

(August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Resv. ☐ OTHER
2. Name of Operator
AMOCO PRODUCTION COMPANY
3. Address P.O. BOX 3092
HOUSTON, TX 77079 3a. Phone No.(include area code)
281.366.4491
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 945FWL 1275FSL
At top prod. interval reported below
At total depth
14. Date Spudded 08/10/1980 15. Date T.D. Reached 08/18/1980 16. Date Completed
☐ D & A ☒ Ready to Prod.
01/05/2000
5. Lease Serial No.
NM - 013860A
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
RUSSELL 2
9. API Well No.
3004524050
10. Field and Pool, or Exploratory
BLANCO MESAVERDE
11. Sec., T., R., M., on Block and Survey
or Area SWSW 24 28N 8W NMP
12. County or Parish SAN JUAN 13. State NM
17. Elevations (DF, RKB, RT, GL)*
GL 6238

18. Total Depth: MD 7312 TVD
19. Plug Back T.D.: MD 7271 TVD
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR
22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 250	9 625	36 000		309		250			
8 750	7 000	23 000		3500		800 650			
6 250	4 500	11 000		7312		420			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7051							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4398	5179	4398 TO 5179		69	
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4398 TO 4696	70 000 16/30 ARIZONA SAND & 70% Q FOAM
4784 TO 5179	80 000 16/30 ARIZONA SAND & 70% Q FOAM

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/03/2001	01/03/2001	12	→	1.0	550.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	210.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #2319 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

NMOCU

ACCEPTED FOR RECORD
JAN 31 2001
FARMINGTON FIELD OFFICE
BY *[Signature]*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE	4395	5179		CLIFFHOUSE	4400
				MENEFEE	4700
				POINT LOOKOUT	5000
				MANCOS	5600
				GRANERIS SHALE	6600
				GRANEROS SAND	6910
				DAKOTA	7100

32. Additional remarks (include plugging procedure):

ADDED MESAVERDE POOL AND DOWNHOLE COMMINGLED WITH THE DAKOTA PER ORDER R-11363.
FOR WELL DAILY WELL COMPLETION AND DOWNHOLE COMMINGLING ACTIVITY PLEASE SEE
ATTACHED SUBSEQUENT SUNDRY REPORT.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #2319 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.

Sent to the Farmington Field Office. Committed to AFMSS for processing by Maurice Johnson on 01/08/2001

Name(please print) MARY CORLEYTitle SUBMITTING CONTACT

Signature _____

Date 01/11/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

RUSSELL # 2
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
01/11/2001

12/20/2000 MIRUSU @ 09:00 hrs. NDWH & NU BOP's. TOH W/TBG. SDFN.

12/22/2000 TIH & set a CIBP @ 5350'. Load hole w/2% KcL water. Pressure Test CSG to 2500#. Held Ok. RU & run Gamma Log. RU & Perf Point Lookout & Lower Menefee: 340 inch diameter

Lower Menefee perforations, 2 spf, 120° phasing (7 shots/ 14 holes):
4784', 4812', 4820', 4860', 4875', 4923', 4965'

Upper Point Lookout Perforations, 1 spf, 120° phasing (9 shots/ 9 holes):
4978', 4985', 4987', 4995', 5003', 5010', 5015', 5020', 5030'

Lower Point Lookout Perforations, 2 spf, 120° phasing (9 shots/ 18 holes):
5050', 5065', 5090', 5100', 5125', 5131', 5150', 5158', 5179'

12/27/2000 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & TIH w/CIBP & set @ 4720'. RU & Perf Cliffhouse & Upper Menefee: 340 inch diameter

Cliffhouse perforations, 1 spf 120° phasing (12 shots/ 12 holes):
4395', 4412', 4414', 4420', 4433', 4440', 4448', 4452', 4468', 4475', 4480', 4485'

Menefee Perforations, 2 spf, 120° phasing (8 shots/ 16 holes):
4574', 4590', 4595', 4608', 4645', 4660', 4674', 4696'

RU & Frac w/70,000# of 16/30 Arizona Sand & 70% Foam. SDFN.

12/28/2000 RU & Flow back well thru $\frac{1}{2}$ " choke. Changed out choke to $\frac{1}{2}$ " and continued flowed back. TIH to TOL & SDFN.

12/29/2000 Continued TIH & tagged bridge @ 2415', circ out. TIH to 3145' & C/O to 4457'. Circ clean. PU above TOL & SDFN.

01/02/2001 TIH & tagged fill @ 4520'. Circ hole clean to top of CIBP set @ 4720'. DO CIBP. PU above TOL & flowed back well overnight.

01/03/2001 TIH & tag fill @ 5239'. Circ clean to top of CIBP set @ 5350'. DO CIBP. TIH & C/O to TPBD @ 7271'. PU above TOL & test well thru $\frac{1}{2}$ " choke for 12 hrs. 550 MCF gas, Trace WTR, Trace oil, CSG 210#

01/04/2001 TIH & tag 0 fill. PU above TOL & flow back thru 3" lines for 3 hrs. Installed $\frac{1}{2}$ " choke and flowed back overnight.

01/05/2001 TIH & Land 2 3/8" TBG @ 7051'. ND BOP's & NUWH. Pull TBG plug.

01/08/20001 RDMOSU. Rig Release @ 07:00 hrs.