

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.

5. Lease Serial No.
NMSF078095

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. CASE B 12
2. Name of Operator BP AMERICA PRODUCTION CO. Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com		9. API Well No. 30-045-20748-00-S1
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 281-366-4081	10. Field and Pool, or Exploratory BLANCO PICTURED CLIFFS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T31N R11W SWSW 0845FSL 0850FWL 36.92233 N Lat, 108.01869 W Lon		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 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 finds no further uphole potential in the above mentioned well & respectfully request permission to P&A.

Please see attached P&A procedure.

RCVD APR 20 '10
OIL CONS. DIV.

DIST. 3

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

**Electronic Submission #84192 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 04/13/2010 (10SXM0153SE)**

Name (Printed/Typed) CHERRY HLAVA	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/06/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>04/13/2010</u>
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 <u>Farmington</u>

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 *to 4/27*

Case B 12 – PC PxA Procedure (Version 2)

General Information:

Formation:	PC	Job Objective:	Plug and Abandon
Project #:		Date:	3/16/2010
Engineer:	Anne Hansford	p. 281.366.8619	c. 713-540-3386
Production Contact:	Rocky Deromedi	p. 505.326.9471	c. 505.486.0942
Optimizer:	Mike McMahan	p. 505.326.9231	
Backup Engineer:			

Well Information:

API Number:	<u>30-045-20748</u>
BP WI:	<u>100%</u>
Run #:	<u></u>
Surface Location:	<u>Sec. 05, T31N, R11W</u>
Meter Number:	<u>87255</u>
Well FLAC:	<u></u>
Cost Center:	<u></u>
Lease FLAC:	<u></u>
Restrictions:	<u>N/A</u>
Regulatory Agency:	<u>BLM</u>
Compressed (Y/N):	<u>N</u>

Production Data:

Tubing Pressure:	<u>N/A</u>
Casing Pressure:	<u>142 psi</u>
Line Pressure:	<u>160 psi</u>
Pre-rig Gas Rate:	<u>0 MCFD</u>
Anticipated Uplift:	<u>None</u>
Water Rate:	<u></u>
CO2 (%):	<u>0.5%</u>
H2S (PPM):	<u>N/A</u>
Gas BTU:	<u>1180</u>
Artificial Lift Type:	<u>N/A</u>

Basic Job Procedure:

A) Rigless Work

1. Test WKM gate valve to ensure not leaking. Kill well.
2. Remove flow tee and N/U BOP pump in sub (needs to accommodate CBL).
3. Set CIBP or cement retainer @ **2808'**
4. Pressure test casing and run CBL
5. Review CBL.

B) Coil Tubing unit

6. R/U
7. Cement plug from **2808' to 2194'** both inside and outside 2-7/8" casing to ensure coverage over FT and PC formation.
8. Based on CBL log, determine remedial work. Plug to cover Kirtland and Ojo ~~1188'~~^{1240'} to ~~1140'~~^{882'}.
9. Perf @ **200'** and cement surface plug from **200'** to surface inside and outside.
10. R/D

Safety and Operational Details:

ALL work shall comply with DWOP E&P Defined Operating Practice.

Well History:

The Case B 12- PC was completed as a 2-7/8" slimhole completion by Tenneco in 1971. The well has had several name changes (Case 12 → Case LS 12 → Case B 12).

Standard Location Work:

1. Perform pre-rig site inspection, size of location, gas taps, other wells, other operators, running equipment, wetlands, wash, H2S barriers if needed for equipment. Landowner issues, buried lines in pits, raptor nesting, critical location, check anchors. Check ID wellhead, determine if equipment is acceptable or obsolete and replace if necessary, if digging is required have One Call made 48 hours. Follow ground disturbance policy.
2. Perform second site visit, checking anchors and barriers if needed. Ensure lines are marked so that they clearly designate pit locations. Discuss and turnover handover sheet with someone from operations team and wells team. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

Rigless Procedure:

3. Notify BLM and NMOCD 24 hours prior to performing the work.
4. Hold pre-job safety meeting and discuss JSA with everyone on location. JSA should cover: heavy lifts, pinch points, location hazards, pressure hazards, proper PPE and 8 golden rules of safety/IFF. Make sure everyone has preformed their LOTO and knows they have the right to stop the job.
5. Check and record casing pressure, intermediate, and Bradenhead pressures. Record all pressures into DIMS. Notify engineer if Bradenhead pressures exist. Check gas H2S content and treat if the concentration is > or equal to 10 ppm.
6. Insure double casing valves are installed. Spot and lay 3" line and tank to blow down well, record pressures while blowing well down if possible.
7. Blow down backside to flow back tank.
8. RU pump truck and kill well.
 - a. Volume of 2-7/8" = 0.00579 bbl/ft
 - b. Distance to CIBP = 2808'
 - c. Volume of kill fluid = 16 bbls
9. Check to see if WKM gate valve on wellhead is holding and no leaks are present.
10. Remove national type F flow tee.
11. Move in Wireline unit, equipment and crew. Be sure to fill out necessary work orders. Wireline must perform LOTO and JSA. RU unit with a lubricator with pump in sub that can accommodate CBL and BOP. **Since well is not an HCO no Pressure testing of lubricator is required.**
12. RIH with gauge ring for 2-7/8" completions to top of perforations @ **2858'**. TOH.
13. RIH with 2-7/8" CIBP on wireline and set at **2808'** and load hole with fluid and pressure test **2-7/8"** casing. If no fluid or pressure loss is apparent, run CBL.
14. R/D wireline unit.

