

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

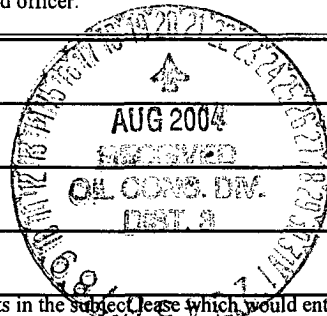
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM - 012711
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com		7. If Unit or CA Agreement, Name and No.
3a. Address P.O. BOX 3092 HOUSTON, TX 77253-3092		8. Lease Name and Well No. FLORANCE G 3S
3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700		9. API Well No. 30045 32424
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 1245FSL 975FEL 36.50100 N Lat, 107.39400 W Lon At proposed prod. zone		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
14. Distance in miles and direction from nearest town or post office* 28.5 MILES EAST FROM AZTEC, NM		11. Sec., T., R., M., or Blk. and Survey or Area p Sec 3 T30N R8W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 975'	16. No. of Acres in Lease	12. County or Parish SAN JUAN
17. Spacing Unit dedicated to this well 323.2 920.00 E/p	13. State NM	18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 100'
19. Proposed Depth 3180 MD	20. BLM/BIA Bond No. on file WY2924	21. Elevations (Show whether DF, KB, RT, GL, etc.) 6200 GL
22. Approximate date work will start 07/30/2004	23. Estimated duration 7 DAYS	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) CHERRY HLAVA	Date 06/14/2004
Title REGULATORY ANALYST		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed)	Date 8-17-04
Title AFM	Office FFO	



Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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.

Additional Operator Remarks (see next page)

Electronic Submission #31793 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

NMOCDD

District I
 PO Box 1980, Hobbs NM 88241-1980
 District II
 PO Drawer KK, Artesia, NM 87211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-102
 Revised February 21, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32424		² Pool Code 71629		³ Pool Name Basin Fruitland Coal	
⁴ Property Code 000534		⁵ Property Name Florance G			⁶ Well Number # 3S
⁷ OGRID No. 000778		⁸ Operator Name BP AMERICA PRODUCTION COMPANY			⁹ Elevation 6200

¹⁰ Surface Location

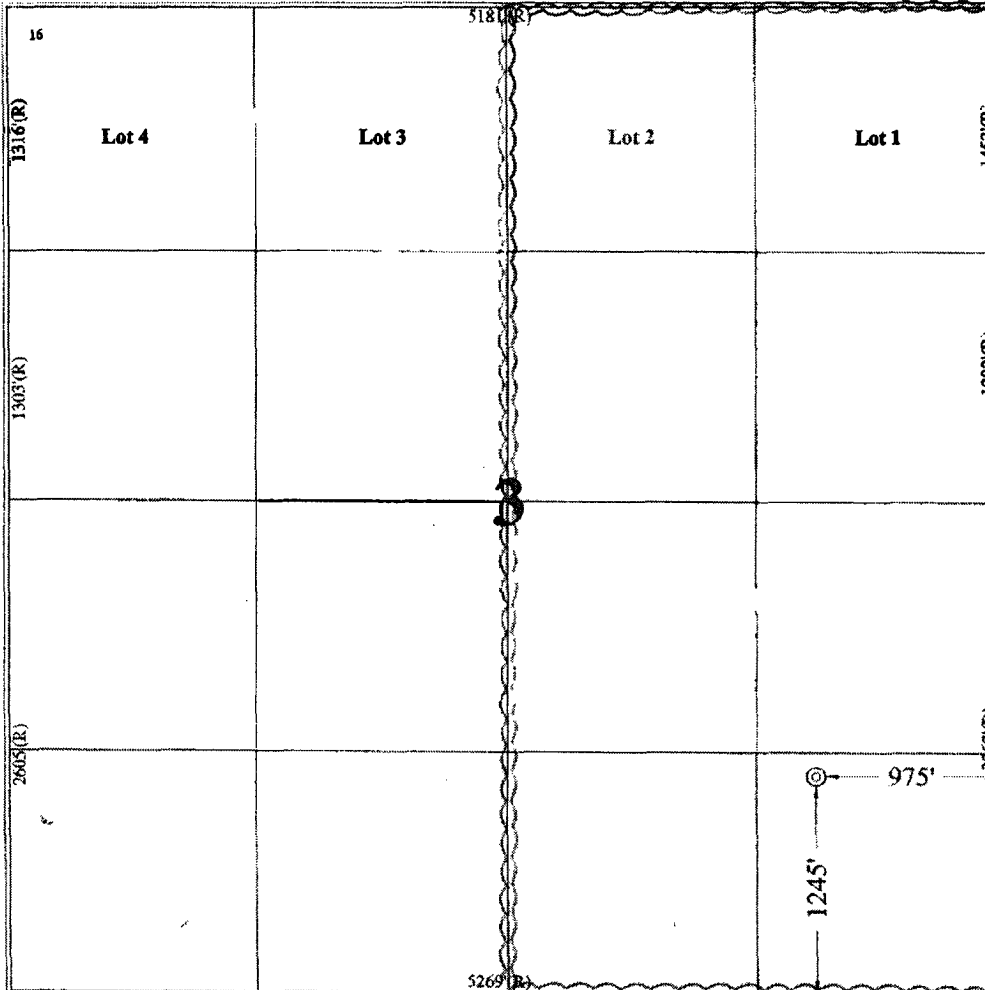
UL or Lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	3	30 N	8 W		1245	SOUTH	975	EAST	SAN JUAN

