

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		8. Well Name and No. FLORANCE 117E
2. Name of Operator BP AMERICA PRODUCTION CO		9. API Well No. 30-045-24850-00-D1
3a. Address P. O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	10. Field and Pool, or Exploratory BASIN FRUITLAND COAL OTERO CHACRA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T29N R9W SENE 1780FNL 0990FEL 36.68459 N Lat, 107.74573 W Lon		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<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 recompleat 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 recompleat 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 request permission to convert the subject well from a dual string to a single string and commingle production downhole from the Basin Fruitland Coal & Otero Chacra Pools as per the attached procedure.

The Basin Fruitland Coal(71629) & the Otero Chacra(82329) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no further notification of this application is required.

Production is proposed to be allocated based on actual production from both the Fruitland Coal and Chacra Pools as reflected on the attached allocation chart.

*PLEASE SUBMIT A DHC APPLICATION (107A) BASIN FC & OTERO CHACRA INTERVALS ARE NOT INCLUDED IN THE APPROVED POOL LISTING*

14. Thereby certify that the foregoing is true and correct.	
Electronic Submission #18103 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Matthew Halbert on 02/05/2003 (03MXH0453SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 01/30/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>/s/ Jim Lovato</i>	Title	Date <i>APR 22 2003</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	

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for EC transaction #18103 that would not fit on the form**

**32, Additional remarks, continued**

Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

## Florance #117E Commingle Procedure

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### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. TOH and LD 1-1/4" short string production tubing currently set at 1894'.  
TOH with 2-3/8" production tubing currently set at 3098'.
6. Mill slip elements on 4-1/2" Model 'D' packer set at 2825' and retrieve packer with packer plucker.
7. Tag for fill and, if necessary, cleanout fill to top of cement plugback at 3341'.
8. RIH with 7" casing scraper. Work casing scraper across Fruitland Coal perforations from 1892' – 2078'. TOH.
9. RIH with 4-1/2" casing scraper. Work casing scraper across Chacra perforations from 3063' – 3201'. TOH.
10. Rabbit tubing and RIH with 2-3/8" production tubing.
11. Land 2-3/8" production tubing at 3150'.
12. ND BOP's. NU WH. Test well for air. Return well to production and downhole commingle Fruitland Coal and Chacra production.

ALLOCATION BASED ON ACTUAL PRODUCTION FOR 2002				
POOL	GAS	%	OIL	%
FRUITLAND COAL	23936	75%	0	0%
CHACRA	8103	25%	2	100%

# Florance #117E

Sec 35, T29N R9W

API #: 30-045-24850

5665' GL

## History:

Dual DK/CHK completion in 1981

DK plugged in 1992

Recompleted to FRT in 1992

Bradenhead repair in 1992

1-1/2" tubing @ 1894'

## FRT Completion

1892' - 2078'

