

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

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

SF-080112

6. IF INDIAN, ALLIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Riddle Com #9

9. API WELL NO.

3004525017

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 17-T28N-R8W

12. COUNTY OR

PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

12. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐Other ☐

1. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. REVR. ☒Other ☐

2. NAME OF OPERATOR

Amoco Production Company

Pat Archuleta

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, CO 80201

(303) 830-5217

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

At surface

1730' FSL

1050' FWL

Unit L

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/27/81

16. DATE T.D. REACHED

11/2/81

17. DATE COMPL. (Ready to prod.)

6/3/96

18. ELEVATION (OF RKB, RT, OR, ETC.)*

5724' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6628'

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

6530'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

Yes

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesaverde 3736'-4552'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL and Gamma Ray Spectro

27. WAS WELL CORRED

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#	308.6'	12 1/4"	275sxs BL B +2% CACL2 & 1/4#sxs flocele	
7"	23#	2760'	8 3/4"	300sxs econolite & 150sxs C1 B & 2% CACL2	
4 1/2"	10.5#	6628'	6 1/4"	310sxs lodense & 150sxs C1 B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2 3/8"	6537'	

31. PERFORATION RECORD (Interval, size and number)

3736'-4552' w/1jspf, .340 inch diameter
total 58 shots fired700' w/2jspf, .340 inch diameter total of
2 shots fired

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3736'-4552'	See Attachment
700'	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5/30/96		Flowing					SI; wo 1st delivery	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5/30/96	12hrs	3/4"	→	trace	1600mcf	10bbls		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.		GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
no tubing	95#	→	DIE					

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

to be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

perf & frac page

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

SIGNED

Pat Archuleta

TITLE

Clerk

DATE

6/17/96

*(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.

MOCD

FARMINGTON DISTRICT OFFICE

JUN 18 1996

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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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cliffhouse	3732'	3830'	Sand			
Menefee	3830'	4297'	Sand, Water			
Pint Lookout	4297'	4558'	Sand			
Mancos	4558'	5521'	Shale			
Gallup	5521'	6272'	Water, Oil			
Greenhorn	6272'	6339'	Shale			
Graneros	6339'	6383'	Shale			
Dakota	6383'	TD	Gas			

38.

GEOLOGIC MARKERS

MIRUSU 5/20/96. Set RBP 4704', pressure test casing to 1500#, held ok. Dumped sand on RBP. Ran CBL from 30'-4690'. TOC at 800'.

Perforated at: 3736', 3746', 3752', 3801', 3809', 3811', 3921', 3826', 4055', 4078', 4222', 4224', 4234', 4236', 4238', 4300', 4302', 4304', 4306', 4308', 4310', 4312', 4314', 4316', 4320', 4322', 4331', 4340', 4342', 4344', 4352', 4356', 4358', 4360', 4367', 4369', 4371', 4375', 4384', 4386', 4388', 4390', 4392', 4394', 4402', 4406', 4435', 4437', 4439', 4441', 4470', 4513', 4531', 4552', w/1jspf, .340 inch diameter total 58 shots fired.

Pre flushed from 3736'-4552' w/1000 gals of acid breaking down and balling of perms.

Frac'd from 3736'-4552' w/1,044 bbls water and 1,105,867 scf of N₂ to create a 70% quality foam along w/ 159,950 lbs of 16/30 Arizona sand.

Tested Mesaverde for 12hrs on 3/4" choke, recovered trace of oil, 1600mcf and 10bbls of water. No tubing, FCP 95#.

Ran gamma ray-spectro log from 3560' to 4950'.

Set RBP at 1100', tested casing to 1000#. Held okay. Dumped sand on plug and TOH.

BH was leaking so we perforated at 700' w/2jspf, .340 inch diameter, total 2 shots fired. Circulated dye water to surface out BH. Squeezed with 200sxs class B. Circulated 64sxs to surface.

TIH with bit and tagged cmt at 615'. Drillout cement to 710'. Test squeeze to 750#. Held okay.

Tested MV and Dakota 6/3/96 for 2 hrs on 1/2" choke recovered trace of oil, 8bbls water, 1,400mcfld. Tubing still not landed. FCP 100#.

Tbg landed at 6537', flowed well for 2 hrs on 2" line. FTP 20#.

RDMOSU 6/3/96.