

(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 ☐ Diff. Resvr.
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 1190FEL 1540FNL
At top prod. interval reported below 1150
At total depth

5. Lease Serial No.
NM - 21121

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
MONCRIFF FEDERAL 1

9. API Well No.
3004508084

10. Field and Pool, or Exploratory
KUTZ WEST PICTURED CLIFFS

11. Sec., T., R., M., on Block and Survey
or Area SWNE 22 29N 12W NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
07/01/1985

15. Date T.D. Reached
07/11/1985

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/06/2001

17. Elevations (DF, RKB, RT, GL)*
GL 5640

18. Total Depth: (2330) MD
TVD 6277

19. Plug Back T.D.: MD
TVD 2000

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/CCL/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	8.625	36.000		349.332		300	234		
7.875	4.500	11.000		631.0 6277		250	1563		

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	1715							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFF	1658	1707	1658 TO 1707		98	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1658 TO 1707	5.120 40/40 & 81.900 20/40 ARIZONA SAND, 70% N2

28. Production - Interval A

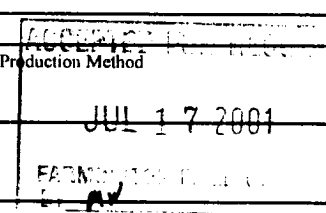
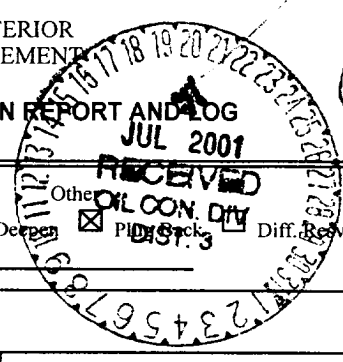
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/01/2001	04/01/2001		→	0.0	0.0	0.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 0.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
					N/K			GSI	

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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

ELECTRONIC SUBMISSION #3427 VERIFIED BY THE BLM WELL INFORMATION SYSTEM



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.)

OTHER

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
PICTURED CLIFFS	1658	1707		PICTURED CLIFFS	1660
				POINT LOOKOUT	3148
				MANCO	4380
				DAKOTA	6140

32. Additional remarks (include plugging procedure):

The subject well was recompletable from the Basin Dakota formation into the Kutz West Pictured Cliffs formation. Please see attached Recompletion Subsequent Report for well recompletion activity. Please note the well has not been tested. In order to process I applied 4/1/2001 in the test date and first production date. Waiting on Pumping unit and rods in order to test well and turn to production

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 #3427 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 03/06/2001

Name(please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature _____

Date 04/04/2001

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.

MONCRIEF FEDERAL NO. 1
RECOMPLETION SUBSEQUENT REPORT
04/04/2001

02/16/2001 MIRUSU. NDWH & NU BOPs. SDFN.

02/19/2001 ND BOP & remove TBG hanger & install TBG Sub & NU BOP over Sub. Attempt to unseat seal assembly in PKR. TBG stuck. TU & free TBG @ 3265'. TBG 100% stuck below this depth. Secure well & wait on BLM approval to plug without fishing TBG stuck in PKR.

02/20/2001 Obtain permission from Steve Mason W/BLM to plug Dakota formation thru TBG. 500 SXS SQZ done in 1991 sufficient to prove CMT behind 4 $\frac{1}{2}$ " CSG. RU & run 1.906 gauge ring to seating nipple @ 6200'. Set equalizing check valve in seating nipple & load TBG W/WTR. Test TBG string to 500#. Held OK. TIH. Mix & PMP 50 SXS CLS G NEAT CMT @ 15.8 PPG & place 2.5 BBLS ahead, drop Baker Wiper Plug & follow W/8 BBLS of CMT behind plug & displace wiper plug to 6200'. Bump plug & shut down. SDFN.

02/21/2001 TIH & tag CMT @ 4600'. Cut Prod TBG @ 3500' & TOH W/TBG. TIH W/CIBP & set @ 3250'. Load hole W/WTR. RU & run CBL/CCL/GR logs from 30' to 3244'. TOC @ 2400' & good bond from 150' to surface.

02/22/2001 TIH & spot balanced CMT plug W/25 SXS CMT @ 3250'. TOH & PU CIBP & reset @ 2000'. New PBTD for PC production. TOH. Press Test CSG & plug to 1400 PSI. Held OK. RU & shot 2 SQZ holes @ 1707'. Set PKR @ 500' & SQZ 100 SXS CLS G CMT @ 15.8 PPG. Place 18 BBLS outside of hole @ 1707', 3 BBLS of CMT inside SCG & walk SQZ up to 750 PSI. SDFN.

02/23/2001 Release PKR & TOH. ND BOP & remove old TBG head & replce with new. NU BOP. Tested seals to 1500 PSI. OK. TIH & DO CMT from 1313' tp 1686' & circ hole clean. SDFN.

02/26/2001 TIH & DO CMT from 1686' to 1702'. Circ hole clean to 2000'. TST SQZ to 500 PSI. OK. TOH. RU & run CBL/CCL/GR log & found bottom of good bond from SQZ @ 1782' & top @ 1630'. SDFN.

02/27/2001 RU & Perf Pictured Cliffs formation from 1658' to 1707' W/2 JSPF, .410 in diameter, total shots fired - 98. SDFN

02/28/2001 RU & Frac Pictured Cliffs formation w/1383 GALS 15% HCL ahead then 20842 GAL WTR, 5,120# of 40/40 & 81,900# 20/40 Arizona Sand, 70% N2 Foam & 20000# propnet. RU & Flow back W/ $\frac{1}{4}$ " choke W/watchman overnight to pit.

03/01/2001 Well flowed through $\frac{1}{4}$ " choke W/watchman overnight. Upsized choke to $\frac{1}{2}$ " & flowback for 7 hrs. Upsized choke to $\frac{3}{4}$ " & flowback for 10 hrs. Install 2" open line & flowback 2 hrs. Flowback well overnight thru $\frac{3}{4}$ " choke.

03/02/2001 TIH & C/O sand from 1818' to 2000'. Flowback well on 2" line. Total recovered to date 240 BBLS frac material.

03/05/2001 TIH & CIRC hole clean to PBTD @ 2000'. TOH. TIH W/ 2 3/8" Prod TBG & land @ 1715'. ND BOP. Pull TBG plug. SDFN.

03/06/2001 Prepare well for installation of pumping unit & rods to be installed at a later day. W/O installation of pumping unit & rods to perform well test. RDMOSU. Rig released @ 12:00 hrs.

Please note the well has not been tested. In order to process I applied 4/1/2001 in the test date and first production date. Waiting on Pumping unit and rods in order to test well and turn to production.