

(November 1983)
(formerly 9-33b)

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*

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. GENV. ☐ Other ☐
2. NAME OF OPERATOR: Union Texas Petroleum Corporation
3. ADDRESS OF OPERATOR: 375 U.S. Highway 64 - Farmington, New Mexico 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 790' FSL and 790 FWL
At top prod. interval reported below
At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

SF-078439

6. IF INDIAN, ALIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Johnston Federal

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

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

Sec. 33, T31N, R9W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

N. M.

15. DATE SPUDDED 10-10-85 16. DATE T.D. REACHED 10-14-85 17. DATE COMPL. (Ready to prod.) 10/18/85 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 6453' GR 19. ELEV. CASINGHEAD 6458'

20. TOTAL DEPTH, MD & TVD 3430' 21. PLUG. BACK T.D., MD & TVD 3382 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY 0-3430 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3259' - 3277' Pictured Cliffs 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL w/GR; CDL-CNL w/cal 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#	299'	12-1/4"	See Attached Supplement	
			7-7/8" to 3230'		
2-7/8"	6.5#	3403'	6-3/4" to 3430'		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					none		

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

TEST FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-10-85		Flowing				S.I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-14-85	3	3/4"		0	223	0	N/A
W. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	140 Flowing		0	1786	0	N/A	

DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Connie Clevenger

LIST OF ATTACHMENTS: Items 28, 31 and 32
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: [Signature] TITLE: Regulatory Technician DATE: 12-2-85

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

16 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 a false statement.

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.
Ojo Alamo	1981'	1992'	Water	NAME Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Shale
Kirtland	2012'	2032'	Water	
Fruitland	2955'	2994'	Water-Gas	
Pictured Cliffs	3210'	3240'	Gas	
Lewis Shale	3370'	3408'	Water	
				MEAS. DEPTH
				TRUE VERT. DEPTH

Supplement to Completion Report
Johnston Federal #21

Item #28: Cementing Record

1. Cemented 8-5/8" casing with 275 sks (325 cuft) Class B, 2% CaCl₂, 1/4# flocele/sk and circulated 15 BBL cement to surface.
2. Cemented 2-7/8" long string with 520 sks (1492 cuft) 65/35 poz, 12% Gel, 12-1/4# Gilsonite/sk, followed by 100 sks (139 cuft) 50/50 poz, 2% Gel, 6-1/4# Gilsonite/sk., 10# salt/sk., and circulated 15 BBL cement to surface.

Item #31: Perforation

1. Perforated Pictured CLiffs with 12 shots, at 3259', 60', 65', 66', 67', 68', 69', 70', 71', 72', 76', and 3277'; broke down perforations with 1 BBL 7-1/2% Acetic Acid on plug.

Item # 32: Treatment

1. Spearheaded fracture with 700 gal 15% HCL, and foam fractured Pictured Cliffs formation with 46,800 gal 70% quality foam w/60,000 lbs. 20/40 mesh sand.