

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 25 2008

FORM 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 NMNMN 013860A
2 Name of Operator BP America Production Company Attn: Cherry Hlava		6 If Indian, Allottee or tribe Name
3a Address P.O. Box 3092 Houston, TX 77253	3b Phone No (include area code) 281-366-4081	7 Unit or CA/Agreement, Name and/or No.
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1500' FNL & 1650' FEL Sec 24 T28N R08W		8 Well Name and No Russell LS 4
		9 API Well No. 30-045-07319
		10 Field and Pool, or Exploratory Area Blanco Mesaverde
		11 County or Parish, State San Juan County, New Mexico

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR 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"/> Abandon
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Other	

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.

RCVD JUN 27 '08
OIL CONS. DIV.
DIST. 3

COMPLIANCE WELL

After evaluation of above mentioned wellbore BP respectfully requests permission to plug the entire well.
Please see the attached procedure

14 I hereby certify that the foregoing is true and correct	
Name (Printed/typed) Cherry Hlava	Title Regulatory Analyst
<i>Cherry Hlava</i>	Date 6/24/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date JUN 26 2008
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.		

NMOCD

6/30

SJ Basin Plugging Procedure

Well Name: Russel LS 004 P&A **API #:** 30-045-07319
Date: June 13, 2008
Repair Type: P&A
Location: T28N-R8W-Sec24-UL-G
County: San Juan
State: New Mexico
Horizon: Mesa Verde
Engr: Audrey Rasmussen
Office: (505) 326-9485

Objective: P&A of Wellbore. Locate TOC of current cement. Ensure interval isolation throughout wellbore.

1. Run CBL on 5-1/2" casing liner and 7-5/8" casing.
2. Pump lower cement plugs. MV and CH.
3. Spot cement plug for PC/FT interval.
4. Tag TOC w/ WL. Perforate for Ojo Alamo annular cement squeeze.
5. Squeeze Ojo Alamo interval and set tubular plug.
6. Tag TOC w/ WL. Perforate for surface annular cement squeeze.
7. Set surface interval plug
8. Cut off wellhead – Set P&A marker.

History: Well completed in the MVRD Formation in 1959. In 2003 the MENF was added. In 07/01, the Price Com 4 was drilled in the Mesaverde in the same quarter section. The Russell LS 4 was producing at 70 mcf/d until the Price Com 4 was drilled in 2001. The rate then dropped to 30 mcf/d and has been declining ever since. Back pressure modeling indicates that the well is draining from a smaller volume later in life. Reservoir pressures are also steeply declining after 2001. This indicates that the Price Com 4 and the Russell LS 4 are in communication. This well is to be P&A'd due to the communication between the Price Com 4 and the Russell LS 4. The Price Com 4 will be able to recover the remaining resources as long as the Price Com 4 continues to be operated efficiently. It will also be a compression candidate in the near future.

Procedure:

1. Contact BLM and NMOCD 24hrs before beginning P&A process to ensure scheduling of personnel to witness CBL results and cement placement.
2. 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.
3. Perform second site visit after lines are marked to ensure all lines locations are clearly marked and that planning and scheduling had location ready for rig.

