

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF 078905
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700	8. Well Name and No. GALLEGOS CANYON UNIT 412
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T28N R12W SWSW 1010FSL 995FWL		9. API Well No. 30-045-28759
		10. Field and Pool, or Exploratory BASIN FC & KUTZ PC, WEST
		11. County or Parish, and State SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Subsurface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BP America Production Company requests permission to recompleate into the Kutz Picture Cliffs, West pool and commingle production downhole with the existing Basin Fruitland Coal as per the attached procedure.

The Basin Fruitland Coal (71629) & Kutz Picture Cliffs, West(79680) Pools are Pre-Approved for Downhole Commingling 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 the downhole 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 downhole 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

14. I hereby certify that the foregoing is true and correct. Electronic Submission #10851 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington	
Name (Printed/Typed) CHERRY HLAVA <i>Cherry Hlava</i>	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/21/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title <i>Petr. Eng.</i>	Date <i>4/2/02</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>BLM-FFO</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Additional data for EC transaction #10851 that would not fit on the form

32. Additional remarks, continued

production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Kutz Picture Cliffs, West. 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.

1625 N. French Dr., Hobbs, NM 88240

811 South First, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

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

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 135.20	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

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				<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u>Cherry Hlava</u></p> <p>Signature</p>
				<p><u>Cherry Hlava</u></p> <p>Printed Name</p> <p><u>Regulatory Analyst</u></p> <p>Tit21</p> <p><u>03/21/2002</u></p> <p>Date</p>
<p>995'</p> <p>1010'</p>				<p>18 SURVEYOR CERTIFICATION</p> <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> <p><u>6-15-02</u></p> <p>Date of Survey <u>William E. Mahnke II</u></p> <p>Signature and Seal of Professional Surveyor:</p> <p><u>Plat on file</u></p> <p>Certificate Number <u>8466</u></p>

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
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Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

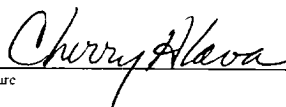
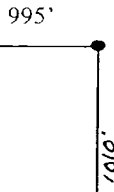
UL or lot no. Unit M	Section 12	Township 28N	Range 12W	Lot Idn	Feet from the 1010'	North/South line South	Feet from the 995'	East/West South West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 270.40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.</i>  Signature Cherry Hlava Printed Name Regulatory Analyst Tit21 03/21/2002 Date
				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> 6-15-92 Date of Survey William E. Mahnte II Signature and Seal of Professional Surveyor: Plat on file 8466 Certificate Number

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' PBTD. 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 perfs. 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

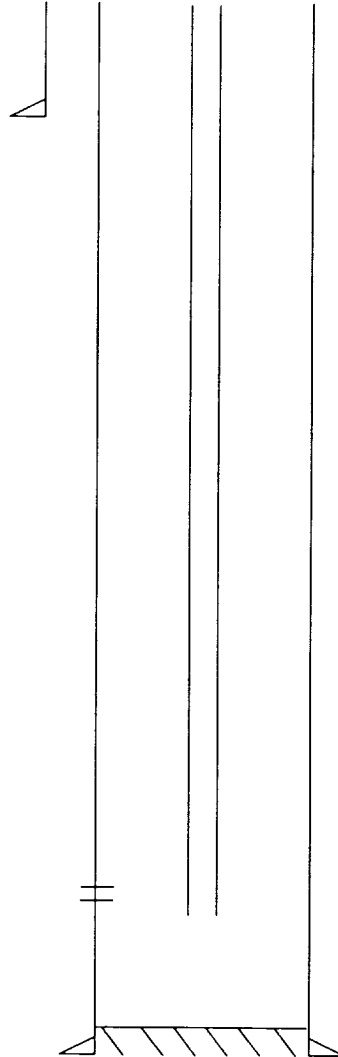
281-366-7955 office
281-366-0700 fax
888-788-6522 pager
979-865-0140 home

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
Date (Mcf)

GCU 412 Fruitland Coal Forecast

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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11/1/2004	26
12/1/2004	25
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7/1/2005	22
8/1/2005	22
9/1/2005	22
10/1/2005	21
11/1/2005	21
12/1/2005	20
1/1/2006	20
2/1/2006	20
3/1/2006	19
4/1/2006	19