

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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-1519

7. Unit Agreement Name
North Vacuum Abo Unit

8. Farm or Lease Name
293

9. Well No.

10. Field and Pool, or Wildcat
North Vacuum Abo

12. County
Lea

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

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

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

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

4. Location of Well
UNIT LETTER <u>A</u> LOCATED <u>580</u> FEET FROM THE <u>North</u> LINE AND <u>560</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMEW

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (Dr, RKB, RT, GK, etc.)	19. Elev. Casinghead
2-9-86	2-27-86	3-21-86	KB4055 GL 4039	4039

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
8850	8805			X	

24. Producing Interval(s), of this completion - Top, Bottom, Name
8648 - 8700

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CD/CN/GR, Dual LL, BHC Sonic

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#	430	17-1/2	500x C	circ 150x
8-5/8	32#	5000	12-1/4	2500x C Neat + 200x C	TOC @ 1715
			7-7/8		

29. LINER RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5-1/2	4190	8850	1150 x H	

30. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2-7/8	SN-8737	TA-8493

31. Perforation Record (Interval, size and number)
perf Abo w/1JSPF @ 8648-51, 8667-70, 8672-78, 8683-87, 8694-8700 (27 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8648-8700	Acidz w/7000 gal 15% NEFE
	HCL + 54 RCNBS. TR w/220
	gal uc 756 SI MX w/50 bbl
	2% KCL WTR

33. PRODUCTION		
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
3-21-86	2-1/2x 1-1/2x 24 pump	Producing.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-26-86	24			48	61	10	1271

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	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
C-104, Inclination Report, Set of Logs

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

Nancy Lewis

TITLE

Authorized Agent

DATE

4-4-86

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 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 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" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2892	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3880	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4615	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 6057	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6178	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 6700	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7439	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8139	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler 1630	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
1630	2892	1262	Anhydrite				
2892	3880	988	Sand				
3880	4615	735	Sand - Limestone				
4615	6057	1442	Dolomite				
6057	6178	121	Sand - Limestone				
6178	6700	522	Carbonate				
6700	7439	739	Carbonate				
7439	8139	700	Sand - Shale - Dolomite				
8139	8850	711	Shale - Dolomite				

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HOBBS OFFICE