

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. 30-045-24250
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 501 Westlake Park Blvd. Houston, TX 77079		7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
4. Well Location Unit Letter <u>N</u> : <u>960</u> feet from the <u>South</u> line and <u>1530</u> feet from the <u>West</u> line Section <u>25</u> Township <u>29N</u> Range <u>13W</u> NMPM County <u>San Juan</u>		8. Well Number 172E
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5669'		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 ☒
CLOSED-LOOP SYSTEM ☒
OTHER: **Recompletion** ☒

SUBSEQUENT REPORT OF:

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

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

The Basin Dakota (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 Dakota 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.

DHC 3887 A2

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 NMSF078926

Spud Date: 04/21/1980

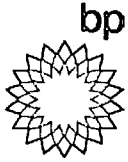
Rig Release Date:

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 05/12/2014

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

APPROVED BY: W. H. Brown TITLE GEOLOGIST DISTRICT #3 DATE 5/20/14



<p>GCU 172E Dakota API # 30-045-24250 T-29N, R-13-W, Sec. 25 San Juan County, New Mexico</p>

Reason/Background for Job

The proposed work is to re-complete the GCU 172E 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) 5619 – 5628' ±
10. Produce Mancos (Gallup) for approx. 6 months
11. Drill out bridge plug. Clean out to PBTD; Drill out PBTD to 6354' ± (if possible)
12. Produce well – DH commingle

Current WBD



GCU 172E

Dakota

API # 30-045-24250

T-29N, R-13-W, Sec. 25

San Juan County, New Mexico

History

04/1980 - Spud in

12/1980 - Complete DK

03/2008 - SL- retrieve stuck plunger @ 6260'

could not retrieve plunger stop - fishing neck broken

set float spring and plunger above old stop

06/2010 - Retrieve stuck plunger; IB tag @ 6220'

magnetic tool retrieve dog off plunger catcher;

IB tag @ 6220' - damage stem off bottom stop

01/2011 - POH float spring; attempt to POH stop - stuck

RIH w/ magnet - metal flakes; IB - looked like 1/2" pin

fish out top of a floating spring

01/2012 - Changeout 2 1/16" tubing valve.

Formation Tops

Mesaverde

Gallup 5195

Greenhorn 5970

Dakota 6070

GL 5669'

KB 5680'

12 1/4" hole

8 5/8", 24#, K55 @ 301'

Cmt w/ 315 sxs cement

TOC @ surface (circ)

DV tool @ 4468'

2 3/8" Tubing landed @ 6235'

Dakota Perforations

6072 - 6094'

6100 - 6106'

6158 - 6216'

frac w/ 137K gals & 349K # 20/40

7 7/8" hole

4 1/2", 10.5# K55 @ 6359'

Stage 1 - 620 sx Class B

Stage 2 - 1100 sx Class B

Circ to surface in both stages

PBTD 6315'

TD 6359'

Proposed WBD – Mancos (Gallup) production



GCU 172E

Dakota

API # 30-045-24250

T-29N, R-13-W, Sec. 25

San Juan County, New Mexico

History

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01/2011 - POH float spring; attempt to POH stop - stuck

RIH w/ magnet - metal flakes; IB - looked like 1/2" pin

fish out top of a floating spring

01/2012 - Changeout 2 1/16" tubing valve.

GL 5669'

KB 5680'

12 1/4" hole

8 5/8", 24#, K55 @ 301'

Cmt w/ 315 sxs cement

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 @ 4468'

Proposed Mancos Perfs

5619 - 5628'

Dakota Perforations

6072 - 6094'

6100 - 6106'

6158 - 6216'

frac w/ 137K gals & 349K # 20/40

7 7/8" hole

4 1/2", 10.5# K55@ 6359'

Stage 1 - 620 sx Class B

Stage 2 - 1100 sx Class B

Circ to surface in both stages

F Nipple @ 5657' ±
EOT @ 5688' ±

TOS @ 6020' ±
CIBP @ 6040' ±

Formation Tops

Mesaverde

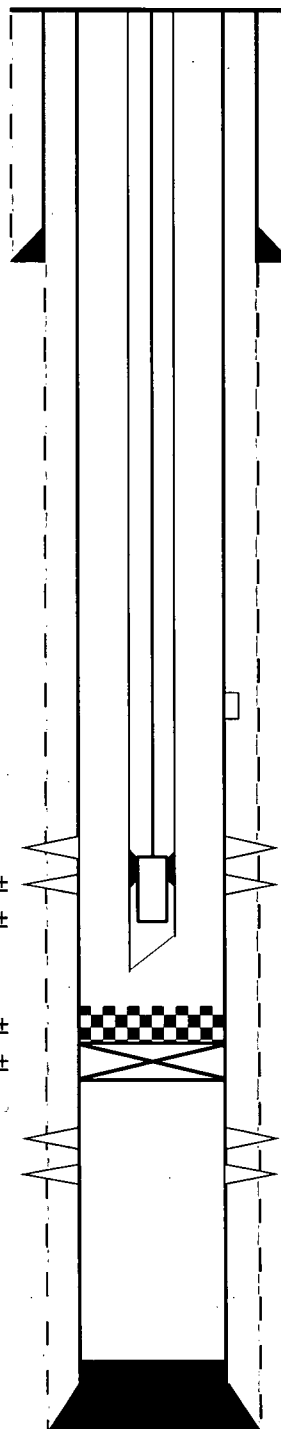
Gallup 5195

Greenhorn 5970

Dakota 6070

PBTD 6315'

TD 6359'



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



GCU 172E
Dakota
API # 30-045-24250
T-29N, R-13-W, Sec. 25
San Juan County, New Mexico

