

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-1520-1

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name North Vacuum Abo Unit	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator Mobil Producing TX & NM Inc.		9. Well No. 297	
3. Address of Operator 9 Greenway Plaza, Suite 2700, Houston, TX 77046		10. Field and Pool, or wildcat North Vacuum Abo	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1853</u> FEET FROM THE <u>South</u> LINE AND <u>1987</u> FEET FROM <u>West</u> <u>14</u> TWP. <u>17S</u> RGE. <u>34E</u> NMEN <u>Lea</u>			
15. Date Spudded 3-31-86	16. Date T.D. Reached 4-20-86	17. Date Compl. (Ready to Prod.) 5-14-86	18. Elevations (Ltr, RKB, RT, GN, etc.) KB - 4052.5
19. Elev. Casinghead 4035	20. Total Depth 8800		
21. Plug Back T.D. 8761	22. If Multiple Compl., How Many		
23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐			24. Producing Interval(s), of this completion - Top, Bottom, Name 8584-8632 Abo
25. Was Directional Survey Made No			26. Type Electric and Other Logs Run GR-CD-CN, BHC Accoustilog, DLL/MLL
27. Was Well Cored No			28. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8	48#	408	17 1/2
8-5/8	32#	5000	12 1/2
			7-7/8
CEMENTING RECORD		AMOUNT PULLED	
500 sx C		circ 275sx	
3320sx C Neat		circ 10sx	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
5 1/2	4215	8800	1000sx H
SCREEN		30. TUBING RECORD	
2-7/8		SIZE	
SN @ 8707		DEPTH SET	
TA @ 8456		PACKER SET	
31. Perforation Record (Interval, size and number)			
Perf Abo w/1 JSPF @ 8584-87, 8592-94, 8602-04, 8608-22, 8624-26, 8630-32			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8640-8440		Spot 200 gal 15% DINE FF HCL	
8584-8632		Acdz w/7800 gal 15% DINE HCL + 62 RCNBS, fl w/52 BW. TR W/220 gal UC TH-756, mx w/50 BFW 2% KCL	
33. PRODUCTION			
Date First Production 5-14-86	Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 24 pump		Well Status (Prod. or Shut-in) Producing
Date of Test 5-27-86	Hours Tested 24	Choke Size	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 45
			Gas - MCF 60
			Water - Bbl. 52
			Oil Gravity - API (Corr.) 37.5 @ 60
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By T.J. Auld
35. List of Attachments Inclination Report, Logs, C-104			

SIGNED

TITLE

Authorized Agent

6-6-86

INSTRUCTIONS

This form is to be filed in the appropriate District Office of the Division not later than 20 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 matrix completion, Items 30 through 34 shall be reported for each zone. This 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 _____ 2890	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3870	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3870	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4588	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4588	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 6043	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6153	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 6651	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7382	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8090	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler _____ 1651	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
1651	2890	1239	Anhydrite				
2890	3870	980	Sand				
3870	4588	718	Sand-Limestone				
4588	6043	1455	Dolomite				
6043	6153	110	Sand-Limestone				
6153	6651	498	Carbonate				
6651	7382	731	Carbonate				
7382	8090	708	Sand-Shale-Dolomite				
8090	8800	710	Shale-Dolomite				