

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.
NMSF078807A

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.
892000844L

8. Well Name and No.
GALLEGOS CANYON UNIT 5

9. API Well No.
30-045-07466-00-S2

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. County or Parish, and State
SAN JUAN COUNTY, NM

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

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

3a. Address
200 ENERGY COURT
FARMINGTON, NM 87401

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 13 T28N R13W SENE 1980FNL 0990FEL
36.663960 N Lat, 108.164350 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 re-perforate the existing formation in the subject well, then return the well to production.

Please see attached procedure, wellbore diagrams, 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.

RCVD SEP 22 '14
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #262091 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 09/18/2014 (14JXL0239SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/09/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JIM LOVATO

Title PETROLEUM ENGINEER

Date 09/18/2014

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 ****

NMOCD PY

5

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 30-045-07466	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	
		⁶ Well Number 5
		⁹ Elevation 5615

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	28N	13W		1980	North	990	East	San Juan

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.	RCUD SEP 22 '14 OIL CONS. DIV. DIST. 3
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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.

<div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<div style="border: 1px solid black; padding: 5px;"> ¹⁷ OPERATOR CERTIFICATION <i>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 order heretofore entered by the division.</i> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> 9/9/14 Date </div> </div> <div style="margin-top: 10px;"> Tova Colvin Printed Name Tova.Colvin@bp.com E-mail Address </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> ¹⁸ SURVEYOR CERTIFICATION <i>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.</i> <div style="margin-top: 10px;"> Date of Survey Signature and Seal of Professional Surveyor: </div> <div style="text-align: center; margin-top: 20px;"> Previously Filed </div> <div style="margin-top: 10px;"> Certificate Number </div> </div>
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GCU 5

30-045-07466

Unit letter H Sec 13, Town 28N, Range 13W
San Juan, NM
Fruitland Coal Formation

The purpose of this procedure is to outline the Re-Perforation of the Fruitland Coal

Basic Job Procedure:

1. Pull tubing
2. Cleanout well to PBTD
3. Run a bit and scraper
4. Re-Perforate from $\pm 1,348 - 1,364'$ at ± 4 SPF
5. Acidize perforations with $\pm 1,600$ gal 15% HCL
6. Run and land tubing at $\pm 1,355'$
7. Return well to production

Current Wellbore Diagram

GCU 5

Current Wellbore



GENERAL WELL DATA					
FIELD	San Juan South				
WELL	GCU 5				
COUNTY	San Juan, New Mexico				
API No.	30-045-07466				
RKB ELEVATION	5,628	SEC	13		
GL ELEVATION	5,616	TOWN	28N		
RKB-GL	12	RANGE	13W		
Lat: 36.66404411		Long: -108.1650168			
DIRECTIONAL DATA					
MAX ANGLE	?	THRU	N/A		
KOP	N/A	TYPE	Vertical		
TUBULAR DETAILS					
	TUBING		Casing		
SIZE	2 3/8"		5 1/2"		
WEIGHT	4.7ppf		14ppf		
GRADE	J-55		J-55		
DEPTH	1,370'		1,381'		
THREAD	8R EUE		8R ST+C		
ID	1.995"		5.012"		
DRIFT	1.901"		4.887"		
BURST	7700 PSI		4270 PSI		
COLLAPSE	8100 PSI		3120 PSI		
CAPACITY	0.00387 bbl/ft		0.02440 bbl/ft		
BOTTOM HOLE ASSEMBLY DETAIL (Top Down)					
#	O.D.	I.D.	LENGTH	DESCRIPTION	
	IN	IN	FT		
1	2.375	1.875	1.13	X-Nipple	
2	2.375	1.995	3.97	Pup	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
CASING STRINGS					
#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	10 3/4	33	J-55	8R ST+C	100
B	5 1/2	14ppf	J-55	8R ST+C	1,381
B					
C					
D					
E					
F					
PRESSURE & TEMPERATURE DATA					
BOTTOM HOLE PRESSURE					112 PSI
Estimated					
BOTTOM HOLE TEMPERATURE					91°F
Calculated					
Prepared by: Jacob Wendte			Date: 7-Jul-2014		

Plug Back Total Depth	1375	MD	1375	TVD	
Total Depth	1470	MD	1470	TVD	

Spud: 09/25/1951

Re-Completed: 3/1992

Last Workover: 1/24/2013

RCVD SEP 22 '14

OIL CONS. DIV.

