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. USA-SF - 078414

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. DAY 4

3. Address: P.O. BOX 3092, HOUSTON, TX 77253
3a. Phone No. (include area code): Ph: 281.366.4491 Fx: 281.366.0700

9. API Well No. 30-045-23513

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: SENW Lot F 1590FNL 1450FWL
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 8 T29N R8W Mer NMP

12. County or Parish SAN JUAN
13. State NM

14. Date Spudded 10/06/1979
15. Date T.D. Reached 10/15/1979
16. Date Completed ☐ D & A ☐ Ready to Prod. 08/09/2001
17. Elevations (DF, KB, RT, GL)* 6410 GL

18. Total Depth: MD 7630 TVD
19. Plug Back T.D.: MD 7601 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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)	Casing Top*	Amount Pulled
13.750	9.625	36.000		224		200			
8.750	7.000	23.000		3639		710			
6.250	4.500	11.000	3435	7620		525			

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	7382							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4965 — 5132 TO 5537	80,000LBS 16/30 ARIZONA SAND, 70% QUALITY 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
	8-1	2	→	0	2	0			
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
2/4		230	→		1050				

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**	
			→						

ACCEPTED FOR RECORD
SEP 27 2001
FARMINGTON FIELD OFFICE
BY

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #6342 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
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NMOCD

K

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.)*
UNKNOWN

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

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 #6342 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.
Sent to the Farmington. Committed to AFMSS for processing by Lucy Bee on 08/14/2001 ()

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

Signature _____ Date 08/10/2001

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.

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DAY 4

RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT

08-09-2001

07/26/2001 MIRUSU @ 10:00 hrs. NDWH & NU BOP. TOH w/TBG.

07/31/2001 RU & TIH & set CIBP @ 5650'. Loaded hole W/2% KcL WTR & pressure tested CSG to 2500#. Test OK. RU & Ran GR log. RU & Perf Point Lookout & Lower Menefee as follows w/3.125 inch diameter:

Lower Menefee perforations, 2 jspf, 120° phasing (6 shots/ 12 holes):
5132', 5142', 5150', 5186', 5196', 5222'
Upper Point Lookout Perforations, 1 jspf, 120° phasing (17 shots/ 17 holes):
5246', 5254', 5268', 5274', 5280', 5290', 5300', 5306', 5318', 5324', 5340', 5344', 5350', 5370', 5374', 5384', 5392'
Lower Point Lookout Perforations, 2 jspf, 120° phasing (6 shots/ 12 holes):
5414', 5430', 5452', 5476', 5517', 5537'

08/03/2001 RU & 1st stage w/80,000# of 16/30 Arizona Sand & 70% Quality Foam & N2. RU & TIH w/CIBP & set @ 5050'. RU & Perf Cliffhouse & Menefee as follows w/3.125 inch diameter:

Cliffhouse perforations, 1 jspf 120° phasing (22 shots/ 22 holes):
4665', 4678', 4684', 4689', 4705', 4708', 4716', 4720', 4731', 4740', 4756', 4770', 4788', 4794', 4800', 4808', 4816', 4824', 4832', 4856', 4862', 4866'
Menefee Perforations, 2 jspf, 120° phasing (8 shots/ 16 holes):
4880', 4903', 4928', 4944', 4962', 4978', 5016', 5024'

RU & Frac 2nd stage w/80,000# of 16/30 Arizona Sand & 70% Quality Foam & N2. RU & Flow back well thru ¼" choke.

08/06/2001 TIH & tag fill @ 4920'. RU & CIRC hole & C/O to top of CIBP @ 5050'. DO CIB. PU above TOL & flowed well through a ¾" choke all night.

08/07/2001 TIH & tag up @ 5510'. CIRC hole clean to top of CIBP set @ 5650'. DO CIBP. C/O to PBTD @ 7610'. PU above liner & flow test through ¾" choke was after 12 hrs. Test the flow rate was 2.10 MMCFD.

08/08/2001 TIH to PBTD & found no fill. PU above TOL & flowback well thru 3" lines. TIH & found 0 fill. TOH. SDFN.

08/09/2001 TIH w/2 3/8" Prod TBG & land @ 7382'. NDBOP's & NUWH. RU & pull TBG plug. SI well.

08/10/2001 RDMOSU. Rig Release @ 07:00 hrs.