

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

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.)		WELL API NO. 30-045-23897
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No. Federal Lease
3. Address of Operator P.O. Box 3092 Houston, TX 77253-3092		7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
4. Well Location Unit Letter <u>D</u> : <u>950'</u> feet from the <u>North</u> line and <u>1070'</u> feet from the <u>West</u> line Section <u>14</u> Township <u>28N</u> Range <u>12W</u> NMPM County <u>San Juan</u>		8. Well Number 207E
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>5702' GL</u>		9. OGRID Number 000778
		10. Pool name or Wildcat Basin Dakota

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 ☐ **RCVD JAN 3 '14**
OIL CONS. DIV.

OTHER: **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.

** Hold C104 for NSL and NSP Approval **

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 NMSF078905

Spud Date: 01/23/1980

Rig Release Date: DHC 3856 AZ

** Provide COL to AGENCIES for REVIEW prior to Penetration **

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: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE FEB 19 2014
Conditions of Approval (if any): NY

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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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 30-045-23897	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 207E
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5702

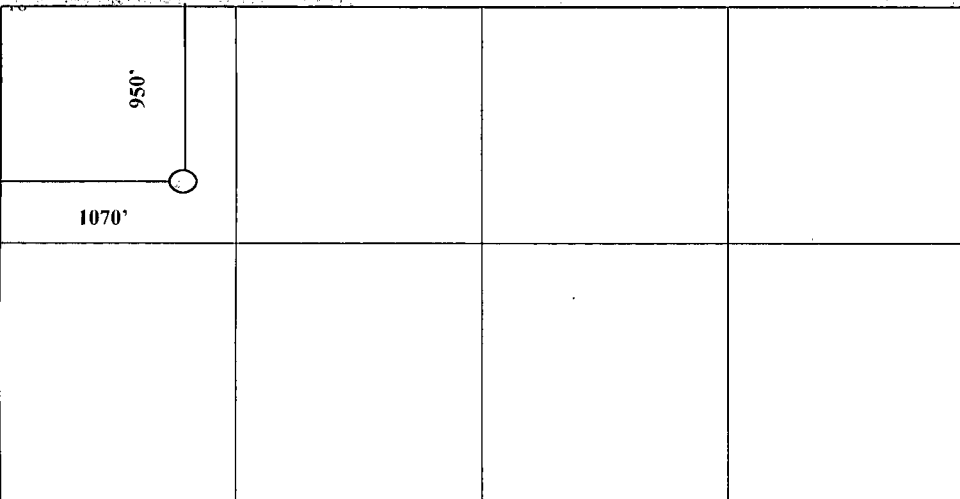
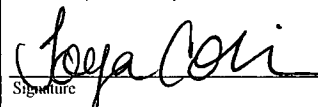
¹⁰ Surface Location

UL or lot no. D	Section 14	Township 28N	Range 12W	Lot Idn	Feet from the 950	North/South line North	Feet from the 1070	East/West line West	County San Juan
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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. R-11567	RCVD JAN 3 '14 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.

	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>  12/30/13 Signature Date 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			

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Form C-102
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-23897	² Pool Code 97232	³ Pool Name Basin Mancos
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	
		⁶ Well Number 207E
		⁹ Elevation 5702

¹⁰ Surface Location

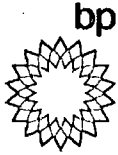
UL or lot no. D	Section 14	Township 28N	Range 12W	Lot Idn	Feet from the 950	North/South line North	Feet from the 1070	East/West line West	County San Juan
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									OIL CONS. DIV. DIST. 3

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.

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				Signature: <u>Toya Colvin</u> Date: <u>12/30/13</u> Printed Name: _____ E-mail Address: <u>Toya.Colvin@bp.com</u>	
				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: _____	



Gallegos Canyon Unit 207E

Dakota

API # 30-045-23897

T-28N, R-12-W, Sec. 14

San Juan County, New Mexico

Reason/Background for Job

The proposed work is to re-complete the GCU 207E to Basin Mancos. The proposed work is to isolate the Dakota, perf and frac the Mancos with approx 100,000# of sand in a 70Q foam. Then clean out, re-open the Dakota and set well back on production by commingling the Dakota and Basin Mancos zones.

