

(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. Resrv.  
Other \_\_\_\_\_

2. Name of Operator  
AMOCO PRODUCTION COMPANY

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1180FEL 1020FNL  
At top prod. interval reported below  
At total depth

5. Lease Serial No.  
NM-010989

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HUBBARD A 1

9. API Well No.  
3004523435

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

11. Sec., T., R., M., on Block and Survey  
or Area SESE 30 32N 11W NMP

12. County or Parish SAN JUAN 13. State NM

14. Date Spudded 11/23/1979 15. Date T.D. Reached 12/03/1979 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/23/2001

17. Elevations (DF, RKB, RT, GL)\*  
GL 6533

18. Total Depth: MD 7930 TVD 19. Plug Back T.D.: MD 5950 TVD 20. Depth Bridge Plug Set: MD TVD

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

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		245		225			
8 750	7 000	23.000		3750		740			
6 250	4 500	11.000	3582	7905		575			

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	5755							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MEASVERDE	4710	5781	4710 TO 5781		102	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5490 TO 5781	80,000 LB 16/30 ARIZONA SAND & 70% N2 FOAM
5208 TO 5434	80,000 LB 16/30 ARIZONA SAND & 70% N2 FOAM(2)
4710 TO 5081	80,000 LB 16/30 ARIZONA SAND & 70% N2 FOAM(3)

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/18/2001	04/18/2001	12	→	1.0	525.0	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	

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
			→						
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 #3941 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

ACCEPTED FOR  
MAY 10 2001  
FARMINGTON FIELD  
BY

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
MESAVERDE	4710	5781			

32. Additional remarks (include plugging procedure):  
**NO REMARK PROVIDED**

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 #3941 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 04/23/2001**  
 Name(*please print*) MARY CORLEY Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ Date 05/01/2001

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.

HUBBARD A 1  
RECOMPLETION SUBSEQUENT REPORT  
05/01/2001

04/05/2001 MIRUSU. NDWH & NU BOPs. TOH w/TBG. SDFN.

04/06/2001 RU & TIH & set CIBP @ 7650'. Loaded hole w/2% KcL water. RU & spotted 100' CMT plug from 7650' to 7550'. PU & spotted 2<sup>nd</sup> PLG across the Gallup from 6754' - 6674'. TOH w/TBG. SDFN.

04/10/2001 RU & TIH & set CIBP @ 5950', new PBTD. Tested Plug to 2,500#. Held Ok. RU & Perf 1<sup>st</sup> stage - Point Lookout formation follows:

Upper Point Lookout Perforations, 1 JSPF, 120° phasing (13 shots/ 13 holes):

5490', 5498', 5504', 5514', 5520', 5528', 5536', 5542', 5556', 5564', 5570', 5580', 5586'

Lower Point Lookout Perforations, 2 JSPF, 120° phasing (12 shots/ 24 holes):

5606', 5616', 5640', 5656', 5674', 5708', 5724', 5729', 5749', 5755', 5779', 5781'

04/12/2001 RU & Frac 1<sup>st</sup> Stage & pumped w/80,000# of 16/30 Arizona Sand & 70% N2 Foam. RU, TIH & set cast iron bridge plug @ 5450'. Perf 2<sup>nd</sup> stage - as follows:

Menefee Perforations, 2 JSPF, 120° phasing (14 shots/ 28 holes):

5208', 5244', 5275', 5285', 5290', 5316', 5326', 5347', 5370', 5384', 5390', 5420', 5426', 5434'

RU & Frac 2<sup>st</sup> Stage & pumped w/80,000# of 16/30 Arizona Sand & 70% N2 Foam. RU Flow back tree. RU, TIH & set cast iron bridge plug @ 5120'. Perf 3<sup>rd</sup> stage - as follows:

Lower Lewis Perforations, 2 JSPF, 120° phasing (10 shots/ 20 holes):

4710', 4742', 4750', 4800', 4804', 4834', 4847', 4857', 4908', 4930'

Cliffhouse Perforations, 1 JSPF, 120° phasing (17 shots/ 17 holes):

4942', 4947', 4954', 4960', 4968', 4977', 4985', 5000', 5016', 5022', 5031', 5038', 5046', 5055', 5059', 5071', 5081'

RU & Frac 3<sup>rd</sup> Stage & pumped w/80,000# of 16/30 Arizona Sand & 70% N2 Foam. Installed  $\frac{1}{4}$ " choke & flowed back frac to pit.

04/13/01 Well flowed through  $\frac{1}{4}$ " choke all night. Recovering Sand & WTR. Upsized choke to  $\frac{1}{2}$ " and worked it up top  $\frac{3}{4}$ ". Well making small amount of sand. SDFN.

04/16/2001 RU, TIH & tag fill @ 4964'. Circ hole clean to the top of CIBP set @ 5120'. PU above TOL & SDFN.

04/17/2001 TIH & tag fill @ 5060'. CIRC hole clean to the top of CIBP set @ 5120'. DO CIBP. TIH & tag fill @ 5330'. Circ hole clean to top of CIBP set @ 5450'. DO CIBP @ 5450'. TIH & tag fill @ 5860'. C/O to 5920'. PU above TOL & flowed well thru  $\frac{3}{4}$ " choke.

04/18/2001 TIH & tagged fill @ 5910'. Circ hole clean to PBTD. PU above TOL & flowed tested well on  $\frac{3}{4}$ " choke for 12 hrs. 525 MCF gas, trace oil, trace WTR.

04/19/2001 TIH & found 0 fill. TOH & SDFN.

04/20/2001 TIH W/ 2 3/8" Prod. TBG & land @ 5755'. ND BOP & NU WH. Pull TBG plug.

04/23/2001 RDMOSU. Rig released @ 14:30 hrs.