

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.**

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

5. Lease Serial No.  
**MMNM04208**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**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. MCCULLEY LS 5S
2. Name of Operator BP AMERICA PRODUCTION CO		9. API Well No. 30-045-32307-00-X1
3a. Address P. O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700	10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T28N R9W SENW 2450FNL 1840FWL		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 checked="" 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 type="checkbox"/> Other
	<input checked="" 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 recomplate 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 recompletion 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.)

Original APD was submitted on 4/13/04 & approved 5/20/04.

The original surface casing was permitted for 8 5/8" 32.3# with hole size 12.5. The production casing was permitted for 7" 20.0# with hole size of 8.75.

BP America requests change to size and weight of casing. We respectfully request to run surface casing of 8 5/8" 20# x42 STC in a 12 1/4" hole and the production casing changed to 5 1/2" 15.5# J-55 STC in a 7 7/8" hole.

Please see attached amended cement report.

Verbal approval given by Adrienne Garcia to Harald Jordan on 5/25/04.



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #31141 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE GARCIA on 06/14/2004 (04AXG2626SE)**

Name (Printed/Typed) <b>CHERRY HLAVA</b>	Title <b>AUTHORIZED REPRESENTATIVE</b>
Signature (Electronic Submission)	Date <b>05/26/2004</b>

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

Approved By <i>[Signature]</i>	Title <i>Petr. Eng</i>	Date <i>6/16/04</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.

# Cementing Program

Well Name:	<b>McCulley LS 5S</b>	Field:	Basin Fruitland Coal
Location:	Sec 24 - 28N - 09W, 2450' FNL, 1840' FWL	API No.:	
County:	San Juan	Well Flac:	
State:	New Mexico	Formation:	Fruitland Coal
		KB Elev (est):	5911
		GL Elev. (est):	5898

**Casing Program:**

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)
Surface	120	12.25	8 5/8	ST&C	Surface	NA
Production -	2350	7 7/8	5 1/2	LT&C	Surface	NA

**Casing Properties:**

Casing String	Size (in.)	Weight (lb/ft)	Grade
Surface	8 5/8		20 X40 <i>y-42</i>
Production -	5 1/2		15.5 K-55 <i>J-55</i>

**Mud Program**

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:	
			PV	YP
0 - SCP	Water/Spud	8.6-9.2	<20	<10
SCP - TD	Water/LSND	8.6-9.2	Fluid Loss	<6
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	80 sx Class C Cement		99 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		
			0.4127 cuft/ft OH

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

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