

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

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

2. Name of Operator
BP America Production Company
3. Address
501 West Lake Pk. 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 *2525' FNL & 1960' FEL Unit G*
At top prod. interval reported below
At total depth

14. Date Spudded *05/14/2003*
15. Date T.D. Reached *05/20/2003*
16. Date Completed *06/17/2003*
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD *7536'* TVD *7536'*
19. Plug Back T.D.: MD *7530'* TVD *7530'*
20. Depth Bridge Plug Set: MD *7530'* TVD *7530'*

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 Linc 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
<i>13.5</i>	<i>H-40</i>	<i>18.2</i>	<i>0</i>	<i>224'</i>		<i>160 SXS</i>		<i>0</i>	
<i>8.25</i>	<i>K-55</i>	<i>20</i>	<i>0</i>	<i>3273'</i>		<i>387 SXS</i>		<i>0</i>	
<i>6.25</i>	<i>I-55</i>	<i>11.6</i>	<i>0</i>	<i>7535'</i>		<i>366 SXS</i>		<i>3273'</i>	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<i>2 3/8</i>	<i>7487'</i>							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <i>DAKOTA</i>	<i>7327</i>	<i>7532</i>	<i>7327 - 7532</i>	<i>.330</i>	<i>60</i>	<i>PRODUCING</i>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<i>7327 - 7532</i>	<i>72,300 # of 20/40 Resin SAND & Stickwater</i>

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
<i>6/4/03</i>	<i>6/5/03</i>	<i>12</i>	<i>→</i>	<i>1</i>	<i>210</i>	<i>1</i>			<i>Flowing</i>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<i>3/4</i>	<i>0</i>	<i>30</i>	<i>→</i>		<i>420</i>			<i>PRODUCING</i>	

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
			<i>→</i>						<i>JUL 11 2003</i>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			<i>→</i>						<i>FARMINGTON FIELD OFFICE</i>

(See instructions and spaces for additional data on reverse side)

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.)

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
				Pictured Cliffs	3067
				Lewis Shale	3194
				Cliff House	4584
				Mesa Verde	4821
				Point Lookout	5262
				Manco	5702
				Greenhorn	7218
				Graneros	7278
				Two Wells	7326
				Paguate	7417
				Upper Cubero	7456
				Lower Cubero	7485
				Encinal Canyon	7525

32. Additional remarks (include plugging procedure):

WELL IS DHC WITH MESAVERDE COMPLETION

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)*

Name (please print) Mary Corley Title Dr. Regulatory Analyst
Signature Mary Corley Date 07-08-2003

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.

HUGHES A 4M
COMPLETION SUBSEQUENT REPORT
06/27/2003

05/29/2003 RU & run CBL log under 1000# pressure. Pressure test CSG to 4500# test ok.
RU & Perf the Dakota with 3 SPF, 120° phasing as follows: .330 inch diameter, 20 Shots /
60 Holes

7532, 7527, 7504, 7491, 7485, 7469, 7460, 7455, 7437, 7431,
7424, 7417, 7407, 7401, 7359, 7353, 7347, 7340, 7333, 7327

05/30/2003 RU & Frac w/72,300# of 20/40 Resin Sand & Slickwater.

05/31/2003 ND BOP & Frac Valve. NU Flow back cross & BOP. SI Well.

06/02/2003 TIH & tag fill @ 7464'. C/O to 7480'. PU above perfs & flow back thru ¾" choke
overnight.

06/03/2003 TIH & tag fill @ 7428'. C/O to PBTD @ 7530'. PU above perfs, & SDFN.

06/04/2003 TIH & tag 0 fill. PU above perfs & flow back thru ¾" choke overnight.

06/05/2003 RU & flow test well for 12 hrs. thru ¾" choke. 420 MCFD gas, FCP 30#. Trace
BBLs WTR, Trace Oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

06/06/2003 RU & TIH w/CIBP & set @ 5500'. RU & load hole w/2% KcL WTR. Pressure test
CSG to 1500 psi. RU & perf Point Lookout & Menefee, 120° phasing as follows, .330 inch
diameter, 3 JSPF 20 Shots / 60 Holes

5387, 5380, 5373, 5367, 5360, 5353, 5346, 5339, 5333, 5325,
5313, 5308, 5299, 5292, 5286, 5280, 5274, 5263, 5208, 5181

06/09/2003 RU & Frac w/91,994# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH &
set CIBP @, 5022'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .330 inch
diameter, 3 JSPF 20 Shots / 60 Holes

4866, 4816, 4806, 4800, 4794, 4789, 4781, 4766, 4757, 4747,
4736, 4730, 4721, 4714, 4700, 4693, 4669, 4621, 4597, 4584

RU & Frac w/88,887# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow
back head. Open well on ¼" choke & flow back for 8 hrs. Upsized choke to ½" flowed back
overnight.

06/10/2003 Flowed back well thru ½" choke. @ 06:00 hrs upsized choke to ¾" & flowed
back to pit overnight.

06/11/2003 Flowed back well thru $\frac{3}{4}$ " choke. TIH & tag 222' of fill'. C/O to CIBP set @ 5022'. PU above perfs & flow back thru $\frac{3}{4}$ " choke overnight.

06/12/2003 Flowed back well thru $\frac{3}{4}$ " choke. TIH & tag fill @ 5010'. C/O to CIBP & mill out . TIH & tag fill @ 5444'. C/O to CIBP @ 5500'. PU above perfs & prep well for flow test. Flow test well thru $\frac{3}{4}$ " choke for 12 hrs. 1400 MCFD gas, FCP 98#, Trace WTR, Trace oil.

06/13/2003 TIH & tag 12' of fill. C/O to CIBP set @ 5500'. DO CIBP. TIH & tag fill @ 7524'. C/O to PBTD @ 7530'. PU above perfs & flow back thru $\frac{3}{4}$ " choke w/watchman.

06/16/2003 TIH & tag 3' of fill. Circ hole clean to PBTD. RU & flow well to pit..

06/17/2003 Flow well to pit. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7487'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 14:00 hrs.