Bottom Hole Location If Different From Surface

⁷ UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 328.2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



¹⁷ OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Cherry Hlava*
 Printed Name: Cherry Hlava
 Title: Regulatory Analyst
 Date: 6-10-04

¹⁸ SURVEYOR CERTIFICATION
 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.

Date of Survey: April 23, 2004

Signature and Seal of Professional Surveyor:

 7016
 Certificate Number

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., 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

Form C-103
 March 4, 2004

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

WELL API NO.

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Florance G
 (Federal well NM - 012711)

8. Well Number
 3 S

9. OGRID Number

10. Pool name or Wildcat
 Basin Fruitland Coal

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 Gas Well Other

2. Name of Operator
BP AMERICA PRODUCTION CO

3. Address of Operator
P.O. BOX 3092 HOUSTON, TX 77079-2064

4. Well Location
 Unit Letter **P** : **1245** feet from the **SOUTH** line and **975** feet from the **EAST** line
 Section **03** Township **30N** Range **08W** NMPM SAN JUAN County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6200' GR

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **P** Sect **03** Twp **30N** Rng **08W** Pit type **Drilling** Depth to Groundwater **100' - 200'** Distance from nearest fresh water well **>1000'**

Distance from nearest surface water **>1000'** Below-grade Tank Location UL **P** Sect **03** Twp **30N** Rng **08W** ;

1345' feet from the **SOUTH** line and **960** feet from the **EAST** line PLEASE SEE ATTACHED PAD LAYOUT

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: PIT PERMIT <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please reference BP America's San Juan Basin Drilling/Workover Pit Construction Plan on file with the NMOCD. Drilling pit Construction Plan issued date of 04/15/2004. Pit will be closed according to closure plan on file.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan .

