

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 ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

3. NAME OF OPERATOR

Union Texas Petroleum Corporation

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

At top prod. interval reported below 1642' FNL & 1650' FEL

At total depth

RECEIVED

FEB 10 1987

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

6. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 10

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

8. UNIT AGREEMENT NAME

N/A

9. FARM OR LEASE NAME

JICARILLA L

10. WELL NO.

11

11. FIELD AND POOL, OR WILDCAT

Basin Dakota/Otero Gallup

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

Section 3, T24N-R5W

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. DATE SPUDDED

10/25/86

16. DATE T.D. REACHED

11/03/86

17. DATE COMPL. (Ready to prod.)

12/13/86

18. ELEVATIONS (DF, RKB, ST, GR, ETC.)*

6712 GL 6724 KB

19. ELEV. CASINGHEAD

6713

20. TOTAL DEPTH, MD & TVD

7320 KB

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

7257 KB

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-7320

CABLE TOOLS

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

6917-7060 KB

Dakota

Commingled R-8109-A

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRED

NO

28. DIL-SFL-GR, FDL-CNL

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24.0	319	12-1/4	See attached	
4-1/2	10.5	7301	7-7/8	See attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	7050	N/A

31. PERFORATION RECORD (Interval, size and number)

Total 38 - 0.32 holes, 2 spf @
6917', 18', 7008', 10', 12', 14', 23',
24', 40', 42', 44', 46', 48', 50', 52',
54', 56', 58', 60'

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached	

FEB 12 1987

CON. DIV.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/13/86		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
12/24/86	3	3/4	→	0.15*	160 *	0	1,066,666:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
147	538	→	1.2 *	1281 *	0	50	

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

Vented (to be sold)

35. LIST OF ATTACHMENTS

Cementing and Stimulation Records

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

SIGNED

Robert C. Frank

TITLE

Permit Coordinator

DATE 2/05/87

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

38. GEOLOGIC MARKERS						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
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):			*Based on Commingled Production Allocation Gas Oil ----- Dakota 70% 61% Gallup 30% 39%	Ojo Alamo	2143	
				Kirtland	2339	
				Fruitland	2565	
				Pictured Cliffs	2662	
				Lewis	2659	
				Chacra	3523	
				Cliffhouse	4251	
				Point Lookout	4753	
				Mancos	5225	
				Gallup	5969	
				Greenhorn	6796	
				Graneros	6869	
				Dakota	7005	

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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. REVEN. ☐ Other ☐

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

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

1642' FNL & 1650' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 10/25/86 16. DATE T.D. REACHED 11/03/86 17. DATE COMPL. (Ready to prod.) 12/13/86 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 6712 GL 6724 KB 19. ELEV. CASINGHEAD 6713

20. TOTAL DEPTH, MD & TVD 7320 KB 21. PLUG BACK T.D., MD & TVD 7257 KB 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0-7320 ROTARY TOOLS CABLE TOOLS

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

6046-6236 KB Gallup

Commingled R-8109-A

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-SFL-GR, FDL-CNL

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24.0	319	12-1/4	See attached	
4-1/2	10.5	7301	7-7/8	See attached	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	7050	N/A

31. PERFORATION RECORD (Interval, size and number)

See attached

32. ACID, SHOT, FRACTURE, OR OTHER STIMULATION RECORD

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

See attached

FEB 12 1987

OIL CON. DIV.

PRODUCTION

33.* DATE FIRST PRODUCTION 12/13/86 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
12/24/86	3	3/4		0.10*	68*	0	680,000:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF	WATER—BSL	OIL GRAVITY-API (CORR.)	
147	538		0.80*	549*	0	50	

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

35. LIST OF ATTACHMENTS

Cementing and Stimulation Records, Perforation 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

2/05/87

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

*OVER

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.									
			*Based on Commingled Production Allocation <table><tr><td></td><td><u>Gas</u></td><td><u>Oil</u></td></tr><tr><td>Dakota</td><td>70%</td><td>61%</td></tr><tr><td>Gallup</td><td>30%</td><td>39%</td></tr></table>		<u>Gas</u>	<u>Oil</u>	Dakota	70%	61%	Gallup	30%	39%
	<u>Gas</u>	<u>Oil</u>										
Dakota	70%	61%										
Gallup	30%	39%										

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2143	
Kirtland	2339	
Fruitland	2565	
Pictured Cliffs	2662	
Lewis	2659	
Chacra	3523	
Cliffhouse	4251	
Point Lookout	4753	
Mancos	5225	
Gallup	5969	
Greenhorn	6796	
Graneros	6869	
Dakota	7005	

Section 28, Cementing Record

Surface Casing: 225 sxs (266 cu.ft.) Class "B" containing 2% CaCl₂.
Circulate 14 bbls (78 cu.ft.) of cement to surface.

Production Casing: DV tool at 5327' KB and 2990' KB.
1st Stage - 515 sxs (809 cu.ft.) 50/50 POZ containing
4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Open DV
tool, circulate 10 bbls (56 cu.ft.) of cement to surface.

2nd Stage - 820 sxs (1287 cu.ft.) 50/50 POZ containing
4% gel and 6-1/4# gilsonite/sk, tailed by 100 sxs (118
cu.ft.) Cl "B". Open DV tool and circulate 25 bbls
(140 cu.ft.) of cement to surface.

3rd Stage - 460 sxs (1320 cu.ft.) 65/35 POZ containing
12% gel and 12-1/4# gilsonite/sk, tailed by 100 sxs
(118 cu.ft.) Cl "B" with 2% CaCl₂. Circulate 15 bbls
(84 cu.ft.) of cement to surface.

Section 31, Perforation Record

Gallup Total 27 - 0.32" holes @ 6046', 48', 54', 68', 70', 72', 74', 76', 78',
80', 82', 84', 86', 97', 6106', 08', 72', 76', 80', 84', 88', 92', 96',
6200', 04', 24', 36'.

Section 32, Stimulation Record

6046'-6236' Acidize: 150 gals 7-1/2% HCL
Acidize: 1500 gals 15% HCL and 54 - 7/8" ball sealers.
Frac: 100,000# 20/40 sand in 100,000 gals 20# crosslinked
2% KCL gel water.