Form 3160-4
(August 1999)

UNITED STATES
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

5. Lease Serial No. NMSF - 080597

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: AMOCO PRODUCTION COMPANY
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

8. Lease Name and Well No.: TALLANT 1

3. Address: P.O. BOX 3092, HOUSTON, TX 77253
3a. Phone No. (include area code): Ph: 281.366.4491

9. API Well No.: 30-045-29058

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NWSE Tract J 1510FSL 1460FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area: Sec 26 T30N R8W Mer NMP

12. County or Parish: SAN JUAN
13. State: NM

14. Date Spudded: 01/22/1994
15. Date T.D. Reached: 02/03/1994
16. Date Completed: ☐ D & A ☒ Ready to Prod. 11/26/2001
17. Elevations (DF, KB, RT, GL)*: 5938 GL

18. Total Depth: MD 7435 TVD
19. Plug Back T.D.: MD 7400 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL & GR

22. Was well cored? ☐ No ☒ Yes (Submit analysis)
Was DST run? ☐ No ☒ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375	61.0	0	440		500		0	
12.250	9.625	36.0	0	3030		1275		1900	
8.750	7.000	23.0	0	6984		775		2600	
6.250	4.500	10.5	6749	7435		100			

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	7068							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	4467	5259	4467 TO 4566	3.125	18	
B)				4619 TO 4763	3.125	26	
C)				4884 TO 4957	3.125	16	
D)				4987 TO 5259	3.125	18	

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

Depth Interval	Amount and Type of Material
4884 TO 5259	80,859# OF 16/30 BRADY SAND & 70% FOAM & N2
4467 TO 4763	78,924# OF 16/30 BRADY SAND & 70% FOAM & 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
11/19/2001	11/19/2001	12	→	1.0	363.0	1.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI 0	Csg. Press. 90.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
								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.	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 #9590 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

ACCEPTED FOR RECORD
FEB 22 2002
FARMINGTON FIELD OFFICE
BY

NMOCD

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	4467	5259		OJO ALAMO	1725
				KIRTLAND	1825
				FRUITLAND	2485
				PICTURED CLIFFS	2766
				LEWIS	2915
				GREENHORN	6835
				GRANEROS	7002
				DAKOTA	7061
				MORRISON	7382

32. Additional remarks (include plugging procedure):
Well completed into the Mesaverde formation and downhole commingled with the existing Dakota formation. Please see attached Subsequent Report for well work 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 #9590 Verified by the BLM Well Information System.
For AMOCO PRODUCTION COMPANY, sent to the Farmington

Name *(please print)* MARY CORLEY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 12/04/2001

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

TALLANT 1
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
12/03/2001

PLEASE NOTE ON SUNDRY NOTICE OF INTENT TO DOWHOLE COMMINGLE WE STATED THAT IT WAS OUR INTENT TO TEST THE DAKOTA THEN ISOLATE AND COMPLETE INTO THE MESAVERDE. THIS WAS IN ERROR. IT WAS OUR INTENT TO ISOLATE THE DAKOTA AND COMPLETED INTO THE MESAVERDE, STABLIZE FLOW RATE AND TEST THE WELL FOR A MESAVERDE FLOW RATE. THEN OPEN THE DAKOTA AND COMBINE TEST THE TWO ZONES, SUBTRACT OUT THE MESAVERDE TEST RATE TO DETERMINE THE DAKOTA RATE FOR A FIXED PERCENTAGE ALLOCATION.

11/08/2001 MIRUSU @ 07:30:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. SDFN.

11/09/2001 TIH & set a CIBP @ 6800'. Load hole w/2% KcL water. Pressure test CSG to 2500#. Held OK. RU & run CBL & GR log. Had good bond. SDFN.

11/12/2001 RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Upper Point Lookout Perforations, 2 spf (8 shots/ 16 holes):
4844', 4868', 4878', 4894', 4902', 4922', 4956', 4957'

Lower Point Lookout Perforations, 1 spf (18 shots/ 18 holes):
4987', 4990', 4994', 4998', 5006', 5010', 5014', 5016', 5030', 5064', 5078', 5116', 5122', 5177', 5207', 5233', 5253', 5259'

11/13/2001 RU & Frac w/80,859# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4775'. RU & Perf Cliffhouse & Menefee: 3.125 inch diameter

Cliffhouse Perforations, 1 spf (18 shots/ 18 holes)
4467', 4474', 4478', 4483', 4486', 4490', 4497', 4503', 4508', 4515', 4522', 4527', 4534', 4540', 4545', 4552', 4560', 4566'

Menefee Perforations ,2 spf (13 shots/ 26 holes)
4619', 4639', 4673', 4683', 4693', 4714', 4723', 4736', 4740', 4754', 4763'

11/14/2001 RU & Frac w/78,924# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru $\frac{1}{4}$" choke overnight.

11/15/2001 Flowback well thru $\frac{1}{4}$" choke. @ 07:00 hrs upsized to $\frac{1}{2}$" choke. @ 10:00 hrs upsized to $\frac{3}{4}$" choke & flowback overnight.

11/16/2001 TIH & tag fill @ 4675'. Circ hole clean to top of CIBP set @ 4775'. PU above perfs & flow back thru $\frac{3}{4}$" choke.

11/17/2001 TIH to top of CIBP @ 4775' & DO CIBP. Circ hole clean. PU above perfs & flow back well on $\frac{3}{4}$" choke overnight.

11/19/2001 TIH & tag fill @ 6620'. Circ hole clean to top of CIBP set @ 6800'. PU above perfs & flow test the Mesaverde 12 hrs. thru ¾" choke, 363 MCF Gas, Trace WTR, Trace oil. CSG 90 PSI.

11/20/2001 TIH & tag fill @ 6668'. Circ hole clean. SDFN.

11/21/2001TIH & DO CIBP set @ 6800'. TIH 7 tag fill @ 7360'. Circ clean to PBTD @ 7400'. TOH. Prep well for flow test. SDF Holiday.

11/24/2001 Flow test combined Dakota/Mesaverde 12 hrs thru ¾" choke, 525 MCF, Trace Oil, Trace WTR, CSG 130 PSI. Combined 525 - Mesaverde 363 = Dakota 162.

Allocation of Production		**Fixed Percentage**
Mesaverde	**363 MCF**	**69%**
Dakota	**162 MCF**	**31%**

11/25/2001 Flow test well thru ¾" choke - 1051 MCF, Trace Oil, Trace WTR, CSG 130#.

11/26/2001 TIH & tag fill @ 7395'. Circ hole clean to PBTD. TIH W/ 2 3/8" production TBG & land @ 7069'. ND BOP's & NUWH. Pull TBG plug.

11/27/2001 RDMOSU. Rig Release @ 12:00 hrs.