

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-1518

7. Unit Agreement Name

8. Farm or Lease Name

North Vacuum Abo East Unit

9. Well No.

20

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

Nine Greenway Plaza, Ste 2700, Houston, TX 77046

4. Location of Well

UNIT LETTER I LOCATED 732 FEET FROM THE East LINE AND 1982 FEET FROMTHE South LINE OF SEC. 7 TWP. 17S SEC. 35 NMPM

15. Date Spudded

12-22-85

16. Date T.D. Reached

1-29-86

17. Date Compl. (Ready to Prod.)

2-25-86

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

KB-4015

19. Elev. Casinghead

3999

20. Total Depth

9000

21. Plug Back T.D.

8993

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

8872-8885 ABO

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

Comp Neutron

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#	410	17 1/2	500 x C	Circ 130 x
8 5/8	28,32#	4950	12 1/4	2560 x C	Circ 185 x
			7 7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5 1/2	4186	9000	1200 x H		2 3/8	Sn @ 8927	TAC @ 8688

30. TUBING RECORD

1. Perforation Record (Interval, size and number)

Perf w/4JSPF @ 4982 (sqz hole)

Perf Abo w/1JSPF @ 8872-8885 (14 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4648-4654	Sqz w/400 x C Neat + 100 x C
4850-4982	Sqz w/200 x C Meat
8872-8885	Acidz w/3600 gal 15% NEFE + 28RCNE
	Trw/4dr UCTH 756 SI mx w/50 bbl

3. PRODUCTION 2% KCL wtr, flw/100b 2% KCL wtr.

Date First Production

2-25-86

Production Method (Flowing, gas lift, pumping - Size and type pump)

2 x 1 1/4 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
3-4-86	24			55	73	36	1327
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
						37.5 @ 60°	

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

Sold

Test Witnessed By

T. J. Auld

List of Attachments

Log, C-104, Inclination Report

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 AgentDATE 3-6-86

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" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3071	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4055	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4775	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 6245	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6341	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 6865	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7558	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8268	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	3071	1259	Anhydrite				
3071	4055	984	Sand				
4055	4775	720	Sand - Limestone				
4775	6245	1470	Dolomite				
6245	6341	96	Sand - Limestone				
6341	6865	524	Carbonate				
6865	7558	693	Carbonate				
7558	8268	710	Sand-Shale-Dolomite				
8268	9000	732	Shale - Dolomite				

RECEIVED
MAR 10 1986
HOBBS OFFICE