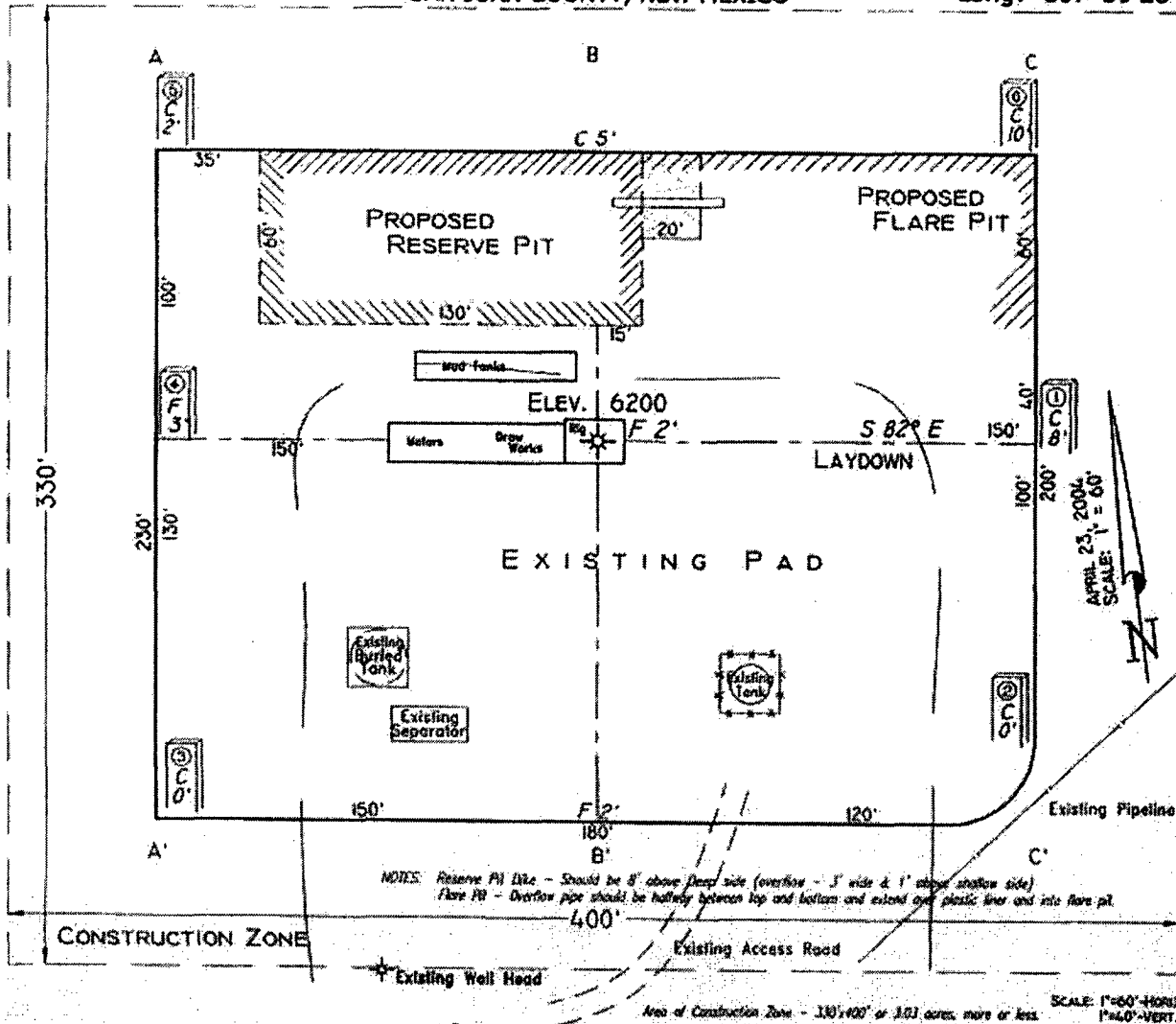
SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 6/10/04

Type or print name Cherry Hlava E-mail address: Telephone No. 281-366-4081

(This space for State use)
 APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #2 DATE AUG 20 2004
 Conditions of approval, if any:

