

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(SUBMIT IN TRIPLICATE*
(Other Instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 88401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

800' FSL x 1450' FEL

RECEIVED

RECEIVED
MAR 03 1986
OIL FIELD DIV

5. LEASE DESIGNATION AND SERIAL NO.

NM 14922

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Valencia Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

45M

10. FIELD AND POOL, OR WILDCAT

Basin DK/Blanco MV

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

SW/SE Sec. 34, T28N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

14. PERMIT NO.

FEB 27 1986

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

7188' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1. TEST WATER SHUT-OFF

2. PULL OR ALTER Casing

3. WATER SHUT-OFF

4. REPAIRING WELL

5. FRACTURE TREAT

6. MULTIPLE COMPLETE

7. FRACTURE TREATMENT

8. ALTERING Casing

9. SHOOT OR ACIDIZE

10. ABANDON*

11. SHOOTING OR ACIDIZING

12. ABANDONMENT*

13. REPAIR WELL

14. CHANGE PLANS

(Other) Completion

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved in and rigged up service unit on 10-4-85. Total depth of the well is 8585' and plugback depth is 8570'. Squeezed interval 6527'-6529', with 118 cu. ft. Class B cement. Pressure test did not hold so squeezed bottom DV tool with 118 cu. ft. Class B cement. Pressure tested production casing to 3800 psi for 30 minutes. Perforated the following Dakota intervals: 8428'-8448', 8480'-8530', 2 jspf, .42" in diameter, for a total of 140 holes. Fraced Dakota interval 8428'-8530' with 71,010 gal. 20# crosslinked gel and 78,000# 20-40 mesh brady sand. Cleaned out sand fills with nitrogen foam. Set a cast iron bridgeplug at 6475' and pressure tested to 3500 psi. Perforate the following Mesaverde intervals: 6172'-6234', 6288'-6304', 6340'-6364', 6386'-6428', 2 jspf, .46" in diameter, for a total of 288 holes. Fraced interval 6172'-6428' with 106,925 gal. 20# crosslinked gel and 110,000# 10-20 mesh brady sand. Clean out sand fills. Set a retrievable bridgeplug at 6140' and tested to 3500 psi. Perforated the following Mesaverde intervals: 5926'-5932', 5960'-5980', 6072'-6080', 2 jspf, .46" in diameter, for a total of 68 holes. Fraced interval 5926'-6080' with 60,000 gal. 20# crosslinked gelled water and 72,500# 20-40 mesh brady sand. Cleaned out fills with nitrogen foam and released the bridgeplug. Set a cast iron bridgeplug at 4200'. Perforated interval 4050'-4051', 4 jspf, .46" in diameter, for a total of 4 holes. Squeezed interval 4050'-4051' with 177 cu. ft. Class B cement. Perforated interval 3830'-3831', 4 jspf, .46" in diameter, for a

18. I hereby certify that the foregoing is true and correct

SIGNED

B. S. Shaw

TITLE Adm. Supervisor

DATE 2-21-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOC

total of 4 holes and squeezed with 177 cu. ft. Class B cement. Perforated interval 3700'-3701', 4 jsf, .46" in diameter, for a total of 4 holes and squeezed with 177 cu. ft. Class B cement. Perforated interval 4150'-4151' and squeezed with 59 cu. ft. Class B cement. Drilled cement and milled out bridgeplug. Cleaned out hole with nitrogen foam and landed 2-1/16" tubing at 6434'. Released the rig on 1-30-86. Attached is a temperature log showing the current top at 2908'.

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 *

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

RECEIVED

2. NAME OF OPERATOR

Amoco Production Co.

MAR 21 1986

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401 BUREAU OF LAND MANAGEMENT

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

At surface 800' FSL x 1450' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

9. WELL NO.

45M

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

SW/SE Sec. 34, T28N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

8-27-85

16. DATE T.D. REACHED

9-25-85

17. DATE COMPL. (Ready to prod.)

1-31-86

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

7203' KB

19. ELEV. CASINGHEAD

7188' GR

20. TOTAL DEPTH, MD & TVD

8585'

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

8570'

22. IF MULTIPLE COMPL., HOW MANY*

One

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

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

5926'-6428' Blanco Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP; CDL-CNL-GR-CAL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# K55	316'	12-1/4"	354 cf Class B	
7"	23#, 26#, K55	8585'	8-3/4"	371 cf Class B Portland	
				282 cf Class B Portland	
				1062 cf Class B Portland	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-1/16"	6434'	
					Cast iron bridge plug	6475'	

31. PERFORATION RECORD (Interval, size and number)

6172'-6234', 6288'-6304', 6340'-6364',
6386'-6428'. 2 jspf, .46" dia. 288 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6172'-6428'	106925 gal 20# xlink gel
	110000# 10-20 mesh brady sand
5926'-6080'	60000 gal 20# xlink gel wtr
	725000# 20-40 mesh brady sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3-6-86		Flowing					Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-7-86	3	.75"	→		320			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
206	668	→		25				

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

To be sold

35. LIST OF ATTACHMENTS

None

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

SIGNED

BS Shaw

TITLE

Adm. Supervisor

DATE

3-19-86

*(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.

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	3206'	3960'	31. Perfs: 5926'-5932', 5960'-5980', 6072'-6080', 2 jspf, .46" dia. 68 holes 4050'-4051', 4 jspf, .46" dia., 4 holes 3830'-3841', 4 jspf, .46" dia., 4 holes 3700'-3701', 4 jspf, .46" dia., 4 holes 3295'-3296', 4 jspf, .46" dia., 4 holes 4150'-4151', 4 jspf, .46" dia., 4 holes			
Fruitland	3960'	4080'				
Pictured Cliffs	4080'	5922'				
Cliffhouse	5922'	5988'				
Menefee	5988'	6260'				
Point Lookout	6260'	7660'				
Gallup	7660'	8354'				
Dakota	8354'	8600'				
			32. 4050'-4051' 177 cf Class B cement 3830'-3841' 177 cf Class B cement 3700'-3701' 177 cf Class B cement 3295'-3296' 59 cf Class B cement 4150'-4151' 59 cf Class B cement 6527'-6529' 118 cf Class B cement 118 cf Class B cement			