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. RU Slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/ plug, or plug set in nipple) for isolation in the tubing string.
6. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
7. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
8. Blow down well. Kill with 2% KCL water ONLY if necessary.
9. Check all casing strings to ensure no pressure exist on any annulus. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.
10. Nipple down wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 650 psi – expected bottom hole pressure is 450 psi. This is a P&A, so well should remain dead throughout the procedure.
11. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip 2-3/8" tubing hanger out of the hole.
12. TOOH w/ 2-3/8" production tubing currently set @ 5094'.
13. RIH with 2-3/8" workstring and set 5-1/2" CIBP just above the MV perforations +/- 4390'. Load well with fluid and pressure test casing to 500 psig.
14. RU WL and run CBL for 5-1/2" line and 7-5/8" casing from 4390' to surface. Report TOC back to BLM, NMOCD, and Engineer. TOC is estimated @ TOL. Based on CBL results it will be determined if and where cement will be required behind casing to cover the necessary intervals. The next 2 steps listed below assume the TOC behind the 5-1/2" casing is at the top of the 5-1/2" liner (2932'). The order and detail of the next 2 steps could change based on the CBL results.
15. RU WL tag CIBP at 4390'. Spot 231' (**30.9 ft³**) of cement on top of CIBP from 4159'-4390'. This will isolate the MV interval. WOC. Tag TOC at 4159' with end of tubing to ensure solid base and correct cement spot.
16. PU with workstring to ³⁷⁸⁰~~3675~~ and spot 205' (**27.4 ft³**) of cement on top of CIBP from ³⁴⁷⁰~~3470'-3675'~~. This will isolate the Chacra interval. WOC. Tag TOC at 3470' with end of tubing to ensure solid base and correct cement spot.
17. Based on CBL results it will be determined if and where cement will be required behind the 7-5/8" casing to cover PC/FT interval. The next 5 steps listed below assume the

TOC behind the 7-5/8" casing is at the temperature survey depth 2078'. The order and detail of the next five steps could change based on the CBL results.

18. PU with workstring to ³⁰³⁰2838' and spot a 503' (³⁰³⁰67.2 ft³) of cement from 2335'-2838'. This will isolate the PC and FT intervals inside the 7-5/8" casing. TOH.
²⁰³⁹
19. RU WL tag TOC at 2335'. RU Perforators and PU to 1900' and perforate 7-5/8" casing.
¹⁹⁷⁹
20. RIH with 7-5/8" cement retainer to 50' above perforated interval at 1850'. RD WL.
¹⁹⁷⁹
21. RIH with 2-3/8" work string and sting into retainer at 1850'. Squeeze annular space between 7-5/8" and formation with ¹⁹⁷⁹43 ft³ of G-Class cement. This will put 200' of cement behind 7-5/8" casing and isolate Ojo Alamo formation. (Assuming TOC is @ 2078').
^{1789' - 2029}
22. PU of cement retainer and spot a 200' (⁵³53 ft³) plug from 1700' to 1900'. This will isolate the FT interval inside the 7-5/8" casing. TOH.
23. RU WL tag TOC at 1700'.
^{466'}
24. RU WL and perforate the 7-5/8" casing at 220'. RD WL.
25. RIH with 7-5/8" packer and 2-3/8" workstring at set packer at 190'. Circulate cement behind the 7-5/8" casing by opening the bradenhead valve and walking the circulating pressure up. Estimate ^{466'}47.2 ft³ of cement needed to fill annular volume. This will put cement across the 10-3/4" casing shoe all the way to surface behind the 7-5/8" casing. TOH with packer.
^{466'}
26. RIH open-ended to 220' and spot a cement plug to surface (58.3 ft³). TOH.
27. ND BOP. Perform underground disturbance and hot work permits. Cut off tree.
28. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
29. Install well marker and identification plate per regulatory requirements.
30. RD and release all equipment. Remove all LOTO equipment.
31. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Notify Sherri Bradshaw of completed P&A.

Current Wellbore Diagram

Russell LS 4

Sec 24GT28N, R8W

API # 30-045-07319

GL 6223'