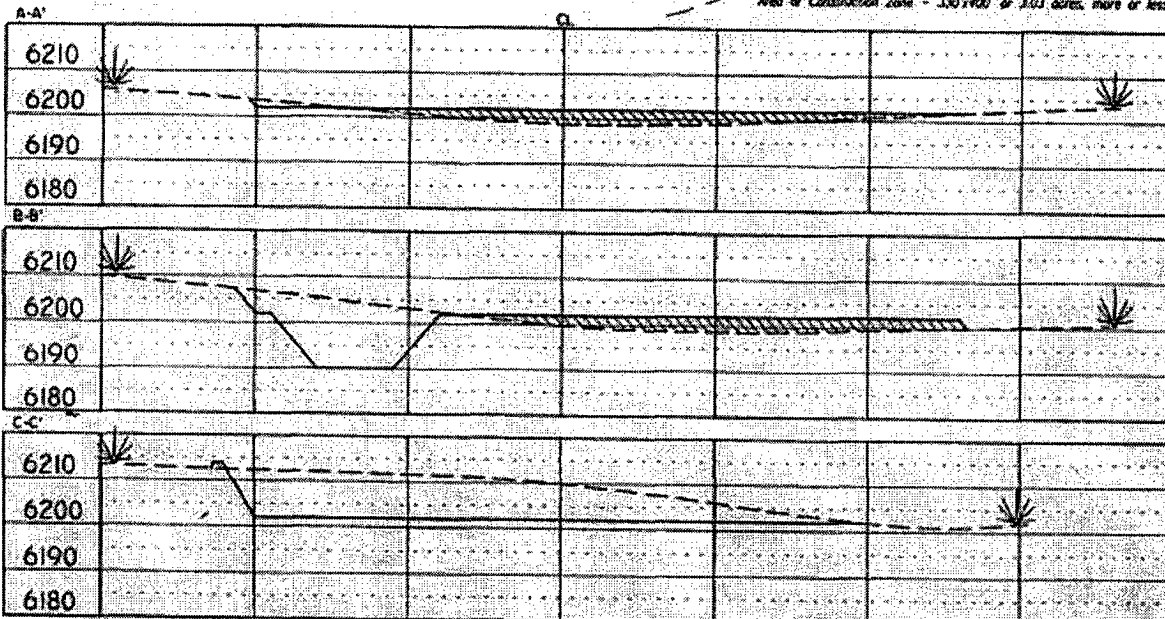
PAD LAYOUT PLAN & PROFILE
BP AMERICA PRODUCTION COMPANY
 Florance G #3S
 1245' F/SL 975' F/EL
 SEC. 3, T30N, R8W, N.M.P.M.
 SAN JUAN COUNTY, NEW MEXICO

Lat: 36°50'08"
 Long: 107°39'26"



NOTES: Reserve Pit Dike - Should be 8' above deep side (overflow - 3' wide & 1' above shallow side)
 Flare Pit - Overflow pipe should be halfway between top and bottom and extend over plastic liner and into flare pit.

Area of Construction Zone - 130'x400' or 3.03 acres, more or less.



NOTE: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road of least two (2) working days prior to construction.

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sidewalks and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS
 P. O. Box 1306
 Farmington, NM

Additional Operator Remarks:

This well is staked on existing Florance 36E well pad; (not inside Simon Canyon Rec. area)

Additional Operator Remarks:

Notice of Staking was submitted on 05/11/2004

BP America Production Company respectfully requests permission to drill the subject well to a total depth of approximately 3180' and complete into the Basin Fruitland Coal Pool as per the attached drilling procedure.

SUPPLEMENTAL TO SURFACE USE PLAN

New Facilities:

A 4" diameter buried steel pipeline that is + or - 1000 feet in length will be constructed. The pipe wall thickness is .156 and the pipe wall strength is 42,000#. It will be adjacent to the access road and tie the well into an existing gas meter operated by BP America Production Company. The pipeline will not be used to transport gas to drill the well. After the well is spud the pipeline will be authorized by a right-of-way issued by Williams Field Services.

