

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other ☐
3. NAME OF OPERATOR: Mobil Producing TX & NM Inc.
4. ADDRESS OF OPERATOR: 9 Greenway Plaza, Suite 2700, Houston, TX 77046
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 2150 FEL & 2150 FNL
At top prod. interval reported below:
At total depth: same

6. PERMIT NO.:
DATE ISSUED: 6-17-86
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

7. FIELD AND POOL, OR WILDCAT: West Lindrith-Gallup/Dakota
8. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 4, T-24N, R-3W
9. COUNTY OR PARISH: Rio Arriba
10. STATE: NM

11. DATE SPUDDED: 7-15-86
12. DATE T.D. REACHED: 7-27-86
13. DATE COMPL. (Ready to prod.): 9-16-86
14. ELEVATIONS (DF, RKB, RT, OR, ETC.): KB-7158
15. ELEV. CASINGHEAD: 7145

16. TOTAL DEPTH, MD & TVD: 8000
17. PLUG BACK T.D., MD & TVD: 7953
18. IF MULTIPLE COMPL., HOW MANY?
19. INTERVALS DRILLED BY: ROTARY TOOLS X CABLE TOOLS

20. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 7684-7874 Dakota; 6786-6963 Gallup
21. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Ind, FD/CN, Comp Sonic

22. WAS DIRECTIONAL SURVEY MADE: No
23. WAS WELL CORRED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	439	12 1/2	400 sx B (469 cf)	circ 100 sx
5 1/2	15.5	8000	7-7/8	815 sx TLW & 100 sx B (1592 cf)	circ 20 sx

25. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

26. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	SN @ 7896	TA @ 6663

27. PERFORATION RECORD (Interval, size and number)

perf Dakota w/ 1 spf @ 7847-7874
perf Dakota w/ 1 spf @ 7684-7775
perf Gallup w/ 1 1/2 spf @ 6910-16, 6920-24, 6929-55, 6959-63 (31 holes)
perf Gallup w/ 1 1/2 spf @ 6786-91, 6798-6812, 6830-32, 6838-50, 6850-54 (36 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7847-7874	bkdn w/ 5000 gals 2% KCL wtr + 48 RCNBS; SWF w/ 50000 gals 40# X-link HPG gel 2% KCL FW + 69000# 20/40 GR E Ottawa sd +

29. PRODUCTION RECORD (see reverse)

30. DATE FIRST PRODUCTION: 9-16-86
31. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): 2-3/8 x 1 1/2 x 16 pumping
32. WELL STATUS (Producing or shut-in): producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-4-86	24			25	91	7	3640

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OH—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
						46.0

33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): sold
34. LIST OF ATTACHMENTS: logs

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED: Domingo Mayorga, TITLE: Authorized Agent
* (See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

5. CASE DESIGNATION AND SERIAL NO.: SF-080472

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Cullins Federal

9. WELL NO.: 5

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3043	3175	Sandstone			
Kirtland/Fruitland	3175	3413	Sand-shale-coal			
Pictured Cliffs	3413	3493	Sandstone			
Lewis Shale	3493	5089	Shale			
Mesa Verde Group						
Cliff House	5089	5168	Sandstone			
Menefee	5168	5601	Sand-shale-coal			
Point Lookout	5601	5754	Sandstone			
Mancos-Niobrara	5754	6733	Shale			
Gallup	6733	6970	Sandstone-shale			
Mancos-Carlile	6970	7590	Shale			
Greenhorn	7590	7653	Limestone			
Graneros	7653	7684	Shale			
Dakota	7684	7913	Sand-shale			
Burro Canyon	7913	8000	Sandstone			
			<u>#32 cont.</u>			
			7847-7874 32000# 20/40 mesh AC-Frac.			
			7684-7775 Bkdn w/ 6500 gals 2% KCL + 64 RCNBS. SWF w/ 70000 gals 40# X-link HPG gel 2% KCL + 109000# 20/40 Ottawa sd & 36000 20/40 mesh AC-FRAC.			
			6910-6963 Bkdn w/ 6500 gals 2% KCL + 62 RCNBS. SWF w/ 56000 galsx-link 40# HPG gel 2% KCL + 69000# 20/40 E Ottawa sd + 24000# 20/40 mesh AC-frac.			
			6786-6854 Bkdn w/ 7500 gals 2% KCL + 72 RCNBS. SWF w/ 70000 gals x-link 40# HPG gel 2% KCL + 85000# 20/40 E Ottawa sd + 30000# 20/40 mesh AC-frac.			