

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, 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 and Natural Resources

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

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-045-28759
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 Attn: Cherry Hlava		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, Tx 77253		7. Lease Name or Unit Agreement Name: <b>Gallegos Canyon Unit (Federal Well SF-078905 also filed on BLM form 3160-5)</b>
4. Well Location Unit <u>Letter M</u> <u>995'</u> feet from the <u>West</u> line and <u>1010'</u> feet from the <u>South</u> line Section <u>12</u> Township <u>28N</u> Range <u>12W</u> NMPM <u>San Juan</u> County		8. Well No. <b>412</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5487' GR</b>		9. Pool name or Wildcat Basin Fruitland Coal & West Kutz PC

11. 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 COMPLETION ☐  
OTHER: **Complete PC & DHC with Fruitland Coal** ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company requests permission to complete the Kutz Picture Cliffs, West pool and commingle production down hole with the existing Basin Fruitland Coal pool as per the attached procedure. The Basin Fruitland Coal (71629) & Kutz Picture Cliffs, West (79680) pools are Pre-Approved for Down hole Commingling per NMOCDCASE 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 the down hole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to down hole commingling approval. Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Basin Fruitland Coal. That production shall 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 West Kutz Picture Cliffs. Attached is the future production decline estimates for the Basin Fruitland Coal. Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

AHC 720 AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 03/21/02

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)

APPROVED BY Original Signatures TITLE STATE ENGINEER DATE MAR 21 2002

Conditions of approval, if any:

**District I**

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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-102  
Revised August 15, 2000Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-28759</b>		<sup>2</sup> Pool Code <b>79680</b>		<sup>3</sup> Pool Name <b>Kutz Pictured Cliffs</b>	
<sup>4</sup> Property Code <b>00570</b>		<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>			<sup>6</sup> Well Number <b>412</b>
<sup>7</sup> OGRID No. <b>000778</b>		<sup>8</sup> Operator Name <b>BP America Production Company</b>			<sup>9</sup> Elevation <b>5487' GL</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West South	County
<b>Unit M</b>	<b>12</b>	<b>28N</b>	<b>12W</b>		<b>1010'</b>	<b>South</b>	<b>995'</b>	<b>West</b>	<b>San Juan</b>

<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres <b>135.20</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cherry Hlava Printed Name Regulatory Analyst Title 03/21/2002 Date			
	<sup>18</sup> 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: Plat on file Certificate Number			

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Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

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State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-28759</b>	<sup>2</sup> Pool Code <b>71629</b>	<sup>3</sup> Pool Name <b>Basin Fruitland Coal</b>
<sup>4</sup> Property Code <b>00570</b>	<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>	<sup>6</sup> Well Number <b>412</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>5487' GL</b>

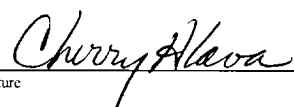
<sup>10</sup> Surface Location

UL or lot no. <b>Unit M</b>	Section <b>12</b>	Township <b>28N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>1010'</b>	North/South line <b>South</b>	Feet from the <b>995'</b>	East/West South <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>270.40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature <b>Cherry Hlava</b> Printed Name <b>Regulatory Analyst</b> Tit21 <b>03/21/2002</b> Date
				<sup>18</sup> 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:  <b>Plat on file</b> Certificate Number

995'

1010'

GCU 412  
Basin Fruitland Coal  
San Juan County, NM  
API 30-045-28759  
Unit M Sec 12 T28N-R12W

March 14, 2002

Reason for work:

Recomplete to the Pictured Cliffs and down hole commingle with the existing Fruitland Coal.

Procedure:

1. MIRU SU. POOH with rods x pump.
2. ND tree, NU BOP. POOH with 2-3/8" tbg.
3. RIH with mill, drill collars, and float valve. C/O to 1456' PSTD. Circulating with air. D/O cmt to 1530' for additional rat hole.

Note: Clean out of cmt was stopped at 1456' during initial completion. Blade bit appeared to have been spinning on wiper plug. Float collar is set at 1534'.

4. Make bit x scraper run.
5. RIH with RBP. Set at +/- 1350'. Load casing with KCl water and test to 2500 psi.
6. POOH with RBP.
7. RU Schlumberger. Log GR-CCL strip from 1500' - 1200'. Tie into Schlumberger Dual Induction SFL log dated 10/19/92.
8. Perforate the Pictured Cliffs from 1422' - 1460' at 4 SPF, 90 degree phasing, DP charges.
9. Move in clean frac tank. Fill with volume of clean 2% KCl water per Schlumberger procedure (\_\_\_ bbls).
10. RU wellhead isolation tool.
11. Frac down 4-1/2" csg according to attached Pumping Schedule with 500 gal HF acid spearhead, \_\_\_\_\_ gallons 70 quality nitrogen foam and \_\_\_\_\_ lbs 16/30 sand. Tail in with PropNet on last \_\_\_\_\_ lbs.
12. Flow back immediately after frac equipment is off the well. Estimate flowrate using choke nipple, using a 100 psi gauge.

