

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.

L-5391

7. Unit Agreement Name

8. Farm or Lease Name
North Vacuum Abo

East Unit

9. Well No.

16

10. Field and Pool, or Wildcat
Vacuum North-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-Ste. 2700-Houston, TX 77046

4. Location of Well

UNIT LETTER 0 LOCATED 1800 FEET FROM THE East LINE AND 660 FEET FROM

THE South LINE OF SEC. 7 TWP. 17S RGE. 35E NMFM

15. Date Spudded

12-21-85

16. Date T.D. Reached

1-11-86

17. Date Compl. (Ready to Prod.)

2-12-86

18. Elevations (DF, RKB, RT, GR, etc.)

KB-4014

19. Elev. Casinghead

3998

20. Total Depth

8950

21. Plug Back T.D.

8850

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

8762-8818 Abo

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CN-LD, DLL/MSFL, NGR-SL, 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#	400	17-1/2	500x CI C	circ 115x
8-5/8	28, 32#	5000	12-1/4	2320x CI C	circ 40x
			7-7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2	4187	8950	1000x CI H		2-7/8	SN @ 8823	TAC @ 8637

31. Perforation Record (Interval, size and number)

* Perf Abo w/2 JSPF @ 8866-70 (9 holes)
Perf Abo w/1JSPF @ 8762-64, 8770-76,
8800-18 (29 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8866-8870	Acidz w/2100 gals 15% NEFE HCL +
	18 RCNBS, fl w/53 b 2% KCL wtr.
8850	CIBP, test 1000#-15 min-ok
	(SEE REVERSE)

3. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
2-12-86		2x1-1/4x20 pump					producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
2-19-86	24			42	61	4	1452	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)		
						37.5		

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

sold

Test Witnessed By

T. J. Auld

5. List of Attachments

C-104, Inclination Report, Logs

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 Auld

TITLE

Authorized Agent

DATE 2-25-86

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 _____ 3066	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4046	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4746	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 6200	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6301	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blirebry _____ 6804	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7515	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8215	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler 1812	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
1812	3066	1254	Anhydrite			#32 Cond:	
3066	4046	980	Sand			8762-8818	
4046	4746	700	Sand-Limestone				Acidz w/7450 gal 15% NE
4746	6200	1454	Dolomite				HCL + 58 RCNBS. TR w/
6200	6301	101	Sand-Limestone				dr UC TH-756 SI mx w/5
6301	6804	503	Carbonate				bbl 2% KCL wtr, fl w/1
6804	7515	711	Carbonate				bbl 2% KCL wtr.
7515	8215	700	Sand-Shale-Dolomite				
8215	8950	735	Shale-Dolomite				

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FEB 28 1986
HOBBS OFFICE