

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 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, 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 <u>JIM LOVATO</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>09/18/2014</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 \*\***

**NMOCD**

**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**

<sup>1</sup> API Number 30-045-07466		<sup>2</sup> Pool Code 71629		<sup>3</sup> Pool Name Basin Fruitland Coal	
<sup>4</sup> Property Code 000570		<sup>5</sup> Property Name Gallegos Canyon Unit			<sup>6</sup> Well Number 5
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 5615

**<sup>10</sup> 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

**<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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DIST. 3

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					<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p><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></p> <p><i>Toya Colvin</i> 9/9/14 Signature Date</p> <p>Toya Colvin Printed Name</p> <p>Toya.Colvin@bp.com E-mail Address</p>
					<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
					<p>Previously Filed</p> <p>Certificate Number</p>



# 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  $\pm 4$  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



**10.75" Csg TOC Surface**

Pumped 90 sx cement

**5.5" Csg TOC Surface**

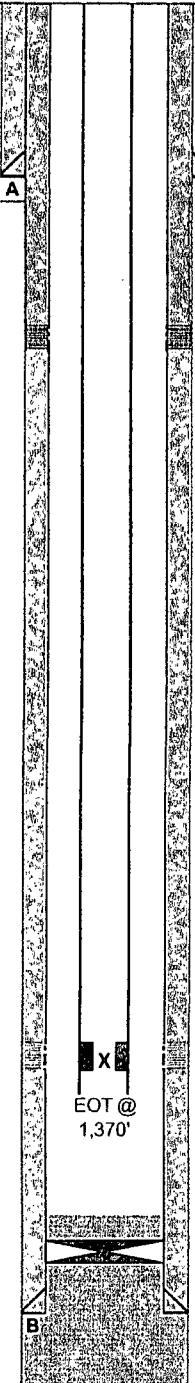
Pump 90 sx cement

**Formation Tops**

Fruitland	1348
Pictured Cliffs	1375

**Stucco Leak @ 1170**

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



**Fruitland Coal Perfs**

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 1,365'

EOT @ 1,370'

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	1,370'	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. 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
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

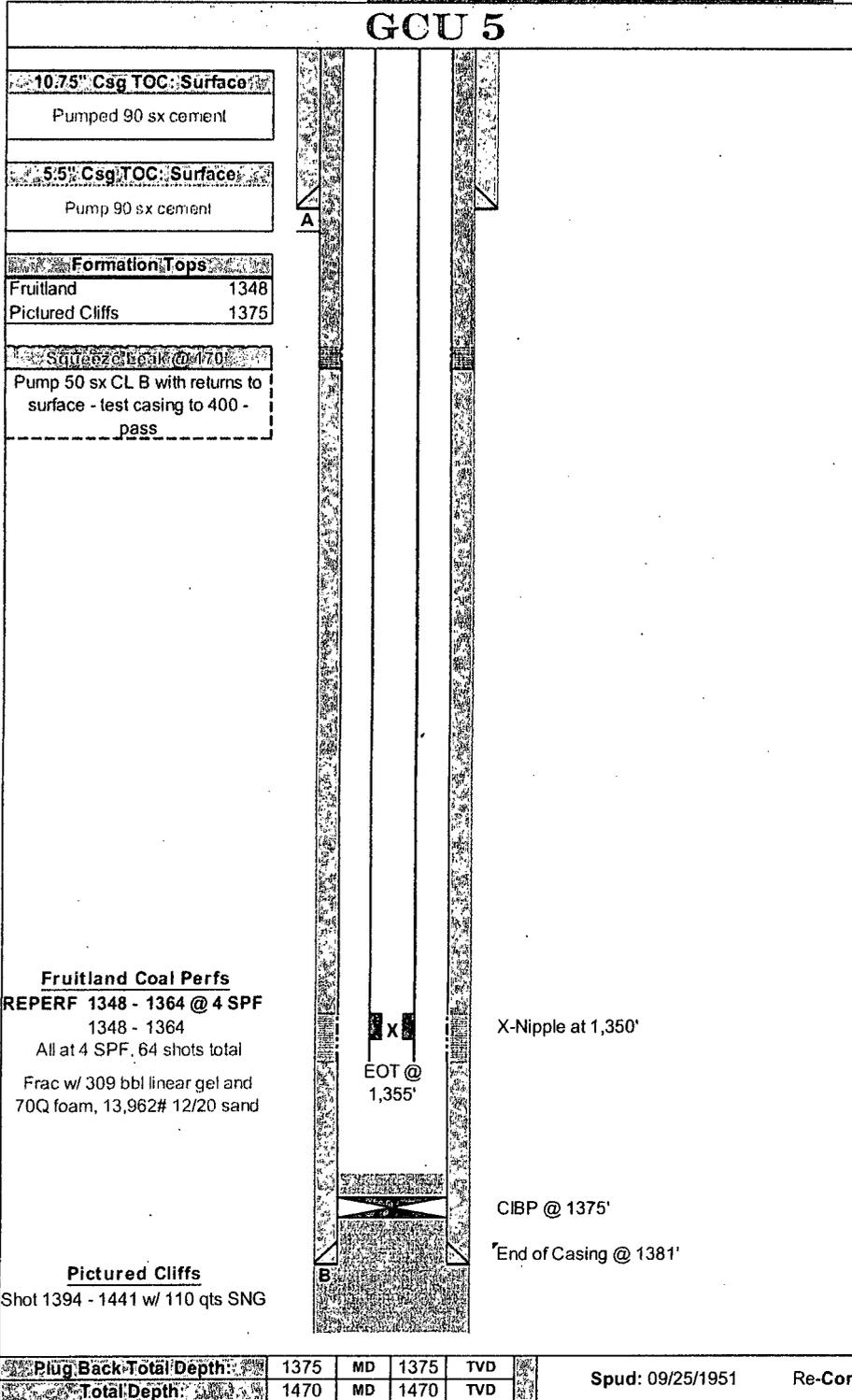
Spud: 09/25/1951 Re-Completed: 3/1992 Last Workover: 1/24/2013

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DIST. 3

# Proposed Wellbore Diagram

## GCU 5

## Proposed 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	1,355'	1,381'				
THREAD	8R EUE	8R ST+C				
ID	1.995"	5.012"				
DRIFT	1.901"	4.887"				
BURST	7700 PSI	4270 PSI				
COLLAPSE	8,100 PSI	3,120 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	
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