frac'd w/ 165,000 sand

## Chacra Completion

3063' - 3072' 2 spf

3172' - 3186' 2 spf

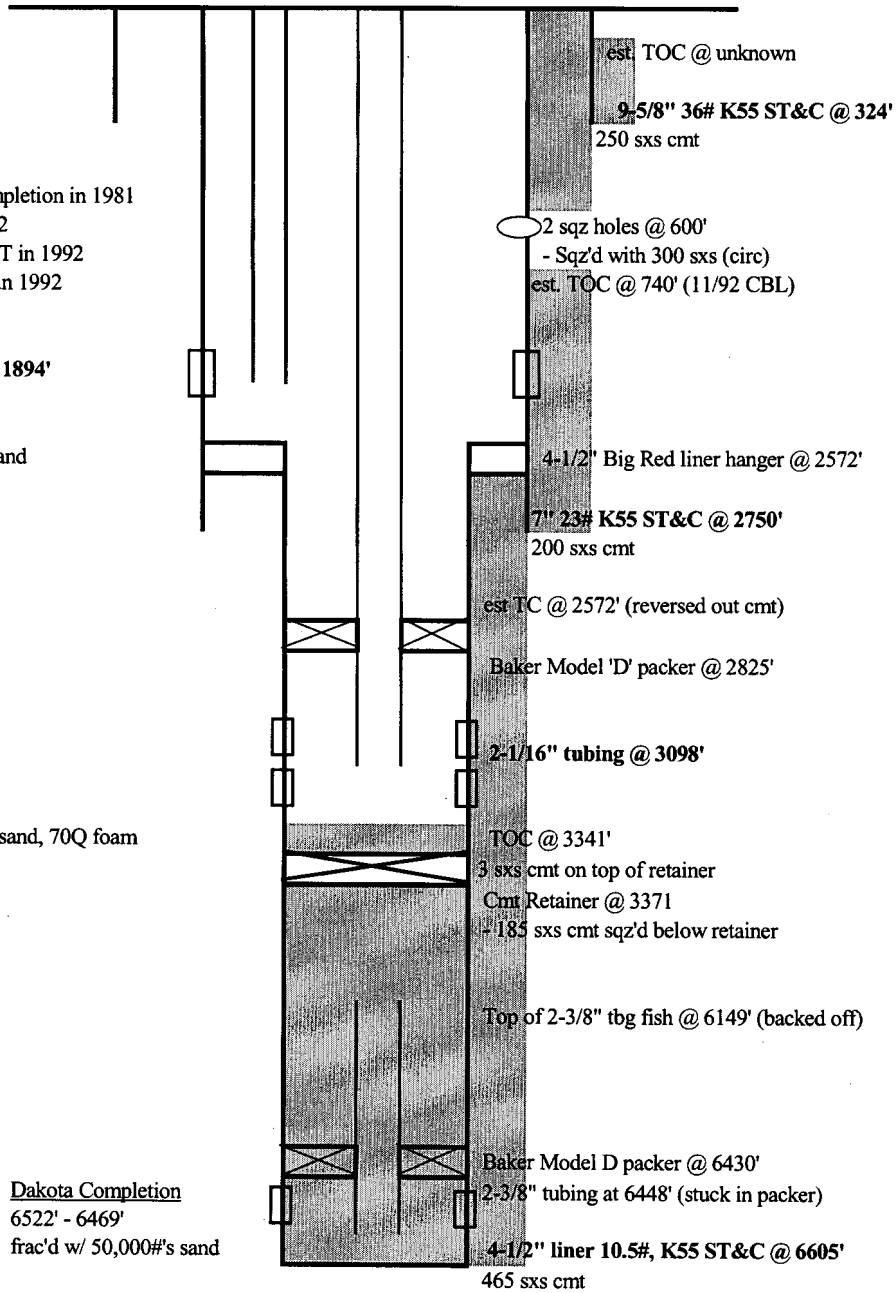
3194' - 3201' 2 spf

frac'd w/ 80,000#'s sand, 70Q foam

## Dakota Completion

6522' - 6469'

frac'd w/ 50,000#'s sand



## NOTES:

1) Dakota was P&A'd in 1994.

updated: 10/21/02 jad

District I  
1625 N. French Drive, Hobbs, NM 88240  
May 15, 2000

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A

District II  
811 South First Street, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

APPLI

TYPE

District III  
1000 Rio Brazos Road, Aztec, NM 87410

2040 South Pacheco  
Santa Fe, New Mexico 87505

☒ Single Well  
☐ Establish

Pre-Approved Pools

District IV  
2040 South Pacheco, Santa Fe, NM 87505  
No

**APPLICATION FOR DOWNHOLE COMMINGLING**

EXISTING WELLBORE  
☒ Yes ☐ No

Amoco Production Company

P. O. Box 3092 Houston, TX 77253

Operator

Address

Florance

117E

Unit H Section 35 T29N, R09W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 000778 Property Code 000518 API No. 30-045-24850 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Basin Fruitland Coal		Otera Chacra
Pool Code	71629		82329
Top & Bottom of Pay Section (Perforated or Open-Hole Interval)	1892' - 2078'		3063' - 3201'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure	550		425
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1097.5		1202.6
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage	Oil                  Gas 0   %                  75   %	Oil                  Gas %                      %	Oil                  Gas 100   %                  25   %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

No ☐ Yes ☒

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes \_\_\_\_\_ No \_\_\_\_\_

NMOC Reference Case No. applicable to this well: \_\_\_\_\_

**Attachments:**

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
  - Production curve for each zone for at least one year. (If not available, attach explanation.)
  - For zones with no production history, estimated production rates and supporting data.
  - Data to support allocation method or formula.
  - Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
  - Any additional statements, data or documents required to support commingling.
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**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
  - List of all operators within the proposed Pre-Approved Pools
  - Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
  - Bottomhole pressure data.
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE \_\_\_\_\_ TITLE **Sr. Regulatory Analyst** DATE **02/24/2003**

TYPE OR PRINT NAME **Mary Corley** TELEPHONE NO. ( **281** ) **366-4491**



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**Bill Richardson**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

## ADMINISTRATIVE ORDER DHC-3115

BP America Production Company  
P. O. Box 3092  
Houston, Texas 77253

Attention: Ms. Mary Corley

*Florance Well No. 117E*  
*API No. 30-045-24850*  
*Unit H, Section 35, Township 29 North, Range 9 West, NMPM,*  
*San Juan County, New Mexico*  
*Otero-Chacra (Prorated Gas 82329), and*  
*Basin-Fruitland Coal (Gas 71629) Pools*

Dear Ms. Corley:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis unless amended with permission of the Aztec District Office and copied to this office:

Basin-Fruitland Coal Gas Pool	Oil-0%	Gas-75%
Otero-Chacra Prorated Gas Pool	Oil-100%	Gas-25%

Administrative Order DHC-3115  
BP America Production Company  
March 4, 2003  
Page 2

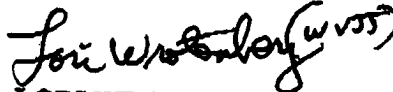
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REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of commingling operations.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 4th day of March 2003.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY  
Director

SEAL

LW/wvj

cc: Oil Conservation Division - Aztec  
Bureau of Land Management-Farmington