

Amended

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMMN03358

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.
NMMN138729

2. Name of Operator **BP AMERICA PRODUCTION COMPANY** Contact: **NAOMI AZULAI**
Email: **Naomi.Azulai@bpx.com**

8. Lease Name and Well No.
NEBU 605 COM 2H

3. Address **380 AIRPORT RD
DURANGO, CO 81303**

3a. Phone No. (include area code)
Ph: **970-232-1439**

9. API Well No.
30-045-35857-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 11 T31N R7W Mer NMP
At surface SESE 457FSL 796FEL 36.908039 N Lat, 107.534035 W Lon
Sec 11 T31N R7W Mer NMP
At top prod interval reported below NESE 2191FSL 1186FEL 36.912799 N Lat, 107.535361 W Lon
Sec 7 T31N R6W Mer NMP
At total depth NESE 2131FSL 59FEL 36.912604 N Lat, 107.495484 W Lon

10. Field and Pool, or Exploratory
BASIN MANCOS

11. Sec., T., R., M., or Block and Survey
or Area Sec 11 T31N R7W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
01/13/2018

15. Date T.D. Reached
03/25/2018

16. Date Completed
 D & A Ready to Prod.
06/13/2018

17. Elevations (DF, KB, RT, GL)*
6471 GL

18. Total Depth: MD 19310
TVD 6980

19. Plug Back T.D.: MD 19144
TVD 6977

20. Depth Bridge Plug Set: MD
TVD

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

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)	Cement Top*	Amount Pulled
26.000	20.000 J55	94.0	0	145		345		0	
17.500	13.375 J55	54.0	0	1035		580		0	
12.250	9.625 P110HC	40.0	0	6651		2015		0	
8.750	5.500 P110HC	20.0	0	19282		3037		1200	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MANCOS	7650	19098	7650 TO 19098	0.430	2952	PRODUCING - SEE ATTACHED P
B)			7650 TO 19098	0.430	2952	PRODUCING - SEE ATTACHED P
C)						
D)						

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

Depth Interval	Amount and Type of Material
7650 TO 19098	PUMPED 30,363,839 GAL TOTAL FLUID INCLUDING 55,010 GAL 15%HCL AND 27,391,443 LBS PROPANT
7650 TO 19098	PUMPED 30,363,839 GAL TOTAL FLUID INCLUDING 55,010 GAL 15%HCL AND 27,391,443 LBS PROPANT

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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	
			→						

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

ELECTRONIC SUBMISSION #433418 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

NMOCDA

SEP 10 2018
DISTRICT III

52

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
				FRUITLAND COAL	3115
				PICTURED CLIFFS	3564
				LEWIS	3736
				CLIFFHOUSE	5716
				MENEFEE	5761
				POINT LOOKOUT	6009
				MANCOS	6497

32. Additional remarks (include plugging procedure):
Top of OJO ALAMO formation is 2427'.

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 #433418 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 08/30/2018 (18JWS0203SE)**

Name (please print) NAOMI AZULAI Title WELL PERMITTING ANALYST

Signature _____ (Electronic Submission) Date 08/30/2018

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0137
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 Email: Naomi.Azulai@bpx.com

3. Address **380 AIRPORT RD DURANGO, CO 81303** 3a. Phone No. (include area code)
 Ph: 970-232-1439

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SESE 457FSL 796FEL 36.908039 N Lat, 107.534035 W Lon**
 At top prod interval reported below **NESE 2189FSL 817FEL 36.912793 N Lat, 107.534099 W Lon**
 At total depth **NESE 2118FSL 50FEL 36.912567 N Lat, 107.495453 W Lon**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No.
NMNM138729

8. Lease Name and Well No.
NEBU 605 COM 2H

9. API Well No.
30-045-35857-00-X1

10. Field and Pool, or Exploratory
BASIN MANCOS

11. Sec., T., R., M., or Block and Survey or Area
Sec 11 T31N R7W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
12/26/2017

15. Date T.D. Reached
03/25/2018

16. Date Completed
 D & A Ready to Prod.
06/13/2018

17. Elevations (DF, KB, RT, GL)*
6471 GL

18. Total Depth: MD 19310 TVD 6980

19. Plug Back T.D.: MD 19144 TVD 6977

20. Depth Bridge Plug Set: MD TVD

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

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
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AUG 29 2018

28. Production - Interval A

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			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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	
			→						

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

ELECTRONIC SUBMISSION #432780 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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.)
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Committed to AFMSS for processing by JACK SAVAGE on 08/28/2018 (18JWS0201SE)**

Name (please print) NAOMI AZULAI Title WELL PERMITTING ANALYST

Signature _____ (Electronic Submission) Date 08/24/2018

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