If conditions allows it is our intent to pre-set the 9 5/8" casing on the above mentioned well by drilling a surface hole with air/air mist in lieu of drilling mud and the surface casing be cemented with 94.5 cu/ft type I-II, 20% FLYASH, 14.5 PPG, 7.41 gal/sk, 1.61 cf/sk Yield, 80 DEG BHST ready mix cement. If the area will not allow for pre-set the approved cement program will be followed.

Also attached is pit application for NMOCD purposes.

**BP AMERICA PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Florance G 3S
Lease:

Well No: 3S
Surface Location: Section 3P, T30N, R08W; 1245'
FSL, 975' FEL
Field: Basin Fruitland Coal

County: San Juan
State: New Mexico
Date: June 10, 2004

OBJECTIVE Drill to a TD of 3180' md, topset FT with 7" casing and air drill the Fruitland Coal interval, underream and set 5.5" liner.						
METHOD OF DRILLING			APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS		DEPTH OF DRILLING	Estimated GL: 6200		Estimated KB: 6213	
Rotary		0 - 3180' MD				
LOG PROGRAM			MARKER		SUBSEA	MEAS. DEPTH
			Ojo Alamo		4292	1921
			Kirtland		4162	2051
			Fruitland		3446	2767
			Fruitland Coal	*#	3298	2915
			Pictured Cliffs	*	3126	3087
			TOTAL DEPTH		3033	3180
			# Probable completion interval		* Possible Pay	
REMARKS:			DRILL CUTTING SAMPLES		DRILLING TIME	
At TD and prior to completion of the Fruitland coal interval, the operator will FAX or email a copy of the mud log covering the lower basal Fruitland coal seam and Pictured Cliffs Formation to the FFO-PMT geologist (Chip Harraden @ 505-599- 8997 or chip_harraden@nm.blm.gov) as well as the bp engineer (Dan Crosby @ 281-366-7099 or crosbyde@bp.com). Note: it is very important that the mud log include gas chromatograph results.			FREQUENCY DEPTH		FREQUENCY DEPTH	
			none none		Geolograph 0-3180	
SPECIAL TESTS						
TYPE						
None						
REMARKS:						
MUD PROGRAM:						
Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification	
0 - 120	Spud	8.6-9.2				
120 - 2900 (1)	Water/LSND	8.6-9.2		<6		
2900 - 3180	Gas/Air/N2/Mist					
REMARKS:						
(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.						
CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)						
Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	120	9 5/8"	H-40, 8 RND	32.3	12.5"	1
Intermediate	2900	7"	J-55, 8 RND	20.0	8.75"	1
Production Liner	2850 - 3180	5 1/2"	J-55, 8 RND	15.5	11.0"	2
REMARKS:						
(1) Circulate Cement to Surface						
CORING PROGRAM:						
None						
COMPLETION PROGRAM:						
Under-ream the open-hole section to 11" diameter.						
GENERAL REMARKS:						
Notify BLM/NMOCDC 24 hours prior to Spud, BOP testing, and Casing and Cementing.						
Form 46 Reviewed by:			Logging program reviewed by:		N/A	
PREPARED BY:		APPROVED:		DATE:		
Daniel Crosby				6/10/2004		
Form 46 12-00 MNP						

BOP Test Pressure

**BP America Production Company
BOP Pressure Testing Requirements**

Well Name: Florance G 3S
County: San Juan

State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1921		
Kirtland	2051		
Fruitland Coal	2915	200	0
PC	3087		
Lewis Shale			
Cliff House			
Menefee Shale			
Point Lookout			
Mancos			
Dakota			

** Note: Determined using the following formula: $ABHP - (.22 * TVD) = ASP$

Requested BOP Pressure Test Exception: 850 psi

**SAN JUAN BASIN
Fruitland Formation
Pressure Control Equipment**

Background

The objective Fruitland Coal formation maximum surface pressure is anticipated to be less than 1000 psi, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 psi. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 psi system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 psi rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin ~~Dakota~~. No abnormal temperature, pressure, or H2S anticipated.

