

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.G.S.	☒
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-78

RECEIVED BY

JUN 07 1984

C. C. D.

OTHER ARTESIA OFFICE

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Challenger Rayroux

9. Well No.

1

10. Field and Pool, or Wildcat

Burton Flat Morrow

12. County

Eddy

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

1. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

TXO Production Corp.

3. Address of Operator

900 Wilco Bldg., Midland, TX 79701

4. Location of Well

UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM

THE East LINE OF SEC. 19 TWP. 21-S RGE. 27-E NE 1/4

15. Date Drilled 9/13/83 16. Date Test Borehole 10/27/83 17. Date Compl. (Ready to Prod.) 4/17/84 18. Elevations (DI, RKB, RT, GR, etc.) 3147 GL, 3168 KB 19. Elev. Casinghead 3147

20. Total Depth

11,600

21. Plug back TD

11,328

22. If Multiple Compl., How Many

N/A

23. Intervals Drilled By

→

Rotary Tools

X

Cable Tools

24. Producing Interval(s) of this completion - Top, Bottom, Name

11,198-11,320

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CCL

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	500	17 1/2	200 sx Thick set + 600 sx "C" 2% CACL	
8 5/8	32 + 28 + 24	2865	12 1/4	300 sx Thick set, 1200 sx 35/65, 200 sx "	
4 1/2	13.5 + 11.6	9984	7 7/8	912 sx "H"	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	11,297	11,297

31. Perforation Record (Interval, size and number)

~~11,396-11,450; 36 holes~~
11,198-11,364; 1 9/16" gun, 74 holes
11,320
CIBP @ 11,328'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,198-11,320	w/2000 gal 7 1/2% acid

33. PRODUCTION

Date First Production 4/23/84	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 4/24/84	Hours Tested 24	Shut-in Size 17/64
Flow Test Press. 760	Casing Pressure N/A	Calculated 24-Hour Rate →
	Oil - Bbl. 3	Gas - MCF 819
	Water - Bbl. 0	Gas-Oil Ratio 273,000
	Oil - Bbl. 3	Gas - MCF 819
	Water - Bbl. 0	Oil Gravity - API (Corr.) 56

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Ted Francis

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Jonna Caville

TITLE Engineer Assistant

DATE 5/11/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of fractionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1185.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 9845'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 10130'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 10690'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 496'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2686'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 4760'	T. Wingate _____	T. _____
T. Wolfcamp _____ 8770'	T. Morrow _____ 10960'	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES Producing

No. 1, from _____ 11320 _____ to _____ 11306 _____	No. 4, from _____ 11214 _____ to _____ 11188 _____
No. 2, from _____ 11294 _____ to _____ 11268 _____	No. 5, from _____ to _____
No. 3, from _____ 11240 _____ to _____ 11222 _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from No. fresh water flows encountered _____ feet _____	
No. 2, from _____ to _____ feet _____	
No. 3, from _____ to _____ feet _____	
No. 4, from _____ to _____ feet _____	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2686	4760	2074	Delaware (Sands & Shales)				
4760	8770	4010	Bone Spring (Sands & Shales)				
8770	9845	1075	Wolfcamp (Shales & Limestone)				
9845	10130	285	Canyon (Shales & A fel limestone stringers)				
10130	10690	560	Strawn (Clean limestone & some shales)				
10690	10960	270	Atoka (Sands & Shales)				
10960	11167	207	Upper Morrow (Fine grain sands & shale lenses)				
11167	11416	249	Middle Morrow (same as above)				
11416	-	-	Lower Morrow (fine grain & coarse grain sands and some shale lenses)				