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

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APR 1 1982

Form C-105
Revised 11-1-81

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-2178

7. Unit Agreement Name

8. Farm or Lease Name

EMPIRE STATE COM.

9. Well No.
1

10. Field and Pool, or Wildcat
EMPIRE (PENN)

12. County
EDDY

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER **O.C.D.**

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER **ARTESIA, OFFICE**

2. Name of Operator
TXO PRODUCTION CORP /

3. Address of Operator
900 WILCO BLDG, MIDLAND, TX 79701

4. Location of Well

UNIT LETTER **M** LOCATED **660** FEET FROM THE **SOUTH** LINE AND **660** FEET FROM

THE **WEST** LINE OF SEC. **20** TWP. **17-S** RGE. **28-E** NMPM

15. Date Spudded **12/18/81** 16. Date T.D. Reached **1/25/82** 17. Date Compl. (Ready to Prod.) **3/16/82** 18. Elevations (DF, RKB, RT, GR, etc.) **3564 GR, 3581 KB** 19. Elev. Casinghead **3564**

20. Total Depth **10,020** 21. Plug Back T.D. **10,020** 22. If Multiple Compl., How Many **N/A** 23. Intervals Drilled By **X** Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
9876 - 9890

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
NDL, CNFD, DLL, GR

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	510	17 1/2	550 sx Cl "C" w/2% CaCl	NONE
8 5/8	24	2511	12 1/4	1200 sx HLW(6#slt) 250 sx "C" w/2% CaCl	
4 1/2	11.6	10,020	7 7/8	300 sx Cl "H" w/5# KCL/sk	"

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	9733	9733

31. Perforation Record (Interval, size and number)

9876-90

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9876-90	NATURAL COMPLETION

33. PRODUCTION

Date First Production 3/16/82		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 3/16/82	Hours Tested 24	Choke Size 21/64"	Prod'n. For Test Period 45	Oil - Bbl. 4391	Gas - MCF 1	Water - Bbl. 98	Gas - Oil Ratio
Flow Tubing Press. 700	Casing Pressure 0	Calculated 24-Hour Rate 45	Oil - Bbl. 4391	Gas - MCF 1	Water - Bbl. 59.6	Oil Gravity - API (Corr.)	

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

Test Witnessed By
CORKY VICKERS

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 *Frieda Crawford* TITLE **ENG. ASS'T** DATE **3/29/82**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 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 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	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 _____ to _____	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
6520	7560	1040	WOLFCAMP				
7560	9050	1490	CISCO				
9050	9430	380	STRAWN				
9430	9596	166	ATOKA				
9596	9830	234	TOP MORROW				
9830	9870	40	LOWER MORROW				
9870	10,250	380	L. MORROW "C" SAND				

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O. C. D.
ARTESIA, OFFICE