

(August 1999)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137

Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other _____		5. Lease Serial No. SF - 078414	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Drill Revs. <input type="checkbox"/> Other _____		6. If Indian, Allottee or Tribe Name _____	
2. Name of Operator AMOCO PRODUCTION COMPANY		7. Unit or CA Agreement Name and No. _____	
3. Address P.O. BOX 3092 HOUSTON, TX 77079		8. Lease Name and Well No. DAY 2F	
3a. Phone No. (include area code) 281.366.4491		9. API Well No. 3004524914	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1000FEL 1750FSL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
		11. Sec., T., R., M., on Block and Survey or Area NESE 8 29N 8W NMP	
		12. County or Parish SAN JUAN	13. State NM
14. Date Spudded 05/07/1981	15. Date T.D. Reached 05/14/1981	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/03/2001	
17. Elevations (DF, RKB, RT, GL)* KB 6393			

18. Total Depth: MD 7600 TVD	19. Plug Back T.D.: MD 7591 TVD	20. Depth Bridge Plug Set: MD 2000 TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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		285	268	250			
8.750	7.000	23.000		3774		700			
6.250	4.500	11.000	3587	7599		535			

## 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	7349							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4658	5582	4658 TO 5582		73	
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
4658 TO 5030	58.000 OF 16/30 ARIZONA SAND & 70% FOAM
4658 TO 5030	58.000 OF 16/30 ARIZONA SAND & 70% FOAM(2)
5093 TO 5582	80.000 OF 16/30 ARIZONA SAND & 70% 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
03/30/2001	03/30/2001	12	→	1.0	510.0	1.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4		180.0	→					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. SI	Csg. Press. SI	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 #3436 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.)

**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	4658	5582		LEWIS CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS GALLUP GRANEROS DAKOTA	3774 4653 4850 5201 5421 6352 7298 7326

32. Additional remarks (include plugging procedure):

Well is now downhole commingled with the Dakota formation. Please see attached Recompletion and Downhole Commingling Subsequent Report for recompletion activity

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 #3436 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 04/03/2001**

Name(please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ Date 04/05/2001

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.

DAY 2E  
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT  
04/04/2001

03/06/2001 MIRUSU @ 17:00 hrs. Spot EQPT & SDFN.

03/07/2001 NDWH & NU BOP's. TOH W/TBG. SDFN.

03/08/2001 RU, TIH & set a CIBP @ 5700'. 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

2 JSPF, 5 shots; 10 holes

5093', 5115', 5125', 5135', 5178',

1 JSPF, 14 shots; 14 holes

5235', 5242', 5258', 5273', 5280', 5285', 5295', 5310', 5320', 5334',  
5353', 5368', 5380', 5395',

2 JSPF, 9 shots, 18 holes

5430', 5445', 5453', 5490', 5515', 5526', 5556', 5572', 5582'

03/09/2001 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & TIH w/CIBP & set @ 5045'. RU & Perf Cliffhouse & Upper Menefee: 340 inch diameter

1 JSPF, 17 shots; 17 holes

4658', 4670', 4677', 4683', 4703', 4717', 4725', 4740', 4758', 4768',  
4783', 4788', 4800', 4810', 4814', 4820', 4856',

2 JSPF, 7 shots; 14 holes

4896', 4922', 4926', 4962', 4990', 5007', 5030'

03/10/2001 RU & Frac w/58,000# of 16/30 Arizona Sand & 70% Foam. Well Broke @ 2635# & declined down to 488#. RU & Flow back well thru  $\frac{1}{4}$ ".

03/12/2001 RD flowback tree. RU, TIH & tag fill @ 4365'. Circ hole clean to 4653'. Well would not flow. PU above TOL & SDFN.

03/13/2001 TIH & tag fill @ 4641'. Circ hole clean to top of CIBP set @ 5045'. DO CIBP, TIH & tag fill @ 5357'. Circ hole clean to 5700'. PU above perfs & flowed well on  $\frac{3}{4}$ " choke.

03/14/2001 TOH. TIH W/a 4  $\frac{1}{2}$ " BP & 4  $\frac{1}{2}$ " PKR & set BP @ 4622'. Load hole W/2% KcL WTR & tried to pressure test CSG. Moved PKR & continued to test CSG. TOH. TIH W/New PKR to test BP. SDFN.

03/15/2001 TIH W/ 4  $\frac{1}{2}$ " PKR just above BP. Could not get a test. Released PKR. Set below liner top & attempted to test. Would not test. TOH & SDFN.

03/16/2001 TIH W/4  $\frac{1}{2}$ " PKR & set just inside of 4  $\frac{1}{2}$ " CSG. Tested to 1000#. Held OK. TOH & SDFN.

03/19/2001 TIH W/ 7" PKR & set @ 2225'. Tested up hole & isolated hole from 379' to 411'. Opened up Bradenhead & had full circ to surface.

03/20/2001 Notified Jim Lovato of status of well and obtain verbal approval to repair damage CSG. Followed up with Sundry Notice of intent 4/20/2001

03/21/2001 TIH & set 7" PKR @ 158'. RU & broke circ thru Bradenhead valve. Closed Bradenhead & pumped Ca2 & Dowell Zone Block, mixed & pumped 50 SXS of RAS CMT. Displaced 2 BBLs. Shut down for 30 mins. Opened up Bradenhead & broke circ. Mixed & pumped 90 SXS of RFC 10-2 CMT. Displaced to below PKR. Shut bradenhead valve & did a hesitate SQZ to 550#. Shut well in overnight W/550# on it.

03/22/2001 Released PKR & TOH. TIH & tagged CMT top @ 221'. DO CMT to 472'. Circ hole clean & tested 7" CSG to 500#. Held OK. TOH. TIH & C/O to top of BP. TOH W/BP & PKR. SDFN.

03/23/2001 TIH & set CIBP @ 5045'. Tested BP to 1500#. Held OK. TOH. TIH W/PKR & set @ 2000'. SDFN.

03/26/2001 RU & Re-Frac the Cliffhouse W/58,000# 16/30 Arizona Sand & 70% Foam & N2. RU flowback tree & flowed well to pit thru  $\frac{1}{4}$ " choke.

03/27/2001 Well flowed overnight thru  $\frac{1}{4}$ " choke. Upsized choke to  $\frac{1}{2}$ " & flow back 4 hrs. Upsized to  $\frac{3}{4}$ " choke. SDFN.

03/28/2001 Flowed well thru  $\frac{3}{4}$ " choke, making WTR & sand. SDFN.

03/29/2001 TIH & tag fill @ 4631'. Circ clean to top of CIBP set @ 5045'. DO CIBP. TIH & C/O. PU above TOL & flow back on  $\frac{3}{4}$ " choke.

03/30/2001 TIH & tag fill @ 5544'. Circ hole clean to 5700'. DO CIBP set @ 5700' & circ hole clean to PBTD @ 7591' PU above TOL & test well on  $\frac{3}{4}$ " choke. 510 MCF gas, Trace WTR, Trace oil.

04/02/2001 TIH & tag fill @ 7581'. Circ clean to PBTD. PU above perms & flowback. SDFN.

04/03/2001 TIH & found 0 fill. TOH. TIH W/ 2  $\frac{3}{8}$ " Prod TBG & land @ 7349'. ND BOP's & NUWH. Pull TBG plug. Start rig down

04/04/2001 RDMOSU. Rig Release @ 11:00 hrs.