DIST. 3

Proposed Wellbore Diagram

GCU 5

Proposed Wellbore



10.75" Csg TOC: Surface

Pumped 90 sx cement

5.5" Csg TOC: Surface

Pump 90 sx cement

Formation Tops

Fruitland 1348
Pictured Cliffs 1375

Squeeze Back @ 170'

Pump 50 sx CL B with returns to surface - test casing to 400 - pass

Fruitland Coal Perfs

REPERF 1348 - 1364 @ 4 SPF

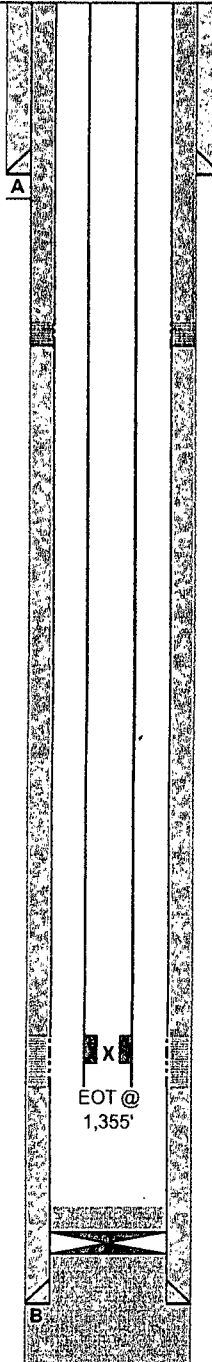
1348 - 1364

All at 4 SPF, 64 shots total

Frac w/ 309 bbl linear gel and 70Q foam, 13,962# 12/20 sand

Pictured Cliffs

Shot 1394 - 1441 w/ 110 qts SNG



X-Nipple at 1,350'

EOT @
1,355'

CIBP @ 1375'

End of Casing @ 1381'

GENERAL WELL DATA

FIELD	San Juan South		
WELL	GCU 5		
COUNTY	San Juan, New Mexico		
API No	30-045-07466		
RKB ELEVATION	5,628	SEC	13
GL ELEVATION	5,616	TOWN	28N
RKB-GL	12	RANGE	13W
Lat: 36.66404411		Long: -108.1650168	

DIRECTIONAL DATA

MAX ANGLE	?	THRU	N/A
KOP	N/A	TYPE	Vertical

TUBULAR DETAILS

	TUBING	Casing
SIZE	2 3/8"	5 1/2"
WEIGHT	4.7ppf	14ppf
GRADE	J-55	J-55
DEPTH	1,355'	1,381'
THREAD	8R EUE	8R ST+C
I.D.	1.995"	5.012"
DRIFT	1.901"	4.887"
BURST	7700 PSI	4270 PSI
COLLAPSE	8100 PSI	3120 PSI
CAPACITY	0.00387 bbl/ft	0.02440 bbl/ft

BOTTOM HOLE ASSEMBLY DETAIL (Top Down)

#	O.D. IN	I.D. IN	LENGTH FT	DESCRIPTION
1	2.375	1.875	1.13	X-Nipple
2	2.375	1.995	3.97	Pup
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

CASING STRINGS

#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	10 3/4	33	J-55	8R ST+C	100
B	5 1/2	14ppf	J-55	8R ST+C	1,381
B					
C					
D					
E					
F					

PRESSURE & TEMPERATURE DATA

BOTTOM HOLE PRESSURE 112 PSI

Estimated

BOTTOM HOLE TEMPERATURE 91°F

Calculated

Prepared by: Jacob Wendte Date: 9-Sep-2014

Plug Back Total Depth:

1375 MD 1375 TVD

Total Depth:

1470 MD 1470 TVD

Spud: 09/25/1951

Re-Completed: 3/1992

Last Workover: 1/24/2013

ROVD SEP 22 '14
OIL CONS. DIV.
DIST. 3