

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-26283
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
8. Well Number 147E
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5598 GL

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BP America Production Company

3. Address of Operator
P.O. Box 3092 Houston, TX 77253-3092

4. Well Location
Unit Letter K : 1850' feet from the South line and 1700' feet from the West line
Section 4 Township 27N Range 12W NMPM County San Juan

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: Recompletion /Downhole commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

RCVD MAY 6 '13
OIL CONS. DIV.
DIST. 3

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company requests permission to re-complete into the Basin Mancos by setting a CIBP over the Basin Dakota, establishing a steady production rate in the Basin Mancos, then remove the CIBP & downhole commingle production with the existing Basin Dakota.

The DK (71599) & the Basin Mancos (97232) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for DHC of production in wellbores within the GCU without notice to the unit interest owners. Therefore, no additional notification is required prior to DHC approval.

Production is proposed to be allocated based on the subtraction method using the DK projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Basin Mancos.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

Please see attached DHC procedure, wellbore schematics & C-102 plat. BLM notified via 3160-5 form for lease NMSF078902

Spud Date: 04/02/1985 Rig Release Date: DHC 3835 A2

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 05/02/13

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-366-7148
State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE MAY 14 2013
Conditions of Approval (if any): AV

FIELD	San Juan		
WELL	GCU 147E		
COUNTY	San Juan, New Mexico		
API No.	30-045-26283		
RKB ELEVATION	5,744	SEC:	4
GL ELEVATION	5,731	TOWN:	27N
RKB-GL	13	RANGE:	12W

1. MIRU
2. ND wellhead/NU BOPE
3. Test BOPE
4. Pull Production tubing
5. Run bit and scraper, run mill if necessary
6. Set CIBP/Cement Retainer @ 5890' (~30' above top Dakota Perforation)
 - a. Dakota Perfs @ 5920'-6030'
7. MIT casing
 - a. If frac down casing: minimum 3500 psi MIT
 - b. If using Frac string: minimum 2000 psi MIT
 - c. Minimum pressure to be 500 psi per NMOCD rule 19.15.25.14
8. Repair integrity issues as necessary
9. Run CBL log, verify 500' of cement above planned top perf.
10. Spot 20' sand on top of CIBP (2, 100# sacks)
11. Shoot perfs
 - a. Planned perfs: 5308'-5320'
12. Run frac string if necessary
13. ND BOPE
14. NU Frac stack
15. RDMO
16. Frac Mancos using 70Q N2 foam and 100K#s of sand
17. MIRU
18. RIH with mill and mill up all plugs to ~5890'
19. Run production tubing and land @ ~5340'
20. Run Pump and rods
21. Produce Mancos until production can be determined, after a steady production rate is obtained, we will go back and mill up the CIBP set @ 5890' and co-mingle with the Dakota

Current WBD:

GCU 147E

Current Wellbore



COMMENTS

8-5/8" Casing TOC: Surface
Cmt w/ 283 sx Cl B

7" Casing TOC: Circ. Cmt
Stage 1: Pump 584 sx B;
Stage 2: Pump 513 sx B;

Formation Tops
Well Not Logged Above the Galup

Galup4,945
Greenhorn5,790
Dakota5,915

DV Tool @ 2984'

DAKOTA Perforations
Frac'd with "90,000 gal foam" and
155,000# 20-40 sand.
5920'- 5930'
5976'- 6030'

12-1/4" hole

A

B

8-3/4" hole

X

F

EOT @ 5,986

X-nipple @ 5980', ID: 1.875"

