

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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. 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 1985' FSL & 1100' FWL At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 107		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		7. UNIT AGREEMENT NAME N/A		8. FARM OR LEASE NAME JICARILLA F		9. WELL NO. 5A		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33, T26N-R4W		12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
15. DATE SPUDDED 7/28/87		16. DATE T.D. REACHED 8/13/87		17. DATE COMPL. (Ready to prod.) 12/7/87		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6811 GL/6825 KB		19. ELEV. CASINGHEAD 6812		20. TOTAL DEPTH, MD & TVD 7840 KB		21. PLUG BACK T.D., MD & TVD 7791 KB		22. IF MULTIPLE COMPL., HOW MANY* 2*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7523 CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde: 5063-5085 gross 5521-5571 gross		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR, FDC-CNL-GR		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		357 KB		12-1/4		See attached																	
7		23.0		3640		8-3/4		See attached																	
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		TUBING RECORD															
4-1/2		3424		7834		See attached				SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										2-3/8		7714		N/A											
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
31. PERFORATION RECORD (Interval, size and number)		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																					
See attached				See attached																					
32. PRODUCTION																									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)																					
		Flowing		Shut-in																					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N FOR TEST PERIOD		OIL—BSL.		GAS—MCF.		WATER—BSL.		GAS-OIL RATIO											
1/1/88		3		3/4		TST		270**		TR		N/A													
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.		OIL GRAVITY-API (CORR.)													
175		753		Trace		2158**		TR		N/A															
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																									
34. LIST OF ATTACHMENTS Cementing, Perforation and Stimulation Records																									
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED		TITLE		DATE																					
Robert C. Frank		Permit Coordinator		01/28/88																					

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

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, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			<u>Production Allocation</u> Mesaverde Gas 43% Oil 41% Gal-DK 57% 59%	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Mesaverde Mancos Gallup Greenhorn Dakota	2844 3022 3208 3342 3480 4238 5010 5731 6590 7452 7528	

Section 28, Cementing Record

Surface Casing: 300 sx (354 cu.ft.) C1 "B" with 2% CaCl₂ and 1/4# flocele/sk. Circulate 15 bbls (84 cu.ft.) of cement to surface.

Intermediate Casing: 270 sx (775 cu.ft.) 65/35 POZ with 12% gel, 12-1/4# gilsonite/sk, tailed by 100 sx (118 cu.ft.) C1 "B" containing 2% CaCl₂. Circulate 20 bbls (112 cu.ft.) of cement to surface.

Production Liner: 800 sxs (1256 cu.ft.) 50/50 POZ containing 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Lost circulation on displacement. Top of cement 6680' by bond log dated 10/17/87.

Section 31, Perforation Record

Mesaverde Total 20 - 0.32" holes 2 JSPF at 5063', 66', 68', 70', 72', 74', 76', 79', 83', 85'.

Total 12 - 0.32" holes 2 JSPF at 5521', 34', 51', 52', 53', 71'.

Squeeze Holes: Total 4 - 0.32" holes 2 JSPF at 5120' and 5034'.

Squeeze Holes: Total 4 - 0.32" holes 2 JSPF at 5614' and 5494'.

Section 32, Stimulation Record

3424' Cement liner hanger top with 300 sx (354 cu.ft.) C1 "B" with 2% CaCl₂. Squeeze to 2000 psi. Test squeeze to 3500 psi. OK.

5063'-5085' Acidize: 800 gals 15% HCL and 30 - 7/8" ball sealers
Frac: 40,500# 20/40 sand in 68,400 gals 2% KCL slick water

5521'-5571' Acidize: 800 gals 15% HCL and 25 - 7/8" ball sealers
Frac: 41,000# 20/40 sand in 57,500# gals 2% KCL slick water

5034'-5120' Squeeze: 150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.
50 sx (59 cu.ft.) C1 "B" with 2% CaCl₂.
150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.

5494'-5614' Squeeze: 75 sx (89 cu.ft.) C1 "B" with 2% CaCl₂.
150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.

7485'-7766' Acidize: 200 gals 7-1/2% HCL
Acidize: 3000 gals 15% HCL and 66 - 7/8" ball sealers
Frac: 100,000# 20/40 sand in 100,000 gals 20# cross-linked gel water
Acidize: 3000 gals 15% HCL and 66 - 7/8" ball sealers
Frac: 58,680# 20/40 sand in 83,540 gals 20# cross-linked gel water