

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED  
BLM

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078367-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9:26

8. FARM OR LEASE NAME, WELL NO.

Fletcher #1

9. API WELL NO.

3004520094

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Section 33

Township

31N

Range 8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

AMOCO PRODUCTION COMPANY

Attention:

Gail M. Jefferson

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 800 DENVER, CO. 80201

(303) 830-6

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

At surface 915' FSL

860' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

OCT - 1 1998

RECEIVED  
OIL CON. DIV.  
DIST. 3

15. DATE SPUDDED

07/01/1967

16. DATE T.D. REACHED

07/11/1967

17. DATE COMPL. (Ready to prod.)

08/31/1998

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

6416' GR

19. ELEV. CASINGHEAD

6414'

20. TOTAL DEPTH, MD & TVD

7880

21. PLUG, BACK T.D., MD & TVD

6385'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

YES

CABLE TOOLS

NO

PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Blanco Mesaverde 4944'-5967'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

N

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
10-3/4"	32#	280'	15"	250 sxs	
7-5/8"	24#	3403'	9-7/8"	450 sxs	
4-1/2"	10.5# & 11.6#	7880'	6-3/4"	300 sxs 1st stage	
				375 sxs 2nd stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375"	5688'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size, and number)

5967'-5472' w/1jspf, .340 inch diameter, total 21 shots fired  
5380'-5176' w/1jspf, .340 inch diameter, total 15 shots fired  
5110'-4944' w/2jspf, .340 inch diameter, total 56 shots fired

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5967' 5472'	69,368# of 16/30 Arizona Sand
5380' 5176'	62,664# of 16/30 Arizona Sand
5110' 4944'	71,993# of 16/30 Arizona Sand

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
08/27/1998	12	48/64"		Trace	652 mcf	61 bbls	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
30#	250#						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TO BE SOLD

TEST WITNESSED BY

ACCEPTED FOR RECORD

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

Gail M. Jefferson

TITLE

Sr. Admin. Staff Asst.

\*(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.

NMOCD

SEP 29 1998

FARMINGTON DISTRICT OFFICE

# Fletcher #1

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):

## GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde	4944'	5967'	Sand & Shale (Gas)	Mesaverde	4944'	5282'
Dakota	7640'	7850'	Sand & Shale (Gas)	Mancos	5900'	
				Gallup	6875'	
				Greenhorn	7507'	
				Dakota	7640'	

Fletcher #1 - Recompletion - Subsequent  
September 11, 1998

MIRUSU 8/7/98. NDWH, NUBOP, TOH with tubing. TIH with bit and scraper to 7500'. TOH, TIH set CIBP at 7590'. Spot 200' Cement plug on CIBP. TOH

*Spotted cmt. plug from 6600' to 6700' (17 1/2 sxs Class B)*

Perforate at 5967', 5828', 5822', 5788', 5770', 5762', 5735', 5715', 5690', 5680', 5670', 5620', 5610', 5587', 5582', 5558', 5530', 5510', 5500', 5490', and 5472', with 1jspf, .340 inch diameter, total 12 shots fired.

RU breakdown formation with 12 bbls 7.50% acid at 1200#, estimated injection rate of 5.5 BPM at 700#. Saw good ball action.

Frac'd with 69,358# of 16/30 Arizona sand. RU and set BP at 5400'. Pressure tested to 2000#. Held okay.

Perforated at 5380', 5370', 5364', 5326', 5320', 5280', 5274', 5266', 5260', 5238', 5235', 5230', 5225', 5192', and 5176' with 1 jsfp, .340 inch diameter, total 15 shots fired.

RU breakdown formation with 12 bbls 7.5% acid and balls. Broke at 2000#, saw good ball action. Estimated rate of 9.5 bbls at 500#. RU and run junk basket.

Frac'd down casing with 62,664# of 16/30 Arizona sand. Remove isolation tool and RU to set BP for 3rd stage.

Unable to set CIBP after 2nd frac. TIH with tbg and clean out fill from 4710'-5200'. Well came on and stuck tbg. Could not work free. SI well and pulled tension on tbg. Monday morning tbg was free. Tagged to set BP, okay. TOH with tbg.

RU and set BP, pressure test failed. Set plug again at 5158' would not test.

TIH with pkr, isolate hole at 4711', tested BP, tested okay. Pull up and set pkr at 4363'. Squeezed from 4711' to 4721' with 188 sxs class B cmt, locked up, 152 sxs in formation. SI w/1700#.

Released 1500# off pkr. TOH with pkr. TIH with bit and scraper and tag cmt at 4365', drill out to 4741'. Pressure test squeeze to 1000# for 30 min. Held okay. TOH with bit and scraper.

Perforated at 5110'-5130', 4944'-4950', 5034'-5036' with 2 jsfp, .340 inch diameter, total 56 shots fired.

RU to TIH w/pkr. TIH PU pkr and 2.375" frac string. Set pkr at 4764'. RU frac valve. RU and breakdown perms. Broke at 2120#, estimated rate of 20 BPM at 2200#. ISIP 0#. Frac down tbg with 71,993# 16/30 Arizona sand.

Release packer and TOH LD tbg and pkr. TIH with bit and tbg, drill out CIBP's at 5158' and 5400'. Clean out below bottom perms. PU to flow well overnight. Flow test to tank with choke. Finish cleaning out sand to PBTD of 6385'. PU and RU to flow well to tank with choke.

Clean out sand fill to PBD. TOH with bit and tbg. TIH with production tbg. Land tbg at 5688'. Flowed well for 12 hrs on 48/64" choke. Recovered 652 mcf, Trace of oil, 61 bbls of wtr.

NDBOP, NUWH, RDMOSU 8/31/98.

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

311 South First., Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**

2040 South Pacheco, Santa Fe, NM 87505

**State of New Mexico**

Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED  
BLM

98 SEP 15 AM 9:26

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 3004520094	Pool Code 72319	Pool Name 070 FARMINGTON, NM Blanco Mesaverde
Property Code 000517	Property Name Fletcher	Well Number 1
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation

**Surface Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT M	33	31N	8W		915'	SOUTH	860'	WEST	San Juan

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage: 320.00		Joint or Infill		Consolidation Code		Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst Position Date 09/11/1998
	<b>SURVEY CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i> 06/22/1967 Date of Survey
	Signature & Seal of Professional Surveyor  Robert H. Ernst
	Certificate No. 2463