Coil Tubing procedure

15. 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

16. MIRU Coil-tubing unit
17. 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, 1000-psi high-pressure test. 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.
18. RIH with coil-tubing to **2808'** and spot **614'** (19.9 cu ft) of G-Class cement inside 2-7/8" casing from **2194'-2808'**. This will cover the Picture Cliff and Fruitland Coal interval.
19. POOH to **1845'**. Based on CBL results determine if remedial work needs to be completed. Pump a **306'** (9.9 cu ft- inside; 51.4 cu ft outside) of G-Class cement from **1488' - 892'** on ¹²⁴⁰⁻¹¹⁴⁰ the inside and outside of the 2-7/8" casing. This will isolate the Kirtland and Ojo Alamo formation. POOH
20. Rig down coil unit.
21. Move in Wireline unit, equipment and crew. Be sure to fill out necessary work orders. Wireline must perform LOTO and JSA. RU unit with a lubricator with pump in sub that can accommodate CBL and BOP. **Since well is not an HCO no Pressure testing of lubricator is required.**
22. RIH with perforating gun and shoot holes @ **200'**. RD wireline.
23. RU pump truck. Establish circulation. Once circulation is established, pump and circulate **40.1 cu ft cement from 200' to surface** behind and inside 2-7/8" casing. This will put cement around the bottom of the 8-5/8" surface casing shoe to surface and both inside and behind the 2-7/8" casing. POOH.
24. Perform underground disturbance and hot work permits. Cut off tree.
25. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
26. Release coil tubing unit.
27. Install well marker and identification plate per regulatory requirements. Dry hole marker should contain the following:

BP American Production Co.
Case B 12
API 30-045-240748
Unit letter M, Sec 05, T31N, R11W
845 FSL, 850 FWL
San Juan, NM
Picture Cliffs Formation
Federal Lease number: SF 078095
P&A date - TBD
28. RD and release all equipment. Remove all LOTO equipment.

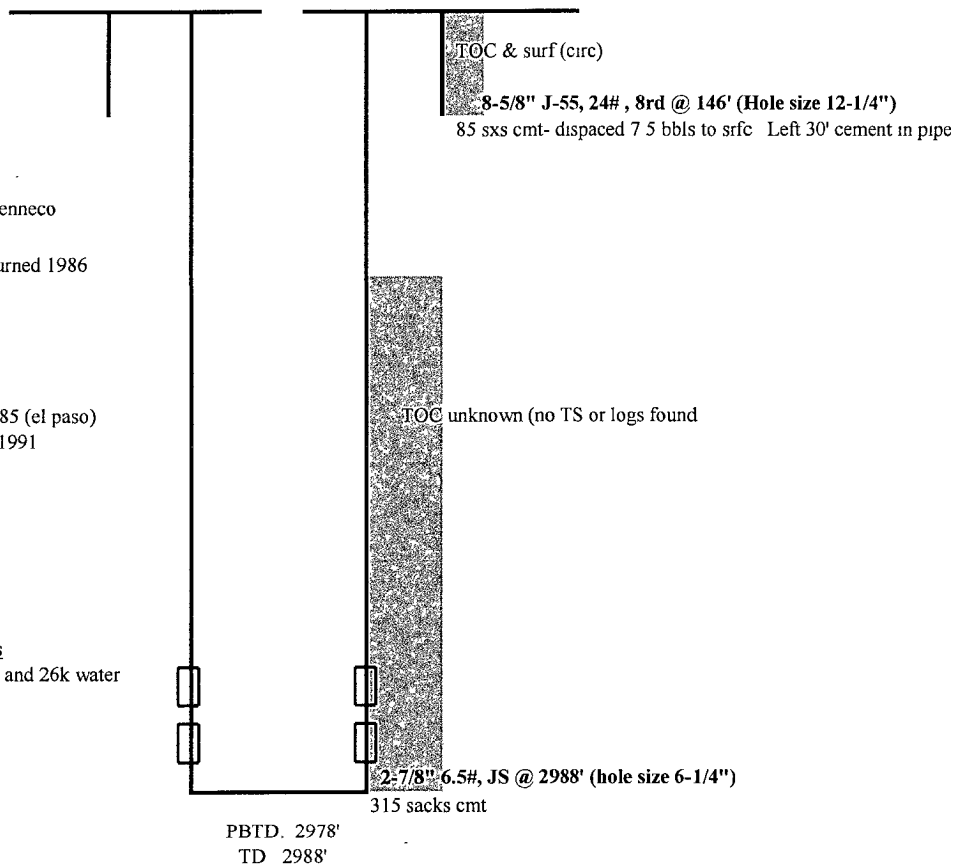
29. Ensure all reports are loaded into DIMS. Print out summary of work and place in Well file.
 Notify Sherri Bradshaw (326-9260) of completed P&A and Cherry Hlava.

