

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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. SF-078566	
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address HOUSTON, TX 77079		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281-366-4491		8. Well Name and No. STOREY LS 1	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T28N R8W NWNE 890FNL 1550FEL		9. API Well No. 30-045-07183	
		10. Field and Pool, or Exploratory BLANCO MV / OTERO CH	
		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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 recompleate 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 recompleation 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.)

Original application to recompleate subject well into the Chacra formation and downhole commingle with the existing Mesaverde formation was filed on 04/28/2004, and approved on 07/14/2004.

BP request permission to amend our application to complete into the Chacra formation and downhole commingle with the Mesaverde as per the attached procedure. Please note this amendment is to perforate cement squeeze holes at 4,000'. RIH w/cement retainer and set at 3,900'. Squeeze annulus w/ 32.8 bbls cement below retainer. Circulate residual cement off top of retainer. Run CBL from PBDT to 1,500 to confirm TOC is +/-2,500?. These amendments are reflected in items 9 thru 15 on the attached amended procedure.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #51720 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 12/15/2004 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 12/09/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>Joe Hewitt</u>	Title <u>Acting Team Lead</u>	Date <u>12-16-04</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>FDO</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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Storey LS # 1
Amended Procedure
Chacra Completion and Downhole Commingle with Mesaverde
December 9, 2004

Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop, or plug set in nipple) for isolation.
6. RIH and tag fill, Tally OH with tubing string. Visually inspect tbg while POOH.
7. Contingency: *If the 2-3/8" tubing is in poor condition, replace entire tubing string.*
8. RIH w/ bit and scraper for 4-1/2" casing to PBTD at 4911'.
9. Set CIBP at +/- 4,100'.
10. Load well with 2% KCl. Pressure test casing to 2500 psi with rig pumps. 80% burst is 3832 psi for 10.5 ppf, K-55 casing.
11. RIH w/ tubing punchers designed to perforate through 4-1/2", but not 7". Perforate cement squeeze holes at 4,000'.
12. RIH w/ cement retainer and set at 3,900'.
13. Squeeze annulus w/ 32.8 bbls cement below retainer. Circulate residual cement off top of retainer.
14. Run CBL from PBTD to 1,500 to confirm TOC is +/- 2,500'.
15. RIH with 3-1/8" casing guns. Perforate Chacra formation 4 SPF at: 3677, 3671, 3651, 3642, 3635, 3630, 3625, 3615, 3542, 3537, 3531, 3510, 3504, 3495, 3489 (correlate to GR log).
16. RU tree saver and frac equipment.

17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures ≤ 3000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill and drill bridge plug previously set. C/O to PBTD at 4911'. Blow well dry at PBTD.
20. Rabbit tubing and RIH with 2-3/8" production tubing (muleshoe sub, 1.78" F-nipple, 4 ft pup, 1.875" X-nipple with plug in place). Fill tubing with water while RIH and test to 500 psi or test with air unit to 500 psi if on location.
21. Land 2-3/8" production tubing at +/-4823'. ND BOP and NU WH. During master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree.
22. Swab down tubing or blow dry with air foam unit.
23. RU slickline unit. Run 1.9" OD gauge ring for 2-3/8" tubing. Pull plug. Flow well up tubing long enough to verify it will not log off. Set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
24. Test well for air.
25. Return well to production.

Storey LS #1

Sec 27, T28N, R8W

API # 30-045-07183

GL: 6048'

History:

Completed in 7/54

WO in 11/94 Deepen

Mesaverde Perforations

Cliff: 4196' - 4296' 110 shots w/ 122,700#'s sand

PL: 4482' - 4604' 11 shots w/ 200,800#'s sand

PL: 4638' - 4872' 230 shots w/ 200,800#'s sand

yr 1994

