

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

1946 ft./South line and 1762 ft./West

At proposed prod. zone

Same as above

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

6 miles East of Bloomfield, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

626 ft.

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

442 ft.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

239 ft.

16. NO. OF ACRES IN

598.60

19. PROPOSED DEPTH

6147'

17. NO. OF ACRES ASSIGNED

40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5651' GR

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS" AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

April 28, 1983

23.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	APPROX. VOLUME OF CEMENT
13-3/4"	9-5/8"	36.0# K-55	300'	250 cu. ft. (circulated)
8-3/4"	7"	26.0# K-55	5400'	1400 cu. ft. (circulated)
6-1/4"	4-1/2"	11.6# K-55	5200 - 6147'	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. 5400 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. 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 minutes. Drill out with 6-1/4" bit to approx. 6147 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. of 50/50 Poz mix. W.O.C. 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. Install a pipeline from the wellhead to the previously approved Albright Gathering System. The pipeline to be built to the attached drawings and to the code of Federal Regulations Title 49, Part 192. The underground pipe (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


W. K. COOPER

TITLE Field Operations Manager

DATE March 23, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

MAY 13 1983

JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

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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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 log.

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

Owner UNION TEXAS PETROLEUM CORPORATION			Lease ALBRIGHT		Well No. 9
Section 22	Township 29 NORTH	Range 10 WEST	County SAN JUAN		

Well Footage Location of Well:
 1946 feet from the **SOUTH** line and 1762 feet from the **WEST** line

Well Level Elev. 551	Producing Formation Gallup	Pool Undesignated	Dedicated Acreage NE SW 40.00	Acre
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Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

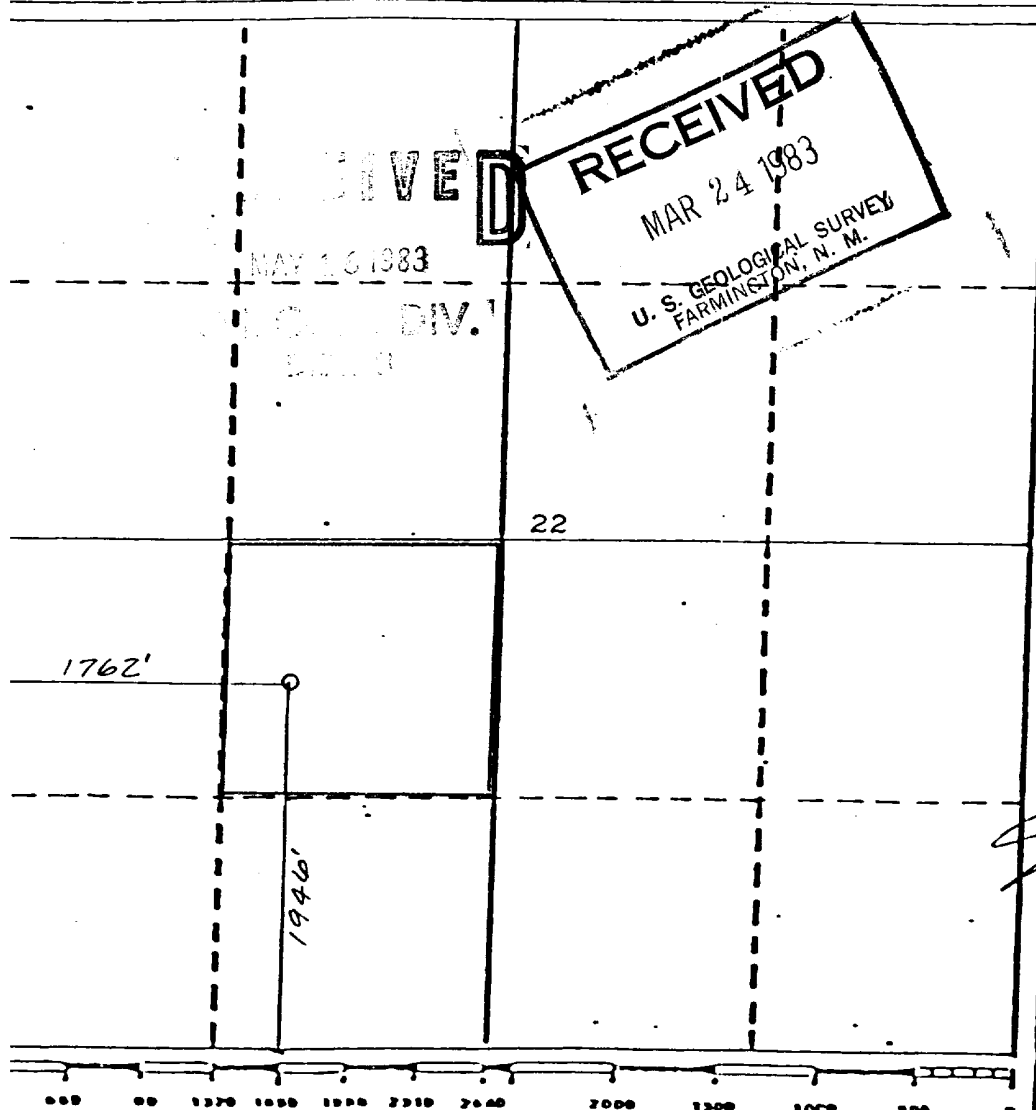
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Rudy D. Motto

