

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 July 18, 2013

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

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. 30-045-24428
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		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 501 Westlake Park Blvd. Houston, TX 77079		7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
4. Well Location Unit Letter <u>A</u> : <u>600</u> feet from the <u>North</u> line and <u>515</u> feet from the <u>East</u> line Section <u>33</u> Township <u>28N</u> Range <u>12W</u> NMPM County <u>San Juan</u>		8. Well Number 185E
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5731'		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: Recompletion <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 rate in the Mancos, then remove the CIBP & downhole commingle production with the existing Basin Dakota.

The Dakota (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.

DHC 3862 AZ

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.

** Obtain NSL for Mancos prior to producing 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 Federal lease NMSF078903B

Spud Date: 08/02/1980

Rig Release Date:

OIL CONS. DIV DIST. 3
MAR 17 2014

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 03/12/2014

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

For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE March 21, 2014

Conditions of Approval (if any):



<p>GCU 185E DK Dakota API # 30-045-24428 Sec. 33, T28N, R12W San Juan County, New Mexico</p>

Reason/Background for Job

The proposed work is to re-complete the GCU 185E to Basin Mancos (Gallup). The Dakota will be isolated and Mancos (Gallup) will be produced by itself for approx. 6 months. After 6 months, drill out CIBP to open the Dakota and commingle production.

1. Pull tubing
2. Set bridge plug to isolate DK
3. MIT wellbore
8. Run CBL
9. Recomplete Mancos (Gallup) 5384 – 5399' ±
10. Produce Mancos (Gallup) for approx. 6 months
11. Drill out bridge plug. Clean out to PBTD; Drill out PBTD to 6180' ± (if possible)
12. Produce well – DH commingle

Current WBD



GCU 185E DK

Dakota

API # 30-045-24428

Sec. 33, T28N, R12W

San Juan County, New Mexico

History

08/1980 - Spud in

08/1980 - Complete DK

10/2009 - WS - tag fill @ 6117'; POH tbg & L/D

set RBP @ 830'; press test to 500 psi - OK

service WH & press test to 1500 psi - OK

retrie RBP; c/o; run prod tbg to 6080'

no H2S detected

11/2010 - replace master & csg valves

04/2011 - WS - no H2S detected; tag @ 6134' - no fill;

scraper run; RIH w/ prod tbg @ 6075';

test WH seals to 1500 psi - OK; swab

GL 5731'

KB 5744'

12 1/4" hole

8 5/8", 24#, K55 ST&C @ 307'

Cmt w/ 300 sxs class B w/ 2% CaCl2

TOC @ surface (circ)

Tubing details

Length (ft)

Pup Jt 2 3/8", 4.7#, J55, MS	3
F nipple 2 3/8" / 1.78"	1
Pup Jt 2 3/8", 4.7#, J55	4
X Nipple 2 3/8" / 1 1/8"	1
Tbg 2 3/8", 4.7#, J55, 189 jts	6058

DV tool @ 4289'

X Nipple @ 6065'

F Nipple @ 6070'

EOT @ 6075'

Formation Tops (ft)

Fruitland	1150
Pictured Cliffs	1430
Mesa Verde	2970
Gallup	5040
Dakota	5965

Dakota Perforations

6020 - 6084' @ 2 spf

frac w/ 129K gal & 330K # 20/40

7 7/8" hole

4 1/2", 10.50 #, K55 ST&C @ 6186"

stage 1 - 420 sxs class B w/ 50:50 POZ

w/ 6% gel, 2# medium tuf plug per sx & 0.8%

fluid loss additive

stage 2 - 820 sxs class B w/ 65:35 POZ

6% gel, 2# medium tuf plug per sx & 0.8%

fluid loss additive; tail with 100 sx class B neat

TOC @ surface (circ)

PBTD 6134'

TD 6186'

Proposed WBD – Mancos (Gallup) production



GCU 185E DK
Dakota
API # 30-045-24428
Sec. 33, T28N, R12W
San Juan County, New Mexico

