

# Negative Testing Procedures April 12 – April 20, 2010

April 12

bp  
GoM E  
MC 252 #1ST00  
7" x

9.3 Lead Impression / Lockdown S  
9.3.1 Surface Cement Plug

1. Prepare to run the lead impression procedures.
  - A minimum of 40k buoyed
  - 5-1/2" 21.9 ppf x 5-1/2" HV
2. RIH to the wellhead
3. Set down to neutral weight and
4. Line up to pressure down the
5. Pressure up to 2500 psi and h
6. Allow pressure to bleed off an
7. PU to full string weight
8. Pressure up down drill pipe ur
9. Pressure will bleed off quickly.
10. Retrieve the LIT and ensure in
11. Prepare the Lockdown sleeve
  - 100k air weight tail pipe
  - 5-1/2" 21.9 ppf x 5-1/2" HV (x-overs are available)
12. Record PU/Slack off weights
13. Slow slack off and land the LDS
14. Set down 72k (do not exceed
15. Close pipe rams and line up to
16. Pressure up to 6400 psi assure than 100 psi loss)
17. Bleed off pressure and open r
18. Pressure up to 1000 psi, follow 300 psi) hold for 5 minutes
19. Bleed pressure to 0
20. Repeat pressure build sequen
21. Pull 30k over string weight (do
22. Release from LDS by picking
23. POOH and prepare to set a 2

Rev. H.1

HIGHLY CONFIDENTIAL

TREX 836-10

TREX-00537

April 14

EXHIBIT # 537  
WIT:

From: Morel, Brian P  
Sent: Wed Apr 14 19:24:50 2010  
To: Sepulvado, Ronald W  
Subject: RE: Forward Ops  
Importance: Normal

Forgot that one on the list, test pressure we submitted to the MMS is 2500

From: Sepulvado, Ronald W  
Sent: Wednesday, April 14, 2010 2:19 PM  
To: Morel, Brian P  
Subject: RE: Forward Ops

1) Will we have to test casing before setting surface cement plug

From: Morel, Brian P  
Sent: Wednesday, April 14, 2010 2:07 PM  
To: Wilson, James N (ASCO); Sepulvado, Ronald W  
Subject: Forward Ops

Nick,  
Below are plans forward. Could you please update the 5 day planner to be shortly. Ronnie anything you see that we should do differently based on

Run BSWC #3  
Make close-out run to 18360' / short trip and CBU at 18,360'  
POOH and retrieve wear bushing  
Run tapered long string  
POOH with landing string  
RIH set wear bushing continue to 8367' set 300' cement plug  
Wait on cement / tag TOC with 1 sk  
**Negative test with base oil in kill/choke line to the wellhead**  
POOH to 6000'  
Displace to seawater  
POOH and wash wellhead on the way out  
Run lead impression  
Run lockdown sleeve  
Pull Riser

If we don't have cement returns or lift pressure we will run a IBC/CBL lead impression wear bushing, then pull it after any remedial work is completed and the IBC/CBL is included in this, but just wanted to make sure everyone was aware that this morning and should come out with the liner hanger (wear bushing / IBC/CBL)

Brian

TREX 537-1

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April 16

Temporary Abandonment Procedure  
Macondo – MC 252 #1  
Deepwater Horizon

Current Status:  
Making wiper trip prior to running a long string of 9

Forward Plan:  
Run casing to 18,300' +/- per approved APD. Test c

Temporary Abandonment Procedure, (estimated sta

1. **Negative test casing to seawater gradient eq**
2. THH with a 3-1/2" stinger to 8367'.
3. Displace to seawater. **Monitor well for 30 m**
4. Set a 300' cement plug (125 cu.ft. of Class H

The requested surface plug depth deviates from the original design, due to the casing being damaged by the LDS sealing area, for future reference.

This is a Temporary Abandonment only.

The cement plug length has been extended to 300'.

5. POOH.
6. Set 9-7/8" LDS (Lock Down Sleeve)
7. Clean and pull riser.
8. Install TA cap on wellhead and inject wellhead inhibitor below TA cap.

Temporary Abandonment Procedure, Rev A.4x

TREX 50089-3

April 20

EXHIBIT # 547  
WIT:

From: Morel, Brian P  
Sent: Tue Apr 20 15:36:07 2010  
To: Vidrine, Don J; Kaluza, Robert; Lambert, Lee; Lee, Earl P (Oper Svcs Drill)  
Subject: Ops Note  
Importance: Normal

1. Test casing per APD to 2500 psi
2. RIH to 8367'
3. Displace to seawater from there to above the wellhead
4. **With seawater in the kill close annular and do a negative test**
5. Open annular and continue displacement
6. Set a 300' cement plug
7. Drop net ball and circulate DS volume
8. Spot corrosion inhibitor in the open hole
9. POOH to wellhead and wash with the 3-1/2" / do not rotate
10. POOH and make LIT / LDS runs
11. Test casing to 1000 psi with seawater (non MMS test / BP DWOP)
  1. Confirm bbbs to original casing test (should be less due to volume and fluid compressibility – seawater vs sobm)
  2. Plot on chart / send to Houston for confirmation

TREX 547-1

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