

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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		5. Lease Serial No. NMNM012202
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: CHERRY L HLAVA E-Mail: hlavacl@bp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281-366-4081	8. Well Name and No. BOLACK B LS 5
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T28N R8W NWSE 1650FSL 1750FEL 36.61552 N Lat, 107.68272 W Lon		9. API Well No. 30-045-11712-00-S1
		10. Field and Pool, or Exploratory BLANCO MV/ PC
		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 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 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.)

Above mentioned well will not flow &amp; compression is not economic on this well.

BP America respectfully requests permission to plug and abandon said well.

Please see attached pcedure.

RCVD SEP 25 '07

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #56433 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 09/24/2007 (07SXM0684SE)</b>	
Name (Printed/Typed) CHERRY L HLAVA	Title AGENT
Signature (Electronic Submission)	Date 09/20/2007

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

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 09/24/2007
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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOC

## **SJ Basin Well Work Procedure**

**Date:** September 17, 2007  
**Well Name:** Bolack B LS 5-PC  
**API** 30-045-11712  
**Location:** T28N-R8W-Sec33J  
**County:** San Juan  
**State:** New Mexico  
**Horizon:** Pictured Cliffs  
**Repair Type:** P&A

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**Objective: P&A entire wellbore.**

1. Pump lower cement plug to TOC.
2. Perforate casing 100' above CBL documented TOC
3. Set cement retainer and squeeze cement behind 2-7/8" casing to surface
4. Fill tubular space with cement above retainer to surface
5. Cut off wellhead and install dry hole marker.

Well History: Well tubing and casing pressures have been below line pressure and dropping since Energen completion of an adjacent Fruitland Coal well – believe Energen frac'd into the PC formation and are pulling bottomhole pressure below line pressure w/ compression on their completion – well will not flow and compression is not economic on this wellbore. Well will be P&A'd with a coil tubing rig as completion is tubingless. Temperature survey estimates TOC at 900' behind 2-7/8" casing. CBL will be required to prove top of cement in well.

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**Engr:** Andrew Berhost  
Office (505) 326-9208  
Mobile (505) 486-0139

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**Procedure: Notify BLM and NMOCD 24 hours prior to beginning P&A operations.**

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
3. Prior to rig up a full history should be obtained for the coil tubing unit. This should include the remaining coil tubing fatigue life, the position of all welds, and the fluid exposure history, all items should be documented for the reel.
4. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE.

5. Check and record casing and bradenhead pressures (Tubingless completion). Ensure production casing has double casing valves installed. Double valve all casing strings.
6. LOTO all necessary equipment including but not limited to: meter run, automation, separator, cathodic protections, and water lines.
7. RU slickline unit prior to moving coil rig on location. Pressure test slickline lubricator and BOP's to 500psig. Tag PBTD for future reference.
8. Set CIBP @ 2090' with WL. Roll hole with fluid and pressure test casing. If no fluid or pressure loss is apparent run CBL from 2090' to surface. Expect top of cement @ 900' behind 2-7/8" casing. RD WL.
9. Move in and RU CTU. If threaded tree flanges perform proper risk assessment for threaded connections. Use dual choke manifold or production choke for flow back. Fully function and pressure test BOP's to 250-psi low-pressure test, 500-psi high-pressure test – expected maximum BHP to be ~350psig. If Shear Rams are not used in BOP stack, refer to local standard operating practice. Lubricator should be of adequate length to cover BHA. Dual flapper check valves should be run above BHA. If dual flapper check valves are not used a detailed and current assessment of risks, mitigations and contingency responses should be refer to, or a local standard operating practice.
10. RIH with 1-1/4" coil tubing to 2040' and mix correct batch of G-Class cement using the CBL report results and the volume gradients in next STEP (11) to spot plugs inside 2-7/8" casing.
11. The CBL report will tell where we need to perforate and squeeze cement behind 2-7/8" casing – expect TOC @ 900'. We will spot cement plug from 2090' (top of CIBP) to 100' below TOC documented in CBL report. Calculate cement volume to mix and pump using the following unit gradients – 0.0325cu. ft./ ft or 0.00579bbl/ft. Example: TOC @ 900' pump cement volume to fill 1090' (**33.8 cu. ft**) (2090' CIBP - 900' TOC- 100' depth control safety factor). Do not over mix or pump cement batch above required volumetric amount.
12. Circulate water thru coil tubing to rig pit or flow back tank to clean out coil tubing before POOH.
13. POOH with coil.
14. RU WL and tag TOC inside 2-7/8" – document in DIMS report. RIH with perforating gun and shot holes 50' above document TOC from CBL report. RD WL.
15. RIH with 1-1/4" coil tubing with a 2-7/8" cement retainer and set retainer 50' above perforated interval. Establish water circulation with surface, if possible, and circulate cement to surface. If circulation not possible squeeze interval with **36.85 cu. ft.** to fill 200' of annular space behind 2-7/8" casing + 100' of tubular space below the retainer.
16. If cement circulation to surface behind 2-7/8" casing was completed in previous step spot G-Class cement on top of retainer to surface and skip next step (17).

