

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

5. LEASE, DESIGNATION AND SERIAL NO.

Jicarilla Contract 107

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

JICARILLA F

9. WELL NO.

5A

10. FIELD AND POOL, OR WILDCAT

West Lindrith Gal-DK

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

Section 33, T26N-R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

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 or Federal requirements.)

At surface

1985' FSL & 1100' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

DIST. 3

15. DATE SPUDDED

7/28/87

16. DATE T.D. REACHED

8/13/87

17. DATE COMPL. (Ready to prod.)

12/7/87

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

6811 GL/6825 KB

19. ELEV. CASINGHEAD

6812

20. TOTAL DEPTH, MD & TVD

7840 KB

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

7791 KB

22. IF MULTIPLE COMPL., HOW MANY*

2*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-7523

CABLE TOOLS

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

*commingled R-7540

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR, FDC-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	36.0	357 KB	12-1/4	See attached	
7	23.0	3640	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	3424	7834	See attached		2-3/8	7714	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)				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
1/1/88	3	3/4	→	TSTM	270**	TR	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
175	753	→	Trace	2158**	TR	N/A	

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

Vented

TEST WITNESSED BY

ACCEPTED FOR RECORD
Steve Greenwood

35. LIST OF ATTACHMENTS

Cementing, Perforation and Stimulation Records

FEB 09 1988 Allocation

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

on back

SIGNED

Robert C. Frank

TITLE

Permit Coordinator

FARMINGTON, NEW MEXICO

DATE

01/28/88

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

38. GEOLOGIC MARKERS				
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.	NAME
			Production Allocation Gas Oil Mesaverde 43% 41% Gal-DK 57% 59%	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Mesaverde Mancos Gallup Greenhorn Dakota
				MEAS. DEPTH 2844 3022 3208 3342 3480 4238 5010 5731 6590 7452 7528
				TRUE VERT. DEPTH

Section 28, Cementing Record

Surface Casing: 300 sx (354 cu.ft.) C1 "B" with 2% CaCl₂ and 1/4# flocele/sk. Circulate 15 bbls (84 cu.ft.) of cement to surface.

Intermediate Casing: 270 sx (775 cu.ft.) 65/35 POZ with 12% gel, 12-1/4# gilsonite/sk, tailed by 100 sx (118 cu.ft.) C1 "B" containing 2% CaCl₂. Circulate 20 bbls (112 cu.ft.) of cement to surface.

Production Liner: 800 sxs (1256 cu.ft.) 50/50 POZ containing 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Lost circulation on displacement. Top of cement 6680' by bond log dated 10/17/87.

Section 31, Perforation Record

Dakota Total 33 - 0.32" holes 1 JSPF at 7485', 97', 7502', 57', 58', 59', 60', 61', 76', 77', 78', 7633', 34', 70', 71', 72', 73', 7710', 11', 12', 13', 14', 15', 16', 17', 18', 19', 20', 21', 22', 62', 64', 66'.

Squeeze Holes: Total 4 - 0.32" holes 2 JSPF at 5120' and 5034'.

Squeeze Holes: Total 4 - 0.32" holes 2 JSPF at 5614' and 5494'.

Section 32, Stimulation Record

3424' Cement liner hanger top with 300 sx (354 cu.ft.) C1 "B" with 2% CaCl₂. Squeeze to 2000 psi. Test squeeze to 3500 psi. OK.

5063'-5085' Acidize: 800 gals 15% HCL and 30 - 7/8" ball sealers
Frac: 40,500# 20/40 sand in 68,400 gals 2% KCL slick water

5521'-5571' Acidize: 800 gals 15% HCL and 25 - 7/8" ball sealers
Frac: 41,000# 20/40 sand in 57,500# gals 2% KCL slick water

5034'-5120' Squeeze: 150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.
50 sx (59 cu.ft.) C1 "B" with 2% CaCl₂.
150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.

5494'-5614' Squeeze: 75 sx (89 cu.ft.) C1 "B" with 2% CaCl₂.
150 sx (177 cu.ft.) C1 "B" with 2% CaCl₂.

7485'-7766' Acidize: 200 gals 7-1/2% HCL
Acidize: 3000 gals 15% HCL and 66 - 7/8" ball sealers
Frac: 100,000# 20/40 sand in 100,000 gals 20# cross-linked gel water
Acidize: 3000 gals 15% HCL and 66 - 7/8" ball sealers
Frac: 58,680# 20/40 sand in 83,540 gals 20# cross-linked gel water