

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	WELL API NO. 30-045-06935
2. Name of Operator BP America Production Company	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator P.O. Box 3092 Houston, TX 77253-3092	6. State Oil & Gas Lease No. Federal CA 92000844
4. Well Location Unit Letter <u>D</u> : <u>850'</u> feet from the <u>North</u> line and <u>920'</u> feet from the <u>West</u> line Section <u>5</u> Township <u>27N</u> Range <u>12W</u> NMPM County <u>San Juan</u>	7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
	8. Well Number 194
	9. OGRID Number 000778
	10. Pool name or Wildcat Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5598 GL	

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 MAY 1 '13**
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 & downhole commingle production with the existing Basin Dakota.

The DK (71599) & the Basin Mancos (97232) pools are pre-approved for DHC per NMOCDC 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 fee lease, CA #92000844

Spud Date: 10/10/1965 Rig Release Date: DHC 3833 AZ

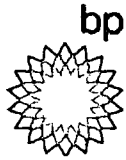
* Prior to PER's provide COL to OGD for review

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 04/29/13

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

APPROVED BY: Will F. Hays TITLE Deputy Oil & Gas Inspector, District #3 DATE MAY 03 2013
Conditions of Approval (if any): RV



GCU 194-DK

DAKOTA

API #: 3004506935

Sec 5 - T27N - R12W

San Juan County, NM

Reason/Background for Job

The proposed work is to re-complete the GCU 194 to Gallup Cha Cha SW trend in the Mancos formation. The proposed work is to isolate the Dakota, perf and frac the Gallup with approx 100,000# of sand in a 70Q foam. Then clean out, re-open the Dakota and set well back on production.

1. Retrieve plunger and stop
2. Set barriers
3. MIRU service rig
4. NU BOP
5. Pull tubing
6. Run bit & scraper; Cleanout
7. Set composite bridge plug to isolate DK
8. MIT wellbore to 2000 psi (expected reservoir pressure 1800 psi)
8. Run logs (CBL & PND)
9. Change out wellhead
10. Perforate Gallup
11. RIH frac string and set packer (if casing MIT indicates issues)
12. Press test frac string and packer
13. Set up frac stack and pressure test
14. RDMO
15. Frac Gallup - 70Q N2 foam and ~100K#s of sand
16. Flowback
17. Install facilities
18. MIRU Service Unit
19. Drill out composite plug; Clean out to PBTD
20. Run production tubing and land @ ~ 5850'
21. Run Pump and rods & produce well (DH commingle)

Current WBD



GCU 194-DK
DAKOTA
API #: 3004506935
Sec 5 - T27N - R12W
San Juan County, NM

Well History

10/10/65: Spud date

10/31/65: Completion date

4/6/09: Tested Bradenhead.

Tubing Press = 250 psi

Casing Press = 250 psi

Bradenhead Press = 1 psi

Bradenhead pressure blew down to 0 psi.

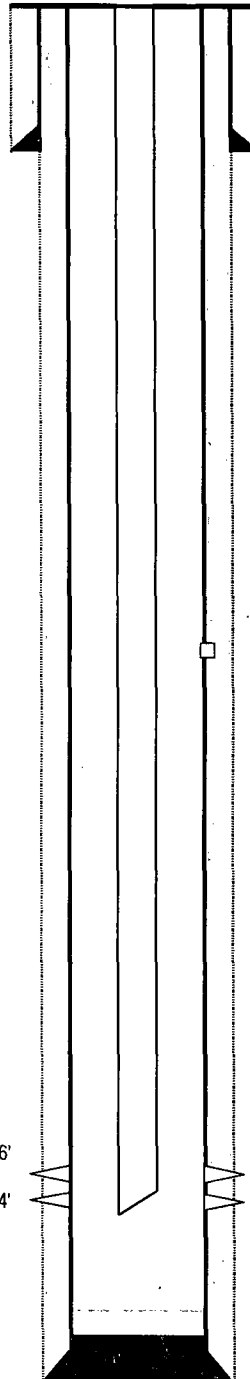
Formation Tops (ft)	
Pictured Cliffs	1147
Lewis Shale	1336
Mesaverde	2945
Mancos	3945
Gallup	4780
Base Gallup	5155
Greenhorn	5623
Graneros Shal	5690
Graneros Dak	5745
Main Dakota	5793

Deviation Data	
Depth (ft)	Dev (deg)
364	0.5
764	0.5
1560	0.75
1843	1
1986	0.75
2400	1
2502	1
2980	0.75
3380	0.75
3746	1.5
4218	1.25
4740	1.25
5186	0.75
5910	0.5

Baker PST Model B nipple @ 5736'

EOT @ 5774'

GL 5591'
KB 12'



PBTD 5880'
TD 5915'

Surface Casing Data

12 1/4" hole

8 5/8", 24#, J55 ST&C csg @ 365'

250 sxs Type C cmt

TOC not reported

Est @ surface (based on volumetric calc)

Tubing Details

2 3/8" tubing @ 5774'

orange peel on bottom
with perforated joint above,
then B nipple.

