

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25606

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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 ☐

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 808, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)

At surface

495' FNL & 740' FEL

At proposed prod. zone

Same as above

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

3 Miles South of Bloomfield

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DISTANCE FROM PROPOSED*

495 ft.

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

495 ft.

18. DISTANCE FROM PROPOSED LOCATION*

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

299'

16. NO. OF ACRES IN LEASE

160.00

19. PROPOSED DEPTH

5531 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5520 ft. (GR)

22. APPROX. DATE WORK WILL START*

December 1, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8" K55	40.00	300 ft.	190 cu. ft. (Circulated)
8-3/4"	7" K55	23.00	5100 ft.	1155 cu. ft. (Circulated)
6-1/8"	4-1/2" K55	10.50	5760 ft.	110 cu. ft. (Top of Liner)

We desire to drill 12-1/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. run new 9-5/8" casing to T.D. Cement with approx. 190 cu. ft. of Class "B" cement circulated to the surface. Pressure test the casing. Drill 8-3/4" hole with a permaloid, no dispersed mud as the circulating medium to 5100 ft. Log the well. Run new 7" casing to T.D. with a DV tool set at 1600 ft. Cement 1st stage w/approx. 677 cu. ft. 65/35/6 followed by 11 cu. ft. Class "B" w/2% CaCl. Cement second stage w/approx. 243 cu. ft. 65/35/12 followed by 118 cu. ft. Class "B" w/2% CaCl circulated to surface. Drill out the DV tool and pressure test the casing. Drill out w/6-1/8" bit to T.D. at approx. 5760 ft. using natural gas as the circulating medium. Log the well. Run new 4-1/2" casing to T.D. and cement w/approx. 114 cu. ft. 50/50 poz. Perforate and fracture the Gallup zone. Clean the well up. Run new 2-3/8" E.U.E., 4.7#, J55 tubing to the Gallup zone. Run rod pump and rods. Set a pumping unit and tanks. Test the well and connect to a gathering system.

The gas from this well has previously been dedicated to a transporter.

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

WILLIAM K. COOPER

TITLE Field Operations Manager

DATE 12/6/1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

NMOCC

This action is subject to administrative
appeal pursuant to 30 CFR 290.

APPROVED
AS AMENDED

MAR 01 1983

JAMES F. SIMS
DISTRICT ENGINEER

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

Operator UNION TEXAS PETROLEUM CORPORATION			Lease EATON FEDERAL		Well No. 2
Unit Letter A	Section 15	Township 28 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 495 feet from the NORTH line and 740 feet from the EAST line					
Ground Level Elev. 5520	Producing Formation GALLUP	Pool WILDCAT		Dedicated Acreage NE NE 40 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 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.

RECEIVED DEC 10 1982 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.		15
RECEIVED MAR 1 1983 OIL CON. DIV. DIST. 8		

CERTIFICATION

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

Name

Rudy D. Motto

Position

Area Field Manager

Company

Union Texas Petroleum Corp.