Name

Rudy D. Motto

Position

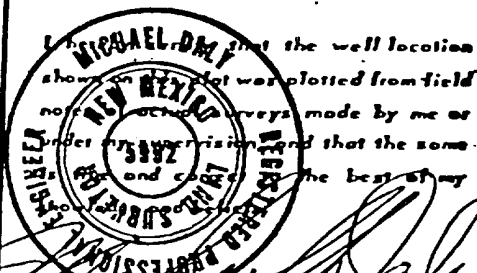
Area Operations Manager

Company

Union Texas Petroleum Corp.

Date

January 20, 1983



Date Surveyed

December 29, 1982

Registered Professional Engineer
and/or Land Surveyor

Michael Daly

Certificate No.

5992

UNION TEXAS PETROLEUM CORPORATION

ALBRIGHT NO. 9

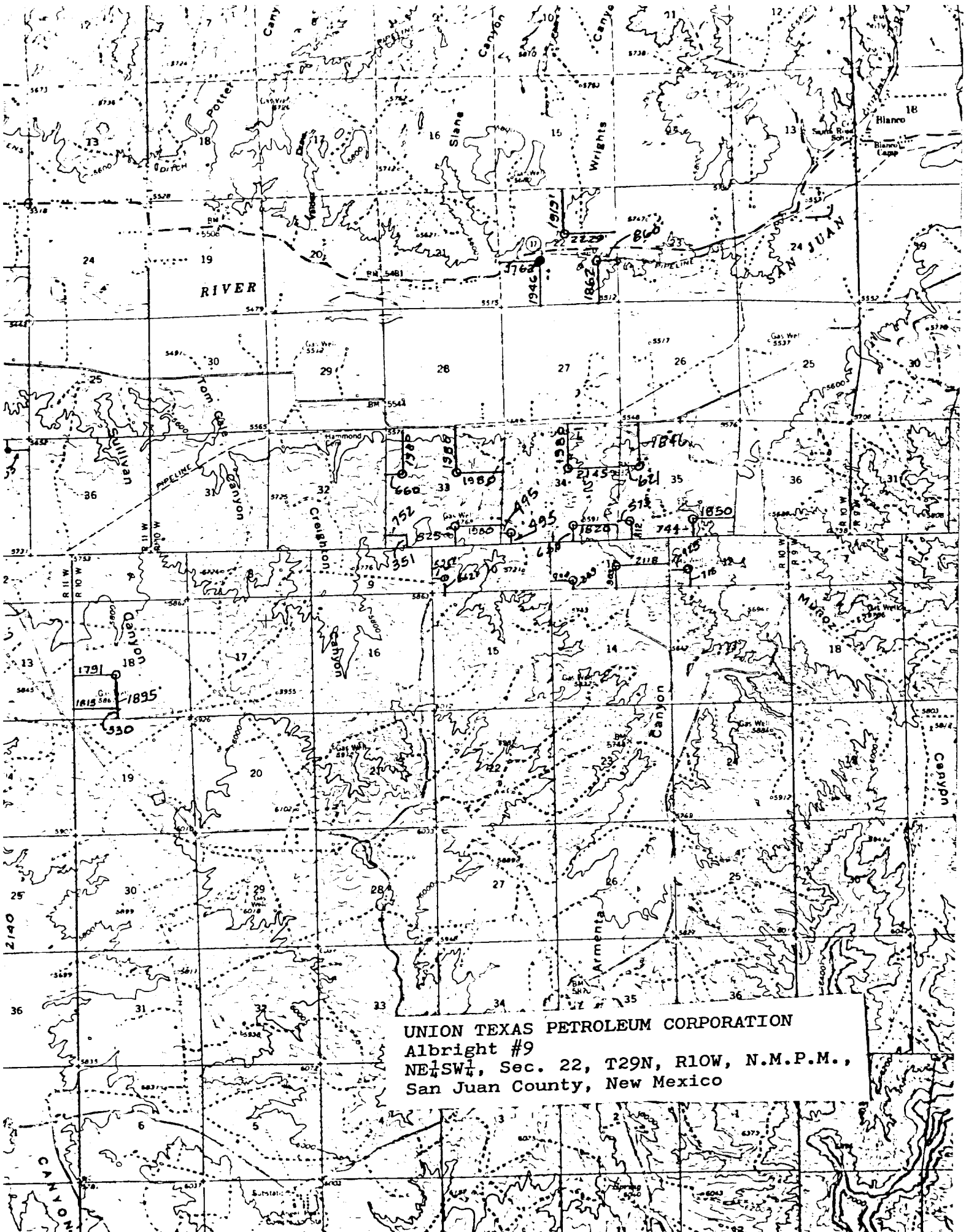
1. The geologic name of the surface formation is "Wasatch".
2. The estimated tops of important geologic markers are:

A. Top of the Ojo Alamo	787	ft.
B. Kirtland	978	ft.
C. Fruitland	1737	ft.
D. Pictured Cliffs	1992	ft.
E. Chacra	2967	ft.
F. Cliff House	3627	ft.
G. Point Lookout	4275	ft.
H. Gallup	5497	ft.
3. The estimated depths at which anticipated water, oil or other mineral bearing formations are expected to be encountered are:

A. Top of the Ojo Alamo	787	ft.	Water
B. Kirtland	978	ft.	Water
C. Fruitland	1737	ft.	Water
D. Pictured Cliffs	1992	ft.	Gas
E. Chacra	2967	ft.	Gas
F. Cliff House	3627	ft.	Water
G. Point Lookout	4275	ft.	Gas
H. Gallup	5497	ft.	Oil & Gas
4. The casing program is shown on form 9-331C and all casing is new.
5. The lessee's pressure control equipment schematics are attached, along with minimum specifications, testing procedures, and frequencies.
6. The type, estimated volumes, and characteristics of the circulating medium are as follows:

A. 0 - 300 +	ft.	Natural Mud
B. 300 + - 5400 +	ft.	Permaloid non-dispersed mud containing approx. 150 sx. gel, 60 sx. of permaloid and 15 sx. of CMC.
C. 5400 + - 6147 +	ft.	Natural Gas
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.
8. The well is in an area which is partially developed; therefore, we will not have a testing and coring program. The logging program is as follows:

A. G.R. - DIFL
B. GR - CAL
C. F.D.C.- C.N.L.
D. SNL
E. Temperature
9. We do not expect to find any abnormal pressures, temperatures or hydrogen sulfide problems in this partially developed area.
10. The anticipated starting date for this well is: April 28, 1983



UNION TEXAS PETROLEUM CORPORATION
Albright #9
NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, T29N, R10W, N.M.P.M.,
San Juan County, New Mexico