

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVS. ☐ Other ☐

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 890' FSL & 970' FEL
At top prod. interval reported below
At total depth

6. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 103

7. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

8. UNIT AGREEMENT NAME
N/A

9. FARM OR LEASE NAME
Jicarilla H

10. FIELD AND POOL, OR WILDCAT
Blanco MV Basin DK W.H. Gallup

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA
Sec. 18-T26N-R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. PERMIT NO.
DATE ISSUED

15. DATE SPUDDED
6/15/88

16. DATE T.D. REACHED
6/26/88

17. DATE COMPL. (Ready to prod.)
8/31/88

18. ELEVATIONS (OF. HKS. RT. GR. ETC.)*
6687 G.L., 6699 KB

19. ELEV. CASINGHEAD
6688

20. TOTAL DEPTH. MD & TVD
7725 KB

21. PLUG. BACK T.D. MD & TVD
7665

22. IF MULTIPLE COMPL. HOW MANY*
3

23. INTERVALS DRILLED BY
0-7725

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP. BOTTOM. NAME (MD AND TVD)*
Gallup 7013-7114 gross

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-GR, CDL-SNL-GR

27. WAS WELL COBED
No

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	361	12-1/4	See attached	
7	23	3613	8-3/4	See attached	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	3387	7705	See attached		2-3/8	7506	N/A

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

33. PRODUCTION

DATE FIRST PRODUCTION
9/19/88

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
Flowing

WELL STATUS (Producing or shut-in)
Shut-in

DATE OF TEST
9/19/88

HOURS TESTED
3

CHOKE SIZE
3/4

PROD'N. FOR TEST PERIOD
Tr

OIL—BSL.
Tr

GAS—MCF.
334*

WATER—BSL.
Tr

GAS-OIL RATIO
N/A

FLOW. TUBING PRESS.
217

CASING PRESSURE
1029 SI

CALCULATED 24-HR. RATE
Tr

OIL—BSL.
Tr

GAS—MCF.
2673*

WATER—BSL.
2

OIL GRAVITY-API (CORR.)
N/A

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

*Commingled

TEST WITNESSED BY
Steve Greenwood

35. LIST OF ATTACHMENTS
Cement, Perforation, Stimulation Records; Bond Log; Temp. Survey

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

SIGNED Robert C. Frank NMOC Permit Coordinator

TITLE

DATE
OCT 14 1988

*(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 the jurisdiction.

BY Steve Greenwood

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, 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 Fruitland Pictured Cliffs Lewis Chacra Mesaverde Mancos Gallup Greenhorn Graneros Dakota	2900* 2987* 3282* 3329* 3409* 4224 4945 5668 6578 7410 7468 7632	
				*Based on offset log data		

Jicarilla H #14
Attachment to Form 3160-4

Cementing Record

<u>Surface</u>	220 sx (260 cu.ft.) Cl "B" with 2% CaCl ₂ . Circulate 8 bbls (45 cu.ft.) cement to surface.
<u>Intermediate</u>	300 sx (861 cu.ft.) 65/35 POZ with 12% gel and 12-1/4# gilsonite/sk, tailed by 100 sx (118 cu.ft.) Cl "B" with 2% CaCl ₂ . Top of cement at 1700' KB by temperature survey dated 6/19/88.
<u>Liner</u>	540 sx (848 cu.ft.) 50/50 POZ with 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Top of cement at 3618' by bond log dated 7/26/88.

Performance Record

Gallup:	Total 24 - 0.36" holes 2 JSPF at 7013', 14', 15', 16', 17', 18', 19', 20', 21', 22', 7113', 14'.
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Stimulation Record

7013'-7114'	Acidize: 1300 gals 15% HCl and 48 - 7/8" ball sealers Frac: 50,000# 20/40 sand in 75,306 gals 2% KCl slick water
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(See other instructions on reverse side)

Form approved.
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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. RESVR. ☐ FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

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 890' FSL & 970' 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 SPUDDED 6/15/88 16. DATE T.D. REACHED 6/26/88 17. DATE COMPL. (Ready to prod.) 8/31/88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6687 G.L., 6699 KB 19. ELEV. CASINGHEAD 6688

20. TOTAL DEPTH, MD & TVD 7725 KB 21. PLUG, BACK T.D., MD & TVD 7665 22. IF MULTIPLE COMPL., HOW MANY* 3 23. INTERVALS DRILLED BY 0-7725 24. ROTARY TOOLS 25. CABLE TOOLS

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

average 4949-5682 gross

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR, CDL-SNL-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	361	12-1/4	See attached	
7	23	3613	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	3387	7705	See attached		2-3/8	7506	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—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9/19/88	3	3/4	→	Tr	334*	Tr	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
217	1029 SI	→	Tr	2673*	2	N/A		

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

Vented

*Commingled

TEST WITNESSED BY

Steve Greenwood

35. LIST OF ATTACHMENTS

Cement, Perforation, Stimulation Records; Bond Log; Temp. Survey

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

October 6, 1988

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

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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		
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Cementing Record

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12-1/4# gilsonite/sk, tailed by 100 sx (118 cu.ft.)
Cl "B" with 2% CaCl₂. Top of cement at 1700' KB by
temperature survey dated 6/19/88.

Liner 540 sx (848 cu.ft.) 50/50 POZ with 4% gel, 6-1/4#
gilsonite/sk and 10# salt/sk. Top of cement at 3618'
by bond log dated 7/26/88.

Performance Record

Mesaverde:

Total 42 - 0.32" holes 1 JSPF at 4949', 50', 60', 61',
69', 74', 96', 98', 5000', 02', 07', 27', 42', 45', 47', 56',
58', 60', 61', 5482', 86', 88', 90', 92', 5515', 35', 37',
42', 43', 44', 46', 50', 51', 52', 57', 74', 93', 5619', 33',
34', 82'.

Stimulation Record

4949'-5682' Acidize: 3400 gals 15% HCl and 84 - 7/8" ball
sealers
Frac: 150,000# 20/40 sand in 183,414 gals
2% KCl slick water