

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. EXPOS. ☐ Other ☐

3. NAME OF OPERATOR

Union Texas Petroleum Corp.

4. ADDRESS OF OPERATOR

P.O. Box 2120, Houston, Texas 77252-2120

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

At surface

660' FSL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

258

DATE ISSUED

07/27/87

15. DATE SPUDDED

11/27/87

16. DATE T.D. REACHED

12/18/87

17. DATE COMPL. (Ready to prod.)

01/12/88

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

3710 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8695

21. PLUG BACK T.D., MD & TVD

8665

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8155-8490; 7820-7900

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, DNL, Micro

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
13-3/8"	48	500'	17-1/2"	550 sx "C"	None
8-5/8"	24	2498'	11"	1175 sx "C"	None
5-1/2"	17	8665	7-7/8"	1550 sx 50/50 poz	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7815	7779

31. PERFORATION RECORD (Interval, size and number)

(24) Perf w/4" csg gun 1 JSPF 8155-8490

(12) Perf w/4" csg gun 1 JSPF 7820-7900

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8155-8490	3800 gal 7.5% NEFE Acid
8155-8490	132,000 gal frac-12/20 snd, 307,000
7820-7900	2600 gal 7.5% NEFE acid
7820-7900	88,872 gal frac-197,000# 12/20 snd

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
01/13/88		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
01/16/88	24	-	→	91	78	131	857	
FLOW, TEMPERATURE	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
--	--	→	--	--	--	37.2		

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

Sold

TEST WITNESSED BY

Gary Hendricks

35. LIST OF ATTACHMENTS

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

SIGNED

[Signature]

TITLE

Reg. Permit Coordinator

DATE

01/20/88

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
YATES QUEEN SAN ANDRES BOONE SPRING 1ST B.S. CACB 2ND B.S. SAN	2050 3180 4250 5510 7580 7880	3180 4250 5510 7580 7880 —				

RECEIVED

WELL NAME AND NUMBER Federal 5 #4

6003

LOCATION Section 5, T18S, R31E, Eddy County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

JAN 22 '88

O. C. D.
ARTESIA, OFFICEOPERATOR Union Texas Petroleum ✓DRILLING CONTRACTOR MORANCO Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
1/2 250	1/2 4429		
3/4 500	1 1/4 4920		
1 1/4 815	1 3/4 5474		
1 1/2 1125	3 5936		
1 1/4 1463	1 3/4 6449		
1 3/4 1775	3/4 6800		
3/4 2002	1 7320		
1/4 2300	1 1/4 7837		
3/4 2500	1 1/4 8360		
1/4 2983	1 8665		
1/4 3474			
1/2 3963			

Drilling Contractor MORANCO Drilling, Inc.By Wiley Gilmore
Wiley Gilmore - Marketing ManagerSubscribed and sworn to before me this 22nd day of December 19 87

My Commission expires:

January 30, 1989Susie Branyon
Notary Public Susie Branyon
Lea County, New Mexico