F-nipple @ 5983', ID: 1.780

EQUIPMENT DESCRIPTION

FIELD		San Juan			
WELL		GCU 147E			
COUNTRY		San Juan, New Mexico			
API No.		30-045-26283			
RKB ELEVATION	5,744	SEC:	4		
GL ELEVATION	5,731	TOWN:	27N		
RKB-GL	13	RANGE:	12W		
Lat: 36.60204		Long: -108.1202			
DIRECTIONAL DATA					
MAX ANGLE	1.250	THRU	TD		
KOP	N/A	TYPE	Vertical		
PRODUCTION DETAIL					
	TUBING	CASING			
SIZE	2 3/8 "	7 "			
WEIGHT	4.7ppf	23ppf			
GRADE	J-55	K-55			
DEPTH	5,986'	6,200'			
THREAD	8R EUE	ST+C			
ID.	1.995"	6.366"			
DRIFT	1.901"	6.241"			
BURST	7700 PSI	4790 PSI			
COLLAPSE	8100 PSI	4010 PSI			
CAPACITY	0.00387 bbl/ft	0.03937 bbl/ft			
# JOINTS	199				
PRODUCTION ASSEMBLY DETAIL (BOTTOMS UP)					
#	O. D.	I. D.	LENGTH	Description	
	IN	IN	FT		
1	2.375	1.995	2.00	Mule Shoe	
2	3.125	1.780	1.00	F-nipple	
3	2.375	1.995	4.00	Pup Joint	
4	3.125	1.875	1.00	X-nipple	
5					
6					
7					
8					
9					
10					
11					
12					
CASING DETAIL					
#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	9 5/8	36	N-80	ST+C	342
B	7	23	K-55	ST+C	6,200
C					
D					
E					
F					
G					
PRESSURE DATA					
BOTTOM HOLE PRESSURE					600 PSI
From Production data					
BOTTOM HOLE TEMPERATURE					162°F
Prepared by: David Wages					Date: 30-Apr-2013

Spud: 4/1985

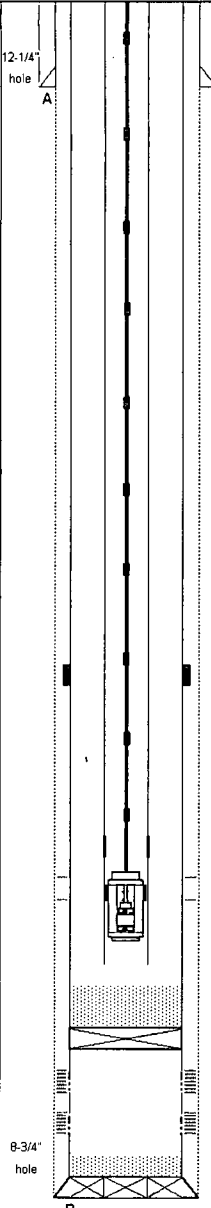
Completed: 4/16/1985

Last Workover:

Proposed Final WBD:

CCU 147E

Contingency Wellbore 

COMMENTS				EQUIPMENT DESCRIPTION			
8-5/8" Casing TOC: Surface Cmt w/ 283 sx Cl B							
7" Casing TOC: Circ. Cmt Stage 1: Pump 584 sx B; Stage 2: Pump 513 sx B;							
Formation Tops Well Not Logged Above the Gallup Gallup 4,945 Greenhorn 5,790 Dakota 5,915							
DV Tool @ 2984'				2-3/8" 4.7# J-55 tubing			
Proposed Gallup Perforations 5308'- 5320'				Single Magnum Disk			
DAKOTA Perforations Frac'd with "90,000 gal foam" and 155,000# 20-40 sand. 5920' - 5930' 5976' - 6030'				1.780" ID F-nipple			
Plug Back Total Depth: 6155 MD 6155 TVD Total Depth: 6200 MD 6200 TVD				~16" Mule shoe EOT @ ~5340' ~20' sand CIBP @ 5890'			
				CASING DETAIL			
				PRESSURE DATA			
				BOTTOM HOLE PRESSURE 1920 PSI			
				From Production data			
				BOTTOM HOLE TEMPERATURE 162°F			
				Prepared by: David Wages Date: 30-Apr-2013			
				Spud: 4/1985 Completed: 4/16/1985 Last Workover:			

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 15, 2010
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-26283	² Pool Code 71599 & 97232	³ Pool Name Basin Dakota & Basin Mancos
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 147E
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5731

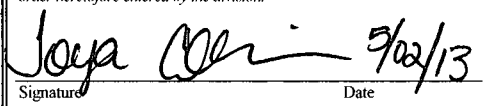
¹⁰ Surface Location

UL or lot no. K	Section 4	Township 27N	Range 12W	Lot Idn	Feet from the 1850	North/South line South	Feet from the 1700	East/West line West	County 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 RCVD MAY 6 '13	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-11567	OIL CONS. DIV. 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				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>  Signature _____ Date 9/02/13 Toya Colvin Printed Name Toya.Colvin@bp.com E-mail Address
				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> Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Previously Filed Certificate Number _____

