

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*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ Other ☐

2. NAME OF OPERATOR
Union Texas Petroleum Corp.

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 1149' FSL & 1176' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-06738

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Sanchez

9. WELL NO.

3A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Section 34, T30N-R10W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE STUDDERED 8/16/86 16. DATE T.D. REACHED 8/21/86 17. DATE COMPL. (Ready to prod.) 10/22/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5917 GL 5929 KB 19. ELEV. CASINGHEAD 5918

20. TOTAL DEPTH, MD & TVD 5100 21. PLUG, BACK T.D., MD & TVD 5060 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY 0-5100 24. ROTARY TOOLS N/A 25. CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4074'-4606' Mesaverde
4670'-4873' Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN IEL-GR; CDL-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	47	316	12-1/4	See attached	
7	10.5/16.9	2705	8-3/4	See attached	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	2492	5100	See Attached		2-3/8	4791	N/A

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, PACTURE CEMENT SQUEEZE, ETC.			
See attached				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				See attached			

33. PRODUCTION
DATE FIRST PRODUCTION 10/22/86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 10/29/86 HOURS TESTED 3 CHOKE SIZE 3/4 PROD'N. FOR TEST PERIOD 0 OIL—BBL. 360 GAS—MCF. 0 WATER—BBL. N/A GAS-OIL RATIO
FLOW. TUBING PRESS. 235 CASING PRESSURE 986 SI CALCULATED 24-HOUR RATE 0 GAS—MCF. 2883 WATER—MCF. N/A GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (to be sold)

35. LIST OF ATTACHMENTS
Cementing, Perforation and Stimulation Records

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

SIGNED [Signature] TITLE Permit Coordinator DATE 12/09/86

*(See Instructions and Specifications 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, 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
					Ojo Alamo Kirtland Pictured Cliffs Cliffhouse Point Lookout	1047 1245 2371 3950 4638	

28. Cementing Record

Surface Casing:	200 sxs (236 cu.ft.) C1 "B" containing 2% CaCl ₂ . Circulate 10 bbls (56 cu.ft.) cement to surface.
Intermediate Casing:	260 sxs (746 cu.ft.) 65/35 P0Z containing 12% gel, 12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft.) C1 "B" containing 2% CaCl ₂ .
Production Liner:	250 sxs (393 cu.ft.) 50/50 P0Z with 4% gel, 6-1/4# gilsonite/sk, and 10# salt/sk. Circulate 13 of 20 bbls of gel water spacer.

31. Perforation Record

Total 24 - 0.33" holes @ 4670', 71', 83', 85', 87', 89', 4700', 02', 04', 06', 10', 12', 14', 16', 18', 20', 26', 40', 41', 42', 46', 4804', 15', 73'.

Total 32 - 0.33" holes @ 4074', 76', 78', 80', 82', 84', 4101', 03', 05', 07', 09', 11', 13', 4292', 4324', 25', 26', 87', 89', 91', 93', 95', 97', 4432', 34', 36', 84', 86', 88', 90', 92', 4606'.

32. Stimulation Record

<u>Depth</u>	<u>Material</u>
4670-4873	Acidize: 125 gals 7-1/2% HCL Acidize: 1800 gals 15% HCL Frac: 100,000# 20/40 sand in 115,000 gals slick water
4074-4606	Acidize: 2000 gals 15% HCL, 64 - 7/8" ball sealers Frac: 120,000# 20/40 sand in 128,000 gals slick water