STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No. L-2945

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name

8. Farm or Lease Name: State N

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

9. Well No. 4

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

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

4. Location of Well: UNIT LETTER E LOCATED 1918 FEET FROM THE north LINE AND 850 FEET FROM THE west LINE OF SEC. 10 TWP. 17-S RGE. 34E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
1/16/87	2/4/87	3/11/87	KB-4081	4065

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
8950	8863		→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Abo formation 8737-8805

25. Was Directional Survey Made: no

26. Type Electric and Other Logs Run: spectral density dual spaced neutron, dual guard microguard, computer analyzed

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	17½	500x Cl-C	circ. 100x
8-5/8	32	5000	12¼	3000x Cl-C	circ. 10x
			7-7/8		

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5½	4212	8950	800x Cl-C&H	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	8808	8557

31. Perforation Record (Interval, size and number)
Perf Abo 8894-8902 w/2 JSPF (sqzd.)
Perf Abo 8737-42, 8748-54, 8766-86, 8801-05 w/2 JSPF (74 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8894-8902	acdzd w/2000 gal 15% NeFe HCL & 34 RCNBS
Cmt ret @ 8870 & sqz perfs (8894-8902) w/50x Cl-H sqz to 4000#.	

33. PRODUCTION #32 cont'd - see reverse -

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
3/11/87	2" x 1¼" x 24' Pump	producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3/25/87	24	-	→	65	76	5	1169

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-	-	→	65	76	5	35.3

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

Test Witnessed By: D.R. Seale

35. List of Attachments: C104, inclination, set of 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 Gladys M. Sutherlin TITLE Authorized Agent DATE 4-1-87

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	2903	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen	3907	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4705	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	6111	T. McKee		Base Greenhorn		T. Granite	
T. Paddock	6192	T. Ellenburger		T. Dakota		T.	
T. Blinebry	6820	T. Gr. Wash		T. Morrison		T.	
T. Tubb	7410	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	8170	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T. Rustler	1658	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. 2, from ..... to .....

No. 3, from ..... to .....

No. 4, from ..... to .....

No. 5, 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
1658	2903	1245	anhydrite	#32 continued:			
2903	3907	1004	sand	new PBTD 8863' (originally drilled out			
3907	4705	798	sand-limestone	to 8920').			
4705	6111	1406	dolomite	3837-8805 OA			aczd w/8800 gal 15% DINE Fe
6111	6192	81	sand-limestone				HCL + 148 RCNBS. Treat w/5
6192	6820	628	carbonate				drums unichem technihib.
6820	7410	590	carbonate				
7410	8170	760	sand-shale-dolomite				
8170	8920	750	shale-dolomite				