Fruitland Coal

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth

11" nominal or 7 1/16", 3000 psi
double ram preventer with rotating head.

All ram type preventers and related control equipment will be hydraulically tested to 250 psi (low pressure) and 2000 psi (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.

Cementing Program

Well Name:	Florance G 3S	Field:	Basin Fruitland Coal
Location:	Sec 03 - 30N - 08W, 1245' FSL, 975' FEL	API No.:	
County:	San Juan	Well Flac:	
State:	New Mexico	Formation:	Fruitland Coal
		KB Elev (est)	6213
		GL Elev. (est)	6200

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	120	12.5	9.625	ST&C	Surface	NA	
Production -	2900	8.75	7	LT&C	Surface	NA	

Casing Properties: (No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface	9.625		32 H-40	3370	1400	254	0.0787	8.845
Production -	7		20 K-55	3740	2270	234	0.0405	6.456

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:		
			PV	<20	
			YP	<10	
			Fluid Loss	<6	
0 - SCP	Water/Spud	8.6-9.2			
SCP - TD	Water/LSND	8.6-9.2			
SCP - TD	Gas/Air/N2/Mist	NA			

Cementing Program:

	Surface	Production
Excess %, Lead	100	40
Excess %, Tail	NA	40
BHST (est deg. F)	75	120
Special Instructions	1,6,7	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Notes:

*Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	70 sx Class C Cement		83 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		0.347 cuft/ft OH
Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

Casing Equipment: 9-5/8", 8R, ST&C
1 Guide Shoe

Cementing Program

- 1 Top Wooden Plug
- 1 Autofill insert float valve
- Centralizers, 1 per joint except top joint
- 1 Stop Ring
- 1 Thread Lock Compound

Production:

Fresh Water	10 bbl	CW100
Lead	200 sx Class "G" Cement	501 cuft
Slurry 1	+ 3% D79 extender	
TOC@Surface	+ 2% S1 Calcium Chloride	
	+1/4 #/sk. Cellophane Flake	
	+ 0.1% D46 antifoam'	
Tail	90 sx 50/50 Class "G"/Poz	105 cuft
Slurry 2	+ 2% gel (extender)	
500 ft fill	0.1% D46 antifoam	0.1503 cuft/ft OH
	+1/4 #/sk. Cellophane Flake	0.1746 cuft/ft csg ann
	+ 2% CaCl2 (accelerator)	

