

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

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

54. 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**

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

8. Farm or Lease Name

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

9. Well No.  
**281**

4. Location of Well  
UNIT LETTER **A** LOCATED **800** FEET FROM THE **N** LINE AND **550** FEET FROM

10. Field and Pool, or Wildcat  
**North Vacuum Abo**

THE **E** LINE OF SEC. **23 TWP. 17S** RGE. **34E** NMPM

11. County  
**Tea**

15. Date Spudded **5-15-85** 16. Date T.D. Reached **6-5-85** 17. Date Compl. (Ready to Prod.) **7-2-85** 18. Elevations (DF, RKB, RT, GR, etc.) **4018 GR; 4034 KB** 19. Elev. Casinghead **4018**

20. Total Depth **8800** 21. Plug Back T.D. **8707** 22. If Multiple Compl., How Many

12. County

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**8484-8543 Abo**

23. Intervals Drilled By  
Rotary Tools  Cable Tools

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**Dual LL, Micro LL, Spectro-Neutron Density, Accoustic**

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#	395	17-1/2	500sx C1 C	circ
8-5/8	28, 32#	5000	12-1/4	3535sx C1 C	circ

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2	4200	8800	680sx C1 H		2-7/8	SN @ 8649	TAC @ 8340

31. Perforation Record (Interval, size and number)  
**w/LJSPF 8484-94, 8510-43 (45 holes)**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL **8484-8543** AMOUNT AND KIND MATERIAL USED  
**Acidz w/11450 gal 15% NEA Fe + 90 RCNBS, fl w/53 bbl 2@ KCL wtr. Tr w/4 dr Unichem 756 sc Inhib mx w/50 bbl KCL wtr & fl w/100 bbl**

3. PRODUCTION  
Date First Production **7-2-85** Production Method (Flowing, gas lift, pumping - Size and type pump) **2-1/2 x 1-1/2 x 24' pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test **7-8-85** Hours Tested **24** Choke Size **170** Prod'n. For Test Period **172** Oil - Bbl. **6** Gas - MCF **1012** Water - Bbl. **37.5 @ 60°** Gas - Oil Ratio

Low Tubing Press. Casing Pressure **37.5 @ 60°** Calculated 24-Hour Rate **37.5 @ 60°** Oil - Bbl. **37.5 @ 60°** Gas - MCF **37.5 @ 60°** Water - Bbl. **37.5 @ 60°** Oil Gravity - API (Corr.)

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

5. List of Attachments  
**set of logs, Inclination Report, C-104**

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 7-15-85

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission 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" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <b>2869</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <b>3821</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ <b>4502</b>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ <b>5992</b>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ <b>6094</b>	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ <b>6641</b>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ <b>7354</b>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ <b>8033</b>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <b>Rustler</b> <b>1628</b>	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
1628	2869	1241	Anhydrite				
2869	3821	952	Sand				
3821	4502	681	Sand & Limestone				
4502	5992	1490	Dolomite				
5992	6094	102	Sand & Limestone				
6094	6641	547	Carbonate				
6641	7354	713	Carbonate				
7354	8033	679	Sand, Shale, Dolomite				
8033	8800	767	Dolomite & Shale				

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