

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25611

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒RECEIVED
MAR 2 - 1983
OIL CON. DIV.
DIST. 3DEEPEN ☐ 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 87409

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

At surface 812 ft./South line and 573 ft./West line

At proposed prod. zone

Same as above

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

7 miles Southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 573 ft.

1828 ft.

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

413 ft.

16. NO. OF ACRES IN LEASE

2284.30

19. PROPOSED DEPTH

6180'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40.00

20. ROTARY OR CABLE TOOLS

Rotary

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

5717 GR

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

23. PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

February 15, 1983

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36.0 K-55	300	250 cu. ft.
8-3/4"	7"	23.0 K-55	5350	1400 cu. ft.
6-1/4"	4-1/2"	10.5 K-55	5150-6180'	150 cu. ft.

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" csg. 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 min. Drill 8-3/4" hole to approx. 5350 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 w/approx. 750 cu. ft. of 65/35/6 followed by approx. 100 cu. ft. of Class "B" cement. Cement the second stage w/approx. 450 cu. ft. of 65/35/12 followed by approx. 100 cu. ft. of Class "B". Circ. cement to surface. Drill out the DV tool. Pressure test the pipe to 1500 PISG for 10 min. Drill out w/6-1/4" bit to approx. 6180' using natural gas as the circulating medium. Log the well. Run new 4-1/2" casing to TD and cement w/approx. 150 cu. ft. of 50/50 Poz mix. WOC. Perforate and fracture the Gallup zone. Clean the well up. Run new 2-3/8" EUE, 4/7#, J-55 tbg. 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.

NOTE: Actual cement volumes will be calculated from caliper log.

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 Mgr.

DATE 2-1-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

FEB 28 1983

JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

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

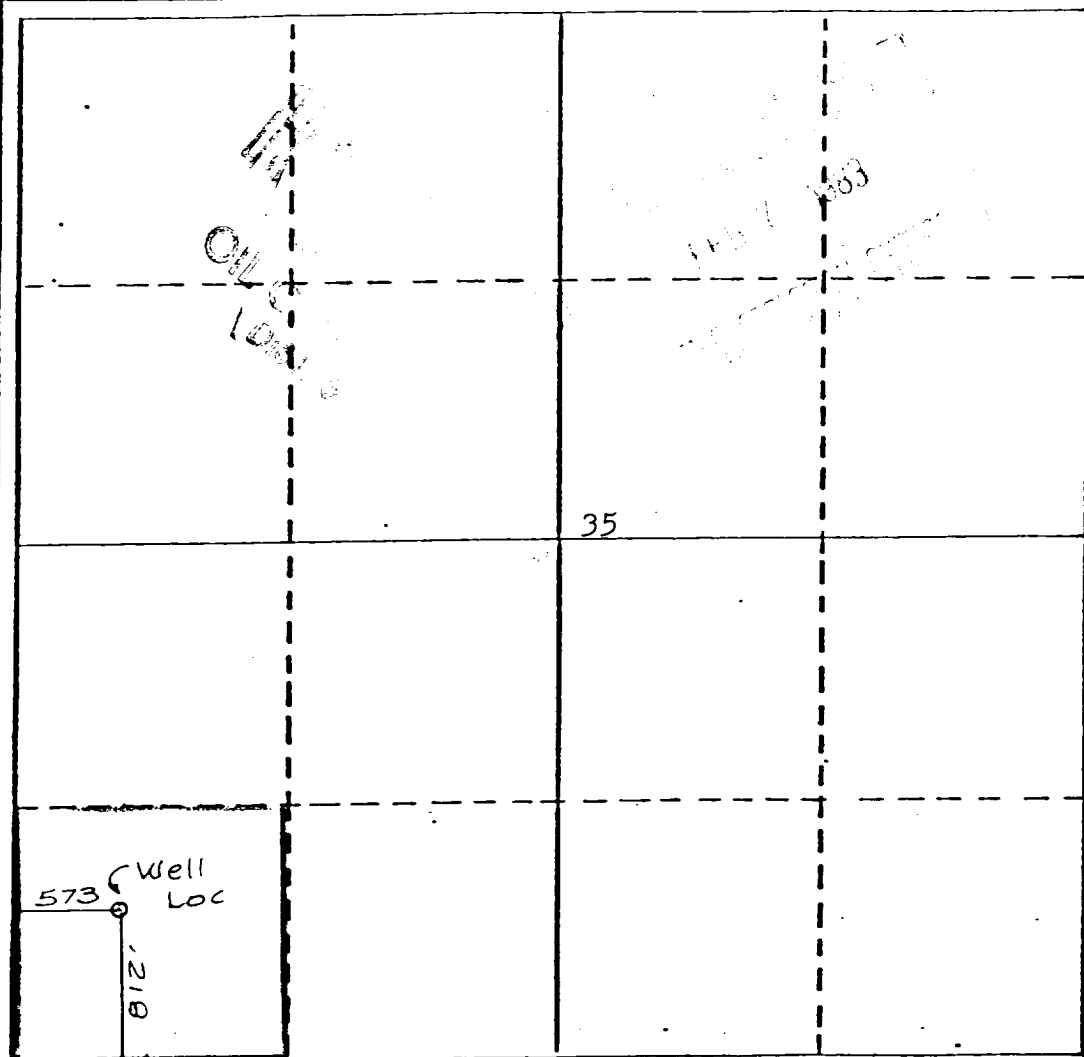
Operator UNION TEXAS PETROLEUM CORPORATION			Lease ZACHRY		Well No. 51
Unit Letter M	Section 35	Township 29 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 812 feet from the SOUTH line and 573 feet from the WEST line					
Ground Level Elev. 5717	Producing Formation Gallup	Pool Armenta Formation		Dedicated Acreage: SW SW 40.00 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.