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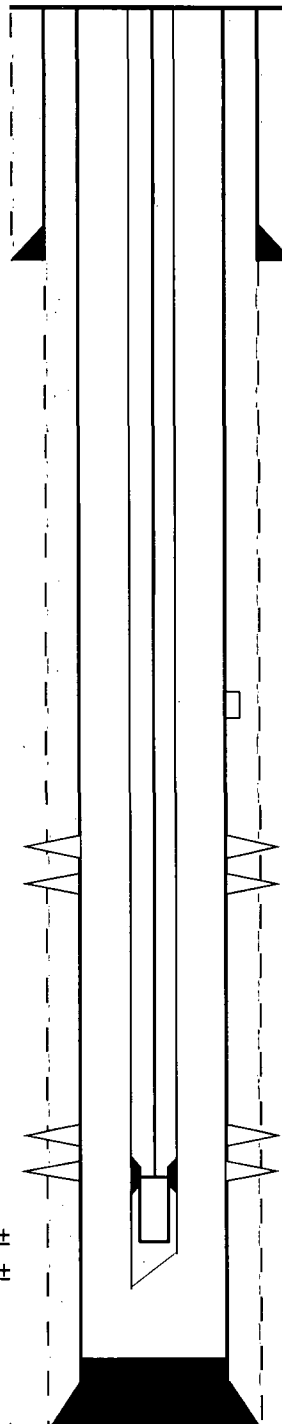
Formation Tops

Mesaverde

Gallup	5195
Greenhorn	5970
Dakota	6070

F Nipple @ 6235' ±
EOT @ 6266' ±

GL 5669'
KB 5680'



PBTD 6354'
TD 6359'

12 1/4" hole
8 5/8", 24#, K55 @ 301'
Cmt w/ 315 sxs cement
TOC @ surface (circ)

Tubing details

Tbg 2 3/8", 4.7#, J55, MS
F nipple 2 5/8" / 1.78"
Tbg 2 3/8", 4.7#, J55

DV tool @ 4468'

Proposed Mancos Perfs

5619 - 5628'

Dakota Perforations

6072 - 6094'
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6158 - 6216'
frac w/ 137K gals & 349K # 20/40

7 7/8" hole
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Stage 1 - 620 sx Class B
Stage 2 - 1100 sx Class B
Circ to surface in both stages

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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 30-045-24250	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 172E
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5669

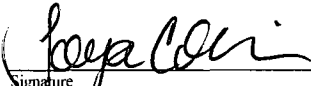
¹⁰ Surface Location

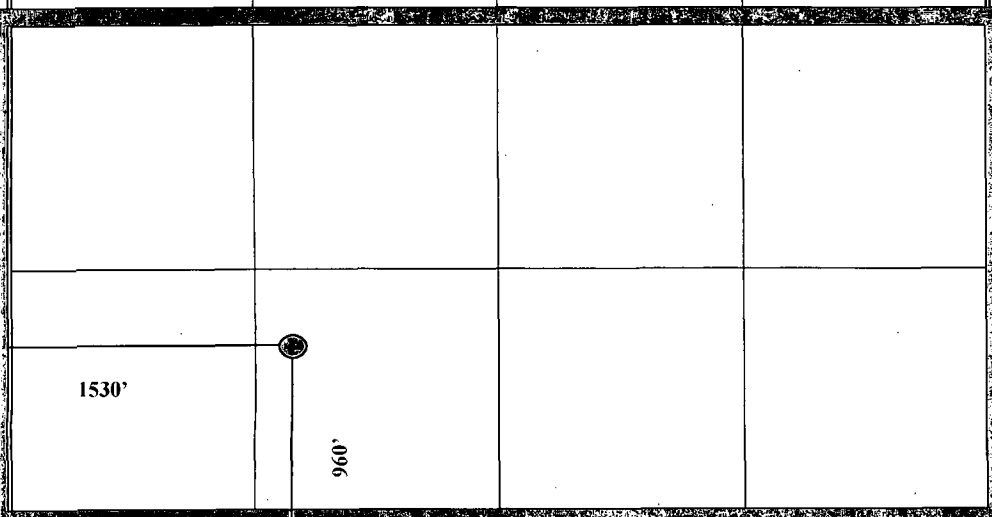
UL or lot no. N	Section 25	Township 29N	Range 13W	Lot Idn	Feet from the 960	North/South line South	Feet from the 1530	East/West line West	County San Juan
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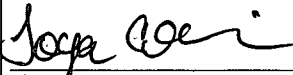

¹¹ Bottom Hole Location If Different From Surface

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						

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>  5/12/14 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



16			<div style="text-align: center;">17 OPERATOR CERTIFICATION</div> <p><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></p> <div style="display: flex; justify-content: space-between;"><div style="flex-grow: 1;"></div><div style="text-align: right;">5/12/14</div></div> <div style="display: flex; justify-content: space-between;"><div style="flex-grow: 1; border-bottom: 1px solid black;">Signature</div><div style="border-bottom: 1px solid black;">Date</div></div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Tova Colvin Printed Name</div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Tova.Colvin@bp.com E-mail Address</div>
1530'	 <div style="writing-mode: vertical-rl; transform: rotate(180deg);">960'</div>		<div style="text-align: center;">18 SURVEYOR CERTIFICATION</div> <p><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></p> <div style="border-bottom: 1px solid black; margin-top: 10px;">Date of Survey</div> <div style="border-bottom: 1px solid black; margin-top: 10px;">Signature and Seal of Professional Surveyor:</div> <div style="text-align: center; margin-top: 20px;">Previously Filed</div> <div style="border-bottom: 1px solid black; margin-top: 10px;">Certificate Number</div>