

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

2. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

3. NAME OF OPERATOR  
 Union Texas Petroleum Corporation

4. ADDRESS OF OPERATOR  
 P.O. Box 1290, Farmington, New Mexico 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface: 935' FSL: 1190' FWL  
 At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 078430

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Newsom A

9. WELL NO.  
 3

10. FIELD AND POOL, OR WILDCAT  
 Dakota W.C. Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 4, T26N-R8W

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 25 miles south of Bloomfield, New Mexico 87499

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1705

16. NO. OF ACRES IN LEASE  
 1122 2900

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 370

19. PROPOSED DEPTH  
 6890

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6399 GR

22. APPROX. DATE WORK WILL START\*  
 6-1-84

DRILLING OPERATIONS AUTHORIZED ARE  
 SUBJECT TO COMPLIANCE WITH ATTACHED  
 "GENERAL REQUIREMENTS"  
 PROPOSED CASING AND CEMENTING PROGRAM

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
12-1/4"	8-5/8"	24#	298	350 cu. ft.
7-7/8"	4-1/2"	10.5#	6885	stage one: 600 cu. ft. stage two: at 4770 ft.w/750 cu. ft. stage three: at 2364 ft.w/1100cu.ft.

This stripper Dakota well has produced less than 15 MCF/D for the previous three years. It receives NGPA Section 108 prices. We propose to set a bridge plug at ± 6600 ft., spot 50 ft. (Class B neat, 5 cu.ft.) cement on top of the plug and P & A the Dakota zone. We will then attempt to recomplate this well in the Gallup zone from 5705 to ± 6500 ft. (See attachments). The Gallup will be selectively perforated, sand water fractured to stimulate production, 2-3/8" production tubing run and the well placed on production.

RECEIVED  
 MAY 14 1984  
 OIL CON. DIV.

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: G. D. Mickey TITLE: Petroleum Engineer DATE: May 6, 1984

APPROVED

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: 10/1984

CONDITIONS OF APPROVAL, IF ANY:

ch 7 hold 104 for NSL

M. MILLENBACH  
 AREA MANAGER

\*See Instructions On Reverse Side

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

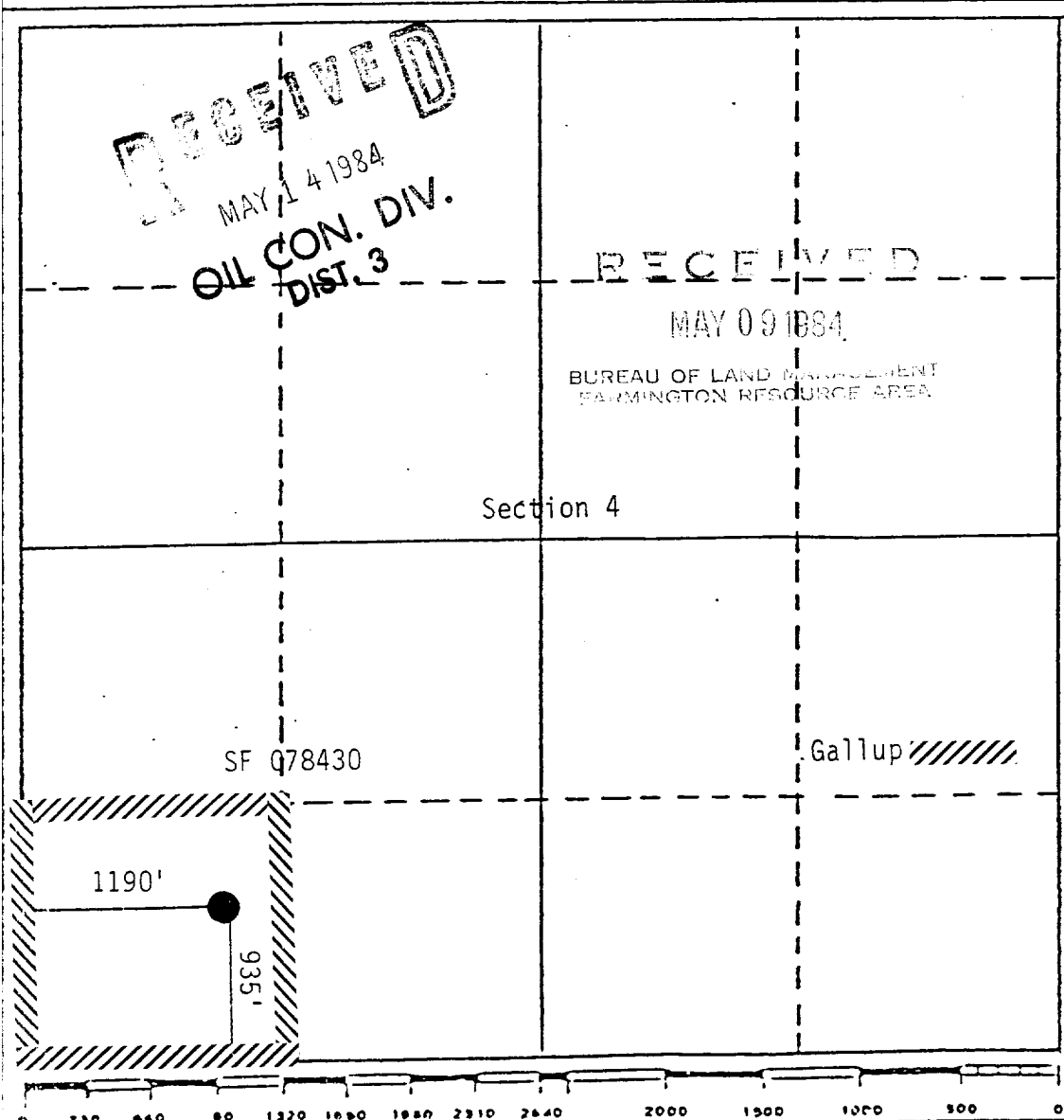
Operator Union Texas Petroleum Corporation		Lease Newsom A		Well No. 3
Unit Letter M	Section 4	Township 26N	Range 8W	County San Juan
Actual Footage Location of Well: 935' feet from the South line and 1190' feet from the West line				
Ground Level Elev. 6399	Producing Formation Gallup	Pool W.C. <del>Undesignated</del> -Gallup		Dedicated Acreage: SWSW 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.) Union Texas Petroleum

