

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 Oil and Gas

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

1680 ft./South line and 850 ft./East 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)

850 ft.

850 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

1894.08

19. PROPOSED DEPTH

6573

17. NO. OF ACRES ASSIGNED
TO THIS WELL

342 5320.00 NE SE 40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5838 Gr.

22. APPROX. DATE WORK WILL START*

November 22, 1982

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	500 ft.	354 cu. ft. (Circulated)
12-1/4	New 9-5/8"	36.00 K55	4000 ft.	1452 cu. ft. (To base of the surface)
8-1/2	New 7"	23.00 K55	3850' to 6573'	463 cu. ft. (Top of the liner)

We desire to drill surface hole to T.D. using natural mud as the circulating medium. Run pipe to T.D. and cement with Class "B" cement. W.O.C. Pressure test the casing to 800 PSIG for 10 minutes. Drill to intermediate T.D. using a starch base, non-dispersed, permaloid mud as the circulating medium. Log the well. Run pipe to T.D. with a D.V. tool at approx. 2050 ft. Cement 1st stage w/approx. 902 cu. ft. of Howco Lite w/5% Gilsonite/sack. Cement 2nd stage w/approx. 200 cu. ft. of Howco Lite followed by approx. 350 cu. ft. of Class "B" with 2% CaCl₂. W.O.C. Drill out D.V. tool. Pressure test the casing to 1500 PSIG for 10 minutes. Drill to 6573 ft. using natural gas as the circulating medium. Log the well. Run liner to T.D. with a hanger at approx. 3850 ft. Cement w/approx. 463 cu. ft. of 50-50 Poz mix w/2% gel. W.O.C. Pressure test the casing. Perf and frac the Dakota. Set a bridge plug above the Dakota. Perf and frac the Gallup and clean the zone up. Remove the bridge plug. Clean the Gallup zone up. Run 2-3/8", 4.7#, EUE, J55 tbg. with a production packer and set above the Dakota zone. Run 2-3/8", 4.7#, EUE, J55 tbg. and land in the Gallup zone. Nipple down the well head. Run pump and rods in the Gallup tbg. Set pumping unit, separator and tanks. Test the packer for leakage. Test each zone. Connect the well to a gathering system. (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.

24.

SIGNED

RUDY D. MOTTO

TITLE Field Operations Manager

DATE October 29, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NOV 30 1982
OIL CON. DIV.
DIST. 3APPROVED
AS AMENDED
DATE

NOV 29 1982

JAMES F. 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.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-398

This gas has previously been dedicated to a transporter.

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

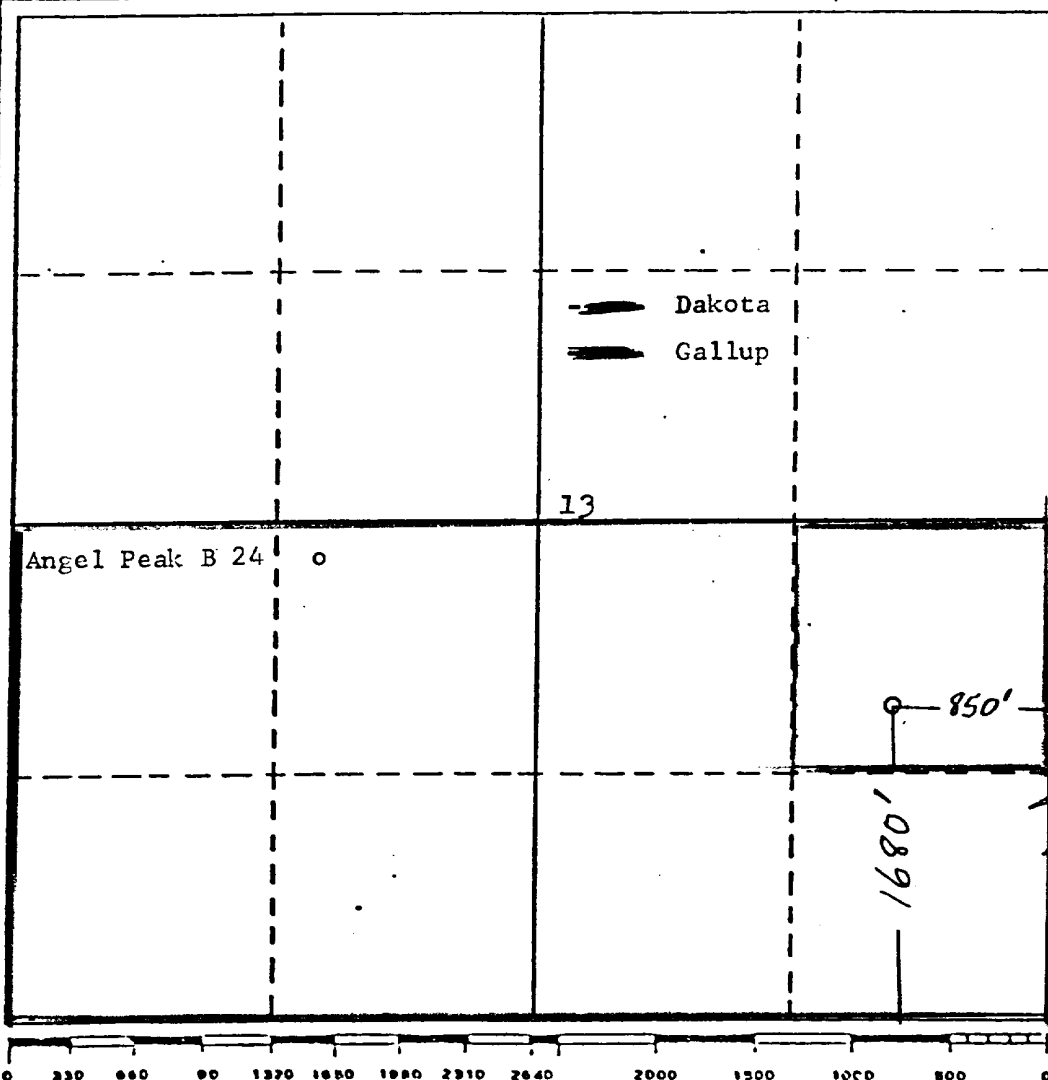
Operator UNION TEXAS PETROLEUM CORPORATION			Lease ANGEL PEAK "B"		Well No. 24-E
Unit Letter I	Section 13	Township 28 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1680 feet from the SOUTH line and 850 feet from the EAST line					
Ground Level Elev. 5838	Producing Formation GALLUP-DAKOTA		Pool <u>Under</u> WILDCAT - BASIN		Dedicated Acres: NE SE 1/4 40.00 S/2 320.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Communitized Fed. Com. AGR - SW-39

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. Mott

Position

Field Operations Manager

Company

Union Texas Petroleum

Date

October 20, 1982

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

October 20, 1982

Registered Professional Engineer
and/or Land Surveyor

Michael Daly

Certificate No.

5992

GEOLOGICAL SURVEY

