

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-1527-2

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

7. Unit Agreement Name

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

8. Farm or Lease Name
North Vacuum Abo

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

9. Well No.
19

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

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

4. Location of Well
UNIT LETTER K LOCATED 1975 FEET FROM THE West LINE AND 1849 FEET FROM

12. County
Lea

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

15. Date Spudded 11-27-85 16. Date T.D. Reached 12-16-85 17. Date Compl. (Ready to Prod.) 1-24-86 18. Elevations (DF, RKB, RT, GR, etc.) KB-4054 19. Elev. Casinghead 4038

20. Total Depth 8850 21. Plug Back T.D. 8807 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
8696-8738 Abo 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
CNL/LD, DIL/MLL, 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#	402	17-1/2	500x Class C	circ 157x
8-5/8	28, 32#	5000	12-1/4	2375x C Neat + 200x Class C	circ 127x
			7-7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2	4215	8850	920x CI H		2-3/8	SN @ 8737	TA @ 8547

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Perf w/LJSPF @ 8696-8702, 8728-38 (18 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>8696-8738</u>	<u>Acidz w/4700 gal 15% NEFE + 26 RCNBS. TR w/220 gal UC TC-756 S1 mx w/50 bbl 2% KCL wtr, fl w/100 bbl 2% KCL.</u>

33. PRODUCTION

Date First Production <u>1-24-86</u>	Production Method (Flowing, gas lifts, pumping - Size and type pump) <u>2x1-1/4x20 pump</u>	Well Status (Prod. or Shut-in) <u>producing</u>					
Date of Test <u>1-31-86</u>	Hours Tested <u>24</u>	Choke Size	Prod'n. For Test Period	Oil - Bbl. <u>44</u>	Gas - MCF <u>43</u>	Water - Bbl. <u>19</u>	Gas - Oil Ratio <u>977</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) <u>37.6 @ 60</u>	

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

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

6. 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 2-4-86

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 triplicate 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 _____ 3018	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3988	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4715	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 6175	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6279	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blirebry _____ 6800	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7410	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8175	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	Rustler _____ 1784	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
1784	3018	1234	Anhydrite				
3018	3988	970	Sand				
3988	4715	727	Sand-Limestone				
4715	6175	1460	Dolomite				
6175	6279	104	Sand-Limestone				
6279	6800	521	Carbonate				
6800	7410	610	Carbonate				
7410	8175	765	Sand-Shale-Dolomite				
8175	8850	675	Shale-Dolomite				

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