Case B 12 - PC

Sec 5, T31N, R11W Unit M

API: 30-045-20748

6199' GL



History

Completed April 1971 by tenneco

Shut in for 90 days and returned 1986

Alternative names

Case 12 --> Case LS 12 1985 (el paso)

Case LS 12 --> Case B 12 1991

Pictured Cliffs Perforations

2858-2866 26k# sand and 26k water

2874-2894 32 shots

Formation Top

Ojo Alamo 982'

Kirtland 1088'

Farmington Sant 1720'

Fruitland 2294'

PC 2857'

PBTD. 2978'

TD 2988'

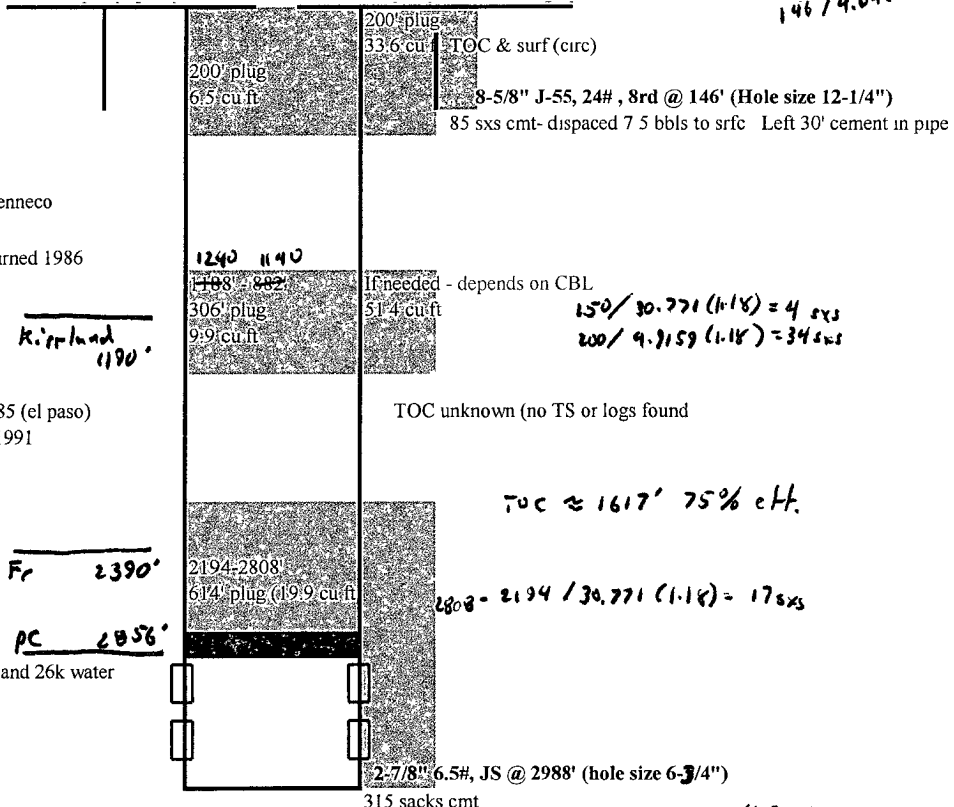
updated 12-9-2009 AH

Case B 12 - PC

Sec 5, T31N, R11W Unit M
API: 30-045-20748

6199' GL

$$\begin{aligned} 200 / 30.771 (1.18) &= 6 \text{ sxs} \\ 54 / 4.915 (1.18) &= 9 \text{ sxs} \\ 146 / 4.046 (1.18) &= 31 \text{ sxs} \\ &= 46 \text{ sxs} \end{aligned}$$



History

Completed April 1971 by tenneco

Shut in for 90 days and returned 1986

Alternative names

Case 12 --> Case LS 12 1985 (el paso)

Case LS 12 --> Case B 12 1991

Kirtland
1190'

Fr 2390'

PC 2856'

Pictured Cliffs Perforations

- 2858-2866 26k# sand and 26k water
- 2874-2894 32 shots

Formation Top

- Ojo Alamo 982'
- Kirtland 1088'
- Farmington San 1720'
- Fruitland 2294'
- PC 2857'

PBTD 2978'
TD: 2988'

updated: 12-9-2009 AH

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 12 Case B

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) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Kirtland plug from 1240' – 1140' inside and outside the 2 7/8" casing.

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.