

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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. RIDDLE C LS 3B	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31084-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T31N R9W Mer NMP At surface NESW Lot 7 2180FSL 1425FWL 36.00000 N Lat, 107.00000 W Lon At top prod interval reported below Sec 29 T31N R9W Mer NMP At total depth NESW Lot 8 1600FSL 860FWL 36.00000 N Lat, 107.00000 W Lon		10. Field and Pool, or Exploratory BLANCO	
14. Date Spudded 08/09/2002		15. Date T.D. Reached 08/17/2002	
16. Date Completed <input checked="" type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/18/2002		17. Elevations (DF, KB, RT, GL)* 6308 GL	
18. Total Depth: MD 5859 TVD 5721		19. Plug Back T.D.: MD 5856 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) OTH	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	154		150		0	
8.750	7.000 J-55	23.0	0	2832		340		0	
6.250	4.500 J-55	12.0	2696	5859		200		2696	

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	5495							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4771	5809	4771 TO 5135	0.330	31	
B)			5185 TO 5398	0.330	22	
C)			5452 TO 5546	0.330	26	
D)						

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

Depth Interval	Amount and Type of Material
4771 TO 5135	96,541# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2
5185 TO 5398	84,500# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2
5452 TO 5546	106,243# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N

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
09/18/2002	09/18/2002	12	→	1.0	1150.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	150.0	→					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. SI	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 #14426 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

OCT 02 2002

FARMINGTON FIELD OFFICE

RV

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.)
SOLD

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	352		PICTURED CLIFFS	3230
NACIMIENTO	352	1748		LEWIS SHALE	3460
OJO ALAMO	1748	1857		CLIFF HOUSE	4770
				MENEFEE	5108
				POINT LOOKOUT	5532

32. Additional remarks (include plugging procedure):

Please see attached for Well Subsequent 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 #14426 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 10/02/2002 (03AXG0026SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/20/2002

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 ****

RIDDLE C LS B 3B
COMPLETION SUBSEQUENT REPORT
09/20/2002

08/20/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK.

08/21/2002 RU & run TDT log.

08/26/2002 RU & perf Point Lookout 120° phasing as follows:

2 JSPF - 5808', 5800', 5765', 5746', 5726', 5721', 5658', 5647', 5624', 5620', 5594', 5581', 5564' (13 shots / 26 holes)

1 JSPF - 5546', 5537', 5520', 5497', 5484', 5459', 5452' (7 shots / 7 holes)

RU & Frac w/106,243# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5430'.

RU & perf Menefee with 2 SPF, 120° phasing as follows:

5398', 5385', 5371', 5344', 5334', 5324', 5292', 5266', 5216', 5196', 5185' (11 shots / 22 holes)

RU & Frac w/84,500# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5154'. RU & perf Cliff House 120° phasing as follows:

1 SPF - 5135', 5123', 5104', 5092', 5080', 5071', 5054', 5041', 5022', 5009', 4996' (11 shots / 11holes)

2 SPF - 4964', 4950', 4930', 4919', 4896', 4870', 4834', 4813', 4781', 4771' (10 shots / 20 holes)

RU & Frac w/96,541# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Flowback well on ¼" choke for 8 hrs. Flowing 100% N2.

08/27/2002 Upsized choke to ½" & flow back. After 8 hrs. upsized to ¾" choke & flow back 100% N2. SI Well.

09/10/2002 Blow down well. NU BOP & Frac valve. TIH & tag sand @ 5063'. C/O to CIBP set @ 5154'. DO CIBP. PU above TOL & Flow back well to pit thru ¾" choke.

09/11/2002 TIH & C/O fill to CIBP set @ 5430'. DO CIBP. Circ hole clean. PU above TOL & RU to flow back on ¾" choke.

09/12/2002 TIH & C/O to PBTD @ 5856'. PU above perfs & flow back well thru ¾" choke.

09/13/2002 Flow back well thru ¾" choke.

09/16/2002 BD well. TIH & tag 56' of fill. C/O to PBTD. Flow back well thru ¾".

09/17/2002 Flow back well thru ¾" . TIH & tag 35' of fill. C/O to PBTD. PU to TOL & flow back.

09/18/2002 RU & flow test well 12 hrs. thru ¾" choke. 1150 MCF Gas, trace WTR, Trace oil. CP 150#. TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 5495'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 18:00 hrs.

District I
PO Box 1980, Hobbs, NM 88241-
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM
District IV
2040 South Pacheco, Santa Fe, NM

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BP America Production Company P.O. Box 3092 Attention: Mary Corley Houston, TX 77253		² OGRID Number 000778
		³ Reason for Filing Code New Completion
⁴ API Number 30 - 045 - 31084	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 000976	⁸ Property Name Riddle C LS	⁹ Well Number 3B

II. ¹⁰ Surface Location

UI or lot no. K	Section 29	Township 31N	Range 09W	Lot.Idn	Feet from the 2180'	North/South Line South	Feet from the 1425'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. L	Section 29	Township 31N	Range 09W	Lot Idn	Feet from the 2500'	North/South line South	Feet from the 660'	East/West line West	County
¹² Lse Code F (Federal)	¹³ Producing Method Code F	¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
151618	EL PASO FIELD SERVICES BOX 4490 FARMINGTON, NM 87499	2833008	G	
9018	GIANT REFINING CO P.O. BOX 12999 SCOTTSDALE, AZ 85267	2833007	O	

IV. Produced Water

²³ POD 2833009	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 08/09/2002	²⁶ Ready Date 09/18/2002	²⁷ TD 5859'	²⁸ PBDT 5856'	²⁹ Perforations 4771' - 5809'	³⁰ DHC, DC, MC
³¹ Hole Size 13 1/2"	³² Casing & Tubing Size 9 5/8" 32.3#	³³ Depth Set 154'		³⁴ Sacks Cement 150 SXS CMT	
8 3/4"	7" 20 & 23#	2832'		340 SXS CMT	
6 1/4" (LINER)	4 1/2" 11.6#	5859'		200 SXS CMT	
(Tubing)	2 3/8"	5495'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ TD 09/18/2002	³⁸ Test Length 12 hrs	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure 150#
⁴¹ Choke Size 3/4"	⁴² Oil Trace	⁴³ Water Trace	⁴⁴ Gas 1150 MCF	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Mary Corley</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i>	
Printed name: Mary Corley		Title: <i>[Signature]</i>	
Title: Senior Regulatory Analyst		Approval Date: OCT 15 2002	
Date: 09/19/2002		Phone: 281-366-4491	

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date