

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

OIL CONS. DIV DIST. 3

NOV 06 2014

Operator Signature Date: 10/6/14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-32123-00-00	PRITCHARD C	001S	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	I	34	31	N	9	W

Application Type:

- P&A
 Drilling/Casing Change
 Location Change
 Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)
 Other: Perforations

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations, casing & cement

The perforations from 2895-2914 are outside the previous perforations. Therefore, if this interval is perforated a new Completion report and C-104 will be required.

NMOCD Approved by Signature

11-6-14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMMN013686

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other: COAL BED METHANE

8. Well Name and No.
PRITCHARD C 1S

2. Name of Operator
BP AMERICA PRODUCTION CO. Contact: TOYA COLVIN
E-Mail: Toya.Colvin@bp.com

9. API Well No.
30-045-32123-00-S1

3a. Address
501 WESTLAKE PARK BLVD. RM 4.423B
HOUSTON, TX 77079

3b. Phone No. (include area code)
Ph: 281-366-7148

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T31N R9W NESE Lot 9 1760FSL 1020FEL

OIL CONS. DIV DIST. 3
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11. County or Parish, and State
SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BP America Production Company respectfully requests to re-perforate the existing formation in the subject well.

Please see attached procedure, wellbore diagram, and C-102.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP America Production Company will use a closed-loop system during operations.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #268830 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO., sent to the Farmington
Committed to AFSS for processing by JIM LOVATO on 10/27/2014 (15JXL0010SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/06/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JIM LOVATO</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/27/2014</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <u>Farmington</u>

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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Revisions to Operator-Submitted EC Data for Sundry Notice #268830

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	WRK NOI	WRK NOI
Lease:	NMNM013686	NMNM013686
Agreement:		
Operator:	BP AMERICA PRODUCTION COMPANY 501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE, 12.18 HOUSTON, TX 77079 Ph: 281-366-7148	BP AMERICA PRODUCTION CO. 501 WESTLAKE PARK BLVD. RM 4.423B HOUSTON, TX 77079 Ph: 281-366-7148
Admin Contact:	TOYA COLVIN REGULATORY ANALYST E-Mail: Toya.Colvin@bp.com Ph: 281-366-7148	TOYA COLVIN REGULATORY ANALYST E-Mail: Toya.Colvin@bp.com Ph: 281-366-7148
Tech Contact:	TOYA COLVIN REGULATORY ANALYST E-Mail: Toya.Colvin@bp.com Ph: 281-366-7148	TOYA COLVIN REGULATORY ANALYST E-Mail: Toya.Colvin@bp.com Ph: 281-366-7148
Location:		
State:	NM	NM
County:	SAN JUAN	SAN JUAN
Field/Pool:	BASIN FRUITLAND COAL	BASIN FRUITLAND COAL
Well/Facility:	PRITCHARD C 1S Sec 34 T31N R09W NESE 1760FSL 1020FEL 36.852390 N Lat, 107.762757 W Lon	PRITCHARD C 1S Sec 34 T31N R9W NESE Lot 9 1760FSL 1020FEL



Pritchard C 1S

30-045-32123

Unit letter I Sec 34, Town 31N, Range 9W
San Juan, NM
Fruitland Coal Formation

The purpose of this procedure is to outline the re-perforation of the Fruitland formation on the Pritchard C-1S if significant scale is found on the tubing and/or rods and pump:

Basic Job Procedure:

1. Pull Rods
2. Pull tubing
3. Run bit and scraper across old perforations
4. Cleanout well as necessary
5. Re-perforate liner along same intervals:
 - a. \pm 2747-2755
 - b. \pm 2762-2778
 - c. \pm 2801-2825
 - d. \pm 2847-2852
 - e. \pm 2895-2914
6. Acidize perforations with \pm 1,500 gal 15% HCL
7. Run tubing
8. Run pump and rods

Current/Proposed Wellbore Diagram

PRITCHARD C1S

Current Wellbore



9-5/8" Csg TOC: Surface
Pumped 100 sx CL C
7" Csg TOC: Surface
Pumped 341 sx CL G
Formation:Tops
Ojo Alamo 1672
Kirtland 1799
Fruitland Coal 2720
Pictured Cliffs 2959

Deviation Survey	
Depth	Deviation
121	1
651	1.25
1149	1
1648	0.75

FRUITLAND COAL Perfs
All at 4 SPF, 90 phase, 72 holes
Underream 12" from 2697-2930
2747- 2755

Liner Top @ 2639'
Baker SLR-P Liner Hanger
End of Prod Csg @ 2693'

2762- 2778
2801- 2825
2847- 2852
2895- 2914

Component	Details	#
Polished rod	1.25" x 26'	1
Pony Rod	0.75" x 2'	2
Sucker Rods	0.75" x 25'	112
Sinker Rods	1.25" x 25'	2
RWAC Pump	2" x 1.5" x 16'	1

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F-Nipple at 2,900'

EOT @
2,919'

End of Prod Liner @ 2931'

GENERAL WELL DATA

FIELD	San Juan South		
WELL	Pritchard C1S		
CO,STATE	San Juan, New Mexico		
API No.	30-045-32123		
RKB ELEVATION	6,143	SEC:	34
GL ELEVATION	6,132	TOWN:	31N
RKB-GL	11	RANGE:	9W
Lat: 36.85239006	Long: -107.7627577		

DIRECTIONAL DATA

MAX ANGLE	1.250	THRU	651
KOP	N/A	TYPE	Vertical

TUBULAR DETAILS

	Tubing	Prod:Liner	Prod Csg
SIZE	2 3/8"	5 1/2"	7"
WEIGHT	4.7ppf	15.5ppf	20ppf
GRADE	J-55	J-55	J-55
DEPTH	2,919'	2,931'	2,693'
THREAD	8R EUE	Hydril 511	8R ST+C
I.D.	1.995"	4.950"	6.456"
DRIFT	1.901"	4.825"	6.331"
BURST	7700 PSI	4810 PSI	3740 PSI
COLLAPSE	8100 PSI	4040 PSI	2270 PSI
CAPACITY	0.00387 bbl/ft	0.02380 bbl/ft	0.04049 bbl/ft

BOTTOM HOLE ASSEMBLY DETAIL (Top Down)

O.D.	I.D.	LENGTH	DESCRIPTION
IN	IN	FT	
2.375	1.780	1.00	F-Nipple
2.375	1.995	18.00	Mule Shoe w/ 0.375" weep hole

CASING STRINGS

#	SIZE	WT	GRADE	THREAD	DEPTH
A	9 5/8	32	H-40	8R ST+C	143
B	7	20	J-55	8R ST+C	2,693
C	5 1/2	15.5	J-55	Hydril 511	2,931
D					
E					
F					
G					

PRESSURE & TEMPERATURE DATA

BOTTOM HOLE PRESSURE	240 PSI
Estimated	
BOTTOM HOLE TEMPERATURE	120°F
Calculated	

Prepared by: Jacob Wendte

Date: 2-Oct-2014

Plug Back Total Depth:	2930	MD	2930	TVD
Total Depth:	2932	MD	2932	TVD

Spud: 06/2004

Completed: 07/2004

Last Workover: 05/2011