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

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

Form C-103
Revised August 1, 2011

WELL API NO.
30-045-24958

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
Federal Lease

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.)

7. Lease Name or Unit Agreement Name
Gallegos Canyon Unit

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

8. Well Number **86E**

2. Name of Operator
BP America Production Company

9. OGRID Number
000778

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

10. Pool name or Wildcat
Basin Dakota

4. Well Location
Unit Letter P : 1100' feet from the South line and 800' feet from the East line
Section 35 Township 29N Range 13W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5725' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: Recompletion /Downhole commingle ☒		OTHER:	☐

RCVD JAN 3 '14
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, 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 NMSF078926

Spud Date: 12/23/1981 Rig Release Date:

DHC 3859 AZ

* Prior to Perforating Provide CBL to Agencies for Review *

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 12/30/13

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

State Use Only

APPROVED BY: TITLE Deputy Oil & Gas Inspector, District #3 DATE JAN 15 2014

Conditions of Approval (if any):

IV

BP - San Juan Wellwork Procedure

GCU 86E

30-045-24958

Unit letter P SEC. 35, T29N, R13W
San Juan, NM
Dakota Formation

The purpose of this procedure is to outline the completion of the Pinon trend in the Gallup (Mancos) and commingling with the currently producing Dakota.

Basic Job Procedure:

1. Pull tubing
2. Set CIBP at +/-6,050'
3. Pressure test CIBP and casing to verify integrity
4. Run CBL (segmented) from the CIBP to surface.
5. Dump +/-20' of sand on CIBP
6. MIT wellbore
7. Recomplete to the Gallup (Mancos) with the following proposed perforations: +/-5590 - 5610'
8. Commingle well and cleanout/deepen PBTD to +/-5' above the 4.5" casing shoe at +/-6,342'
9. Land tubing at +/-6,293' and return well to production

Current Wellbore Diagram

GCU 86E

Current Wellbore bp

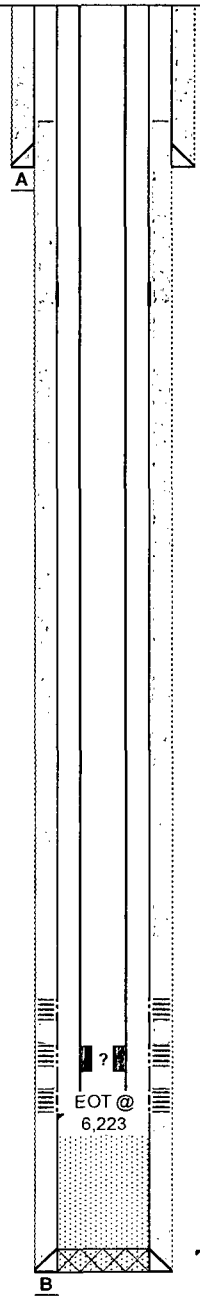
8.625" Csg TOC: Surface
300 sx Class B neat

4.5" Csg TOC: 300'

Stage 1: 440 sx class B 50/50 POZ, tail with 100 sx Class B neat; Stage 2: 1180 sx Class B 65/35 POZ tail with 100 sx Class B neat

Deviation Survey

Depth	Deviation
335	1
830	0.75
2196	0.5
2479	1
4485	0.75
6158	0.25



DV tool @ 4356'

Seating Nipple @ 6163'

Fill tagged at 6194' on 6-8-2011

End of Prod Casing @ 6345'

DAKOTA Perfs

6104- 6124

6134- 6152

6190- 6240
2 SPF, 176 shots, 0.38"
Frac all Dakota perfs w/ 133,000 gal & 358k # 20/40 sand

FIELD	San Juan South		
WELL	GCU 86E		
COUNTY	San Juan, New Mexico		
API No.	30-045-24958		
RKB ELEVATION	5,738	SEC:	35
GL ELEVATION	5,726	TOWN:	29N
RKB-GL	12	RANGE:	13W
Lat: 36.6787436		Long: -108.1693285	

DIRECTIONAL DATA

MAX ANGLE	1.000	THRU	2,479
KOP	N/A	TYPE	Vertical

PRODUCTION DETAIL

	TUBING	Prod Casing
SIZE	2 3/8 "	4. 1/2 "
WEIGHT	4.7ppf	10.5ppf
GRADE	**J-55**	**J-55**
DEPTH	6,223'	6,345'
THREAD	**8R EUE**	?
I.D.	1.995"	4.052"
DRIFT	1.901"	3.927"
BURST	**7700 PSI**	**4790 PSI**
COLLAPSE	**8100 PSI**	**4010 PSI**
CAPACITY	0.00387 bbl/ft	0.01595 bbl/ft
# JOINTS	**Red Data is Assumed**	

