

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-076934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Mansfield Com #4E

9. API WELL NO.

3004525842

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Section 30-30N-9W

12. COUNTY OR PARISH
San Juan13. STATE
New Mexico

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. RENVR. ☒ Other Recompletion

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 800, Denver, Colorado 80201 (303) 830-6157

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

At surface 1690' FNL 1730' FEL

At top prod. interval reported below

Unit G

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 3/8/84 16. DATE T.D. REACHED 3/14/84 17. DATE COMPL. (Ready to prod.) 11/12/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6153 KB 6141 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7403' 21. PLUG, BACK T.D., MD & TVD 7351 22. INTERVALS DRILLED BY ROTARY TOOLS Yes 23. CABLE TOOLS No

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM NAME (MD AND TVD)* Blanco Mesaverde 4384'-5102' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR and CBL 27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	288' KB	12-1/4"	200 sxs, 236cf, B+1/4#sxs Celloflakes+2%CaCl ₂	
7"	23#	3312' KB	8-3/4"	1st stg: 200sxs, 236cf, B+1/4#sxs Celloflakes - 2% CaCl ₂ 2nd stg: 220sxs, 404cf lite+1/4#sxs Celloflakes+2% CaCl ₂ , Tail 50sxs 59cf B+2% CaCl ₂	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3120' KB	7403' KB	See Reverse		2.375"	7175	None

31. PERFORATION RECORD (Interval, size and number)

4797'-5102' w/ljspf., .340inch diameter, total 9 shots fired
4384'-4711' w/ljspf., .320 inch diameter, total 12 shots fired

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4800'-5102'	92,000# 16/30 Arizona Sand
4384'-4711'	40,793# 16/30 Arizona Sand

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 11/12/97 HOURS TESTED 13 hrs CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD Trace OIL—BBL. 1,024 mcf GAS—MCF. 7bbls WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 140# CASING PRESSURE 350# CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold TEST WITNESSED BY

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

Phil W. Jefferson

TITLE Sr. Admin. Staff Asst.

DATE

JAN 15 1998

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

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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1560'	1660'	Sandstone & Siltstone	Greenhorn	7014'	
Kirkland	1660'	2470'	Shale w/interbedded siltstone			
Fruitland	2470'	2770'	Shale w/siltstone w/coal beds			
Pictured Cliffs	2770'	2850'	Sandstone			
Lewis	2850'	3570'	Shale			
Chacra	3570'	4384'	Shale, Gas			
Cliffhouse	4384'	4490'	Sandstone w/interlayered siltstone			
Menefee	4490'	5000'	Siltstone & Shale			
Point Lookout	5000'	5175'	Sandstone & Siltstone			
Mancos	5175'	6275'	Shale			
Gallup	6275'	7014'	Shale w/siltstone Fracture			
Graneros	7070'	7116'	Shale			
Dakota	7116'	TD	Sandstone, Shale, Siltstone w/gas			
4-1/2" Liner cementing detail: 335 sxs 616 cf Lite + 1/4#/sx Celloflakes + .6% D-60 + 1/4#/sx Celloflakes + .6% D-60				Tail 150 sxs 159 cf B		

Mansfield Com 4E - Recompletion

MIRUSU 10/30/97.

TIH with bit and scraper run. Tag fill at 7255'. TOH, TIH set CIBP at 5400'. Load and test casing to 1000# for 15 minutes. Held okay.

Ran GR and CBL from 2998' to 5400'. CBL was run to determine cement bond behind perfs.

Perforated:

4797', 4893', 4963', 4982', 5002', 5020', 5062', 5086', 5102' with 1 jspf, .340 inch in diameter, total 9 shots fired.

Break down perfs with 16 bbls wtr, pump 12 bbls acid and start balls, ball off perfs and surge balls still on. TIH knock off balls with pkr.

Frac'd from 4797'-5102' with 92,000# 16/30 Arizona sand.

RU, TIH with sinker bar to tag fill, tagged at 5040', TOH, TIH set CIBP at 4770'. TOH. Pressure test casing from 0-~~5400'~~^{4770'} for 15 minutes to 2500#. Held okay.

Perforated:

4384', 4401', 4432', 4452', 4612', 4623', 4643', 4711', with 1 jspf, .320 inch diameter, total 12 shots fired.

Break down and ball off perfs with 12 gals 7.5% acid.

Frac'd from 4384'-4711' with 40,793# of 16/30 Arizona sand.

TIH with mill and collars, tag fill at 4673'. Drill out fill to 52000'[?], circ hole clean, TOH with tools to 7" casing. Flow test Mesaverde for 13 hours on 3/4" choke, trace of oil, 1,024 mcf and 7 bbls wtr. FTP 140#, Casing pressure 350#.

Relanded tubing at 7175'.

RDMOSU 11/12/97.