

(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 ☐ Other ☐
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 1685FWL 1510FNL
At top prod. interval reported below 1685FWL 1510FNL
At total depth 1685FWL 1510FNL

14. Date Spudded 08/26/2003

15. Date T.D. Reached 09/02/2003

16. Date Completed ☐ D & A ☒ Ready to Prod. 11/02/2000

5. Lease Serial No.
SE 078502

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
VANDEWART 2E

9. API Well No.
3004525179

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

11. Sec., T., R., M., on Block and Survey
or Area NENW 13 29N 8W NMP

12. County or Parish
SAN JUAN

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
KB 6358

18. Total Depth: MD 7570
TVD

19. Plug Back T.D.: MD 7565
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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		318		270			
8 750	7 000	23 000		3660		552			
6 000	4 500	11 000	3502	7570			732		

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	7460							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	3095	5658	4690 TO 5524		60	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4690 TO 5070	80,000 16/30 ARIZONA SAND & 70% O N2 FOAM
5182 TO 5524	80,000 16/30 ARIZONA SAND & 70% O N2 FOAM(2)

28. Production - Interval A

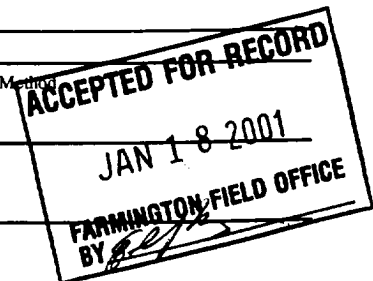
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/30/2000	10/30/2000	14	→	1.0	700.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	25.0	→					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.	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 #1871 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):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				OJO ALAMO	2120
				KIRTLAND	2250
				FRUITLAND	2840
				PICTURED CLIFFS	3095
				LEWIS	3150
				CHACRA	3850
				CLIFFHOUSE	4780
				MENEFEE	4850
				POINT LOOKOUT	5226
				MANCOS	5658
				GALLUP	6484
				GRANEROS	7280
				DAKOTA	7326

32. Additional remarks (include plugging procedure):

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 #1871 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.
Sent to the Farmington Field Office.

Name(please print) MARY CORLEY Title SUBMITTING CONTACT

Signature _____ Date 11/03/2000

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.

Vandewart 2E
DOWNHOLE RECOMPLETION SUBSEQUENT REPORT
11/3/2000

10/18/2000 MIRUSU @ 13:0 hrs. NDWH & NU BOPs TO 500#. TOH W/TBG. SDFN.

10/19/2000 TIH w/CIBP & set @ 5650'. Load hole w/2% KCL WTR. Press test CSG to 2500#. Held OK. Run CBL log over Mesaverde interval. SDFN.

10/20/2000 RU & perf as follows:

Lower Menefee Perforations, 2 spf, 120° phasing (2 shots/ 4 holes)
5182', 5202'

Upper Point Lookout Perforations, 1 spf, 120° phasing (10 shots/ 10 holes)
5230', 5240', 5250', 5260', 5270', 5285', 5298', 5325', 5335', 5350'

Lower Point Lookout Perforations, 2 spf, 120° phasing (9 shots/ 18 holes)
5375', 5395', 5420', 5435', 5452', 5460', 5498', 5510', 5524'

10/24/2000 RU & Frac Point Lookout & Menefee w/80,000# 16/30 Arizona Sand & 70 % Q N2 Foam. RU & TIH w/CIBP & set @ 5110'. RU & perf Cliffhouse as follows:

Lower Lewis Perforations, 2 spf, 120° phasing (6 shots/ 12 holes)
4690', 4695', 4710', 4715', 4740', 4765'

Cliffhouse Perforations, 1 spf, 120° phasing (9 shots/ 9 holes)
4785', 4790', 4795', 4805', 4818', 4820', 4832', 4840', 4845'

Upper Menefee Perforations, 2 spf, 120° phasing (7 shots/ 14 holes)
4855', 4935', 4942', 5012', 5045', 5052', 5070'

10/25/2000 RU & Frac Cliffhouse w/80,000# 16/30 Arizona Sand & 70 % Q N2 Foam. RU & flow back overnight to pit thru $\frac{1}{4}$ " choke

10/26/2000 Continued to flow back well to C/O upsized to $\frac{3}{4}$ " choke.

10/27/2000 TIH & tagged fill @ 4991'. RU air & circ hole clean to top of CIBP set @ 5110'. PU above perms & SDFN.

10/30/2000 RU & TIH & tagged fill @ 5071'. RU & circ hole clean to 5110'. DO CIBP set @ 5110'. Circ hole clean to CIBP set @ 5650'. PU above liner top & flow tested well thru $\frac{3}{4}$ " choke 14 hrs. 700 MCF, trace WTR, trace oil.

10/31/2000 TIH & tagged fill @ 5648'. Circ clean to CIBP @ 5650'. Drill out CIBP & TIH to 7540'. PU above liner top & flowed well thru 3" line.

11/01/2000 TIH w/TBG & land @ 7460'. ND BOP & NUWH. Pull TBG plug. Shut well in.

Vandewart 2E
DOWNHOLE RECOMPLETION SUBSEQUENT REPORT
11/3/2000

11/02/2000 RDSUMO. Rig release @ 06:00 hrs.