

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. NM - 012200
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		7. Unit or CA/Agreement, Name and/or No
3b. Phone No (include area code) 281-366-4491		8. Well Name and No Dryden LS 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1015' FSL & 964' FWL Sec 28 T28N R08W		9. API Well No 30-045-07098
		10. Field and Pool, or Exploratory Area Blanco MesaverdeV & Otero Chacra
		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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Abandon
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Other	Bradenhead

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.

BP America respectfully requests permission to perform bradenhead repair on the subject well as per the attached procedure

Should you have any questions please call Andrew Berhost @326-9208

RCVD JAN 15 '08
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct	
Name (Printed/typed) Cherry Hlava	Title Regulatory Analyst
Signature <i>Cherry Hlava</i>	Date 1/9/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date JAN 11 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.		
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

SJ Basin Bradenhead Repair Procedure

Well Name: Dryden LS 1 API #: 30-045-0709800

Location: T28N-R8W-Sec28M

County: San Juan

State: New Mexico

Horizon: Mesaverde

Date: January 9, 2008

Engr: Andrew Berhost ph (505) 326-9208

Objective: Run Scraper run, Set CIBP, Load Hole, Run CBL on 2-7/8" casing, Perforate and Squeeze set volume on 2-7/8" casing, Pressure test plug, Drill out plug, Pressure test casing, Run CBL to confirm new cement top, Drill out CIBP, Clean out Wellbore, return to production.

1. Run Scraper to top of MV perforations
2. Set CIBP and load hole – Pressure test
3. Run CBL to confirm top of cement behind 2-7/8" casing
4. Perforate 2-7/8" casing 20' above TOC from CBL
5. Run cement retainer and squeeze 2-7/8" by 7" annulus with 58cu. ft. Class G cement
6. WOC 24hrs. Pressure test plug to 500psig
7. Drill out plug and pressure test casing to 500psig
8. Run another CBL to confirm new top of cement
9. Drill out CIBP and cleanout to PBTD
10. Return well to production.

Well History:

Well open hole completed in 1953. Ran 2-7/8" casing in 1965 – well has intermediate casing pressure on well that needs to be shut-off. Suspect gas migrating into 2-7/8" x 7" casing annulus thru the 7" open casing shoe. Plan to squeeze 200' cement volume at 7" casing shoe to shut-off this pressure migration. Well is a low rate producer but has plenty of reserves remaining in well.

Procedure: Notify BLM and NMOCD 24 hours prior to beginning cement repair 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. Check and record casing, intermediate casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings. Well is a tubingless completion.
4. Open well and monitor/record pressures both casing and intermediate pressures.

5. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
6. Blow down well. Kill with 2% KCL water. This is a tubingless completion the well will have to be killed.
7. 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 down the casing.**
8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above max expected BHP of 750psig. Monitor flowing casing pressure with gauge throughout workover.
9. RIH w/ 1-1/4" work string with mill and w/ 2-7/8" scraper. Work scraper down casing to top of MV perforations at 4402'. POOH w/ scraper.
10. RIH w/ CIBP and set 50' above MV perforations (4350') to prep for repair work. Pressure test bridge plug by loading hole w/ fluid then role hole. POOH w/ workstring.
11. RU WL and run CBL to check TOC behind the 2-7/8" casing (Top expected at 3840' based on 1965 temperature survey – 70% effective calculated top using 1.1cu. ft./sx yield is at 3110'). Review results with agency reps and engineer.
12. If cement top is less than 200' above the 7" casing shoe (3715') then RU WL and perforate 20' above TOC noted in CBL report. If cement is above 3500' then 2-7/8" casing will need to be backed-off and pulled for remedial work. RD WL.
13. RIH w/ 1-1/4" workstring and 2-7/8" cement retainer. Set retainer 20' above perforations shot in step 12.
14. Pump and displace 60 cu. ft. of G-Class cement below retainer – this will add a minimum of 200' of cement to cover the 7" casing shoe. NOTE: DO NOT circulate cement to surface behind 2-7/8" casing and DO NOT pump more cement than specified as this could cement off the 2-7/8" by 7" annulus – the intent is only to spot a plug behind the 2-7/8" casing to cover the 7" casing shoe and shut-off any gas migration originating from that depth. WOC.
15. Test intermediate annulus after an overnight shut-in and note pressures on casing, intermediate, and bradenhead annulus. If the intermediate casing annulus shows pressure then further remedial cement work will be required (2-7/8" casing will have to be backed-off). If no intermediate pressure is showing than proceed with drilling out the retainer and cement inside the 2-7/8" casing.
16. After drilling out cement inside 2-7/8" casing – test casing to 500psig and mark on a chart.
17. RU WL and run another CBL log to note the new top of cement behind 2-7/8" casing.
18. Drill out CIBP and cleanout to PBTD of 4429'. POOH w/ workstring.