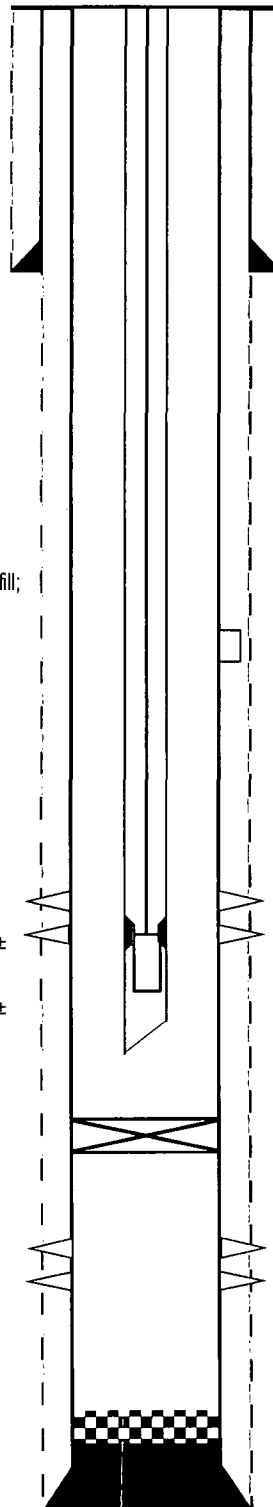
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GL 5731'
KB 5744'



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8 5/8", 24#, K55 ST&C @ 307'
Cmt w/ 300 sxs class B w/ 2% CaCl2
TOC @ surface (circ)

Tubing details

Tbg 2 3/8", 4.7#, J55, MS
F nipple 2 3/8" / 1.78"
Tbg 2 3/8", 4.7#, J55

DV tool @ 4289'

Proposed Mancos Perfs

5384 - 5399'

CIBP @ 5980' ±

Dakota Perforations

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fluid loss additive
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6% gel, 2# medium tuf plug per sx & 0.8%
fluid loss additive; tail with 100 sx class B neat
TOC @ surface (circ)

PBTD 6134'
TD 6186'

Proposed WBD – Mancos (Gallup) & Dakota production (a capillary string might be installed)



GCU 185E DK
Dakota
API # 30-045-24428
Sec. 33, T28N, R12W
San Juan County, New Mexico

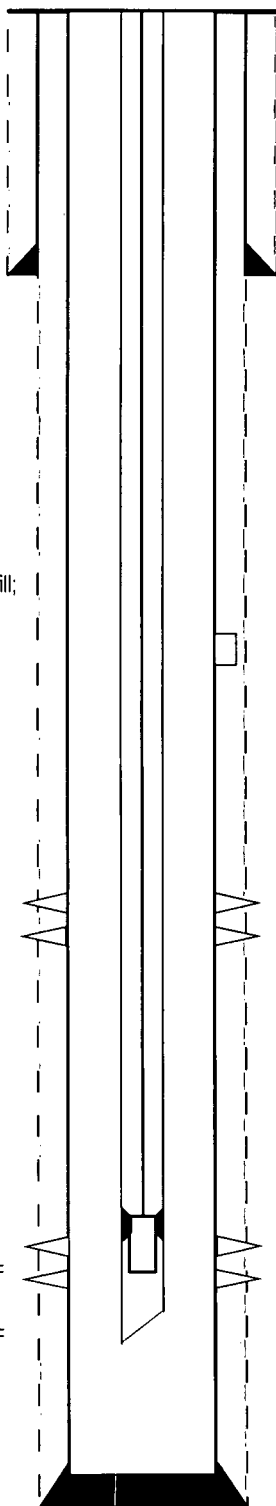
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fluid loss additive
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6% gel, 2# medium tuf plug per sx & 0.8%
fluid loss additive; tail with 100 sx class B neat
TOC @ surface (circ)

PBTD 6180'
TD 6186'

F Nipple @ 6124' ±

EOT @ 6156' ±

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 30-045-24428	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 185E
		⁹ Elevation 5731

¹⁰ Surface Location

UL or lot no. A	Section 33	Township 28N	Range 12W	Lot Idn	Feet from the 600	North/South line North	Feet from the 515	East/West line East	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				

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.	
	Signature <u>Toya Colvin</u> Date <u>3/12/2014</u> 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	