

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*

LEASE DESIGNATION AND SERIAL NO.

Contract No. 153

G. IF INDIAN, ALIOTTE OR TRIBE NAME

Jicarilla Apache

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Jicarilla J

WELL NO.

21

FIELD AND POOL, OR WILDCAT

Blanco MY

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

Section 36-T26N-R5W NMPM

COUNTY OR PARISH

Rio Arriba

STATE

New Mexico

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESER. ☐

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, NM 87499

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

At surface 1693' FSL; 1662' FWL

At top prod. interval reported below

At total depth

RECEIVED

JAN 14 1985

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

8/5/84

8/17/84

10/27/84

6733 GR; 6745 KB

6734

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

7640

7570

3

0-7640

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

~~7338-7382 Dakota~~ ~~6958-6491 Gallup~~~~7294-7201 Greenhorn~~ 5517-4854 Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL; CD-CNL

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
10-3/4"	40.50	322	14-3/4"	See attached	
5-1/2"	15.50	7639	7-7/8"	See attached	
				Stage tools @ 5863' and 3454'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7507'	

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 10/29/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 12/17/84	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF 376	WATER—BBL. 0	GAS-OIL RATIO
FLOW, TUBING PRESS. 239	CASING PRESSURE 714	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 3010	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

Vented (to be sold)

TEST WITNESSED BY

Bruce Voiles

35. LIST OF ATTACHMENTS

Cementing, perforation, stimulation records.

ACCEPTED FOR RECORD

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

SIGNED: Robert C. Frank

Regulatory and
Environmental AnalystJAN 21 1985
DATE 1/7/85

FARMINGTON RESOURCE AREA

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

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):

GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.
				NAME MEAS. DEPTH TOP TRUE VERT. DEPTH
Ojo Alamo Kirtland Shale Pictured Cliffs Lewis Shale Chacra Cliffhouse Point Lookout Mancos Shale Gallup Greenhorn Graneros Dakota	2680 2793 3104 4848 5291 6485 7249 7331 7464	2793 3104 3260 5291 5535 7249 7331 7464 7558	Water Water Gas Gas Gas Gas/Oil Oil Gas/Oil Gas/Oil	Ojo Alamo Kirtland Shale Pictured Cliffs Lewis Shale Chacra Cliffhouse Point Lookout Mancos Shale Gallup Greenhorn Graneros Dakota 2680 2793 3104 3260 4028 4848 5291 5535 6485 7249 7331 7464

Jicarilla "J" #7E
Sec. 36, T26N-R5W
Rio Arriba County, New Mexico

Supplement to Completion Report

Item 28 - Cementing Record

Casing

Cement Record

Surface

275 sxs. (325 cu.ft.) CL "B" w/2% CaCl₂ and 1/4# flocele/sk. Circulate 17 cu.ft. cement to surface.

Production

1st stage: 570 sxs. (718 cu.ft.) 50/50 POZ w/2% gel, 0.6% FLA, 10# salt/sack.

2nd stage: 610 sxs. (⁵⁷925 cu.ft.) 50/50 POZ w/4% gel and 6-1/4#/sk. gilsonite followed by 100 sxs. (118 cu.ft.) CL "B" w/2% CaCl₂.

3rd stage: 400 sxs (1096 cu.ft.) 65/35 POZ with 12% gel, 6-1/4# gilsonite/sk followed by 100 sxs (118 cu.ft.) CL "B" with 2% CaCl₂. Circulate 28 cu.ft. of cement to surface.

Item 31 - Perforation Record

Dakota: 0.34"/shot, 26 shots total 7558', 56', 54', 16', 14', 12', 10'; 7500'; 7498', 96', 78', 76', 74', 72', 70', 68', 66', 64', 62'; 7366', 64', 48', 46', 44', 34', 32'.

Greenhorn: 0.34"/shot, 13 shots total 7294', 88', 84', 74', 66', 62', 58', 52', 41', 31', 24', 12', 01'.

Gallup: 0.28"/shot, 30 shots total 6956'; 6850', 48', 45', 39', 20'; 6791', 76', 62', 46', 42', 17'; 6692', 75', 71', 56', 52', 46', 42', 14'; 6595', 85', 78', 64', 58', 28', 20', 03'; 6495', 91'.

Mesaverde: 0.28"/shot, 33 shots total 5517'; 5506'; 5480', 65', 52', 20'; 5395', 84', 72', 64', 56', 48', 42', 06'; 5300'; 5294', 61', 55'; 5160', 55', 49', 31'; 5043', 36', 30', 01'; 4990', 88', 14'; 4882', 74', 58', 54'.

Item 32 - Acid, Shot, Fracture, Cement Squeeze, Etc.

<u>Depth</u>	<u>Amount kind of Material</u>
7576'-7575'	Squeeze w/50 sxs. (59 cu.ft.)
7558'-7332'	CL "B" w/2% CaCl ₂ and 0.6% FLA. Acidize w/1750 gals. 15% HCL and 50 7/8" ballsealers.
7294'-7201'	Frac w/120,000# 20/40 sand and 103,555 gal, 30# gelled water. Acidize w/2250 gal. 15% MSR containing 750 SCF N ₂ /bbl w/12-7/8" ballsealers.
6956'-6491'	Acidize with 2500 gal 15% HCL and 50 7/8" ballsealers. Frac w/180,000# 20/40 sand and 135,600 gal 20# gelled 2% KCl water.
5261'-5260'	Squeeze with 135 sxs (159 cu.ft.) Cl "B" w/2% CaCl ₂ .
4855'-4854'	Squeeze with 100 sxs (118 cu.ft.) Cl "B" with 2% CaCl ₂ followed by 35 sxs (41 cu.ft.) Cl "B" with 2% CaCl ₂ and 0.6% FLA.
4995'-4994'	Squeeze with 100 sxs (118 cu.ft.) Cl "B" with 2% CaCl ₂ followed by 35 sxs (41 cu.ft.) Cl "B" with 2% CaCl ₂ and 0.6% FLA.
4771'-4770'	Squeeze with 100 sxs (118 cu.ft.) Cl "B" with 2% CaCl ₂ followed by 35 sxs (41 cu.ft.) Cl "B" with 2% CaCl ₂ and 0.6% FLA.
5517'-4854'	Acidize with 1500 gal 15% HCL and 66 7/8" ballsealers. Frac with 100,000# 20/40 sand and 95,000 gal 2% KCl slick water.