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  
 May 7, 1984

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.

*Michael Daly*  
  
 Date Surveyed  
 November 23, 1966  
 Registered Professional Engineer  
 and/or Land Surveyor  
 Michael Daly  
 Certificate No.  
 5992

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Southern Union Production Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 808 - Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface **935 feet from the South line and 1190 feet from the West line.**  
 At top prod. interval reported below **Same as above**  
 At total depth **Same as above**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
**SF 078430**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Newson "A"**

9. WELL NO.  
**3**

10. FIELD AND POOL, OR WILDCAT  
**Basin Dakota**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 4, T-26N, R-3W  
N.M.P.M.**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**New Mexico**

15. DATE SPUDDED **11/28/66** 16. DATE T.D. REACHED **12/11/66** 17. DATE COMPL. (Ready to prod.) **12/23/66** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **6410 ft. R.K.B.** 19. ELEV. CASINGHEAD **6398 ft.**

20. TOTAL DEPTH, MD & TVD **6890 MD TVD** 21. PLUG, BACK T.D., MD & TVD **6856 MD & TVD** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **0-6890** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**6614 - 6850 MD & TVD Dakota**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**E.S. - Induction, Density, Gamma-Ray Correlation, Cement bond**

27. WAS WELL CORED  
**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	298 ft.	12-1/4"	300 sacks	None
4-1/2"	10.5	6885 ft.	7-7/8"	1st stage cemented w/600 cu. ft. of 50-50 pozmix. Stage collar set at 1770 ft. Cemented w/750 cu. ft. of 50-50 pozmix; Stage collar set at 2364 ft. Cemented w/1100 cu. ft. 50-50 pozmix.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/2"	6700 ft.	

31. PERFORATION RECORD (Interval, size and number)  
**Perf. 2 shots/ft. 6614-6653, 6711-6726, 6794-6800, 6814-6824, 6830-6834, 6846-6850.**  
 hole size = 0.52"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6614-6850	Sand water free w/10,000# 40-60 sand; 70,000# 20-40 sand; 15,000# 10-20 sand; 500# 12-20 glass beads and 107,352 gal. water

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **Shut-in**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/10/67	3 hrs.	3/16"	→		294		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
191 psi	786 psi	→		2,357			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Vented**

TEST WITNESSED BY  
**Kenneth E. Roddy**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Original signed by  
 SIGNED **Gilbert D. Noland, Jr.** TITLE **Drilling Superintendent** DATE **1/12/67**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

