

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

David R. Catanach, 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: 4/2/2015

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-27938-00-00	RIDDLE B	003	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	B	22	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: Deepen well for rat hole

Conditions of Approval:

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

Hold C-104 for mud log

NMOCD Approved by Signature

4/8/15

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.  
NMNM012647

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.  
RIDDLE B 3

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

9. API Well No.  
30-045-27938-00-S1

3a. Address  
200 ENERGY CT.  
FARMINGTON, NM 87401

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 22 T31N R9W NWNE 0830FNL 1470FEL  
36.888687 N Lat, 107.763184 W Lon

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 checked="" 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 type="checkbox"/> Other
	<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 deepen the subject well. Please see the attached procedure including wellbore schematics and plat.

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

**OIL CONS. DIV DIST. 3**

**APR 06 2015**

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

**Electronic Submission #297070 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO., sent to the Farmington  
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 04/02/2015 (15WMT0367SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/02/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By WILLIAM TAMBEKOU

Title PETROLEUM ENGINEER

Date 04/02/2015

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 \*\***

**NMOCD**

**Riddle B 003**

**FC**

**API #300-45-27938**

**Unit B - Sec 22 - T31N - R09W**

**San Juan, NM**

**Reason/Background for Job**

The proposed work is to pull existing liner, deepen the well to provide additional rathole and re-install liner to effectively produce the Fruitland Coal formation

**Basic job procedure**

1. Pull tubing
2. Pull liner
3. Deepen well to  $\pm 3360'$  – a mudlogger will be on location while drilling
4. Run liner – either pre-slotted or perforate after installation; liner might be run with bit and sub on bottom
5. Run tubing
6. Return well to production

**Current WBD**



**Riddle B 003**  
FC  
API #300-45-27938  
Unit B - Sec 22 - T31N - R09W  
San Juan, NM

GL 6486'  
KB 6498'

TOL @ 2995'

F Nipple @ 3246'

EOT @ 3265'

TD 3300'

#### Surface Casing

12 1/4" hole  
9 5/8", 36#, K55 @ 267'  
161 sxs B  
TOC @ surface (circ)

#### Tubing String

	<u>Length (ft)</u>
MS 2 3/8", 4.7#, J55 w/ 1/2" weep hole	18
F Nipple 2 3/8" / 1.78"	1
Tubing 2 3/8", 4.7#, J55, , 101 jts	3188
Pup Jt 2 3/8", 4.7#, J55, , (6', 8')	14
Tubing 2 3/8", 4.7#, J55,	32

#### Rod String

	<u>Length (ft)</u>
Pump RHAC 2" x 1 1/4"	12
Stabilizer pony rod 3/4"	4
Sinker Bars 1 1/4" x 25', 3 jts	75
Rods 3/4" grd D, 124 jts	3100
Pony Rods 3/4" (8', 8', 4')	20
Polished rod 1 1/4"	26

#### Production Casing

8 5/8" hole  
7" 23#, K55 @ 3097'  
610 sxs  
TOC @ surface (circ)

#### Liner Perforations

3140 - 3155'  
3168 - 3189'  
3205 - 3214'  
3246 - 3248'  
3255 - 3257'

#### Production Liner

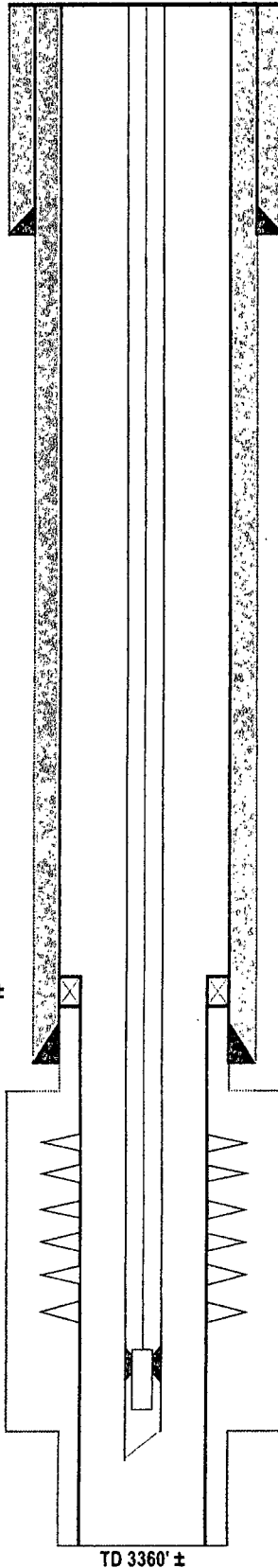
6 1/4" hole; underreamed to 9 1/2"  
5 1/2" liner, 17#, N80: 2998 - 3299'  
uncemented  
might have bit & sub on bottom

## Proposed WBD



GL 6486'  
KB 6498'

Riddle B 003  
FC  
API #300-45-27938  
Unit B - Sec 22 - T31N - R09W  
San Juan, NM



### Surface Casing

12 1/4" hole  
9 5/8", 36#, K55 @ 267'  
161 sxs B  
TOC @ surface (circ)

### Tubing String

MS 2 3/4", 4.7#, J55, 20' ±  
w/ 1/2" weep hole  
F Nipple 2 3/8" / 1.78"  
Tubing 2 3/8", 4.7#, J55  
add pup jts for spaceout

### Rod String

Pump RHAC 2" x 1 1/4" x 12' ±  
Stabilizer pony rod 3/4" x 4' ±  
Sinker Bars 1 1/4" x 25', 3 jts  
Stabilizer pony rod 3/4" x 4' ±  
Rods 3/4" grd D, 124 jts  
add pony rods for spaceout  
Polished rod 1 1/4" x 26' ±

### Production Casing

8 1/8" hole  
7" 23#, K55 @ 3097'  
610 sxs  
TOC @ surface (circ)

Liner perfs will be determined  
based on logs

### Production Liner

6 1/4" hole; underreamed to 9 1/2"  
6 1/4" hole 3300 - 3360' ±  
5 1/2", 15.50#, J55 Hydrill 511 @ 3360' ±

**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 &amp; 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

<sup>1</sup> API Number 30-045-27938	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 000974	<sup>5</sup> Property Name Riddle B	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company	<sup>9</sup> Elevation 6486

<sup>10</sup> Surface Location

U/L or lot no. B	Section 22	Township 31N	Range 09W	Lot Idn	Feet from the 830	North/South line North	Feet from the 1470	East/West line East	County San Juan
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<sup>11</sup> Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 313.68	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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 unleased 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 under heretofore entered by the division. Signature: <u>Boya Colvin</u> Date: <u>4/01/2015</u> Printed Name: <u>Boya Colvin</u> E-mail Address: <u>Boya.Colvin@bp.com</u>	
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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: _____	