

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

SF 078049

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

BP America Production Company Attn: Cherry Hlava

3. Address

P.O. Box 3092 Houston, TX 77253

3a. Phone No. (include area code)

281-366-4081

8. Lease Name and Well No.

HUGHES C 3

9. API Well No.

30-045-07764 C2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 990' FSL & 990' FWL

At top prod. interval reported below 990' FSL & 990' FWL

At total depth 990' FSL & 990' FWL

10. Field and Pool, or Exploratory

Blanco Mesaverde/Otero Chacra

11. Sec., T., R., M., on Block & Survey or Area

Sec 27 T29N R08W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

5/30/1953

15. Date T.D. Reached

12/30/1985 (Sidetrack)

16. Date Completed

☐ D & A ☒ Ready to Prod.

10/25/2005

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

6401'

18. Total Depth: MD 5638'
TVD 5638'

19. Plug Back T.D.: MD 5594'
TVD 5594'

20. Depth Bridge Plug Set: MD
TVD

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit report)

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 1/4"	9 5/8"	25.4#	0	173'		125		0	
8 3/4"	7"	23#	0	4535'		300		2975'	
6 1/4"	4 1/2" K-55	10.5#		5638'		200		4525'	

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 3/8"	5380'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Otero Chacra	3944'	4127'	3944' - 4127'	3.125"		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3944' - 4127'	Frac w/309,255# Brady sand; N2

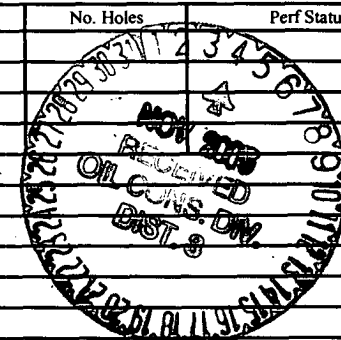
28. Production - Interval A

Date first Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/25/2005	10/23/05	10	→	trace	270	trace			Pump
Choke Size	1bg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2"			→						

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	1bg. 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)



ACCEPTED FOR RECORD

Producing
NOV 02 2005

FARMINGTON FIELD OFFICE
BY

NMOC

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	1bg. 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	1bg. 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.)

Vented / Sold

30. Summary of Porous Zones (Included 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
				Chacra	3938'
				Cliffhouse-E	4495'
				Cliffhouse	4588' ⁸⁰
				Menefee	4730'
				Point Lookout	5190'
					5112

32. Additional Remarks (including plugging procedure)

See attached Subsequent Report of Operations. Production is downhole commingled with Blanco Mesaverde.

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 | 3. 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) Cherry HlavaTitle Regulatory Analyst

Signature

Cherry Hlava / SHBDate 10/25/2005

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 C 3
API No. 30-045-07764
Downhole Commingling Subsequent Report (Chacra)
10/25/2005 - DRAFT

09/28/05 MIRU SU. Lay 3" line to pit. Blow down well. NDWH. NU BOP's. Couldn't get good test - leak in tbg hanger.

9/29/05 - Run 2nd 3" line to pit. Blow well down. Pull tbg hanger. TIH & tag fill @ 5494'. TOOH. TBG came out to 533'.

9/30/05 - TIH w/CSG scraper to 5336'. Tag fill. TOOH w/scraper. TIH w/CIBP & set @ 4505'. Circ well before setting packer.

10/3/05 - ND BOP, XOUT WH, NU BOP, Test BOP's - OK. Test csg valves - OK. Release pkr. TOOH w/tbg.

10/4/05 - RU E-Line on BOP. Ran RST log. Put 1000# on csg while running CBL log. TOC @ 4390. RD E-Line.

10/5/05 - WO cmt equipment.

10/6/05 - RU WL. RIH & perf sqz hole @ 4285'. PPH. RIH & set cmt retainer @ 4250'. ROOH. RD WL.

10/7/05 - RU cmt crew. Pumped 323 sxs Cl G Neat cmt thru retainer @4250 & perfs @ 4285'. Squeezed from 4285' - surface. Good circulation. Pull out of cmt retainer. Circ clean. RD cmt crew.

10/10/05 - w/o frac valve to replace BOP on top of WH.

10/11/05 - DN BOP. NU frac valve. Move equipment off location. RU WL & perforate Otero Chacra from 3944' to 4127', 5 SPF w/3.125" gun. RD WL.

10/13/05 - Frac well w/309,255# 20/40 Brady sand & N2.

10/14/05 - RU SU. Install 1/4" choke on flow line. Flow well.

10/17/05 - NU 3" line. Kill well. ND frac valve. NU BOP. Pressure test BOP - OK. PU Tbg & mill to C/O.

10/18/05 - Cont to PU TBG, tag fill @ 4012'. Installed 1/2" choke on flow line, flow to pit, 350# on csg.

10/19/05 - C/O to 4095'.

10/20/05 - C/O to top of retainer @ 4250'. TOOH to top of perfs @ 3937'. Flow on 1/4" choke.

10/21/05 – Flow back well on 1/4" choke. C/O to 4250'. Flow well on 1/4' choke – 82# on csg.

10/24/05 – Flow back well on 1/2" choke, 60# on csg. TIH & tagged cement retainer @ 4250'. Drilled out retainer & 45' of cement. Tagged CBP @ 4496'. Drilled out CBP.

10/25/05 – TIH & landed 2-3/8" tbg @ 5380'. ND BOP. NUWH. Pulled TBG plugs. RDSU. Move off location @ 1800 hours.

Return well to production from Blanco Mesarverde & Otero Chacra downhole commingled sands.