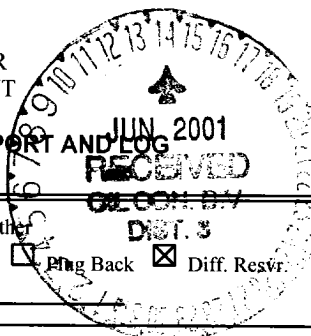


(August 1999)

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. SF - 077112	
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"/> Diff. Resrv.		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. WARREN 1F	
3a. Phone No. (include area code) 281.366.4491		9. API Well No. 3004526060	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1140FWL 530FNL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
14. Date Spudded 09/23/1984		15. Date T.D. Reached 10/01/1984	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/26/2001
18. Total Depth: MD 6860 TVD		19. Plug Back T.D.: MD 6826 TVD	20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL	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)
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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		283		225			
8.750	7.000	23.000		3635		465			
6.000	4.500	11.000	3476	6857		365			

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	6596							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4114	4894	4114 TO 4894		71	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4114 TO 4497	67.000 16/30 ARIZONA SAND & 70% FOAM
4560 TO 4894	80.000 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
03/22/2001	03/22/2001	12	→	1.0	340.0	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
			→						2001
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 #3412 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	4114	4894		OJO ALAMO KIRKLAND FRUITLAND PICTURED CLIFFS LEWIS CHACRA CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS GALLUP GRANEROS DAKOTA	1315 1432 2082 2302 2375 2878 3959 3997 4555 4919 5741 6560 6620

32. Additional remarks (include plugging procedure):
Well completed in the Balco Mesaverde and downhole commingled with the Dakota.
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 #3412 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 03/26/2001

Name(please print) MARY CORLEY Title 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.

WARREN 4
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
04/03/2001

03/14/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP's. SDFN.

03/15/2001 TOH W/ TBG. SDFN.

03/16/2001 RU, TIH & set a CIBP @ 5060'. Load hole w/2% KcL water. Pressure Test CSG to 2500#. Held Ok. RU & run CBL Log. RU & Perf 1st stage W/. 340 inch diameter, as follows:

Upper Point Lookout perforations, 1 JSPF, 120° phasing (15 shots/ 15 holes):

4560', 4566', 4576', 4584', 4589', 4602', 4614', 4621', 4626', 4644', 4653', 4659',
4666', 4681', 4690'

Lower Point Lookout perforations, 2 JSPF, 120° phasing (11 shots/ 22 holes):

4701', 4720', 4734', 4752', 4788', 4795', 4817', 4833', 4873', 4885', 4894'

03/19/2001 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & TIH w/CIBP & set @ 4125'. RU & Perf 2nd stage W/.340 inch diameter as follows:

Menefee perforations, 2 JSPF, 120° phasing (17 shots/ 34 holes):

4114', 4125', 4138', 4184', 4198', 4211', 4225', 4246', 4284', 4288', 4354',
4360', 4404', 4414', 4450', 4460', 4497'

RU & Frac w/67,000# of 16/30 Arizona Sand & 70% Foam. RU & Flow back well thru $\frac{1}{4}$ " Overnight.

03/20/2001 Flow back well on $\frac{1}{4}$ " choke. Upsized to $\frac{1}{2}$ " choke & flowed back then upsized to $\frac{3}{4}$ " choke.

03/21/2001 TIH & tag fill @ 4980'. Circ clean to top of CIBP set @ 5060'. PU above TOL & flowed back on $\frac{3}{4}$ " choke overnight.

03/22/2001 TIH & tag fill @ 5040'. Circ clean to top of CIBP set @ 5060'. PU above perfs & flow test well 12 hrs. on $\frac{3}{4}$ " choke - 340 MCF gas, Trace WTR, Trace oil. CSG 210#.

03/23/2001 TIH & tag fill @ 5050'. Circ clean to top of CIBP set @ 5060'. DO CIBP. TOH. TIH & C/O to PBTD @ 6826'. PU above TOL, secure well & SDFN

03/26/2001 TIH & tag fill @ 6820'. C/O to PBTD. TOH. TIH & W/ 2 3/8" production TBG & Land @ 6596'. ND BOP's & NUWH.

03/27/2001 RDMOSU. Rig Released @ 09:00 hrs.