History

Completed as a MV well in 8/1959

2/2003 - Menefee payadd

9/2007 - Replaced Master valve

Formation Tops

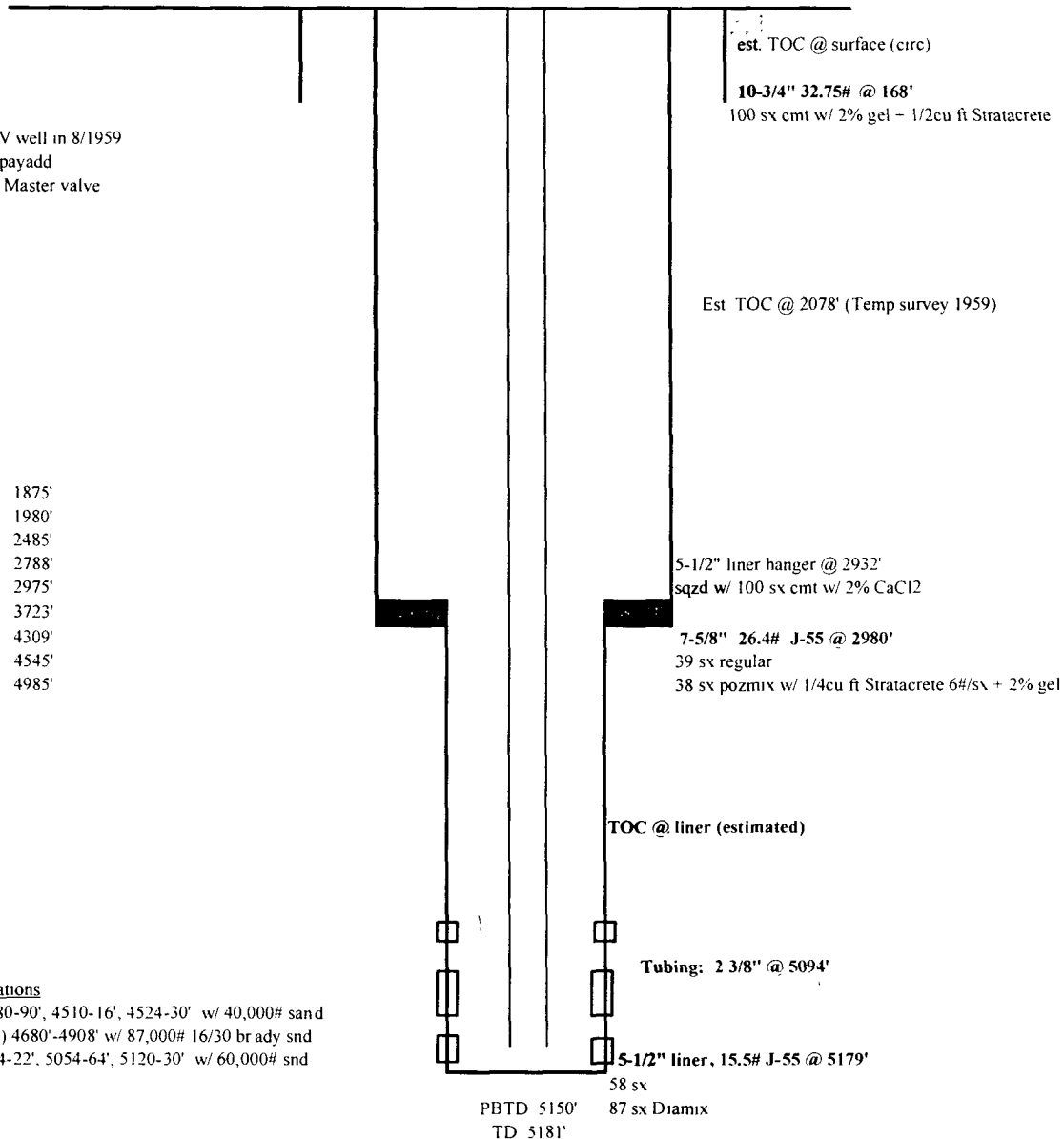
Ojo Alamo	1875'
Kirtland Shale	1980'
Fruitland	2485'
Pictured Cliffs	2788'
Lewis Shale	2975'
Chacra	3723'
Cliffhouse	4309'
Menefee	4545'
Point Lookout	4985'

Mesaverde Perforations

CH 4438'-40', 4480'-90', 4510'-16', 4524'-30' w/ 40,000# sand

Menefee (30 shots) 4680'-4908' w/ 87,000# 16/30 brady snd

PL 4984'-92', 5004'-22', 5054'-64', 5120'-30' w/ 60,000# snd



updated 06/03/2008 AR

Proposed P&A Plug Set

Russell LS 4

Sec 24GT28N, R8W

API # 30-045-07319

GL 6223'