PRODUCTION ASSEMBLY DETAIL

#	O. D. IN	I. D. IN	LENGTH FT	Description
1	2.375	?	?	Seating Nipple
2	?	?	?	?
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

CASING DETAIL

#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	8 5/8	24	?	?	330
B	4 1/2	10.5ppf	J-55	?	6,345
C					
D					
E					
F					
G					

PRESSURE DATA

BOTTOM HOLE PRESSURE	534 PSI
Estimated	
BOTTOM HOLE TEMPERATURE	153°F
Calculated	

Prepared by: Jacob Wendte — Date: 26-Dec-2013

Plug Back Total Depth:	6296	MD	6296	TVD	
Total Depth:	6345	MD	6345	TVD	

Spud: 12-23-1981 **Completed:** 1-30-1982 **Last Workover:**

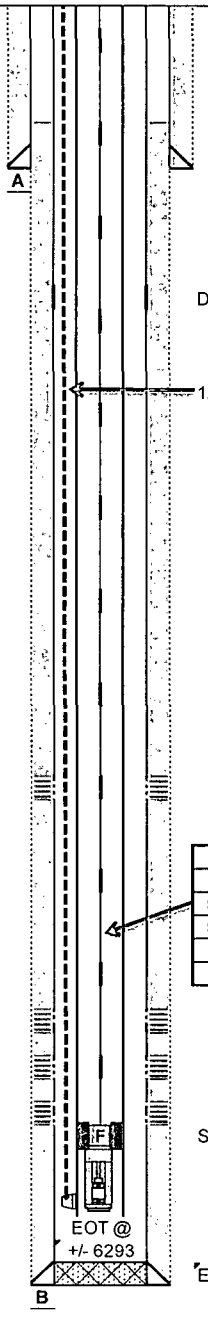
Proposed Wellbore Diagram

GCU 86E

8.625" Csg TOC: Surface
300 sx Class B neat

4.5" Csg TOC: 300'

Stage 1: 440 sx class B 50/50 POZ, tail with 100 sx Class B neat; Stage 2: 1180 sx Class B 65/35 POZ tail with 100 sx Class B neat



DV tool @ 4356'

1/4" SS line banded (2 bands per jt) to tubing

Seating Nipple @ +/-6270'

End of Prod Casing @ 6345'

Deviation Survey	
Depth	Deviation
335	1
830	0.75
2196	0.5
2479	1
4485	0.75
6158	0.25

Gallup Perfs

5590- 5610

DAKOTA Perfs

6104- 6124

6134- 6152

6190- 6240
2 SPF, 176 shots, 0.38"
Frac all Dakota perfs w/ 133,000 gal & 358k # 20/40 sand

Component	Details	#
Polished rod	1.25 x 26'	1
Sucker Rods "D"	0.875" x 25'	94
Sucker Rods "D"	0.75" x 25'	152
Sinker Rods "D"	1.25" x 25'	5
RHAC Pump:	2" x 1.5" x 15'	1

Proposed Wellbore

bp

FIELD	San Juan South			
WELL	GCU 86E			
COUNTY	San Juan, New Mexico			
API No.	30-045-24958			
RKB ELEVATION	5,738	SEC:	35	
GL ELEVATION	5,726	TOWN:	29N	
RKB-GL	12	RANGE:	13W	
Lat: 36.6787436	Long: -108.1693285			

DIRECTIONAL DATA

MAX ANGLE	1.000	THRU	2,479
KOP	N/A	TYPE	Vertical

PRODUCTION DETAIL

	TUBING	Prod Casing
SIZE	2 3/8 "	4 1/2 "
WEIGHT	4.7ppf	10.5ppf
GRADE	J-55	**J-55**
DEPTH	+/- 6293	6,345'
THREAD	8R EUE	?
I.D.	1.995"	4.052"
DRIFT	1.901"	3.927"
BURST	7700 PSI	**4790 PSI**
COLLAPSE	8100 PSI	**4010 PSI**
CAPACITY	0.00387 bbl/ft	0.01595 bbl/ft
# JOINTS		**Red Data Is Assumed**

PRODUCTION ASSEMBLY DETAIL

#	O. D. IN	I. D. IN	LENGTH FT	Description
1	2.375	1.780	1.00	F-Nipple
2	2.375	1.995	16.00	Pup jt w/0.25" weep hole
3	2.875	1.995	1.00	Injection Mandrel
4	2.375	1.995	4.00	4' pup
5	2.375	1.995	1.000	Mule Shoe
6				
7				
8				
9				
10				
11				
12				

CASING DETAIL

#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	8 5/8	24	?	?	330
B	4 1/2	10.5ppf	J-55	?	6,345
C					
D					
E					
F					
G					

