

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. NAME OF OPERATOR Union Texas Petroleum		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 830' FNL & 1620' FWL At top prod. interval reported below At total depth 793' FNL & 1481' FWL		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Con. 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. 13		10. FIELD AND POOL OR WILDCAT Blanco Mv Basin DK/W.H. Gallup		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 20-T26N-R4W		12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
15. DATE SPUDDED 5/31/88		16. DATE T.D. REACHED 6/3/88		17. DATE COMPL. (Ready to prod.) 8/22/88		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6682' GL, 6694' KB		19. ELEV. CASINGHEAD 6683'		20. TOTAL DEPTH, MD & TVD 7690'		21. PLUG, BACK T.D., MD & TVD 7675'		22. IF MULTIPLE COMPL., HOW MANY* (commingled) 3		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7690		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 4938'-5630'		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN DIGL-GR, SDL-CNL-GR, Drift		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		353		12-1/4		See attached																	
7		23		3774		8-3/4		See attached																	
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD															
4-1/2		3557		7690		See attached				SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										2-3/8		7605		N/A											
31. PERFORATION RECORD (Interval, size and number)																									
See attached																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
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											
9/2/88		3		3/4		→		Tr		124*		Tr		N/A											
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.		OIL GRAVITY-API (CORR.)													
73		616 SI		→		Tr		992*		2		N/A													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented *Commingled																									
TEST WITNESSED BY Steve Greenwood																									
35. LIST OF ATTACHMENTS Cementing, Perforation, Stimulation Records; Directional Survey; Bond logs																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED <u>Robert C. Frank</u> NMCC Permit Coordinator DATE <u>10/3/88</u>																									

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Cementing Record

Surface 220 sx (260 cu.ft.) Cl "B" with 2% CaCl₂.
Circulate 13 bbls (73 cu.ft.) cement to surface.

Intermediate 280 sx (803 cu.ft.) 65/35 POZ with 12% gel and
12-1/4# gilsonite/sk and 10# salt/sk, tailed by
100 sx (118 cu.ft.) Cl "B" containing 2% CaCl₂.
Top of cement at 1900' KB by temperature survey
dated 6/4/88.

Liner 560 sx (880 cu.ft.) 50/50 POZ containing 4% gel,
6-1/4# gilsonite/sk and 10# salt/sk. Cement top
at 5679' KB by bond log dated 7/23/88.

Performance Record

Mesaverde: Total 38 - 0.32" holes 1 JSPF at 4938', 49', 51', 61',
87', 89', 97', 5016', 18', 32', 34', 50', 52', 65', 5472',
74', 76', 78', 80', 5502', 04', 06', 09', 28', 29', 30', 36',
38', 40', 42', 44', 46', 50', 52', 69', 91', 5615', 30'.

Squeeze Total 8 - 0.32" holes, 4 JSPF at 4800', 5630'.

Stimulation Record

4938'-5630' Acidize: 3000 gals 15% HCl and 78 - 7/8" ball
sealers
Frac: 120,000# 20/40 sand in 175,000 gals
2% KCl slick water

Squeeze 3557' (Liner Hanger) Squeeze with 4 bbls (22 cu.ft.) Cl "B"
with 2% CaCl₂. Did not hold.

Resqueeze 3557' (Liner Hanger) 100 sx (118 cu.ft.) Cl "B" with 2% CaCl₂.
Squeeze to 2500 psi. Held OK. Test
squeeze to 3000 psi. Held OK.

Squeeze 4800' Squeeze with 200 sx (236 cu.ft.) Cl "B"
with 2% CaCl₂. Squeeze to 3500 psi.
Test to 3000 psi. Held OK.

Squeeze 5630' Squeeze with 50 sx (59 cu.ft.) Cl "B"
with 2% CaCl₂. Squeeze to 3000 psi.
Test to 3000 psi. Held OK.

Squeeze 4800'-5630' Squeeze 255 sx (301 cu.ft.) Cl "B" with
2% CaCl₂. Reverse circulate 1 bbl cement.
Spot 7 bbls (39 cu.ft.) Cl "B" with 2%
CaCl₂ at 4810'. TOOH to 4297'. Squeeze
to 1000 psi. Drill out. Squeeze did not
hold.