

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
ZONES ☒

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

PO Box 808, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1750 ft./North line and 1650 ft./West line

At proposed prod. zone

same as above

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

2-1/2 miles southeast of Bloomfield, New Mexico 87413

10. DISTANCE FROM PROPOSED*

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

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

6586 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N 1/2 320.00 and SENW 40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5822 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
12-1/4	NEW 9-5/8"	40.50 H40	300 ft.	354 cu.ft. (circulated)
8-3/4	NEW 7"	23.00 K55	6586 ft.	3 stage 500 + 560 + 748 cu.ft.

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. Test casing to 800 PSIG for 15 minutes. Drill to T.D. using a starch base, permaloid, non dispersed mud as the circulating medium. Log the well. Run pipe to T.D. with D.V. tools at approximately 2075 ft. and at 4700 ft. after logging the well. Cement in 3 stages as follows. 500 cu. ft. of 50-50 poz mix with 2% Gel and 10# salt/sack. 2nd stage 385 cu. ft. of 50-50 poz mix with 2% Gel followed by approximately 175 cu. ft. of class "B" cement w/2% CaCl. 3rd stage approximately 630 cu. ft. of 65/35/6 followed by approximately 118 cu. ft. of Class "B" cement. W.O.C. Drill out D.V. tools. Pressure test the casing to 1500 PSIG for 15 minutes. Perf & frac the Dakota zone. Set a bridge plug above the Dakota zone. Perf and frac the Gallup zone. Clean the Gallup up. Remove the bridge plug. Clean the Dakota zone up. Run new 2-3/8", 4.7#, J55, EUE tubing with a production packer to be set above the Dakota zone. Run a second string of 2-3/8", 4.7#, J55, EUE tubing to be landed in the Gallup zone. Nipple down the well head. Run rods and pump in the Gallup tubing. Set pumping unit, separator and tanks. Test the well. Connect 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. Netto

TITLE Field Operations Manager

DATE 10-26-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DEC 1 1982
OIL CO. OF N.M.
DIST. 3APPROVED
AS AMENDED
DATEDEC 03 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-711-396

The gas from this well has previously been delivered to the transporter.

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

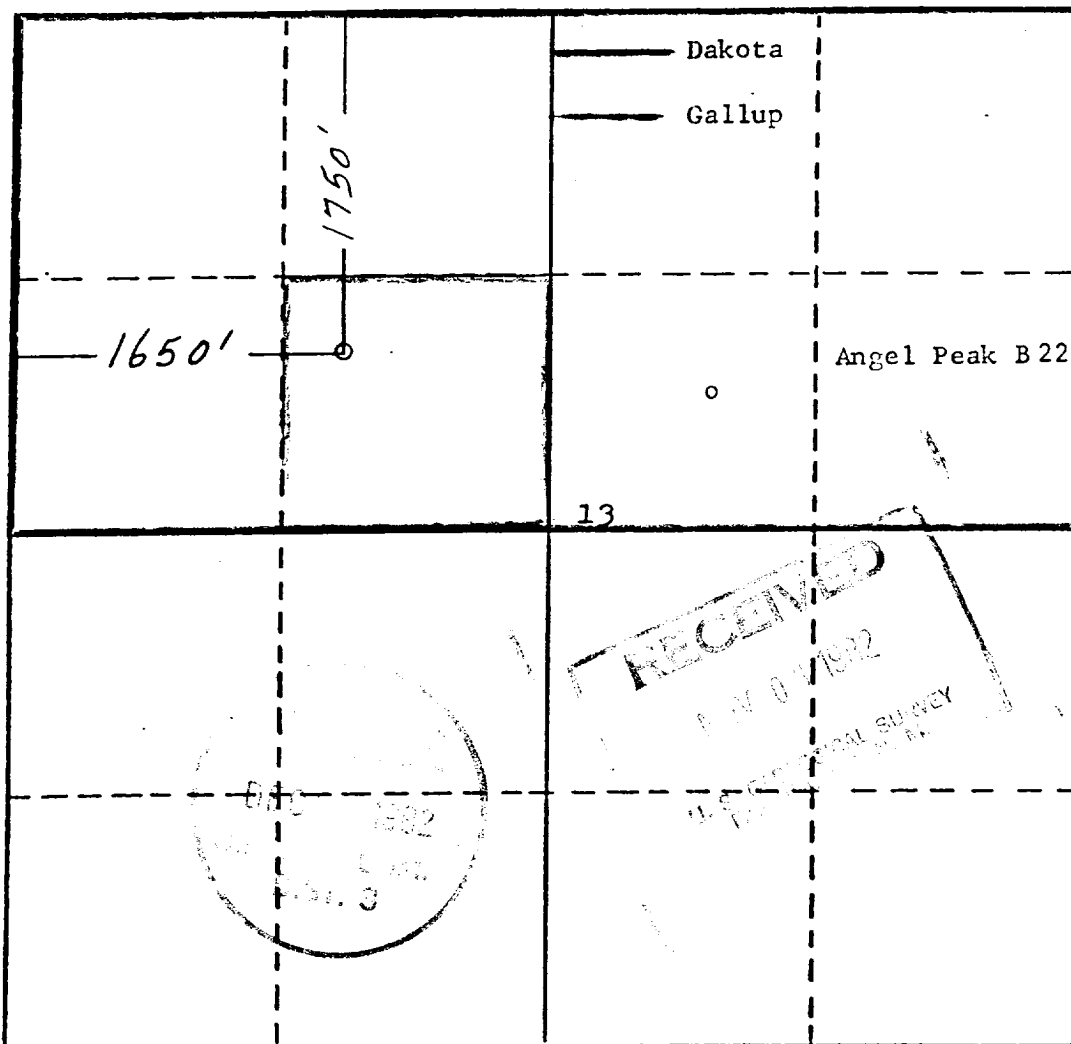
Operator UNION TEXAS PETROLEUM CORPORATION			Lease ANGEL PEAK "B"		Well No. 22-E
Unit Letter F	Section 13	Township 28 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well:					
1750 feet from the NORTH		line and	1650	feet from the WEST	line
Ground Level Elev. 5822	Producing Formation GALLUP-DAKOTA	Pool <u>Undes</u> WILDCAT - BASIN		Dedicated Acreage: N72 320 SENW/4 40.00 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-21