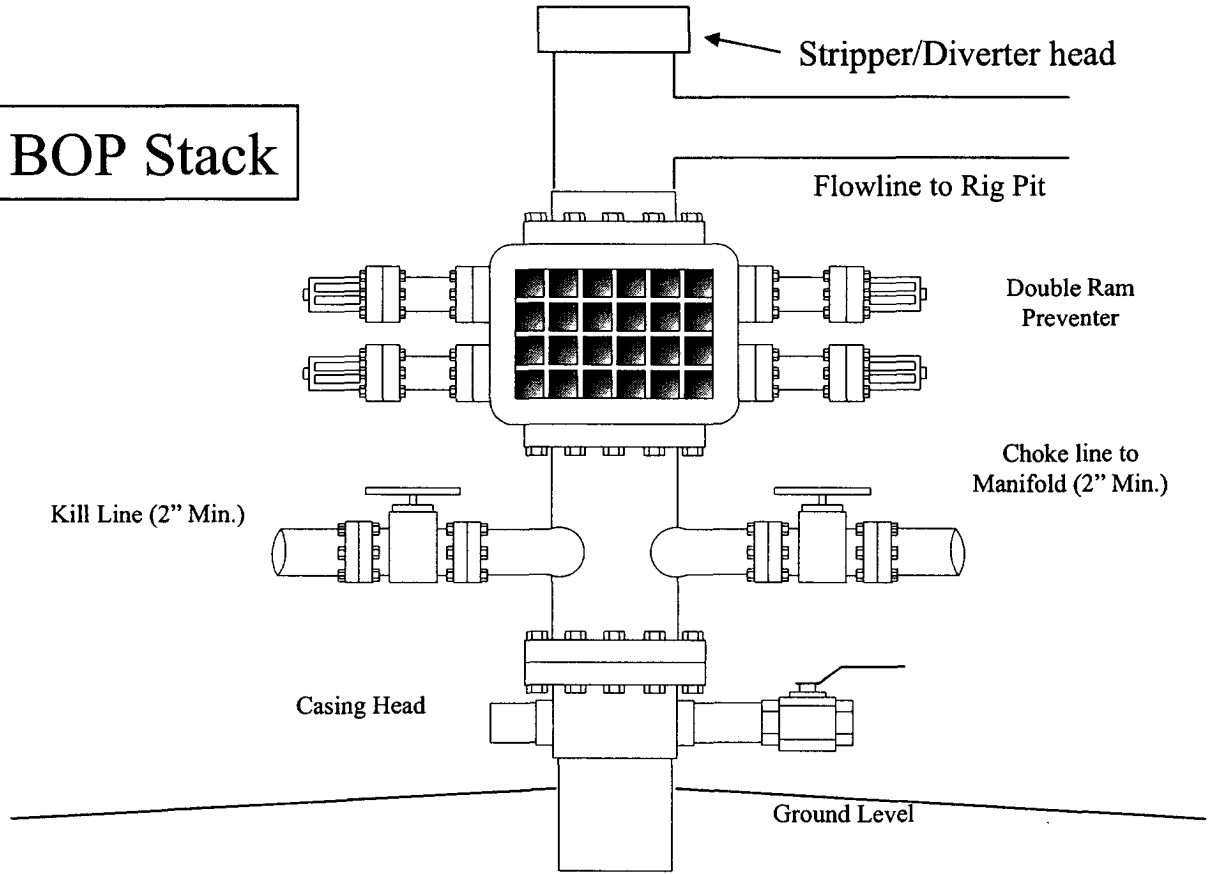
Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	11.4	2.61	17.77
Slurry 2	13.5	1.27	5.72

- Casing Equipment:**
- 7", 8R, ST&C
 - 1 Float Shoe (autofill with minimal LCM in mud)
 - 1 Float Collar (autofill with minimal LCM in mud)
 - 1 Top Rubber Plug
 - 1 Thread Lock Compound

