

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

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)
281-366-4681

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NWNW 990' FNL & 990' FWL**
At top prod. interval reported below
At total depth

6. If Indian, Allottee or Tribe Name
Gallegos Canyon Unit 178

7. Unit or CA Agreement Name and No.
NM

8. Lease Name and Well No.
Gallegos Canyon Unit 178

9. API Well No.
30-045-06919

10. Field and Pool, or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area
Sec 4 T27N R12W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
7-12-1964

15. Date T.D. Reached
7-25-1964

16. Date Completed **9-23-03**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5832 GL

18. Total Depth: MD **6069'** TVD
19. Plug Back T.D.: MD **2808'** TVD
20. Depth Bridge Plug Set: MD **—** TVD

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

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
12 1/4"	8 5/8"	24		360'		225 SKS		0	
7 7/8"	7 7/8" 42"	10.5		6069'		1500 SKS		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 3/8"	1350'								
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Fruitland Coal		1324'	1338'	1324' - 1338'		3.125	56		
B)									
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval			Amount and Type of Material						
1324' - 1338'			Frac FC w/500 gal. 15% HCL Acid, Followed w/54,750# 16/30 SMD, PMP 70% N2 Foam.						

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
Est 10-8-03	9/25/03	2	→	N/A	250 MCF				Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 80 PSI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					S.I. Waiting on flow line	
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)

NMOC

ACCEPTED FOR RECORD
OCT 29 2003
FARMINGTON FIELD OFFICE
BY

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
Sand's shale FC PC Lewis shale	0 1324' 1342' 1510'	1324' 1342' 1510' 2240'			

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 HlavaTitle Regulatory AnalystSignature Cherry HlavaDate 10-2-03

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.

Gallegos Canyon Unit 178
P&A & RECOMPLETION SUBSEQUENT REPORT
09/26/2003

Dakota Plugging Report

9/17/03 SPOT EQUIP. LAY 3" LINE TO FLW BACK TNK. TBG 0 PSI, CSG 0 PSI, BH 0 PSI. NDWH, NU BOPs, RU. PULL TBG HANGER, TOH & TALLY TBG. TIH TO 5900', PULL 10 STANDS, SDON.

9/18/03 TOH w/CSG SCRAPER, TIH w/CIBP & SET PLUG @5851. TEST TBG TO 500 PSI, HELD 5 MIN. GOOD TEST, LOAD & TEST CSG TO 500 PSI, HELD 5 MIN. GOOD TEST, SPOT
1st CMT PLUG 5853' - 5703' w/14 SXS CLS G CMT; DENSITY 15.80 ppg; YIELD 1.160 quft/sk. LAY DN 25 jts TBG. SPOT
2nd PLUG 5035' - 4885' w/14 sxs CLS G CMT; DENSITY 15.80 ppg; YIELD 1.160 quft/sk. LAY DN 66 jts. SET 3rd PLUG 2958' - 2808' w/14 sxs CLS G CMT; DENSITY 15.80; YIELD 1.160 quft/sk. LAY DN 50 jts. TOH & STAND BACK TBG. SDON.

9/19/03 RD FLOOR, TONGS & SLIPS. ND BOPs, NDWH TO CSG FLANGE, RU & STAB SPEAR INTO 4 1/2" CSG, PULL 70,000 lbs TO TRY & UNSEAT SLIPS, WOULD NOT BUDGE, LET WEIGHT OFF TO 65,000, CUT SURFACE CSG FLNG OFF 8 5/8" CSG. CUT OFF & LWR CSG 15", WELD ON NEW HEAD, NUWH & BOPs. RU FLR, TONGS. SD for WEEKEND.

Fruitland Coal Recompletion

9/22/03 RUN GAMMA RAY. RU & PERF FRUITLAND COAL w/3.125 GUN 1324' - 1338'; 4 JSPF. RD & FRAC FC 1324' - 1338' w/500 gal. 15% HCL ACID, FOLLOWED w/54,750# 16/30 SAND. PMP 70% NITROGEN FOAM. BREAK AT 420 PSI, AVERAGE TREATING PRES 1191, MAX 1607 PSI, AV RATE 38.4 PSI, MAX 53.2 PSI. RD. OPEN TO BLW BACK TNK w/180 PSI ON 1/4" CK, FLW MOSTLY NITROGEN, FLW TO TNK ON 1/4" CK. AT 30 PSI, NO SND. NO FLUID, CHNG TO 2" LINE, FLW TO 0 PSI IN 1 MIN. SI FOR 3 hrs. OPEN w/0 PSI 1 hr, NO FLW, SI. TOTAL 50 bbls FLUID RECOVERY.

9/23/03 CSG 0 PSI. TIH w/NOTCH COLLAR & TBG TO 1350', RU SWIVEL, UNLOAD WTR. C/O w/AIR MIST, CIR OUT FRAC FLUID, MAKING TRACE SND, 13 bbls WTR PER hr. 124 bbls WTR IN DAY. SDON.

9/24/03 CSG 80 PSI. UNLOAD 20 bbls WTR. CIRC WELL w/AIR MIST. BLW BACK TNK TO CLEAN UP FRAC FLUID OFF FORMATION, MAKING 8 bbls WTR PER HR. RECOVERY TODAY 120 bbls. SDON.

9/25/03 CSG 80 PSI. UNLOAD WTR, (15 bbls) CIRC FRAC FLUID OFF WELL w/AIR MIST, SHUT DN & LET NATURAL FLW FOR 2 hrs, AVG 10 PSI ON 2" LINE, (APROX 250 MCF), CRANK AIR UP & UNLOAD 6 bbls WTR. CONTINUE TO C/O FRAC FLUID. SDON.

9/26/03 TIH w/BHA, LOAD & TEST TBG TO 500 PSI. HELD 5 MIN. GOOD TEST. ND FLOOR, NUWH. RU & PULL X & F NIPPLE PLUGS, RD. TIH w/RODS & PMP. SEAT LONG STROKE PMP TO 500 PSI. GOOD TEST. SET RODS DN ON PMP TEE, RD. MOVE OFF LOCATION.