

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

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

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)
070 Farmington, NM

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At surface 1005' FNL ; 1450' FWL
At top prod. interval reported below
At total depth

5. Lease Serial No.
NMSF 078106

6. If Indian, Allottee or Tribe Name
Eastern Navajo

7. Unit or CA Agreement Name and No.
NMNM 78391 A

8. Lease Name and Well No.
Gallegos Canyon Unit 584

9. API Well No.
30-045-31601

10. Field and Pool, or Exploratory
Kutz Pictured Cliffs, West

11. Sec., T., R., M., on Block and Survey or Arca 18 T28N R12W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
6-5-2003

15. Date T.D. Reached
6-6-03

16. Date Completed
☐ D & A ☒ Ready to Prod.
7-9-03

17. Elevations (DF, RKB, RT, GL)*
5582' GL

18. Total Depth: MD 1580'
TVD

19. Plug Back T.D.: MD 1533'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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
8 3/4"	7" J	23		144'		75 sks C/G		Surface	
6 1/4"	4 1/2" J	10.5		1576'		523x lihard + 505x PDS		25'	

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"	1417'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	1360'	1390'	1360' - 1390'	3.125	64	
B)						
C)						
D)						

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
1360' - 1390'	3.125	64	

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

Depth Interval	Amount and Type of Material
1360' - 1390'	Foam frac PC w/ 92,000 lbs 16/30 Brady Sand

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
—	7/7/03	10.5	→	—	Est 584	—			pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					making heavy sand water - S.I. 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	
			→						

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

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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 Kimland Fruitland Fruitland Coal Pictured Cliffs Lewis	N/A 78' 836' 1167' 1339' N/A

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 7-17-03

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 584
Recompletion Subsequent Report
07/15/2003

6/23/03 MIRU TIH & PERF PICTURED CLIFFS w/3.125" GUN 1360' - 1390' w/ 2 JSPF. TOTAL OF 64 HOLES.

6/24/03 MIRU & FOAM FRAC PC w/92,000 lbs 16/30 BRADY SND. PROPNET TREAT LAST 28,000 lbs of SND. RUN CLEAR FRAC @ 5/1000. 1200 gal. F-105 WTR, PMP 300 SCF/bbl N2 w/PREPAD. TOTAL RATE 600 BPM. BOTTOM HOLE.

6/30/2003 NDFV & NUBOP, TIH & TAG FILL @ 1450' C/O TO 1473'.

7/1/03 C/O TO PBTD @1533'. FLW & FLW WELL. LIGHT SND & WTR. PULL UP ABOVE PERFS. SDFN.

7/02/03 35 PSI CSG, TAG 12' FILL. C/O TO PBTD. FLW & FLW. PU ABOVE PERFS. SDFN.

7/3/03 C/O WELL

7/7/03 20 PSI CSG. HEAVY SND. FLW WELL. DEAD IN 15 MIN. TAG 6' FILL. C/O TO PBTD. MAKING HEAVY SND.

7/8/03 0 psi CSG, UNLOAD 2 bbls H2O. C/O TO PBTD. MAKING HEAVY SND & H2O.

7/9/03 TIH & LAND TBG @ 1417'. RIH PMP/RODS, LOAD TBG w/2% KCL H2O. TEST STROKE PMP 1000 psi. OK RIG DN MO LOCATION.