

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

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. REVR. ☐ Other ☐

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
Blanco Mesaverde

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

Section 20, T26N-R4W

12. COUNTY OR PARISH
Rio Arriba NM

15. DATE SPUDDED 6/30/87 16. DATE T.D. REACHED 7/10/87 17. DATE COMPL. (Ready to prod.) 10/03/87 18. ELEVATIONS (DF, AKB, RT, OR, 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 ROTARY TOOLS 0-7920 CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 5082-5643 Commingled pursuant to NMOC 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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
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)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	3486	7908	See attached		2-3/8	7724	N/A

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
See attached	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—BSL.	GAS—MCF.	WATER—BSL.	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—BSL.	GAS—MCF.	WATER—BSL.	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)

38. GEOLOGIC MARKERS					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH

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

Mesaverde Total 39 - 0.32" holes at 5082', 88', 90', 97', 5112', 16', 18', 20', 22', 38', 40', 48', 5351', 76', 5438', 82', 84', 86', 88', 5566', 68', 70', 72', 74', 76', 85', 96', 98', 5600', 02', 04', 19', 21', 26', 28', 30', 35', 37', 43'.

Section 32, Stimulation Record

5082'-5643' Acidize: 2000 gals 15% HCL and 76 - 7/8" ball sealers.
Frac: 179,500# 20/40 sand in 212,000 gals 2% KCL slick water.
Acidize: 2000 gals 15% HCL and 76 - 7/8" ball sealers

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