

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. REVER ☐ Other _____

2. NAME OF OPERATOR

Union Texas Petroleum

3. ADDRESS OF OPERATOR

375 U.S. Highway 64, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1850' FSL and 1844' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE STUDDED

4/22/88

16. DATE T.D. REACHED

4/29/88

17. DATE COMPL. (Ready to prod.)

7/2/88

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

7204 GL 7216 KB

19. ELEV. CASINGHEAD

7205

20. TOTAL DEPTH, MD & TVD

6165' KB

21. PLUG. BACK T.D., MD & TVD

6121 KB

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-6165

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5868-6087 (gross) Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

SDL-DSN-GR; IEL-GR

27. WAS WELL CORRED

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	463	12-1/4	See attached	
7	23	3977	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	3744	6160	See attached		2-3/8	6032	N/A

30. TUBING RECORD

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—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
7/13/88	3	3/4	→	Trace	136	1/4	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
80	1110 SI	→	Trace	1090	2	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented for test

TEST WITNESSED BY

Bruce Voiles

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 from all available records

SIGNED

Robert C. Frank

TITLE

Permit Coordinator

DATE 7-27-88

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

Title 16 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.

17. 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo* Kirtland* Fruitland* Pictured Cliffs* Lewis* Mesaverde	3362 3472 3527 3702 3752 5377	
				*Based on offset log data		

28 Cementing Record

Surface: 275 sxs (325 cu.ft.) Cl "B" with 2% CaCl_2 and 1/4# flocele/sk. Circulate 10 bbls (56 cu.ft.) of cement² to surface.

Intermediate: 350 sxs (1005 cu.ft.) 65/35 Poz with 12% gel, 12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft.) Cl "B" with 2% CaCl_2 . Circulate 30 bbls (168 cu.ft.) of cement to surface.

Liner: 350 sxs (550 cu.ft.) 50/50 Poz with 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Cement top at 3774 by bond log dated 5/26/88.

31 Perforation Record

Cliffhouse: 21, 0.32" holes, 1 JSPF at 5404, 05, 09, 15, 16, 36, 37, 38, 53, 54, 55, 73, 74, 75, 76, 87, 88, 98, 99, 5500, 01

Point Lookout: 25, 0.32" holes, 1 JSPF at 5868, 69, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 5900, 13, 16, 22, 65, 68, 77, 6021, 25, 52, 87

32 Stimulation Record

5404-5501 Acidize: 2700 gals 15% HCl and 42, 7/8" ballsealers
Frac: 50,000# 20/40 sand in 66,000 gals 2% KCl slick water

5404-5501 Squeeze: 200 sxs (236 cu.ft.) Cl "B" with 2% CaCl_2 . Squeeze to 4500 psi

5404-5501 Resqueeze: 50 sxs (59 cu.ft.) Cl "B". Squeeze to 800 psi. Drill out test squeeze to 2000 psi.

5868-5922 Acidize: 200 gals 28% HCl followed by 4000 gals 15% HCl and 1000# rock salt

5868-6087 Acidize: 2700 gals 15% HCl and 50, 7/8" ballsealers
Frac: 100,000# 20/40 sand in 136,000 gals 2% KCl slick water