Flow until well logs off or fluid recovery falls off to less than 2 bbls fluid per hour.

13. RIH with bit. RU air package and clean out to PBTD of 1456'.
14. PU 60' above perms. Flow well 30 minutes. RIH to PBTD, cleaning out again if necessary. Repeat until sand feed-in stabilizes.
15. RIH with following tbg string:
  - a. 15' cut off jt with vent hole at top.
  - b. SN
  - c. 2-3/8" tbgLand tbg at 1500'.
16. ND BOP, NU WH. RIH with rods and re-dressed pump. Load tbg with water and test to 500 psi.
17. Check pump action. RDMO.

Allen Kutch

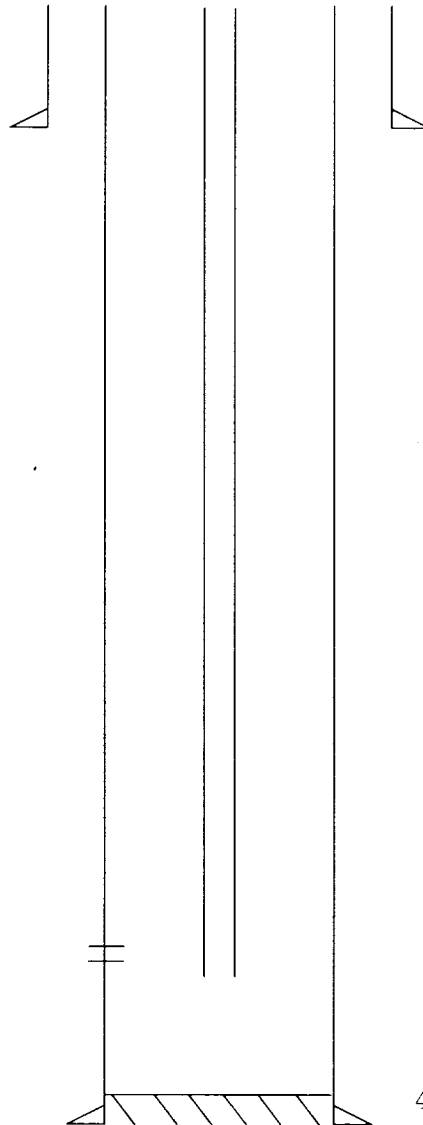
281-366-7955 office  
281-366-0700 fax  
888-788-6522 pager  
979-865-0140 home

GCU 412  
San Juan County, NM  
Unit M Section 12 of R28W - T12N  
Run 23

3/14/02

ATK

KB: 15' abv GL



7" 20# J55 @ 144'  
w/ 100 sxs  
6 bbls good cmt to sfc

Rod detail:

56 3/4" rods  
2" x 1-1/4" pump

Tbg detail:

1 jt 2-3/8"  
10' pup  
8' pup  
44 jts 2-3/8"  
1.78" SN @ 1418'  
15' muleshoe jt

EOT @ 1435'

FC perfs:

1403' - 1415'  
(4 SPF, 0.38" hole)

4-1/2" 10.5# K55 @ 1554'  
w/ 240 sxs  
12 bbls good cmt to sfc

PBTD: 1456'  
TD: 1560'

**30-045-28759**

DAY GAS VOL

**GCU 412 Fruitland Coal Forecast**

**Date (Mcf)**

4/1/2002	47
5/1/2002	46
6/1/2002	45
7/1/2002	44
8/1/2002	43
9/1/2002	42
10/1/2002	42
11/1/2002	41
12/1/2002	40
1/1/2003	39
2/1/2003	39
3/1/2003	38
4/1/2003	37
5/1/2003	36
6/1/2003	36
7/1/2003	35
8/1/2003	34
9/1/2003	34
10/1/2003	33
11/1/2003	33
12/1/2003	32
1/1/2004	31
2/1/2004	31
3/1/2004	30
4/1/2004	30
5/1/2004	29
6/1/2004	29
7/1/2004	28
8/1/2004	27
9/1/2004	27
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4/1/2005	24
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6/1/2005	23
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9/1/2005	22
10/1/2005	21
11/1/2005	21
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1/1/2006	20
2/1/2006	20
3/1/2006	19
4/1/2006	19