

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.

SF - 078385

6. If Indian, Allottee or tribe Name

2005 OCT 32 AM 10 20

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

RECEIVED

8. Well Name and No.

THOMPSON LS 3S

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

3a. Address

PO BOX 3092 HOUSTON, TX
77253

3b. Phone No. (include area code)

281-366-4081

9. API Well No.

30-045-33203

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1500' FNL & 800' FWL; SEC 34 T30N R08W SWNW Mer NMP

11. County or Parish, State

SAN JUAN, NM

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

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Acidize



Deepen



Production (Start/Resume)



Water shut-Off



Alter Casing



Fracture Treat



Reclamation



Well Integrity



Casing Repair



New Construction



Recomplete



Other Chng Casing
Size



Change Plans



Plug and Abandon



Water Disposal



Convert to Injection



Plug Back

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 recomplete 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.

BP submitted APD on 06/28/05 and BLM approved 09/28/05.

BP respectfully requests permission to change surface casing size from 8 5/8" to 7" and the Production casing size from 5 1/2" to 4 1/2". Please see the revised drilling plan and cement program attached.

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

Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

Signature

Cherry Hlava

Date 10/25/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Shirley Bremley

Title

Pet. Eng

Date

11/2/05

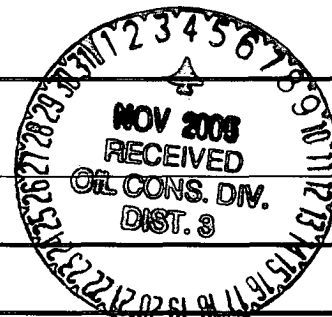
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

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.

NMOCD



10/27/2005 (Revised)

OBJECTIVE:	Drill to TD, set and cement 4.5" casing, perf and frac the Fruitland Coal interval.
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Cased Hole						

REMARKS:

Primary Log presentation is RST Coal interpretation (5"=100') with coal shaded. Carbon-oxygen/Inelastic Capture pass across Fruitland interval only. **Two final prints and customer LAS file to Jim Perkins in Houston - James.Perkins@bp.com.**

	# Probable completion interval	* Possible Pay
SPECIAL TESTS	DRILL CUTTING SAMPLES	DRILLING TIME
TYPE	FREQUENCY	DEPTH
Pressure / Mobility testing of Coal Intervals and PC.	none	none to TD
		Geologist
		0 - TD

REMARKS:

MUD PROGRAM:

Interval	TypeMud	#/gal	Vis, sec/qt	/30 min	Other Specification
200'	Spud	8.8 - 9.0	Sufficient to clean hole.		
3,134'	Water/LSND	8.4 - 9.0		<9	Sweep hole while whilst water drilling, LCM onsite

CASING PROGRAM:

CasingString	Depth	Size	Casing Size	Grade, Thread	Weight	Landing Point	Cement
Surface/Conductor	200'	8-3/4"	7"	J-55, STC	20#		cmt to surface
Production	3,134'	6-1/4"	4-1/2"	J-55	10.5#		cmt to surface

CORING PROGRAM:

None

COMPLETION PROGRAM:

Rigless, Limited Entry Hydraulic Frac. FMC Unihead

GENERAL REMARKS:

Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

BOP Pressure Testing Requirements

Formation	Depth	Anticipated bottom hole pressure	Max anticipated surface pressure**
Fruitland	2,918'	500	0
Pictured Cliffs	3,084'	500	0
	-		

Requested BOP Pressure Test Exception = 1500 psi

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

Form 46 Reviewed by:

Logging program reviewed by:

PREPARED BY:

APPROVED:

DATE: _____

10/27/2005 (Revised)

APPROVED:

DATE:

DNH/DDR

For Drilling Dept.

For Production Dept.

Cementing Program

Well Name: Thompson LS #3S
 Location: NW 1/4, S34, T30N, R08W : 1500' FNL, 800' FWL
 County: San Juan
 State: New Mexico

Well Flac
 Formation: Fruitland Coal
 KB Elev (est) 6353
 GL Elev. (est) 6342

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)
Surface	200	8 3/4	7	8rd	Surface
Production -	3134	6 1/4	4 1/2	8rd	Surface

Casing Properties:

(No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade
Surface	7	20	J55
Production -	4 1/2	10.5	J55

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	

Cementing Program:

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

Surface:

Preflush	20 bbl.	FreshWater
Slurry 1	47 sx Class C Cement	60 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)	
		0.1503 cuft/ft OH

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

Casing Equipment:

- 7", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- Centralizers, as needed
- 1 Stop Ring
- 1 Thread Lock Compound

Cementing Program

Production:

Fresh Water 10 bbl CW100

Lead	143 sx Class "G" Cement	373 cuft
Slurry 1	+ 3% D79 extender	
TOC@Surface	+ 2% S1 Calcium Chloride	
	+ 1/4 #/sk. Cellophane Flake	
	+ 0.1% D46 antifoam'	
Tail	57 sx 50/50 Class "G"/Poz	72 cuft
Slurry 2	+ 2% gel (extender)	
500 ft fill	0.1% D46 antifoam	0.1026 cuft/ft OH
	+ 1/4 #/sk. Cellophane Flake	0.1169 cuft/ft csg ann
	+ 2% CaCl2 (accelerator)	

Slurry Properties:

	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.4	2.61	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment:

4 1/2", 8R, ST&C
 1 Float Shoe (autofill with minimal LCM in mud)
 1 Float Collar (autofill with minimal LCM in mud)
 Centralizers as needed
 1 Top Rubber Plug
 1 Thread Lock Compound