

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.

Operator Signature Date: 8-15-14

Well information:

frmWellFilterSub																
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	FE
30-045- 27338-00- 00	KERNAGHAN B	005	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F		A	28	31	N	8	W	1210	N 1115 E

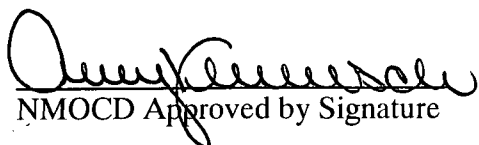
Application Type:

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

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

If perforations are above or below existing perms file C104 and completion report before
returning to production


NMOCD Approved by Signature

9-12-14
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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No. NMSF078387A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. KERNAGHAN B 5
9. API Well No. 30-045-27338-00-S1
10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
11. County or Parish, and State SAN JUAN COUNTY, NM

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE	
2. Name of Operator BP AMERICA PRODUCTION CO. Contact: TOYA COLVIN E-Mail: Toya.Colvin@bp.com	
3a. Address 501 WESTLAKE PARK BLVD. RM 4.423B HOUSTON, TX 77079	3b. Phone No. (include area code) Ph: 281-366-7148
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T31N R8W NENE 1210FNL 1115FEL 36.872421 N Lat, 107.674820 W Lon	

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 recompleat 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 recompleat 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 reperfurate the existing formation in the subject well, then return the well to production.

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

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

RCVD SEP 4 '14
OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct. Electronic Submission #257227 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO., sent to the Farmington Committed to AFMSS for processing by JIM LOVATO on 08/28/2014 (14JXL0170SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/15/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JIM LOVATO	Title PETROLEUM ENGINEER	Date 08/28/2014
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 Farmington		

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 ****

NMOC D

[Signature]

NMOC D

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised July 16, 2010
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-27338	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000766	⁵ Property Name Kernaghan B	⁶ Well Number 5
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6319

¹⁰ Surface Location

UL or lot no. A	Section 28	Township 31N	Range 08W	Lot Idn	Feet from the 1210	North/South line North	Feet from the 1115	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16									

¹⁷ **OPERATOR CERTIFICATION**
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Toya Colvin 8/15/2014
Signature Date

Toya Colvin
Printed Name

Toya.Colvin@bp.com
E-mail Address

¹⁸ **SURVEYOR CERTIFICATION**
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

Previously Filed

Certificate Number

RCVD SEP 4 '14
OIL CONS. DIV.
DIST. 3



Kernaghan B 5

30-045-27338

Unit letter A Sec 28, Town 31N, Range 08W
San Juan, NM
Fruitland Coal Formation

The purpose of this procedure is to outline the re-perforating of the Kernaghan B 5 to ensure full connectivity to the Fruitland Coal Formation.

Basic Job Procedure:

1. Pull Rods
2. Pull tubing
3. Perforate existing liner in similar intervals as current perforations:
 - i. $\pm 3046 - 3064'$
 - ii. $\pm 3094 - 3112'$
 - iii. $\pm 3156 - 3184'$
4. Land tubing at $\pm 3,170$
5. Run pump and rods

Current/Proposed Wellbore Diagram

Kernaghan B 5					Current Wellbore																																																																																																																										
<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">9.625" Csg TOC: Surface</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Pumped 260 sx Class B</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">7" Csg TOC: 425' Calc</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Pumped 624 sacks</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">5.5" Lnr TOC: N/A</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Not Cemented</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Formation Tops</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Fruitland 2998</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;"> Deviation Survey Depth Deviation ? ? </div>			<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">FIELD San Juan South</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">WELL Kernaghan B 5</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">COUNTY San Juan, New Mexico</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">API No. 30-045-27338</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">RKB ELEVATION 6,332 SEC: 28</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">GL ELEVATION 6,319 TOWN: 31N</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">RKB-GL 13 RANGE: 8W</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Lat: 36.87244041 Long: -107.6754515</div>																																																																																																																										
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