1. MIRU service rig
2. Pull tubing
3. Set bridge plug to isolate DK
4. MIT wellbore to \pm 1850 psi (maximum expected reservoir pressure 1650 psi)
8. Run CBL
9. Perforate Mancos \pm 5640 – 5660' (to be correlated w/ open hole log of 1980)
10. RDMO
11. Frac Mancos
12. Flowback
13. Install facilities
14. MIRU Service Unit
15. Drill out bridge plug; Clean out to PBTD; Drill out PBTD to 6372' (if possible)
16. Run production tubing
17. Run pump and rods & produce well (DH commingle)

Gallegos Canyon Unit 207E

Dakota

API # 30-045-23897

T-28N, R-12-W, Sec. 14

San Juan County, New Mexico

Well History

01/1980 - Spud in

04/1980 - Complete DK

11/2010 - SL - tag fluid @ 5997'; retrieve plunger;
unable to retrieve plunger stop; IB tag fill in tbg @ 6250';
pull sample - sand; well produces up casing

05/2013 - Tag fill in tbg @ 6250'; Perf tubing 6230 - 6245'
set plunger stop @ 6201'

Formation Tops (ft)

Ojo Alamo	105
Kirtland	280
Fruitland	1303
PC	1580
Lewis Shale	1685
Mesaverde	3160
Mancos Shale	4322
Gallup	5222
Mancos Shale	5698
Greenhorn	6012
Graneros	6054
Dakota	6096

DV tool @ 4435'

Plunger Stop @ 6201' (KB)

Fill @ 6250' (KB)

Plunger Stop stuck in tubing

EOT @ 6271'

GL 5702'

KB 5715'

Surface Casing Data

12 1/4" hole

8 5/8", 24#, K55 @ 298'

Cmt w/ 315 sx (class B)

TOC @ surface (circ 20 sxs)

Tubing Details (4/1980)

Tubing 2 3/4", 4.7#, J55 @ 6271'

Tubing Perforations

6230 - 6245' (KB) (6 spf)

Dakota Perforations

6094 - 6108'

6161 - 6202'

6214 - 6222'

6253 - 6257'

frac w/ 338K # 20/40 sand &
146K gal fluid

Production Casing Data

7 7/8" hole

4 1/2", 11.6#, K55 @ 6376'

Stage 1 - 440 sx Class B

Stage 2 - 885 sx Class B

TOC @ surface (circ)

PBTD 6332'

TD 6377'

GL 5702'
KB 5715'

Surface Casing Data

12 1/4" hole
8 5/8", 24#, K55 @ 298'
Cmt w/ 315 sx (class B)
TOC @ surface (circ 20 sxs)

Well History

01/1980 - Spud in
04/1980 - Complete DK
11/2010 - SL - tag fluid @ 5997'; retrieve plunger;
unable to retrieve plunger stop; IB tag fill in tbq @ 6250;
pull sample - sand; well produces up casing
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set plunger stop @6201'

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DV tool @ 4435'

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6230 - 6245' (KB) (6 spf)

Plunger Stop @ 6201' (KB)

Fill @ 6250' (KB)

Plunger Stop stuck in tubing

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Stage 1 - 440 sx Class B
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TOC @ surface (circ)

PBTD 6332'
TD 6377'

Final WBD



Gallegos Canyon Unit 207E

Dakota

API # 30-045-23897

T-28N, R-12-W, Sec. 14

San Juan County, New Mexico

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GL 5702'

KB 5715'

Surface Casing Data

12 1/4" hole

8 5/8", 24#, K55 @ 298'

Cmt w/ 315 sx (class B)

TOC @ surface (circ 20 sxs)

Tubing 2 3/8", 4.7#, J55 @ 6310' ±

DV tool @ 4435'

Proposed Mancos Perfs

5640 - 5660'

EOT @ 6310' ±

Dakota Perforations

6094 - 6108'

6161 - 6202'

6214 - 6222'

6253 - 6257'

frac w/ 338K # 20/40 sand &
146K gal fluid

Production Casing Data

7 7/8" hole

4 1/2", 11.6#, K55 @ 6376'

Stage 1 - 440 sx Class B

Stage 2 - 885 sx Class B

TOC @ surface (circ)

PBTD 6372' ±

TD 6377'