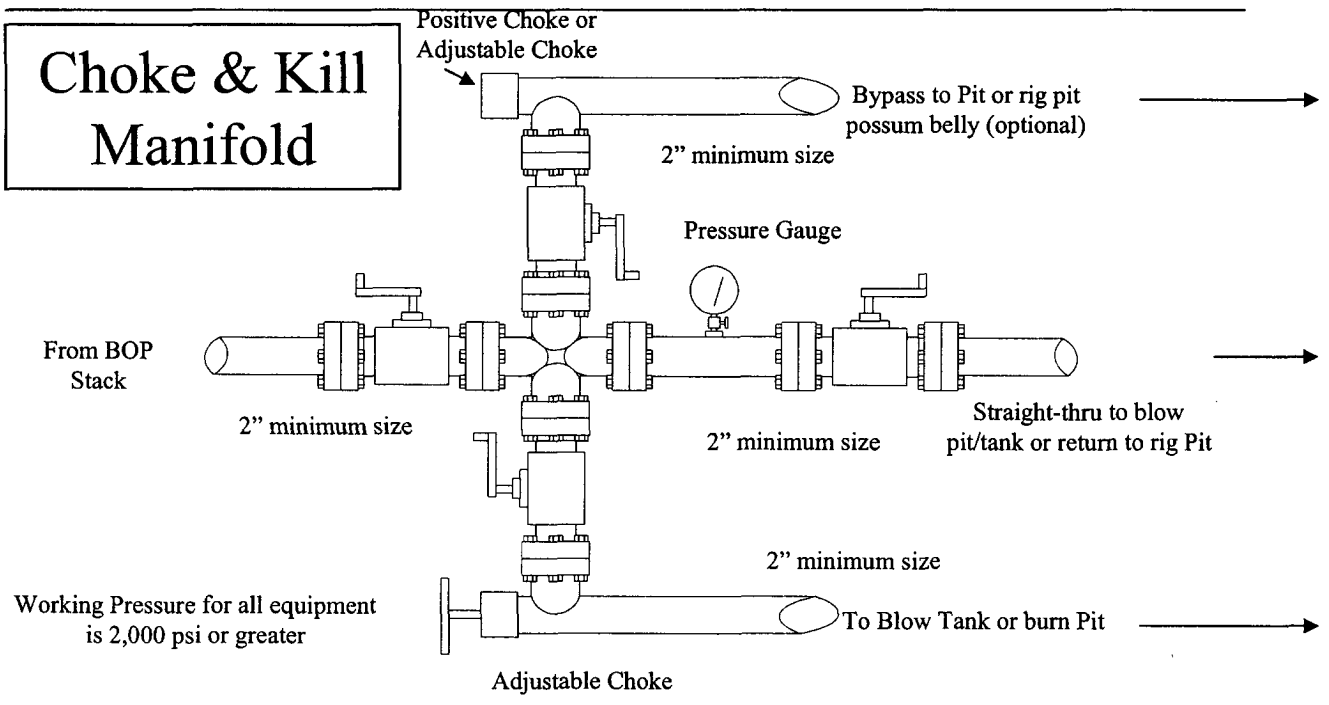
BP American Production Company
Well Control Equipment Schematic



BOP Stack



Choke & Kill Manifold



Certified Mail

BP America, Inc.
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4081

August 24, 2004

ConocoPhillips
600 North Dairy Ashford WL-3
Houston, Tx 77079-1175

Attn: Jane Strickland


Re: New Fruitland Coal Infill; High Productivity Area
Florance G 3S, 1245' South & 975' East Sec. 3 T30N R8W
San Juan County, New Mexico



This letter serves to advise you, as an Offset Operator to the above referenced well, that BP America Production Company is applying for Application for Permit to Drill. By Case No.12888 Order No. R-8768-F July 17, 2003 we are required to notify all affected persons prior to commencement of any Optional Infill Well in the High Productivity Area. Please see attached APD and C-102 showing standard locations.

Should you have any objection to these applications, you must notify the New Mexico Oil Conservation Division, Energy and Minerals Dept, 1220 South St. Frances Dr., Santa Fe, New Mexico 87505, in writing within 20 days of receipt of this letter.

Yours truly,


Cherry Hlaya
Regulatory Analyst

cc: New Mexico Oil Conservation Div.
Energy & Minerals Dept.
1220 South St. Francis Drive
Santa Fe, NM 87505

cc: New Mexico Oil Conservation Div
1000 Rio Brazos Rd.
Aztec, NM 87410

Certified Mail

BP America, Inc.
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4081

August 24, 2004

Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

Attn: David Valdez

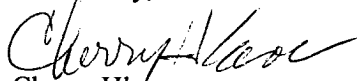
Re: New Fruitland Coal Infill; High Productivity Area
Florance G 3S, 1245' South & 975' East Sec. 3 T30N R8W
San Juan County, New Mexico



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Yours truly,


Cherry Hlava
Regulatory Analyst

cc: New Mexico Oil Conservation Div.
Energy & Minerals Dept.
1220 South St. Francis Drive
Santa Fe, NM 87505

cc: New Mexico Oil Conservation Div
1000 Rio Brazos Rd.
Aztec, NM 87410