DV Tool @ 4057'

Perforation Data

5750 - 5767'

- frac w/ 25K # 20/40 & 5K # 10/20 sand

5798 - 5822'

- frac w/ 500 gals 7% acid, 40K # 20/40 & 10K # 10/20 sand

Production Casing Data

7 1/8" hole

5 1/2" 15.5#, J 55, ST&C (0 - 99') & (4478 - 5915')

5 1/2" 15.5#, J 55, ST&C (99 - 4478')

1st stage cmt: 400 sx

2nd stage cmt: 800 sx

TOC not reported

Est @ surface (based on volumetric calc)

Final WBD



GCU 194-BK
DAKOTA
 API #: 3004506935
 Sec 5 - T27N - R12W
 San Juan County, NM

Well History

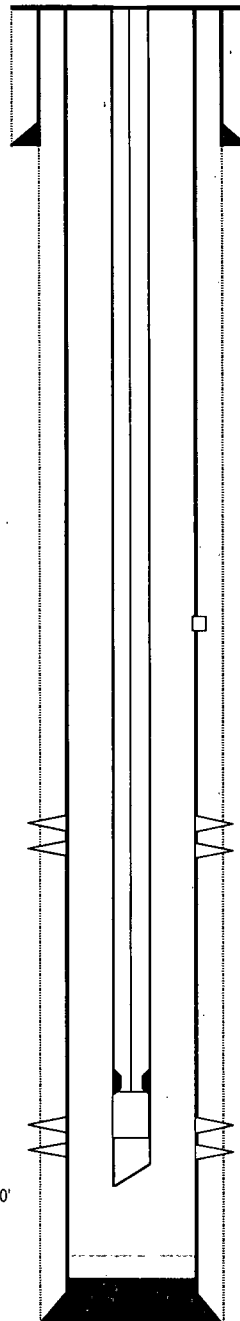
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Formation Tops (ft)	
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4218	1.25
4740	1.25
5186	0.75
5910	0.5

GL 5591'
 KB 12'



EOT @ ± 5850'

PBD 5880'
 TD 5915'

Surface Casing Data

12 1/4" hole
 8 3/4", 24#, J55 ST&C csg @ 365'
 250 sxs Type C cmt
 TOC not reported
 Est @ surface (based on volumetric calc)

F Nipple 2 3/4" / 1.78" ID
 Tubing 2 3/4", 4.7#, J55

Rod Details

Pump 2" x 1 1/2" x 12' RHAC
 Pony Rod(s) 3/4"
 Sinker bar 1 1/2" x 125' (±)
 Rods 3/4" Global AD 79 (ponys for space out)
 Polished rod 1 1/2"

DV Tool @ 4057'

Proposed Perfs

5138 - 5152'
 5190 - 5210'

Perforation Data

5750-5767
 5798 - 5822'
 5798-5822

Frac'd w/ 500 gals 7% acid, 40,000# 20/40 sand, 10,000# 10/20 sand

Production Casing Data

7 1/4" hole
 5 1/2" 15.5#, J 55, ST&C (0 - 99') & (4478 - 5915')
 5 1/2" 15.5#, J 55, ST&C (99 - 4478')
 1st stage cmt: 400 sx
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 Est @ surface (based on volumetric calc)

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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 30-045-24863	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 194
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5591

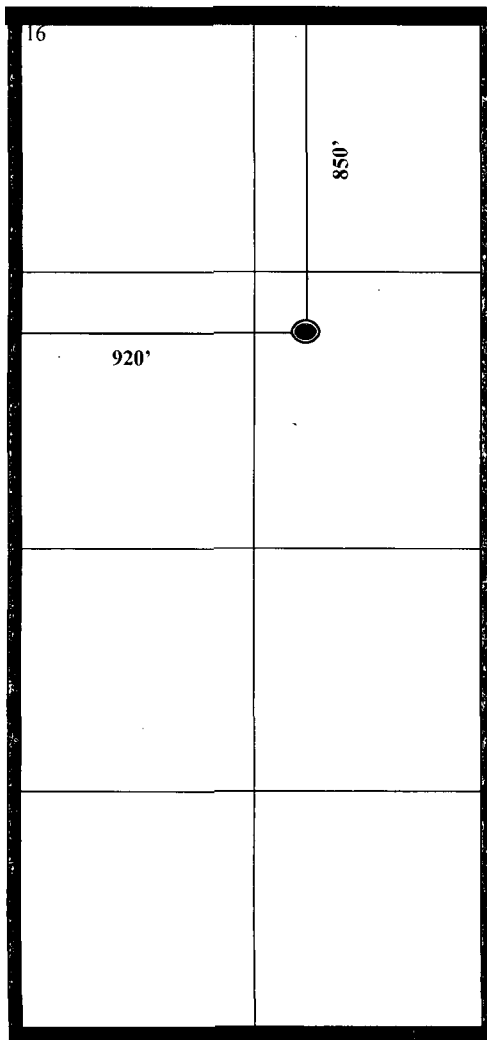
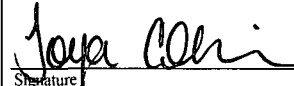
¹⁰ Surface Location

UL or lot no. D	Section 5	Township 27N	Range 12W	Lot Idn	Feet from the 850	North/South line North	Feet from the 920	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
								RCVD MAY 1 '13	
¹² Dedicated Acres 319.94	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>  4/30/13 Signature Date Tova Colvin Printed Name Tova.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	