Date

11-3-82

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 29, 1982

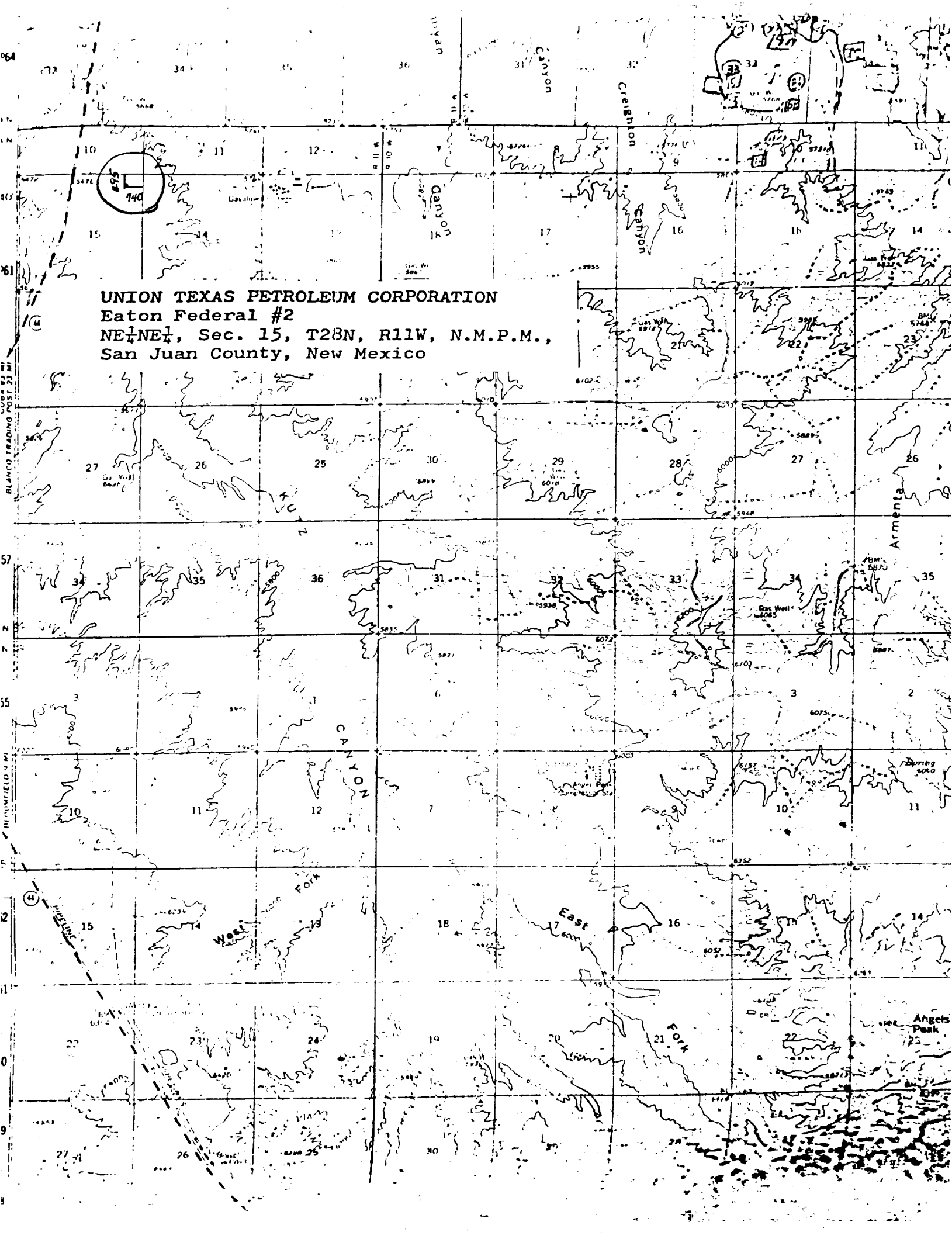
Registered Professional Engineer
and/or Land Surveyor

Michael Daly

Certificate No.

5992

UNION TEXAS PETROLEUM CORPORATION
Eaton Federal #2
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T28N, R11W, N.M.P.M.,
San Juan County, New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
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. See space 17 below.)
AT SURFACE: 495 ft./N; 740 ft./E lines
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
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☐
☐
☐
☐
☐
☐

(other) Drilled to TD and cased.

5. LEASE

SF 044535-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Eaton Federal

9. WELL NO.

2

10. FIELD OR WILDCAT NAME

Undesignated Gallup

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

Sec. 15, T-28N, R-11W, N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. APN NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5532 R.K.B.

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MAY 5 1983
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FARMINGTON, N.M.

RECEIVED
OIL CON. DIV.
DIST. 3

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

1. Spudded 13-3/4" hole at 12:45 P.M., 4-9-83.
2. Drilled 13-3/4" surface hole to a total depth of 317' R.K.B.
3. Ran 7 joints 9-5/8", 36.0#, K-55 casing and set at 311' R.K.B.
4. Cemented with 313 cu. ft. Class "B" w/3% CaCl₂ and 1/4# Flocele per sack. Plug down at 11:30 P.M., 4-9-83. Circulated approx. 10 bbls. to surface.
5. Wait on cement 11-3/4 hours.
6. Pressure test casing to 1000 PSI.
7. Drilled 8-3/4" hole with mud to intermediate total depth of 5070' R.K.B.
8. Logged well.
9. Ran 114 joints 7", 23.0#, K-55 casing from surface to 5070' R.K.B. with DV tool at 1849' R.K.B.

(over)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED W.K. Cooper TITLE Field Oper. Mgr. DATE May 2, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

MAY 11 1983

FARMINGTON DISTRICT

BY AK

NMOCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1981 O - 347-166

10. Cemented first stage with 691 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilsomite and 1/4# Flocele per sack followed by 118 cu. ft. Class "B" w/2% CaCl₂. Cemented second stage with 480 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilsomite and 1/4# Flocele per sack followed by 118 cu. ft. Class "B" w/2% CaCl₂. Plug down at 4:15 A.M., 4-17-83. Circulated cement to surface.
11. Wait on cement 12 hours.
12. Pressure test casing to 1500 PSI.
13. Drilled 6-1/4" hole to total depth of 5850' R.K.B.
14. Logged well.
15. Ran 23 joints 4-1/2", 11.6#, K-55 casing as liner. Bottom set at 5840' R.K.B., top at 4854' R.K.B., float collar at 5796' R.K.B.
16. Cemented with 200 cu. ft. 50-50 Poz w/2% gel, 0.6% FLA, 1/4# Flocele and 10# salt per sack. Plug did not bump. Released rig at 12:00 noon, 4-21-83.