

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2003 JUL 10 AM 10:07
070 Farmington, NM

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

2. Name of Operator
BP America Production Company

3. Address
P.O. Box 3092 Houston, TX 77253-3092

3a. Phone No. (include area code)
281-366-4081

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At surface SWNW 1700' FNL 1010' FWL
At top prod. interval reported below
At total depth

5. Lease Serial No.
NMSF 078336

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Florance 114 2S

9. API Well No.
30-045-31376-00-X1

10. Field and Pool, or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area Sec 11 T30N MER NMP R9W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
4-15-2003

15. Date T.D. Reached
4-18-03

16. Date Completed
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5966 GL

18. Total Depth: MD 2940' TVD
19. Plug Back T.D.: MD 2895' TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Gamma Ray: 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 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
13"	9 5/8"	32.3		138'		1105 XS C/G		Surface	
8 3/4"	7"	20#		2940'		235 C/G + 505K Poz = 285		Surface	

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"	2733'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	2555'	2747'		2555' - 2747'	4"	182	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
2555' - 2747'	Frac down 7" CSG. PMP X-Link Gel 3,85 bbls. fluid 180,500 pro net

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
7-1-03	6-24-03	24	→	1661	200 mcf	1661			flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/4"		58 psi	→					producing gas well	

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

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

NMOCD

ACCEPTED FOR RECORD

JUL 11 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.)

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
				Ojo Alamo	1415
				Kirtland	1597
				Fruitland Coal	2444
				Pictured Cliffs	2772

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)*

Name (please print) Cherry Hlava Title Regulatory Analyst
Signature Cherry Hlava Date 7-7-03

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.

Florance 114 2S
New Drill Completion
07/07/2003

4/24/03 SPOT EQUIP ND FRAC VALVE. NUBOP. RU FLOOR PU 6 1/4" BIT & CSG SCRAPER, PU 4 - 3 1/2" DRILL COLLARS PLUS 2 3/8" TBG. TAG CMT @ 2200'. SDFN.

4/25/03 PU & BREAK CIRC, DRILL OUT DV TOOL @2322'. CIRC HOLE CLEAN, PRESS TEST 1000 psi OK. TIH. TAG CMT @2874'. DRILL TO **2895' PBTB**. CIRC CLEAN. PRESS TST 1000 PSI. LD PWR SWIVEL. TOH w/TBG, DC, SCRAPER, BIT. SDFN.

4/28/03 LOG FROM 2895' TO SURFACE. SDFN

4/29/03 EVALUATE LOGS. TIH & LAND 2 3/8" TBG @ 2870'. RD NDBOP. NUWH. RD FLW LINES. RD UNIT.

5/15/03 RU & SPOT EQUIPMENT NDWH; NUBOP. TOH w/ 2 3/8" TBG.

5/16/03 RU WL, PERF'd & block sqz'd w/4" SQZ GUN 2720' - 2722' @ 4 JSPF. & 2250' - 2252' @ 4 JSPF. RD, TIH w/7" PKR & SET @ 2680', ATTEMPT CIRC, GETTING AIR RETURNS UP BACKSIDE, BUT RAN OUT OF H2O @ 45 bbls, TOH w/ PKR, SDFN.

5/19/03 SUICIDE SQUEEZE BETWEEN BOTTOM & TOP PERFS. @ 2722' TO 2257' CMT. RETAINER SET @ 2672' PUMPED 100 % EXCESS 13.5 # 50/50 POZ. = 110 SXS. 24 BBLs. ADD 2 BBLs. CEMENT TO 1 ST. 10 BBLs. OF CMT.

5/20/03 CSG 0 BH 0 psi. RU & RUN CBL. PUMP 100 SXS. 50/50 SLURRY THUR TBG. AND PACKER SET @ 2132' 125' ABOVE TOP SQZ. HOLES @ 2257' FILL HOLE AND EST. INJECTION RATE, LEAD W/ 20 BBLs. OF CEMENT IN 1 ST. 10 BBLs. SLURRY. DISPLACE PAST PACKER AND STAGE SQUEEZE.

5/21/03 RELEASE PKR. TIH; TAG CMT @ 2100'; DRILL DOWN TO 2250'. PRESS TEST 1000# OK, TIH TAG CMT @2692. START DRILLING RETAINER CIRC CLEAN. SDFN.

5/22/03 DRILL ON PLUG @2694' RETAINER SPINNING. SDFN.

5/23/03 DRILL ON PLUG, FALL OUT OF CMT @2753'. CIRC HOLE CLEAN. SDFN.

5/27/03 C/O TO PBTB @ 2895'. TOH. SDFN.

5/28/03 RUN CBL 2170' - 2900'. W/O EVALUATION. SDFN.

5/29/03 TIH & SET RBP @2680'. SPOT 3 SXS SND, TOH, TIH & SET PKR @ 2560'. TST RBP 2000psi, OK. PU TO 2270', SET PKR ESTABLISH INJECTION RATE @ 1.5 BPM @ 1100 psi, MIX CMT. SQZ 50 sxs cls G CMT; 2500' - 2600'; DENSITY 13.20 ppg. DISP w/10bbls @ 1.5 BPM @ 1100 PSI, STAGE IN @ 3/10 BPM @ 500 PSI, WALK UP TO 1000 PSI w/3 bbls LEFT OF DISP, SDFN.

5/30/03 RELEASE PKR, TOH, TIH BIT/COLLARS, DRILL CMT C/O TO RBP. CIRC CLEAN. SDFN.

6/2/03 TST CSG 1000# OK. TOH w/2 3/8" TBG. LD COLLARS. TIH w/RBP. OVERSHOT CIRC. ONTO BP. RELEASE PLUG. TOH LD 2 3/8" TBG & RBP.

6/5/03 MIRU SU TIH w/4" GUN & PERF FRUITLAND COAL FORMATION FROM 2558' – 2747'
w/2 JSPF. TOTAL OF 182 SHOTS.

6/11/03 MIRU & FRAC FC FORMATION DOWN 7" CSG. PMP X-LINK GEL 3,585 bbls FLUID,
180,500 PROPNET.

6/23/03 MIRU & SPOT EQUIPMENT , SDFN.

6/24/03 58 PSI CSG. MIRU EQUIP, KILL WELL. ND FRAC VALVE, NU BOP. SDFN.

6/25/03 58 PSI CSG. TIH & TAG FILL @2872;. PU SWIVEL, RU & C/O TO 2895'. BLW & FLW
WELL. PU TO 2500'. SDFN.

6/26/03 58 PSI CSG. C/O TO 2895'. BLW & FLW WELL. LAND TBG 2733'. RD.

6/27/03 TURN WELL OVER TO PRODUCTION. RDMO LOCATION.