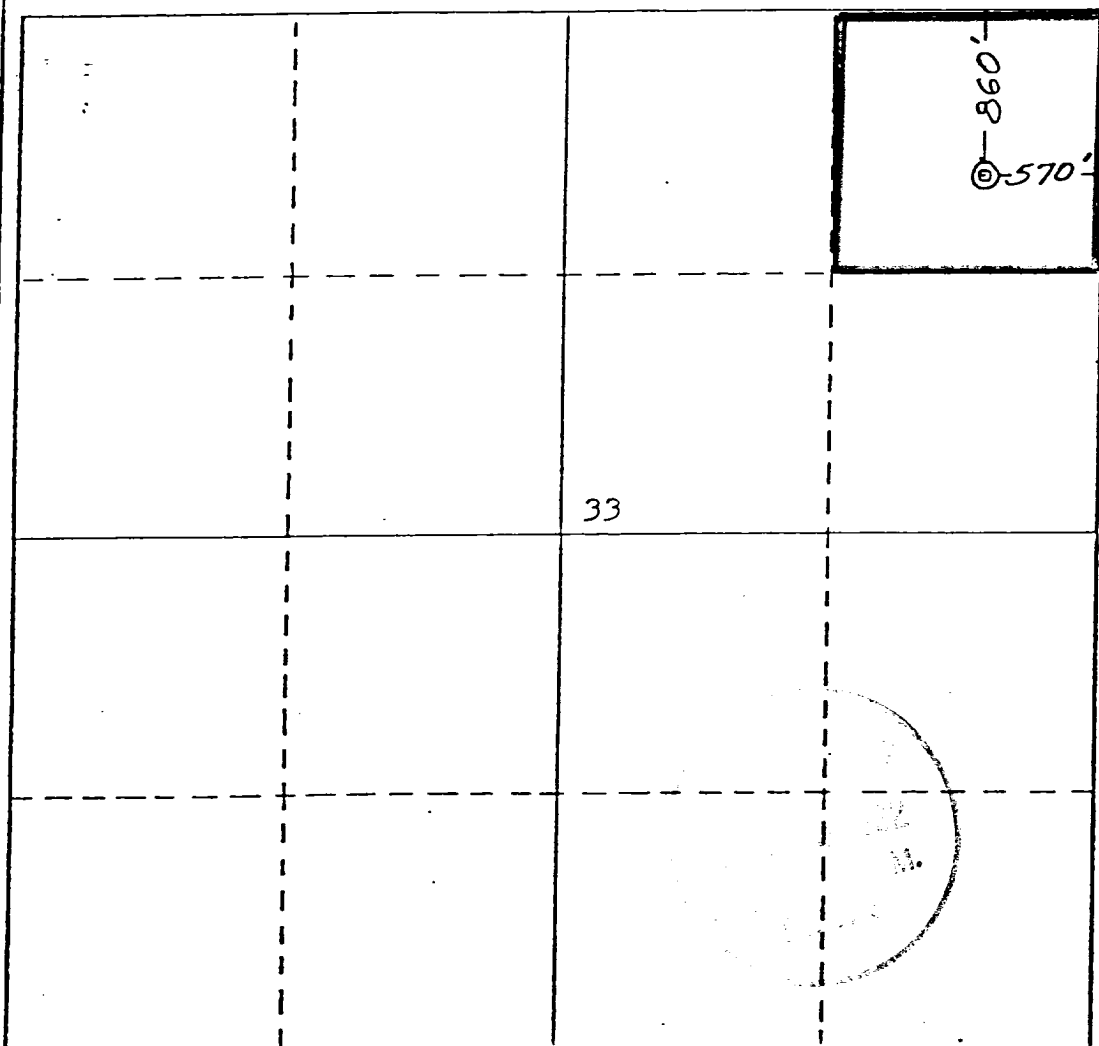
Operator UNION TEXAS PETROLEUM CORP.			Lease ZACHRY		Well No. 30
Unit Letter A	Section 33	Township 29 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 860 feet from the NORTH line and 570 feet from the EAST line					
Ground Level Elev. 5623	Producing Formation GALLUP		Pool Armenta		Dedicated Acreage: NE/NE 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.

Andy R. Nett
Name
Area Operations Manager
Position
Union Texas Petroleum
Company
August 4, 1982
Date

I hereby certify that the 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 the only correct one to the best of my knowledge and belief.

Date Surveyed
July 29, 1982
Registered Professional Engineer
and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.

1463