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

Form C-105
Revised 11-84

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-1520-1

12. TYPE OF WELL

6. TYPE OF COMPLETION
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Mobil Producing TX & NM Inc.

7. Unit Agreement Name
North Vacuum Abo Unit

8. Farm or Lease Name

3. Address of Operator
9 Greenway Plaza - Suite 2700 - Houston, TX 77046

4. Location of Well

9. Well No.
278

10. Field and Pool, or Wildcat
North Vacuum Abo

UNIT LETTER M LOCATED 650 FEET FROM THE West LINE AND 500 FEET FROM THE South LINE OF SEC. 23 TWP. 17S RGE. 34E NMPM

11. County
Lea

15. Date Spudded 6-28-85 16. Date T.D. Reached 7-8-85 17. Date Compl. (Ready to Prod.) 8-14-85 18. Elevations (DF, RAB, RT, GR, etc.) GL 4029 - KB 4045.5 19. Elev. Casinghead 4029

20. Total Depth 8800 21. Plug Back T.D. 8701 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name
8549-8612 Abo

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Dual LL, Micro LL, BHC Acoustic

27. Was Well Cored Yes

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#	415	17-1/2	500x Class C	circ
8-5/8	28, 32#	5000	12-1/4	2370x Cl C Neat +	circ
			7-7/8	600x Cl C	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD
5-1/2	4190	8800	1220x Cl H		SIZE 2-7/8 DEPTH SET SN @ 8626 PACKER SET 8449

1. Perforation Record (Interval, size and number)
Perf w/LJSPF 8549-8612 OA (50 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL 8549-8612 AMOUNT AND KIND MATERIAL USED Acdz w/12,700 gal 15% DINE FE HCL acid + 100 RCNBS.

PRODUCTION

Date First Production 8-14-85 Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1-1/4 x 20 pump Well Status (Prod. or Shut-in) producing

Date of Test 8-28-85 Hours Tested 24 Choke Size Prod'n. For Test Period Oil - Bbl. 106 Gas - MCF 56 Water - Bbl. 6 Gas - Oil Ratio 525

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. 106 Gas - MCF 56 Water - Bbl. 6 Oil Gravity - API (Corr.) 37.8 @ 60

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

List of Attachments
C-104, Logs, Inclination Report

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 Nancy Lewis TITLE Authorized Agent DATE 9-6-85

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 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 directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 32 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____ 2835
T. 7 Rivers _____
T. Queen _____ 3791
T. Grayburg _____
T. San Andres _____ 4520
T. Glorieta _____ 6008
T. Paddock _____ 6112
T. Blinebry _____ 6741
T. Tubb _____ 7400
T. Drinkard _____
T. Abo _____ 8101
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. Rustler _____ 1570
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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
1570	2835	1265	Anhydrite				
2835	3791	956	Sand				
3791	4520	729	Sand & Limestone				
4520	6008	1488	Dolomite				
6008	6112	104	Sand & Limestone				
6112	6741	629	Carbonate				
6741	7400	659	Carbonate				
7400	8101	701	Sand, Shale & Dolomite				
8101	8800	699	Shale & Dolomite				

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