PRESSURE DATA

BOTTOM HOLE PRESSURE	1440 PSI
Estimated	
BOTTOM HOLE TEMPERATURE	153°F
Calculated	

Prepared by: Jacob Wendte — Date: 26-Dec-2013

Plug Back Total Depth:	6337	MD	6337	TVD	
Total Depth:	6345	MD	6345	TVD	

Spud: 12-23-1981 **Completed:** 1-30-1982 **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 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-24958	71599	Basin Dakota

[4] Property Code	[5] Property Name	[6] Well Number
000570	Gallegos Canyon Unit	86E

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	5725

[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
P	35	29N	13W		1100	South	800	East	San Juan

[11] Bottom Hole Location If Different From Surface

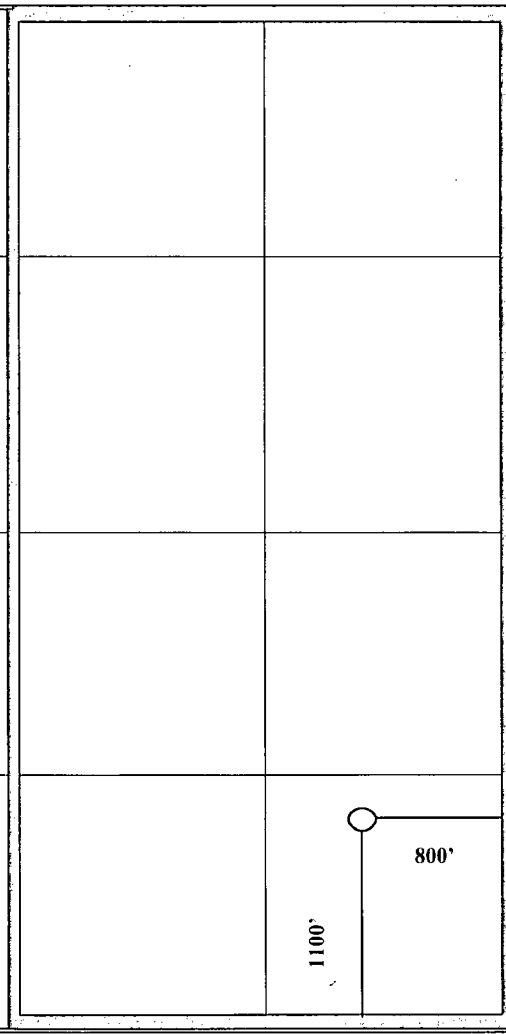
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

RCVD JAN 3'14
OIL CONS. DIV.
DIST. 3

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			R-11567

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 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.

Toya Colvin 12/30/13
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

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	[2] Pool Code	[3] Pool Name
30-045-24958	97232	Basin Mancos

[4] Property Code	[5] Property Name	[6] Well Number
000570	Gallegos Canyon Unit	86E

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	5725

[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
P	35	29N	13W		1100	South	800	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

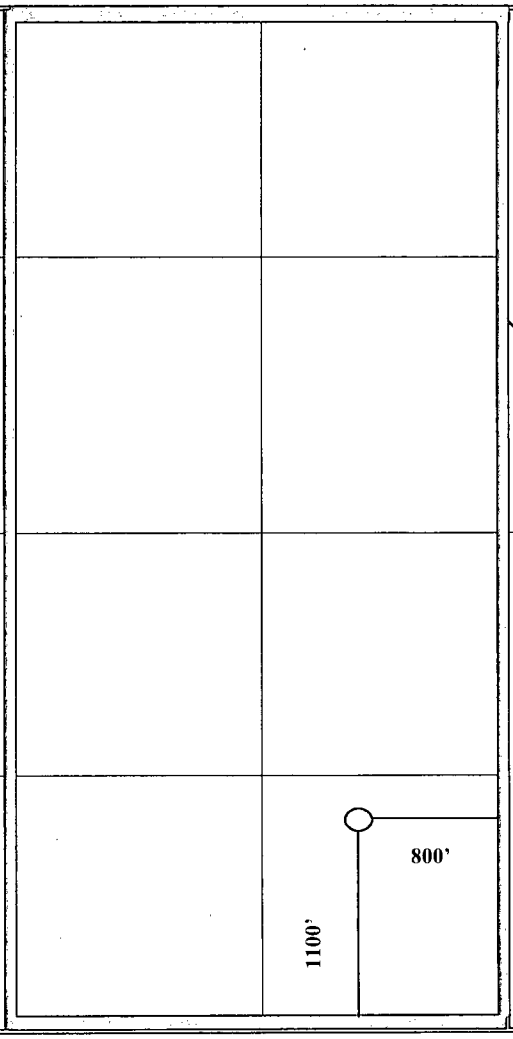
RCVD JAN 3'14

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			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 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.

Toya Colvin 12/30/13
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