

OIL CONSERVATION DIVISION

P. O. BOX 2088

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 _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name
North Vacuum Abo Unit

8. Farm or Lease Name

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

9. Well No.
301

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 0 LOCATED 790 FEET FROM THE south LINE AND 1980 FEET FROM THE east LINE OF SEC. 3 TWP. 17S RGE. 34E NMPM Lea

15. Date Spudded 5/19/86 16. Date T.D. Reached 6/11/86 17. Date Compl. (Ready to Prod.) 7/3/86 18. Elevations (Lif, RKB, RT, GR, etc.) KB - 4066 19. Elev. Casinghead 4051

20. Total Depth 8850 21. Plug Back T.D. 8808 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools Cable Tools
→ X

24. Producing Interval(s), of this completion - Top, Bottom, Name
8654-8716 Abo 25. Was Directional Survey Made no

26. Type Electric and Other Logs Run
Cn/CD, DLL/MLL, BHC acoustilog 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#	412	17½	500 sx C	circ 106 sx
9-5/8	53.5#	5000	12¼	2400 sx cmt 100 sx c	TOC @ 395
			7-7/8	neat	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5½	4215	8850	1175 sx H		2-7/8	SN @ 8753	TA @ 8444

31. Perforation Record (Interval, size and number)
perf Abo w/1 JSPF @ 8654-62, 8687-97, 8702-07, 8709-16 (34 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8520-8720	Spot 200 gal acid
8654-8716	acdz w/8500 gal 15% DINE
	FE HCL +68 RCNBS, fl w/53
	bb1 2% KCL. TR w/220 gal UC 75

33. PRODUCTION SI +50 bb1 2% KCL, fl w/100 bb1 2% KCL

Date First Production 7/3/86 Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1½ x 24 pump Well Status (Prod. or Shut-in) producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/17/86	24		→	55	73	70	1327
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
		→	55	73	70	37.5 @ 60°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold Test Witnessed By T.J. Auld

35. List of Attachments
Logs, C-104, Inclination Report

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 Marcus Lewis TITLE Authorized Agent DATE 7-18-86

INSTRUCTIONS

This form is to be filed with 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 multi-zone 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 <u>2892</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3882</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>4659</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta <u>6040</u> | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock <u>6140</u> | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blirebry <u>6749</u> | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb <u>7280</u> | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo <u>8042</u> | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. Rustler <u>1651</u> | 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. 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
1651	2892	1241	anhydrite				
2892	3882	990	sand				
3882	4659	777	sand - limestone				
4659	6040	1381	dolomite				
6040	6140	100	sand - limestone				
6140	6749	609	carbonate				
6749	7280	531	carbonate				
7280	8042	762	sand - shale - dolomite				
8042	8850	808	shale - dolomite				

RECEIVED
 JUL 23 1986
 C. D. D.
 HOBBS OFFICE