17. If cement circulation to surface was not possible in step (15) complete squeeze then sting out of cement retainer spot cement on top of retainer to 300' – mix cement using tubular volume gradient of 0.0325cu ft/ ft. Repeat steps 12, 13, 14 (perforate @ 250'), and step 15 except RIH w/ packer to 200' and pump **77.3 cu.ft.** to cover the 8-5/8" casing shoe to surface behind 2-7/8" casing. Then spot cement to surface inside 2-7/8" casing above perforations. Wash cement out of coil tubing to rig pit or flow back tank and POOH.
18. Perform underground disturbance and hot work permits. Cut off tree. **If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.**
19. Install well marker and identification plate per NMOCD requirements.
20. RD and release all equipment. Remove all LOTO equipment.
21. Ensure all reports are loaded into DIMS. Print out summary of work and place in Well file. Notify Sherri Bradshaw (326-9260) of completed P&A.

# Bolack B LS 5

Sec 33, T28N, R8W

API: 30-045-11712

5927' GL

TOC & surf (circ)

8-5/8" 28# H-40 @ 199'

## History:

Completed JUNE 1966

TOC @ 900' (Temp Survey)

## Pictured Cliffs Perforations

2133'-2143' 3 spf

2160'-2170' 3 spf

frac'd w/ 40,000 #'s sand

2-7/8" 6.4# N-80 @ 2256'

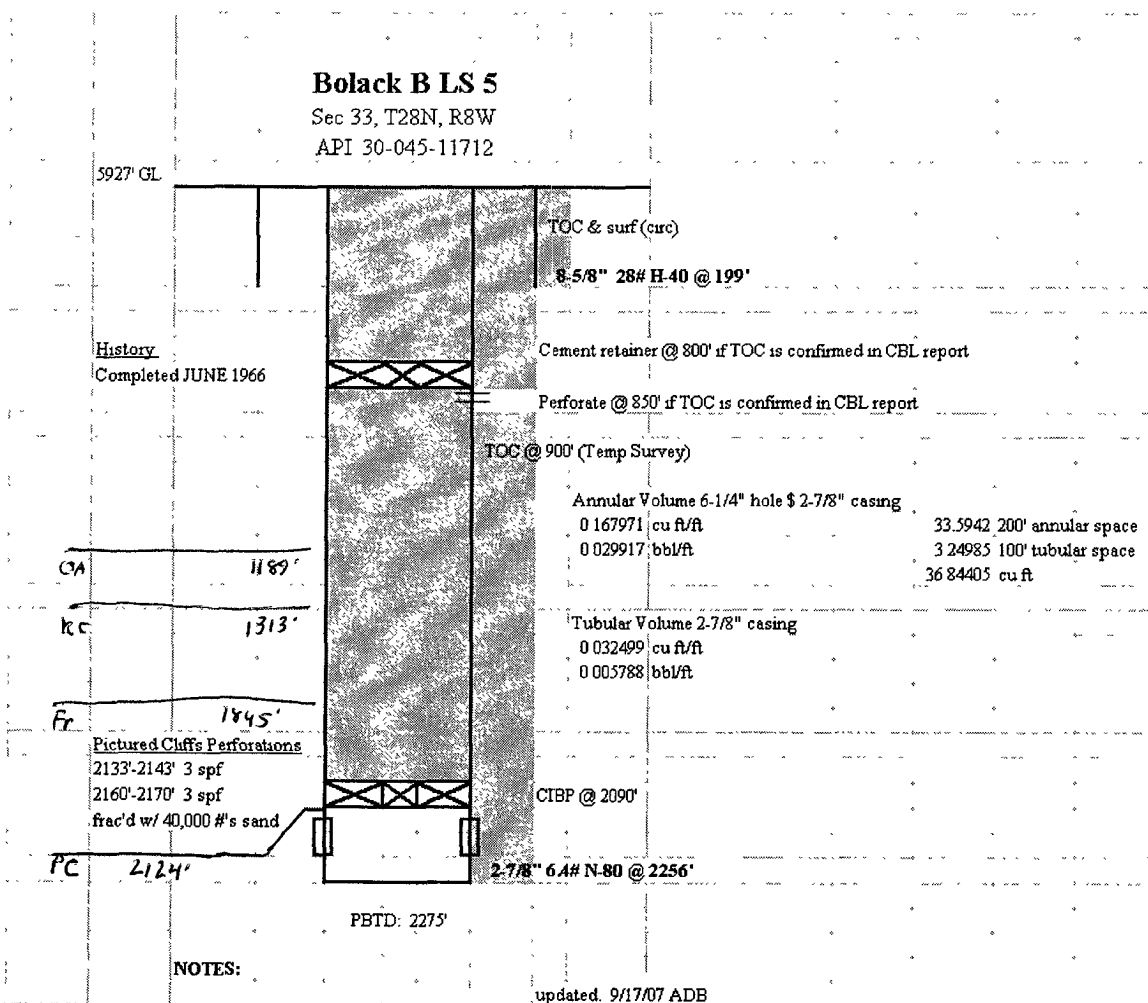
PBTD: 2275'

## NOTES:

1) Formation Tops:

updated: 2/12/07 ADB

Proposed P&A diagram:



- 1) 2090' - 1000' 35 ft<sup>3</sup>
- 2) 850' - surface 199 ft<sup>3</sup>