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

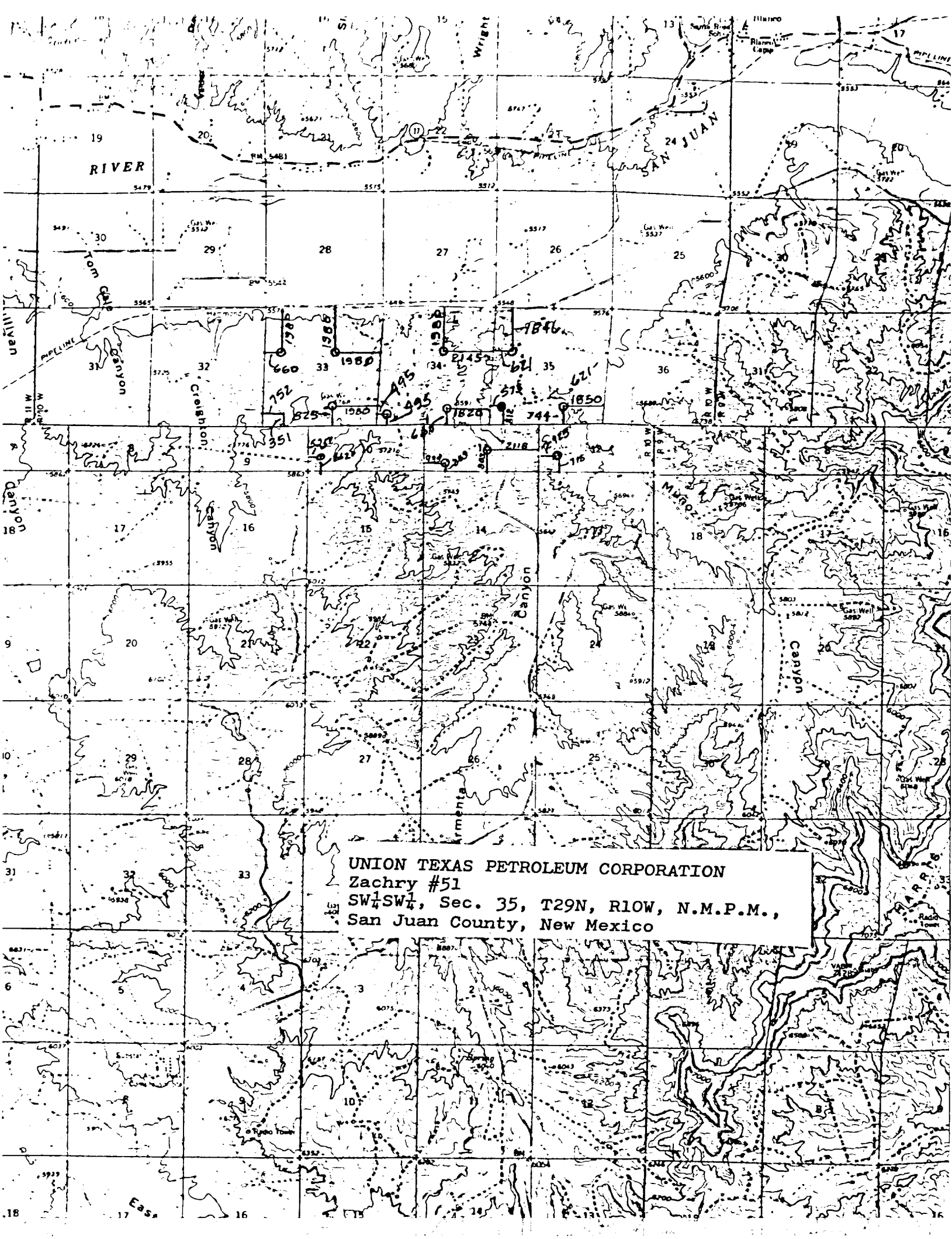
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 4, 1982

Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.
5992



UNION TEXAS PETROLEUM CORPORATION
Zachry #51
SW 1/4 SW 1/4, Sec. 35, T29N, R10W, 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: 812 ft./S; 573 ft./W line
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:

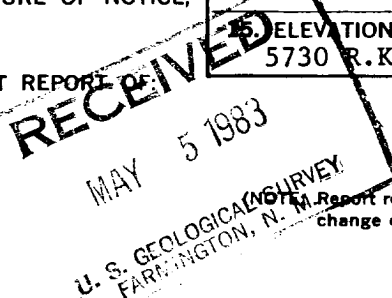
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) Drilled to TD and cased.

5. LEASE
SF 080724-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Zachry
9. WELL NO.
51
10. FIELD OR WILDCAT NAME
Armenta Gallup Extension
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T-29N, R-10W, N.M.P.M.
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5730 R.K.B.



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 9:00 P.M., 3-30-83
2. Drilled 13-3/4" surface hole to a total depth of 315' R.K.B.
3. Ran 7 joints 9-5/8", 36.0#, K-55 casing and set at 315' R.K.B.
4. Cemented with 319 cu. ft. Class "B" w/2% CaCl₂ and 1/4# Flocele per sack. Plug down at 8:15 A.M., 3-31-83. Circulated 10 bbls. to surface.
5. Wait on cement 12 hours.
6. Pressure tested casing to 1000 PSI.
7. Drilled 8-1/4" hole with mud to intermediate total depth of 5360' R.K.B.
8. Logged well.
9. Ran 130 joints 7", 23.0#, K-55 casing from surface to 5360' R.K.B. with DV tool at 2025' R.K.B.
10. Cemented first stage with 1386 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilsonite and 1/4# Flocele per sack followed by 118 cu. ft. Class "B" with 2% CaCl₂.

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

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

SIGNED W. K. Cooper TITLE Field Oper. Mgr. DATE April 29, 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

NMOCC

FARMINGTON DISTRICT
BY JK

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

Cemented second stage with 1562 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilonite and 1/4# Flocele per sack followed with 118 cu. ft. Class "B" w/2% CaCl₂. Circulated 70 bbls. cement. Plug down at 10:15 P.M., 4-7-83.

11. Wait on cement 12 hours.
12. Drilled DV tool and pressure tested casing.
13. Drilled 6-1/4" hole with natural gas to total depth of 6100' R.K.B.
14. Logged well.
15. Ran 21 joints 4-1/2", 11.6#, K-55 casing as liner. Bottom of liner set at 6065' R.K.B., top at 5148' R.K.B., float collar at 6023' R.K.B.
16. Cemented with 179 cu. ft. Class "B" w/2% gel, 0.6% FLA, 1/4# Flocele and 10# salt per sack. Circulated 6 bbls. cement. Plug down at 2:30 A.M., 4-11-83.