

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*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐
2. NAME OF OPERATOR
Union Texas Petroleum Corporation
3. ADDRESS OF OPERATOR
P. O. Box 1290, Farmington, New Mexico 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 Same as above
At total depth Same as above

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "J"

9. WELL NO.

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10. FIELD AND POOL, OR WILDCAT

West Lindrith Gallup Dakota

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

Sec. 36, T26N, R5W,
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 8/5/84 16. DATE T.D. REACHED 8/17/84 17. DATE COMPL. (Ready to prod.) 10/27/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6733 GR 6745 KB 19. ELEV. CASINGHEAD 6734
20. TOTAL DEPTH, MD & TVD 7640 21. PLUG, BACK T.D., MD & TVD 7570 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7640 ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7558 - 7332 Dakota 6956 - 6491 Gallup
7294 - 7201 Greenhorn
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 Supplement	
5-1/2"	15.50	7639	7-7/8"	See Supplement	
				Stage tools set at 5863'	and 3454'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7507	

31. PERFORATION RECORD (Interval, size and number)
See Supplement

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

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

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/29/84	Flowing	Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/17/84	3	3/4"	24	3		.6	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
239	714	24			5	

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

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

SIGNED Kenneth E. Roddy TITLE Area Production Supt. DATE 2/6/85
Kenneth E. Roddy

*(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):

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

Jicarilla "J" #21
Sec. 36, T26N-R5W
Rio Arriba County, New Mexico

Supplement to Completion Report

Item 28 - Cementing Record

Casing

Surface

Cement Record

275 sxs. (325 cu.ft.) CL "B" w/2% CaCl_2 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. (975 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% CaCl_2 .

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% CaCl_2 . 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.) CL "B" w/2% CaCl ₂ and 0.6% FLA.
7558'-7332'	Acidize w/1750 gals. 15% HCL and 50 7/8" ballsealers. Frac w/120,000# 20/40 sand and 103,555 gal, 30# gelled water.
7294'-7201'	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.