

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ 87-70-1 AM 8:35

2. NAME OF OPERATOR
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR
375 US Highway 64, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 840' FSL & 2020' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Jicarilla H

9. WELL NO.
6M

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA

Section 20, T26N-R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE STUDD 6/30/87 16. DATE T.D. REACHED 7/10/87 17. DATE COMPL. (Ready to prod.) 10/03/87 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6788 GL/6800 KB 19. ELEV. CASINGHEAD 6789

20. TOTAL DEPTH, MD & TVD 7920 21. PLUG. BACK T.D., MD & TVD 7865 22. IF MULTIPLE COMPL., HOW MANY* (commingled) 2 23. INTERVALS DRILLED BY 0-7920 ROTARY TOOLS N/A CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota: 7552-7852 Commingled pursuant to NMOCD Order: DHC-649

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-GR, CDL-CNS

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
9-5/8	36.0	364	12-1/4	See attached	
7	23.0	3687	8-3/4	See attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2	3486	7908	See attached	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	7724	N/A

31. PERFORATION RECORD (Interval, size and number)

See attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See attached

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing 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
10/13/87	3	3/4		0	193*comb	0	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
121	597		TSTM	1549* comb	0	N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (to be sold) TEST WITNESSED BY Steve Greenwood

35. LIST OF ATTACHMENTS
Cementing, Perforation and Stimulation Records over

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

SIGNED Robert C. Frank TITLE Permit Coordinator DATE 12/02/87

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			NMOCB Production Allocation <u>Gas</u> <u>Oil</u> Mesaverde 45.5% 44% Dakota 54.5% 56%	Kirtland	3102	
				Fruitland	3228	
				Pictured Cliffs	3402	
				Lewis	3491	
				Chacra	4313	
				Cliffhouse	5058	
				Menefee	5153	
				Point Lookout	5595	
				Mancos	5758	
				Gallup	6736	
				Greenhorn	7512	
				Graneros	7572	
				Dakota	7722	

Section 28, Cementing Record

Surface Casing: 205 sx (242 cu.ft.) C1 "B" with 2% CaCl₂ and 1/4# flocele/sk. Tag cement at 25'. Top out with 50 sx (59 cu.ft.) C1 "B" with 2% CaCl₂.

Intermediate Casing: 320 sx (918 cu.ft.) 65/35 POZ with 12% gel and 12-1/4# gilsonite/sk, tailed by 100 sx (118 cu.ft.) C1 "B" containing 2% CaCl₂. Circulate 3 bbls (17 cu.ft.) of cement to surface.

Production Liner: 560 sxs (879 cu.ft.) 50/50 POZ containing 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Circulate 7 bbls (39 cu.ft.) of cement off of liner hanger.

Section 31, Perforation Record

Dakota Total 23 - 0.32" holes 1 JSPF at 7552', 53', 54', 7627', 29', 31', 92', 93', 94', 7725', 27', 29', 31', 33', 35', 37', 39', 66', 68', 72', 74', 76', 7852',

Section 32, Stimulation Record

5784' Squeeze: 200 sx (236 cu.ft.) C1 "B"
200 sx (236 cu.ft.) C1 "B"
100 sx (118 cu.ft.) C1 "B"
200 sx (236 cu.ft.) C1 "B" with 2% CaCl₂
250 sx (295 cu.ft.) C1 "B" with 3% CaCl₂.
Test squeeze to 1500 psi - held OK

7552'-7852' Acidize: 1500 gals 15% HCL and 46 - 7/8" ball sealers
Acidize: 3000 gals 15% HCL and 48 - 7/8" ball sealers
Frac: 83,800# 20/40 sand in 87,400 gals 20# cross linked gelled water