

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.5. Lease Serial No.
NMNM03566

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.8. Well Name and No.
STEWART LS 29. API Well No.
30-045-09291-00-S1

10. Field and Pool, or Exploratory

~~WILDCAT~~
Antec 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

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

- ☐
- Acidize
-
- ☐
- Alter Casing
-
- ☐
- Casing Repair
-
- ☐
- Change Plans
-
- ☐
- Convert to Injection

- ☐
- Deepen
-
- ☐
- Fracture Treat
-
- ☐
- New Construction
-
- ☒
- Plug and Abandon
-
- ☐
- Plug Back

- ☐
- Production (Start/Resume)
-
- ☐
- Reclamation
-
- ☐
- Recomplete
-
- ☐
- Temporarily Abandon
-
- ☐
- Water Disposal

- ☐
- Water Shut-Off
-
- ☐
- Well Integrity
-
- ☐
- 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 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.)

Sept. 2009 Compliance

The above mentioned well has been on the NMOCD Inactive Well List in previous years. BP has looked at up hole production and finds little or no future potential for said well.

BP respectfully requests permission to P&A the entire well bore. Please see the attached procedure.

RCVD AUG 19 '09
OIL CONS. DIV.
DIST. 3

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

**Electronic Submission #73130 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 08/18/2009 (09SXM0164SE)**

Name (Printed/Typed) CHERRY L HLAVA

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/12/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON

Title PETROLEUM ENGINEER

Date 08/17/2009

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 ******NMOCD**



BP - SJ Basin Proposed P&A Procedure
30-045-09291

Well Name: Stewart LS 2
Date: August 11, 2009
Location: Unit M Sec 20-T30N-R10W
Engineer: Matt Mientka

Objective: Plug and Abandon PC well due to poor economics and future Compliance risk.

1. Pull out of hole and lay down with 1 1/4" completion.
2. Set CIBP above PC perfs
3. Log 3 1/2" with CBL, locate Top of Cement.
4. Back off 3 1/2" casing if possible and work in 5 1/2" casing.
5. Log 5 1/2" casing with CBL, location Top of Cement.
6. Spot cement plugs across gas and fresh water zones.
7. Cement surface of 5 1/2" casing.
8. Remove wellhead and reclaim location.

Procedure

1. Contact BLM and NMOCD 24 hrs before beginning P&A process to ensure scheduling of personnel to witness casing pressure testing, CBL results and cement placement.
2. MIRU workover rig. Test BOPs.
3. Kill well. POOH with 1 1/4" tubing and lay down.
4. Pick up and RIH with 2 3/8" work string and casing scraper for 3 1/2" casing. Run scraper to ~2660'. POOH
5. Pick up plug and setting tool and RIH and set CIBP @ +/- 2650'.
6. Run CBL from CIBP' to surface. Find TOC behind 3 1/2" and contact engineer to discuss any remedial cement squeeze work or any problems locating TOC.
7. RIH with 2-3/8" open-ended workstring to ~2650'. Pump and displace ~5 cu. ft of G-Class cement from 2650' to 2600'. This will isolate the Pictured Cliffs formation with a 50' plug + ~50' excess and a mechanical barrier. WOC.
8. Free point and back off 3 1/2" casing. Contact engineering with back off depth; discuss any remedial work based on TOC and top of backed off 3 1/2" casing.
9. Run CBL from CIBP' to surface. Find TOC behind 5 1/2" and contact engineer to discuss any remedial cement squeeze work based on TOC.
10. RIH with 2-3/8" open ended work string. Based on 3 1/2" casing pull, pump necessary G-class cement to fill casing from 2550' - 2200' (plus ~50' excess). This will isolate the Fruitland Formation.
11. *→ 3 1/2" casing stuck 100' plug if not within the above plugs.*
RIH with 2-3/8" open-ended work string to 1800'. Pump and displace ~55 cu. ft of G-Class cement from 1800' to 1450'. This will isolate the Ojo Alamo formation with a 350' plug and ~50' excess. WOC *1494' - 1284' inside outside*
12. RU wireline w/ Deep firing perforating gun and RIH to 187' and perforate. Attempt to circulate down casing and out 5 1/2" X 9 5/8" annulus. Pump cement necessary to cement 5 1/2" casing to surface.

12 Cut off extra 5 1/2" casing top off with cement Remove wellhead and Place P&A marker


bp			
WELL NAME: Stewart LS 2		SPUD DATE: 08/17/51	
LOCATION: 990' FSL 1065' FWL		RIG REL: 09/08/51	
SEC/TWN/RNG 20 T30N R10W		COMP DATE:	
COUNTY, S		API#: 30-045-09291	
<div style="display: flex; justify-content: space-around;"> <div> <p>9%</p> <p>BCPD</p> </div> <div> <p>NRI: 82.5%</p> <p>BWPD</p> </div> <div> <p>MCFD</p> <p>1,005</p> </div> </div>		Stewart LS 2	
OLD PRODUCTION CASING DESIGN 5 1/2" H-40 14#/ft SET @ 2650' CEMENT 200sx cmt TAIL IN W/ TOC Det. By			
PRODUCTION CASING DESIGN 3 1/2" J-55 9 2# SET @ 2743' CEMENT W/ 71 sx Class 'B' w/ 57 #/sx Spearlite and 2% KCl TAIL IN W/ CMT TOP @ 2150' DETER. BY Temp			
PERF. DATA: SPF FORM. 1 2660' - 2714' 2 PC			
TUBING DATA 1 1/4" 1 66#/ft			
SET @ 2712' PACKER S.N ID / @		3 1/2" @ 2743' w/ 71 sx TOC @ 2150' (temp)	
FRAC JOB: (1) - PC - 57,400 gal 70% N2 Foam w/ 20# gel and 97,200# of 20/40 sand. Average 20BPM @ 2300psi. ISIP 1050psi			
NOTES: Originally drilled to 2640 and cable tools were used to 2741' 200 qts of nitro were used to complete open hole pc. In 1985, 3 1/2" casing was run across PC to 2743' Well was then perf'd and frac'd			
Prepared By: Matthew Mientka Date: 10-Jul-09			

Figure 1: Current Well Schematic for the Stewart LS 2

Send Email

From: smason@blm.gov

To: hlavacl@bp.com

CC:

Subject: Well STEWART LS 2

The sundry for Plug and Abandonment you submitted has been approved by the BLM. Your original EC transmission was assigned ID 73130. Please be sure to open and save all attachments to this message, since they contain important information.

Message:

Change to P&A procedure:

- 1) Place a cement plug across the 3 1/2" casing stub if it is above the Fruitland plug top @ 2200'.
- 2) Place the Kirtland/Ojo Alamo plug from 1494' - 1284' inside and outside the 5 1/2" casing.
- 3) H2S monitoring equipment and personnel must be on location during P&A operations due to high potential of H2S in the area.

Attachments:

EC73130.pdf

Approved By:

STEPHEN MASON

PETROLEUM ENGINEER

Status: Queued to Send
2009-08-18 06:48:29

18-Aug-2009 06:48

**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: 2 Stewart 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 a cement plug across 3 ½" casing stub if it is not within the Fruitland plug in step #10.
 - b) Place the Kirtland/Ojo Alamo plug from 1494' – 1284' inside and outside the 5 ½" casing.
 - c) H2S monitoring equipment and personnel must be on location during P&A operations due to high potential of H2S in the area.

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.