19. Check all casing string for pressure. The operations of removal of wellhead and installation/removal of BOP's will be performed under a dispensation for one (1) barrier on the backside.
20. ND BOP's. NU Wellhead. Pressure test Wellhead.
21. Test well for air. Return well to production. RD and release all equipment. Remove all LOTO equipment.
22. Ensure all reports are loaded into DIMS. Print out summary of work and place in well file. Have discussion with production about particulars of well when handing off the well file.

Dryden LS 1

Sec 28, T28N, R8W

API # 30-045-07098

GL 5812'

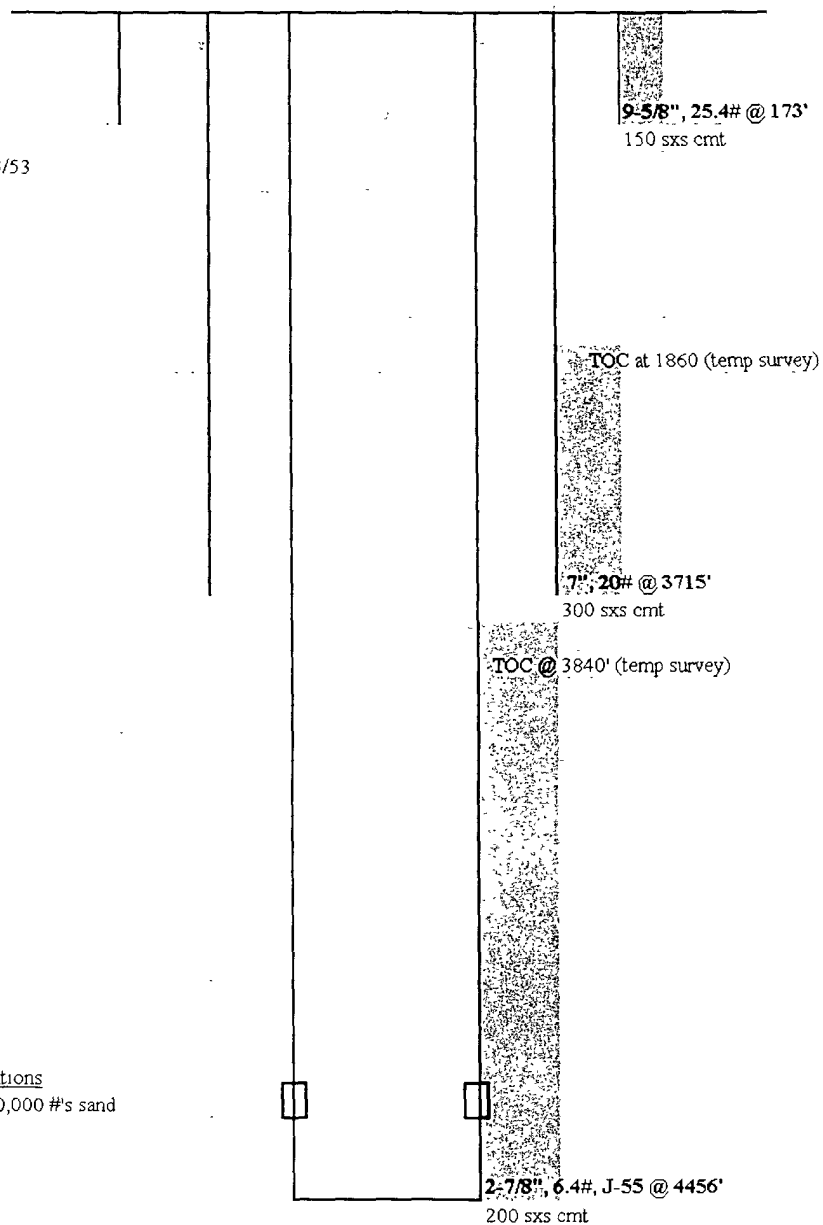
History

Completed OH in 3/53

2-7/8" run in 9/65

Mesaverde Perforations

4402' - 4418' w/ 20,000 #'s sand



updated 12/19/07 ADB