

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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 page 2

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		5. Lease Serial No. NMSF078385
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE HOUSTON, TX 77079		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.892.5369		8. Well Name and No. THOMPSON LS 3S
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T30N R8W SWNW 1500FNL 800FWL 36.771712 N Lat, 107.669105 W Lon		9. API Well No. 30-045-33203-00-S1
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		11. County or Parish, State SAN JUAN COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing	<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 type="checkbox"/> Change Plans	<input checked="" 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 requests to P&A the subject well. Please see the attached P&A procedure, wellbore diagram, and reclamation plan documents.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

**Notify NMOCD 24 hrs
prior to beginning
operations**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #413020 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 05/16/2018 (18JWS0127SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/01/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE	Title PETROLEUM ENGINEER	Date 05/16/2018
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 Farmington

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

PLUG AND ABANDONMENT PROCEDURE

February 13, 2018

Thompson LS 003S

Basin Fruitland Coal
1500' FNL and 800' FWL, Section 34, T30N, R8W
San Juan County, New Mexico / API 30-045-33203

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes ☐ , No ☒ , Unknown ☐ .
Tubing: Yes ☐ , No ☒ , Unknown ☐ , Size 2-3/8" , Length 3019' .
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type .

Plug #1 (Fruitland perforations and top, 2922' – 2771'): Round trip 4.5" gauge ring to 2922' or as deep as possible. RIH and set 4.5" CR at 2992'. Circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Spot 12 sxs Class G cement inside casing from 2922' to cover the Fruitland top. PUH.

3. **Plug #2 (Kirtland and Ojo Alamo tops, 2226' – 1853'):** Mix 33 sxs Class G cement inside casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
4. **Plug #3 (Nacimiento and 7" surface casing shoe, 353' - Surface):** Perforate 4 squeeze holes at 353'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 75 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
- 5.
6. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Thompson LS 3S

Proposed

Basin Fruitland Coal

1500' FNL, 800' FWL, Section 34, T-30-N, R-8-W

San Juan County, NM, API #30-045-33203

Today's Date: 2/13/18

Spud: 11/14/05

Completed: 12/15/05

Elevation: 6342' GI

8-3/4" hole

Nacimiento @ 303'

Ojo Alamo @ 1903'

Kirtland @ 2176'

Fruitland @ 2821'

6.25" hole

7" 20# Casing set @ 201'
Cement with 57 sxs, circulated

Perforate @ 353'

Plug #3: 353' - 0'
Class G cement, 75 sxs

TOC 1400' ('05 CBL)

Plug #2: 2226' - 1853'
Class G cement, 33 sxs

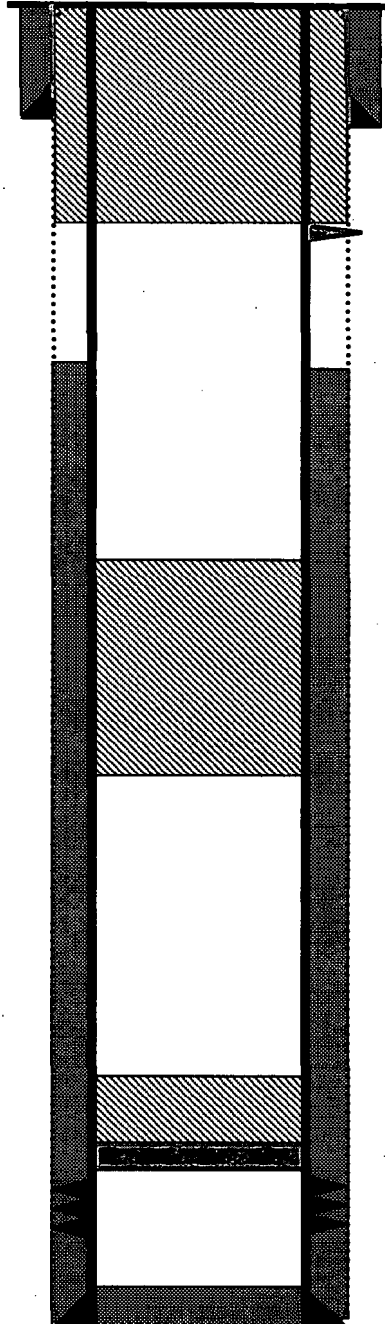
Plug #1: 2922' - 2771'
Class G cement, 12 sxs

Set CR @ 2922'

Fruitland Coal Perforations:
2972' - 2992'

4.5", 10.5#, Casing set at 3145'
Cement with 335 sxs

PBTD 3150'
TD 3114'



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Thompson LS #3S

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: aelmadani@blm.gov, brandon.powell@state.nm.us jwsavage@blm.gov

Low concentrations of H₂S (12ppm -<100 ppm GSV) have been reported in wells within a 1 mile radius of this location.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.