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

Form C-104
Revised 11-78

1. Indicate Type of Lease
State ☒ Fee ☐
2. State of Lease No.
B-1520

10. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
11. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER ☐

3. Well Agreement Name
North Vacuum Abo Unit

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

4. Well No.
233

3. Address of Operator
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046

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

4. Location of Well
UNIT LETTER **A** LOCATED **660** FEET FROM THE **North** LINE AND **460** FEET FROM

THE **East** LINE OF SEC. **12** TWP. **17S** RGE. **34E** NMPM

5. County
Lea

15. Date Spudded **11/12/82** 16. Date T.D. Reached **12/15/82** 17. Date Compl. (Ready to Prod.) **01/28/83** 18. Elevations (DF, RKB, RT, GR, etc.) **4016' (GR)** 19. Elev. Casinghead

20. Total Depth **8800** 21. Plug Back T.D. **8775** 22. If Multiple Compl., How Many **0-8800** 23. Intervals Unfilled by Rotary Tools **0-8800** Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name
8656-8725, Abo 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run **Compensated Acoustic Velocity Log, Dual Induction Guard Log, Compensated Density Dual Spaced Neutron Log,** 27. Was Well Cased **No**

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	94#	30	DRIVEN		NONE
13-3/8	48#	400	17-1/2	420x C cmt.	NONE
8-5/8	32 & 24#	5000	12-1/4	3033x C cmt.	NONE
			7-7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2	4770	8798	1200x H		2-3/8	OPMA @ 8770	SN @ 8735

30. PERFORATION RECORD (Interval, size and number)

Perf @ 8690-92; 8696-8704; 8708-12; 8721-25 w/ 1 JSPF (22 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perf @ 8656-60 & 8663-66 w/ 1 JSPF (9 holes)		
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8690-8725	Acidize w/5000 gals DINE Fe HCl + 25 RCNBS
	8656-8666	Acidize w/1800 gals 15% NEA Fe+ 10 RCNBS

33. PRODUCTION

Date First Production **01/30/83** 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 **02/08/83** Hours Tested **24** Choke Size **76** Gas — MCF **NA** Water — Bbl. **0** Gas — Oil Ratio **NA**
Flow Tubing Press. **36.7 @ 60°**

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

35. List of Attachments
Inclination Survey, Logs & C-104

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 Paula A. Collins TITLE Authorized Agent DATE 02/14/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be so arranged as to show (a) a log of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including fall stem tests. All depths mentioned shall be measured by tape. In the case of electrically drilled wells, true vertical depths shall also be reported. For multiple correlations, items 1 through 14 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 11.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1740</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1850</u>	T. Strawn _____	T. Kirtland Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Archa _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2969</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3934</u>	T. Shinarump _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4700</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>6137</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7466</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8167</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 <u>8690</u> to <u>8725</u>	No. 4, from _____ to _____
No. 2, from <u>8656</u> to <u>8660</u>	No. 5, from _____ to _____
No. 3, from <u>8663</u> to <u>8666</u>	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. _____

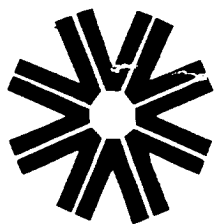
FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
NO RECORDS AVAILABLE ABOVE 1740'							
1740	1850	110	Anhy				
1850	2810	960	Salt				
2810	2969	159	Anhy & Dolo				
2969	3934	965	Sand, Anhy & thin Dolo				
3934	4700	766	Sand & Dolo				
4700	6137	1437	Dolo				
6137	7466	1329	Sand & Shale				
7466	8167	701	Sand, Shale & thin Dolo				
8167	8800	633	Dolo & Shale				

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O.C.D.
HOBBBS OFFICE



VERNA
Corporation

P. O. BOX 1000 LEVELLAND, TEXAS 79336
806 / 894-9686

DATE: DECEMBER 20, 1982

OPERATOR: MOBIL PRODUCING TX & NM
 NINE GREENWAY PLAZA - SUITE 2700
 HOUSTON, TX 77046

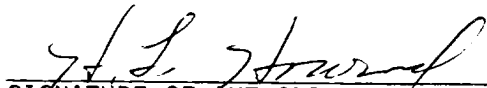
LEASE NAME & WELL NUMBER: NORTH VACUUM ABO UNIT #233

LEGAL DESCRIPTION: 660' FNL & 460' FEL SECTION 17, T 17-S RGE 34E

COUNTY & STATE: LEA, NEW MEXICO

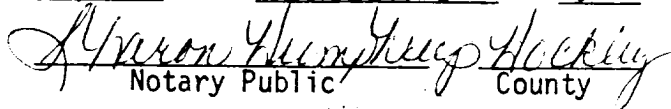
MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
422	4.22	.75	1.31	5.53	5.53
917	4.95	.75	1.31	6.48	12.01
1,402	4.85	1.00	1.75	8.49	20.50
1,765	3.63	1.25	2.19	7.95	28.45
2,253	4.88	.75	1.31	6.39	34.84
2,668	4.15	1.00	1.75	7.26	42.10
3,153	4.85	.75	1.31	6.35	48.45
3,653	5.00	.75	1.31	6.55	55.00
4,148	4.95	1.00	1.75	8.66	63.66
4,404	2.56	1.00	1.75	4.48	68.14
4,925	5.21	1.00	1.75	9.12	77.26
5,000	.75	.75	1.31	.98	78.24

I declare under penalties prescribed in Article 6036c, R.S.C., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.



SIGNATURE OF AUTHORIZED REPRESENTATIVE

Subscribed and sworn to before me this
21st day of December 19 82


Notary Public County

(Commission expires 8-10-85)

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
5,500	5.00	1.00	1.75	8.75	86.99
6,015	5.15	.75	1.31	6.75	93.74
6,508	4.93	.50	.88	4.34	98.08
6,689	1.81	.75	1.31	2.37	100.45
7,196	5.07	1.00	1.75	8.87	109.32
7,692	4.96	.75	1.31	6.50	115.82
7,728	.36	1.00	1.75	.63	116.45
8,190	4.62	1.00	1.75	8.09	124.54
8,575	3.85	1.25	2.19	8.43	132.97
8,800	2.25	1.00	1.75	3.94	136.91