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.

Rudy D. Motto
Name

Rudy D. Motto

Position
Field Operations Manager

Company
Union Texas Petroleum

Date
October 21, 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.

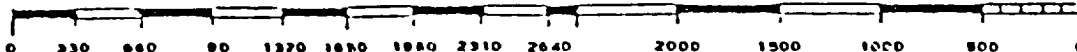
Michael Daly
Date Surveyed

October 21, 1982

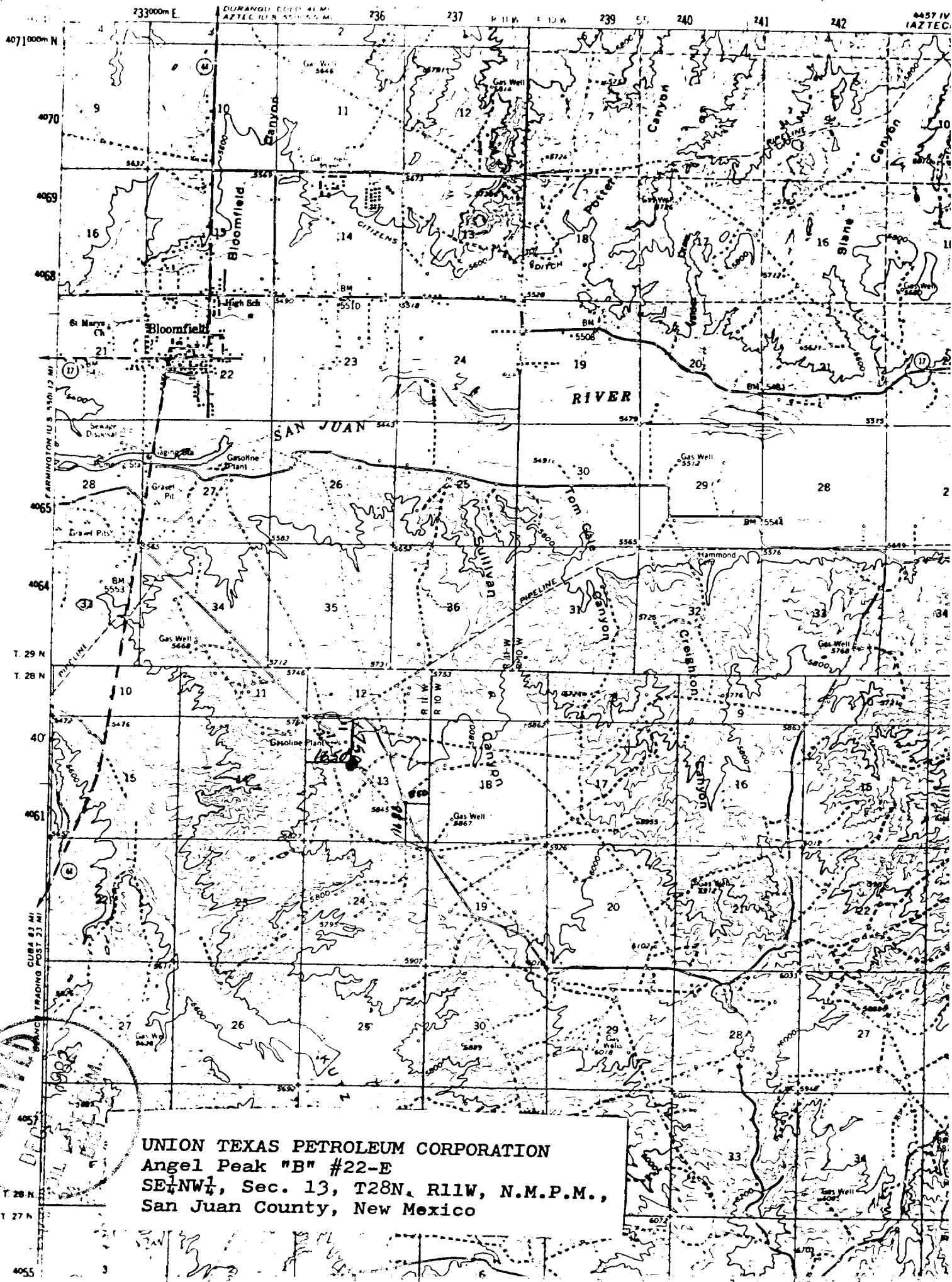
Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.
5992



GEOLOGICAL SURVEY



UNION TEXAS PETROLEUM CORPORATION
 Angel Peak "B" #22-E
 SE1/4NW1/4, Sec. 13, T28N, R11W, N.M.P.M.,
 San Juan County, New Mexico