

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

5. LEASE DESIGNATION AND SERIAL NO.

NM - 046

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cheney Federal B

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Gavilan Mancos

11. SEC., T., R., M., OR BLOCK AND SURVEY

NE NE

Sec 8, T26N, R2W, NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR Mobil Exploration & Production U. S. Inc. Agent for Mobil Producing Texas & New Mexico Inc.

3. ADDRESS OF OPERATOR

P. O. Box 5444, Denver, CO 80217-5444

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 790 FNL and 990 FEL Sec 8, T26N, R2W NMPM

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
API 30-039-70072 6-6-88

15. DATE SPUDDED 6-30-88 16. DATE T.D. REACHED 7-19-88 17. DATE COMPL. (Ready to prod.) 9-17-88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7141 GR 7153KB 19. ELEV. CASINGHEAD 7141

20. TOTAL DEPTH, MD & TVD 8200 21. PLUG. BACK T.D., MD & TVD 7840 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-8200 CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7000-7112 Upper Gallup Sand
7186-7316 Lower Gallup Sand 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Dig SON-CNL 8138-3000 (Cased Hole)
DIL-SFL-CAL, FDC-CNL-SR 5860'-Surf (OH) 27. WAS WELL CORRED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	32	443	12 1/4	375	0
5 1/2	17	8200	7 7/8	755+595 (8200-4070) DV 250+300 (3392-Surf)	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7360	-----

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7186-7316	CONFIDENTIAL	7186-7316	6000 gal KCl H2O
			54263#20/40 in 33000 gal
7000-7112		7000-7112	6000 gal KCl H2O
			150000-100Msh, 200000-20/40

33.* PRODUCTION in 67070 gal

DATE FIRST PRODUCTION 9-23-88 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing 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
10-14-88	24	--	→	42	830	9	19,762
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
		→	42	830	9		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY E. T. Barber

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Regulatory Compliance Mgr. DATE 10/25/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3290	
				Kirtland/Frtlnd	3416	
				Pictured Cliffs	3535	
				Chacra	4618	
				Lower Lewis Sh.	4670	
				Cliffhouse	5426	
				Menefee	5438	
				Point Lookout	5761	
				Upper Mancos	5954	
				Gallup	7000	
				Lower Mancos	7340	
				Greenhorn	7778	
				Graneros	7810	
				Dakota	7936	
				Log TD	8138	