

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF080597

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		6/ If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator BP AMERICA PRODUCTION CO		8. Lease Name and Well No. GARTNER A 5M	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31171-00-C1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SWSW Lot L 1940FSL 1150FWL 36.46900 N Lat, 107.40100 W Lon At top prod interval reported below Sec 27 T30N R8W Mer NMP At total depth NESW Lot K 1940FSL 1980FWL 36.46900 N Lat, 107.40100 W Lon		10. Field and Pool, or Exploratory BASIN DAKOTA	
14. Date Spudded 11/29/2002		15. Date T.D. Reached 12/08/2002	
16. Date Completed ☐ D & A ☒ Ready to Prod 12/31/2002		17. Elevations (DF, KB, RT, GL)* 6142 GL	
18. Total Depth: MD 7496 TVD		19. Plug Back T.D.: MD 7493 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL OTH	
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
13.500	9.625 H-40	32.0	0	219		195		0	
8.750	7.000 J-55	20.0	0	3399		415		0	
6.250	4.500 J-55	12.0	0	7493		200		3299	

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	7390							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7344	7490	7344 TO 7490	0.330	50	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7344 TO 7490	64,953# OF 20/40 RESIN SAND & SLICKWATER

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
12/19/2002	12/20/2002	12	→	1.0	381.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 65.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	PGW

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	

ACCEPTED FOR RECORD

JAN 06 2003

FARMINGTON FIELD OFFICE

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

ELECTRONIC SUBMISSION #17234 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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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.)

FLARED

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 NACIMIENTO OJO ALAMO	0 399 1743	399 1743 1929		CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS GREENHORN DAKOTA	4559 4892 5243 5717 7255 7277

32. Additional remarks (include plugging procedure):

Please see attached for well subsequent report. Well is downhole commingled with the Mesaverde formation.

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 #17234 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 01/06/2003 (03AXG0499SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/02/2003

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 ** REVISED ****

**Gartner A 5M
COMPLETION SUBSEQUENT REPORT
01/02/2003**

12/10/2002 RU & run CBL & TDT log. RU & pressure test CSG to 3000# test ok.

12/13/2002 RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .330 inch diameter, 25 Shots / 50 Holes

**7490', 7487', 7469', 7463', 7460', 7452', 7446', 7432', 7428', 7416', 7410', 7406', 7396',
7392', 7388', 7384', 7378', 7375', 7372', 7368', 7364', 7360', 7356', 7350', 7344'**

12/16/2002 RU & Frac w/64,953# of 20/40 Resin Sand & Slickwater. ND BOP & Frac Valve. NU Flow back cross & BOP. Flow back well thru ½" choke overnight.

12/17/2002 Flow back well thru ¾" choke until 0700 hrs. NU BOP on frac valve. TIH w/TBG. ND BOP & ND Frac Valve. Secure well & SDFN.

12/18/2002 TIH & tag fill @ 7453'. C/O to PBTD @ 7493'. PU above perms, RU & flow back thru ¾" choke overnight.

12/19/2002 TIH & tag fill @ 7485'. C/O to PBTD. RU & flow back thru ¾" choke overnight.

12/20/2002 TIH & tag 0 fill. PU above perms & flow test well for 12 hrs. thru ¾" choke. 381 MCF gas, FCP 625#. trace WTR, trace oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

12/20/2002 RU & TIH w/CIBP & set @ 5730'. RU & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing as follows, .400 inch diameter, 2 JSPF 25 Shots / 50 Holes

**5377', 5369', 5365', 5359', 5346', 5338', 5334', 5330', 5320', 5316', 5300', 5281', 5270',
5258', 5248', 5240', 5230', 5224', 5196', 5190', 5149', 5136', 5124', 5120', 5114'**

12/23/2002 RU & Frac w/82,045# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5100'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .400 inch diameter, 2 JSPF 26 Shots / 52 Holes

**5075', 5044', 5039', 5006', 5000', 4986', 4980', 4940', 4931', 4890', 4868', 4861', 4833',
4816', 4806', 4800', 4792', 4784', 4766', 4740', 4710', 4691', 4688', 4677', 4654'**

RU & Frac w/85,041# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" choke & flow back overnight.

12/24/2002 Flowed back well thru ¼" choke. @ 0100 hrs upsized choke to ½" & flowed back 8 hrs. Upsized choke to ¾" & flowed back to pit.

12/26/2002 TIH & tag fill @ 5002'. C/O to CIBP set @ 5100'. PU above perms & SDFN.

12/27/2002 Flow back well thru 3/4" choke. TIH & tag fill @ 5080'. C/O to CIBP @ 5100'. Mill out CIBP. Circ hole clean. TIH & tag fill @ 5660'. C/O to 5718'. PU above perms & flow back well thru 3/4" choke.

12/28/2002 Flow back well thru 3/4" choke. TIH & tag fill @ 5698'. C/O to CIBP @ 5730'. PU above perms & flow test well for 12 hrs. thru 3/4" choke. 323 MCF gas, FCP 80#, 4 BBLS WTR, Trace oil.

12/30/2002 TIH & tag fill @ 5698'. C/O to CIBP set @ 5730'. Mill out CIBP & circ hole clean. TIH & tag fill @ 7487'. Circ hole clean to PBTB @ 7493'. RU & flow back well thru 3/4" choke overnight.

12/31/2002 TIH & tag 0' of fill. C/O to PBTB. Circ hole clean. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7390'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 0630 hrs.