

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY36-645-22986
5. LEASE DESIGNATION AND SERIAL NO.
SF 078439
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. UNIT AGREEMENT NAME

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

8. FARM OR LEASE NAME

Johnston-Federal

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 7-T31N-R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

2. NAME OF OPERATOR

Union Texas Petroleum, A Division of Allied Chemical Corporation

3. ADDRESS OF OPERATOR

Suite 1010, 1860 Lincoln Street, Denver, Colorado 80295

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

At surface

SW (1190' FSL, 905' FWL)

At proposed prod. zone
Same

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

12 miles northeast of Aztec, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

16. NO. OF ACRES IN LEASE

2446

17. NO. OF ACRES ASSIGNED
TO THIS WELL

209.5

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

3600

20. ROTARY OR CABLE TOOLS

Rotary

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

6619 GL

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24	290	200 sx
7-7/8	5-1/2	14	2600	475 sx

Plan to drill well as follows:

1. MIRU rotary tools, drill 12-1/4" hole to 290'.
 2. Set 8-5/8" OD, 24#/ft. K-55 ST&C new casing and cement with sufficient cement to circulate to surface (200 sx).
 3. Drill out with 7-7/8" bit to 3600'; log hole.
 4. Set 5-1/2" OD 14# K-55 ST&C new casing at 3600' and cement to surface.
 5. Perforate through casing to complete in Pictured Cliffs.
 6. Stimulate if necessary, and run production tubing.
 7. Clean up well site.
 8. Approximately 8 days will be required to drill this well.
 9. Gas is dedicated to El Paso Natural Gas Company.
 10. Surface formation is Ojo Alamo.
- (Continued on other side.)

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

TITLE Asst. District Prod. Mgr.

DATE April 6, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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 : 1962-O-711-360

Item 23 - Continued:

11. Top of Pictured Cliffs anticipated at 3420'.

12. Mud Program:	0 - 290	Spud mud
	290 - 3000	Clear water (8.4 to 8.8#/gal.)
	3000 - 3600	Gelled water (8.6 to 9.3#/gal., viscosity 27 - 29)

13. No cores or drill stem tests are anticipated.

14. Logs to be run:

Compensated Formation Density
Sidewall Neutron
Induction
Gamma Ray
Caliper
Deviation (single shot)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator UNION TEXAS PETROLEUM		Lease JOHNSTON FEDERAL		Well No 11
Unit Letter N H	Section 7	Township 31 NORTH	Range 9 WEST	County SAN JUAN
Actual Footage Location of Well: 1190 feet from the SOUTH line and 905 feet from the WEST line				
Ground Level Elev. 6619	Producing Formation PICTURED CLIFFS		Pool BLANCO PICTURED CLIFFS	Dedicated Acreage: 209.5 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 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 Commission.

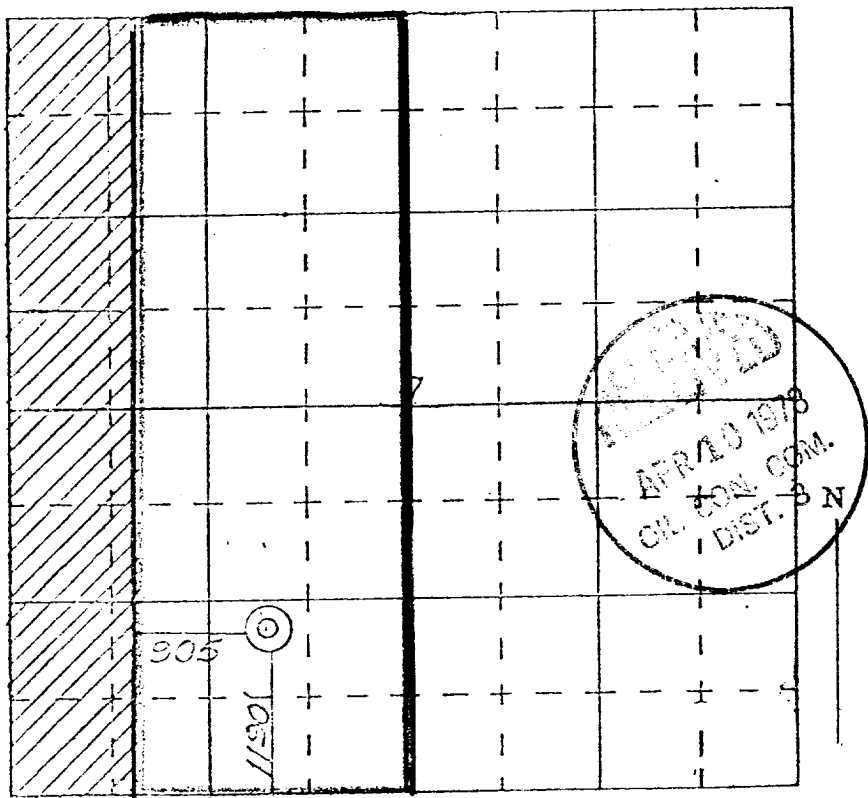
CERTIFICATION

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

[Signature]
 Name _____
 Asst. District Prod. Manager
 Position _____
 Union Texas Petroleum
 Company _____
 April 6, 1978
 Date _____

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.

29 March, 1978
 Date Surveyed _____
[Signature]
 Registered Professional Engineer
 and/or Land Surveyor



SCALE—4 INCHES EQUALS 1 MILE



DIRECTOR
JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410
LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

April 13, 1978

Mr. Donald Wells
Union Texas Petroleum
Suite 1010
1860 Lincoln Street
Denver, Colorado 80295

Re: Union Texas Petroleum
Johnston-Federal #11
N-7-31N-9W

Dear Don:

Due to the shape and size of section 7 it will be necessary for you to apply to our Santa Fe office for approval for a nonstandard drill tract for the subject well. (*Rule 104*)

The hole may be drilled while the paperwork is being done.

If there are questions, Please call.

Yours very truly,

AK
A. R. Kendrick
Supervisor, District #3

ARK:mc