

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.
B-1527

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

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

7. Unit Agreement Name

8. Farm or Lease Name
North Vacuum Abo East Unit

9. Well No.
23

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

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 N LOCATED 1359 FEET FROM THE West 660 FEET FROM

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

12. County
Lea

15. Date Spudded 2-14-88 16. Date T.D. Reached 3-4-88 17. Date Compl. (Ready to Prod.) 3-24-88 18. Elevations (L.F., RKB, RT, GR, etc.) KB - 4026 19. Elev. Casinghead 4011

20. Total Depth 8950 21. Plug Back T.D. 8846 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
8654-8704 Abo

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
DIL, Densilog-CN, Dual Ind., BHC Acoustic

27. Was Well Cored No

28. CASING RECORD (Report oil strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	405	17 1/2	450 sx C1-C	Circ 80 sx
8 5/8	32#	5000	11	1500 sx C + 250 sx C Neat	Circ 150 sx
			7 7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5 1/2	4205	8950	950 sx H +	
			250 sx H-Neat	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	SN @ 8776	TAC @ 8461

31. Perforation Record (Interval, size and number)
Perf Abo W/1 JSPF @ 8654-58, 8685-8704 (25 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8654-8704	Acidz W/8000 gal, DGA-215 + 50 RCNBS. TR W/5 gal. NL
	Surflo-541 in 10 BFW + 10 gal
	Surflo H351, fl W/1403 fw.

33. PRODUCTION

Date First Production 3-24-88 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
4-7-88	24			45	15	50	333

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
						35.0 @ 60 °

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

Test Witnessed By
D. R. Seale

35. List of Attachments
C-104, Inclination Survey, 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 Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc. DATE 5-2-88

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 should 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 _____ 3379	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3515	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4269	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler _____ 1567	T. Chinle _____	T. _____
T. Penn. _____	T. Delaware _____ 5990	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Bone Spring _____ 6920	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
1567	3379	1812	Anhydrite				
3379	3515	136	Sand				
3515	4269	754	Sand				
4269	5990	1721	Sand - Limestone				
5990	6920	930	Sand - Shale - Limestone				
6920	8950	2030	Limestone - Sand				