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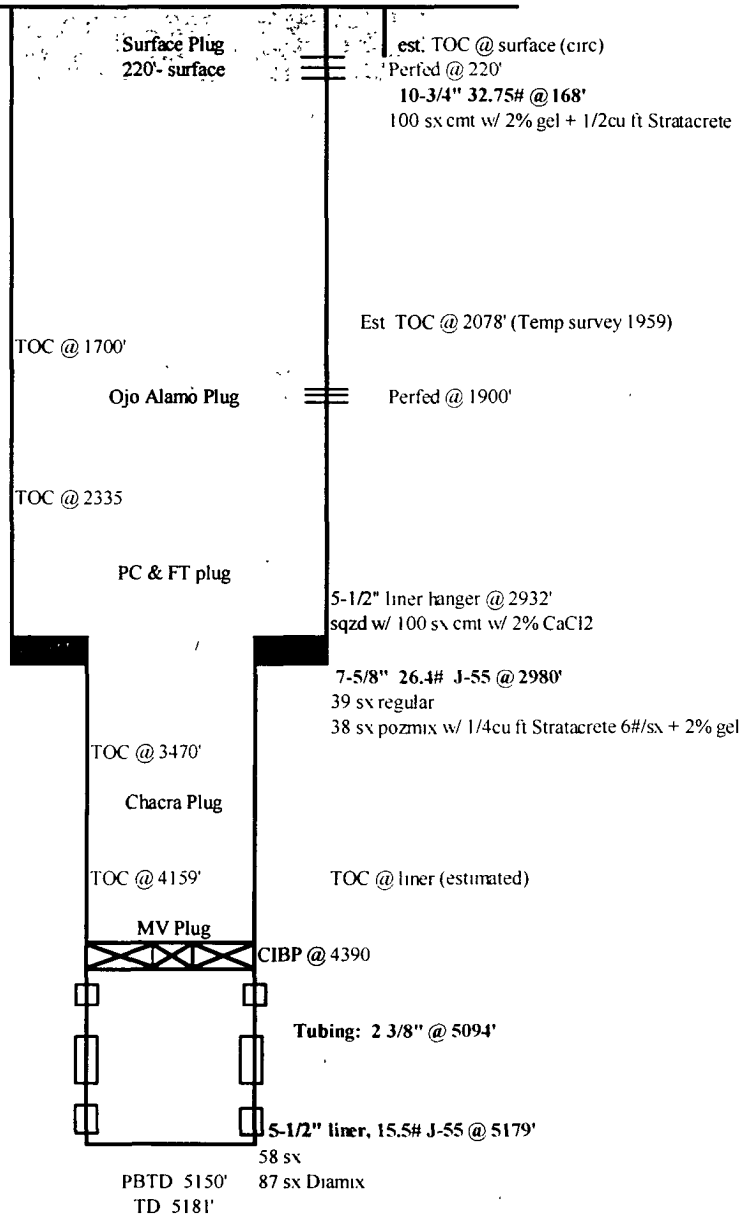
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Menefee (30 shots) 4680'-4908' w/ 87,000# 16/30 brady snd

PL 4984-92', 5004-22', 5054-64', 5120-30' w/ 60,000# snd



updated 06/03/2008 AR

**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: 4 Russell LS

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 Chacra plug from 3780' – 3575'.
 - b) Place the 7 5/8" Casing Shoe/ 5 1/2" Liner Top/Pictured Cliffs/Fruitland plug from 3030' - 2335'.
 - c) Place the Kirtland/Ojo Alamo plug from 2029' – 1789' inside and outside the 5 1/2" casing.
 - d) Place the Nacimiento/Surface plug from 466' to surface inside and outside the 5 1/2" 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.