

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 ☐ 10-001-5 PM 12:47

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REEF-EX ☐ PIPE BACK ☐ DIFF. REMOVR. ☐ FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

3. NAME OF OPERATOR

Union Texas Petroleum

4. ADDRESS OF OPERATOR

375 US Highway 64, Farmington, NM 87401

5. 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

14. PERMIT NO.

DATE ISSUED

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 (OF. RMB, RT. OR, 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 CABLE TOOLS

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

Dakota 7551'-7659'

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)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	3557	7690	See attached	See attached	2-3/8	7605	N/A

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

33.

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
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 Log

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 10/3/88

*(See Instructions and Spaces 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	BOTT'M	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	2854**	
				Kirtland	2941**	
				Fruitland	3236**	
				Pictured Cliffs	3283**	
				Lewis	3363	
				Chacra	4149	
				Cliffhouse	4934	
				Menefee	5062	
				Point Lookout	5468	
				Mancos	5663	
				Gallup	6578	
				Greenhorn	7378	
				Graneros	7492	
				Dakota	7538	
				**Based on offset log data		

Jicarilla H #13
Attachment to Form 3160-4

Cementing Record

<u>Surface</u>	220 sx (260 cu.ft.) Cl "B" with 2% CaCl ₂ . Circulate 13 bbls (73 cu.ft.) cement to surface.
<u>Intermediate</u>	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% CaCl ₂ . Top of cement at 1900' KB by temperature survey dated 6/4/88.
<u>Liner</u>	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

Dakota	Total 28 - 0.32" holes 2 JSPF at 7551', 52', 53', 54', 7646', 47', 48', 49', 50', 55', 56', 57', 58', 59'.
--------	---

Stimulation Record

7551'-7659'	Acidize: 2700 gals 15% HCl and 56, 7/8" ball sealers Frac: 102,000# 20/40 sand in 100,000 gals 20# crosslinked 2% KCl water
-------------	---