

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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
Other _____

2. Name of Operator BP AMERICA PRODUCTION CO Contact: CHERRY HLAVA
E-Mail: hlavac@bp.com

3. Address P. O. BOX 3092 HOUSTON, TX 77253 3a. Phone No. (include area code) Ph: 281.366.4081

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 28 T31N R9W Mer NMP
At surface SENW Lot F 1400FNL 1820FWL 36.52300 N Lat, 107.47300 W Lon
At top prod interval reported below
At total depth

5. Lease Serial No. AMNM016746
6. Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No. MNM85735
8. Lease Name and Well No. HORTON GAS COM 1S
9. API Well No. 30-045-31386-00-S1

10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
11. Sec., T., R., M., or Block and Survey or Area Sec 28 T31N R9W Mer NMP
12. County or Parish SAN JUAN 13. State NM

14. Date Spudded 04/24/2003 15. Date T.D. Reached 04/27/2003 16. Date Completed ☐ D & A ☒ Ready to Prod. 06/09/2003
17. Elevations (DF, KB, RT, GL)* 6185 GL

18. Total Depth: MD 3218 TVD 19. Plug Back T.D.: MD 3170 TVD 20. Depth Bridge Plug Set: MD TVD

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 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	32.0		137		110	23	0	
8.750	7.000 J-55	20.0		3214		310	123	0	

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	2987							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2794	2996	2794 TO 2996	4.000	20	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2831 TO 2842	SAND & WATER FRAC; PUMPED 2685 BBLs

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
06/09/2003	06/09/2003	12	→	1.0	232.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	107.0	→	2	464	2		GSI	

28a. Production - Interval B

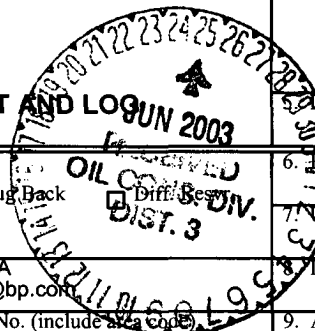
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #23332 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC



ACCEPTED FOR RECORD

JUN 23 2003

FARMINGTON FIELD OFFICE

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.)

OTHER

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
SAN JOSE	0	353		OJO ALAMO	1640
NACIMIENTO	353	1634		KIRTLAND	1800
OJO ALAMO	1634	1741		FRUITLAND COAL	2653
				PICTURED CLIFFS	3012

32. Additional remarks (include plugging procedure):

New well was drilled into the Basin Fruitland Coal and is currently waiting on the pipeline connection.

Please see the attached completion report.

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 #23332 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 06/23/2003 (03AXG1443SE)

Name (please print) CHERRY HLAVATitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 06/19/2003

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Horton Gas Com 1S
New Drill Completion Subsequent Report
06/17/2003

5/5/03 SPOT RIG & EQUIP. RU, CSG 0 PSI. BH 0 PSI. NDWH. NUBOP.

5/6/03 RUN CBL FROM 2970' TO SURFACE. PU 2 3/8" TBG. TAG UP @ 3165'. PU PWR SWIVEL, C/O TO **PBTD @ 3170'**. PRESSURE TEST 1000 # OK. TOH w/2 3/8" TBG. SDFN.

5/8/03 RU & TIH w/ 4" GUN & **PERF FRUITLAND COAL FORMATION 2794' – 2996'** @ 2 JSPF TOTAL OF 20 HOLES. TIH w/7" PKR TO 2700'. SDFN.

5/9/03 RU to PMP ACID. TIH w/7" PKR & SET @ 2730' BREAK DN w/BALLS & ACID. TOH w/ 2 3/8" TBG & PKR. TIH w/TBG, UNLOAD WELL, BLW DRY. PULL ABOVE PERFS. SDFN.

5/12/03 CSG 70 psi. BH 0 psi. TIH @ 3170' UNLOAD WELL. TOH w/2 3/8" TBG. PU 7" BP. & PKR, PU & TALLY 2 7/8" WRK STRING, SET BP @ 3029' SET PKR @ 2956'. INSTALL PRESSURE GAUGES. SHUT WELL IN.

5/13/03 CSG PRESS 9 psi. RESET PKR & BP FOR 2 STAGE PRESS TEST. RESET BP & PKR FOR 3rd STAGE PRESS BUILD UP. RESET BP & PKR FOR 4th STAGE PRESS BUILD UP.

5/14/03 CSG 4 psi. MOVE BP & PKR TO 5th ZONE FOR PRESS BUILD UP. **RELEASE BP & PKR.** LD 2 7/8" TBG. BREAK DN BHA w/PRESS GAUGES. TIH w/ 2 3/8" TBG. SDFN.

5/15/03 CSG 8 psi. LAY DN 2 3/8" TBG. RD NDBOP. NUWH. RD UNIT & PMP & PIT/FLW LINES.

6/3/03 RU PRESS 60 psi. ND FRAC, NUBOP. RUN 2' MULE SHOE JT. TAG SND @2980'. C/O w/AIR @3010'. WELL MAKING SND. RECOVERED 20 bbls FLUID. TOH ABOVE PERFS. SDFN.

6/4/03 TIH & TAG FILL @3010', C/O TO BPTD @ 3170'. TOH ABOVE PERFS SDFN.

6/5/03 TIH; TAG FILL @3150'. C/O w/AIR/MIST, RECOVERED 20-25 bbls, LIGHT SND.

6/6/03 CSG 60 psi TIH TAG FILL 3160' C/O w/AIR @3170' PBTD. FLW TST ON 1/4" CK w/42 psi 83 MCFD. TOH ABOVE PERFS SDFN.

6/9/03 CSG 107 psi. BH 0 psi. FLW TST WELL ON 3/4" CK, **MAKING 230 MCFD.** TIH & LAND TBG @2987. NDBOP. NUWH. RU & PULL TBG PLUG. RD MO LOCATION.

Well is currently shut in waiting on pipeline.