

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, A Div. of Allied Chemical Corp.

3. ADDRESS OF OPERATOR

1860 Lincoln #1010, Denver, Colorado 80295

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

SE SW Sec.7-T31N-R9W (1190FSL, 905FWL)
At proposed prod. zone

S A M E

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

PBSD 2900

20. ROTARY OR CABLE TOOLS

Rotary

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

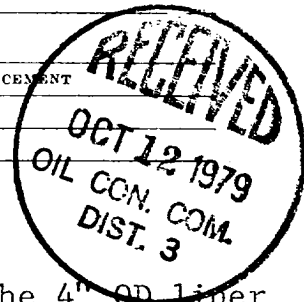
6619 GL

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

* Well bore diagram attached



Well was drilled in August 1978 for Pictured Cliffs zone. The 4" OD liner apparently collapsed. 2-3/8 tubing was stuck from 2920 to 3465 bridged in with coal. Cement retainer has been set at 2900'.

It is proposed to: * AS AMENDED

- 1) Squeeze off bottom portion of hole thru cement retainer at 2900' (if bottom of hole will take fluid).
- 2) Perforate and treat (if deemed necessary) several intervals in the Nacimiento from 1700' to 2700'. Intervals to be tested include:

(continued on back)

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

C. W. CLAXTON

TITLE Dist. Petroleum Engineer

Sept. 28, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVED *

APPROVAL DATE

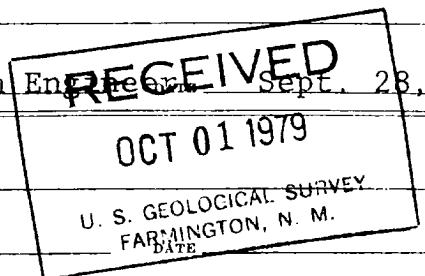
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OCT 10 1979

DAVID MALDONADO
DISTRICT OIL & GAS SUPERVISOR

*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.

2) (continued)

* GPO 782-931

2580 - 2655; 2445 - 2480; 2265 - 2375; 1735 - 1755.

- 3) Intervals will be tested separately by separating them with packers , to determine if completion is economically feasible.
- 4) After testing, the well will either be properly plugged and abandoned, or we will file the proper forms so that the well may be produced.
- 5) The well will be topped with a 2 section 3000# BOP stack while the workover is in progress.

UNION TEXAS PETROLEUM

WELL NAME: JOHNSTON FEDERAL # 11
LOCATION: SE-SW-SEC 7-T 31N-R 9W
DATE: 9/28/79 FIELD: _____ CURRENT PROD.: SI
DATE SPUDDED: 8/14/78 DATE COMPLETED: -

PERMANENT DATUM 6619 GL; LOG MEASUREMENTS
FROM KB, 12' ABOVE PERMANENT DATUM

8 5/8" 32 # CSG. SET AT 334' CMT. / 200 SX.
HOLE SIZE 12 1/4" TOP OF CMT. AT circulated

CEMENT RETAINER AT 2900

TOP 2 3/8 TUBING 2920'

TOP LINER - 2979

5 1/2" 14 # CSG. SET AT 3141' CMT. / 550 SX.
HOLE SIZE 7 7/8" TOP OF CMT. AT _____

HOLE & TUBING BRIDGED SHUT WITH COAL
THAT ENTERED THRU HOLES IN LINER

HOLES OR
HAPSED LINER
217-3248

BOTTOM 2 3/8 TUBING 3465

PBTD. _____

4" 11 # LINER SET AT 3597' CMT. / 250 SX.
HOLE SIZE 4 3/4" TOP OF LINER 2979'
TOTAL DEPTH 3616'

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

APPLICATION FOR PERMIT TO PLUG BACK

The application is approved subject to establishing a pump in rate through the cement retainer and squeezing with sufficient cement to cover the perforations. In addition, one hundred feet of cement should be left on top of the retainer.

If the hole below the cement retainer will not take fluid it will be necessary to clean out the hole to 3200 feet and place a cement plug from 3200 feet to 2800 feet.

Contact this office or one of the following field personnel in sufficient time to witness the initial pump in test and cementing operations.

Ray Swanson - 325-8189
Ken Baker - 327-2170
Fred Edwards - 325-7885

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SF 078439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Union Texas Petroleum A Division of Allied Chemical Corporation	8. FARM OR LEASE NAME Johnston-Federal
3. ADDRESS OF OPERATOR Suite 1010, 1860 Lincoln Street, Denver, Colorado 80295	9. WELL NO. 11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE SW Section 7-T31N-R9W (1190' FSL, 905' FWL)	10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs Field
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, G2, etc.) 6619 GL
12. COUNTY OR PARISH San Juan	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Completion operations(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-31-78 through 9-11-78

MIRU Flint pulling unit and nipped up BOP. Ran in hole with tubing and bit, and found hole bridged with coal at 2966'. Cleaned out coal to 3585 ft. with well making some gas. Ran temperature survey and found holes in 4" liner at 3216', 3273' and 3296'. Attempted to clean out and cement squeeze but could not keep hole clean. On final trip in hole, coal bridged and stuck tubing in hole. Worked tubing for two days but could not get free. Shot tubing off at 2920' leaving fish in hole from 2920-3465'. Perforated tubing from 3190' to 3298' with 10 holes, and shut well in.

9-23-78

Attempted to run potential test but tubing filled with coal and shut off gas. Well shut in pending further evaluation.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Asst. District Prod. Manager DATE 10-9-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: