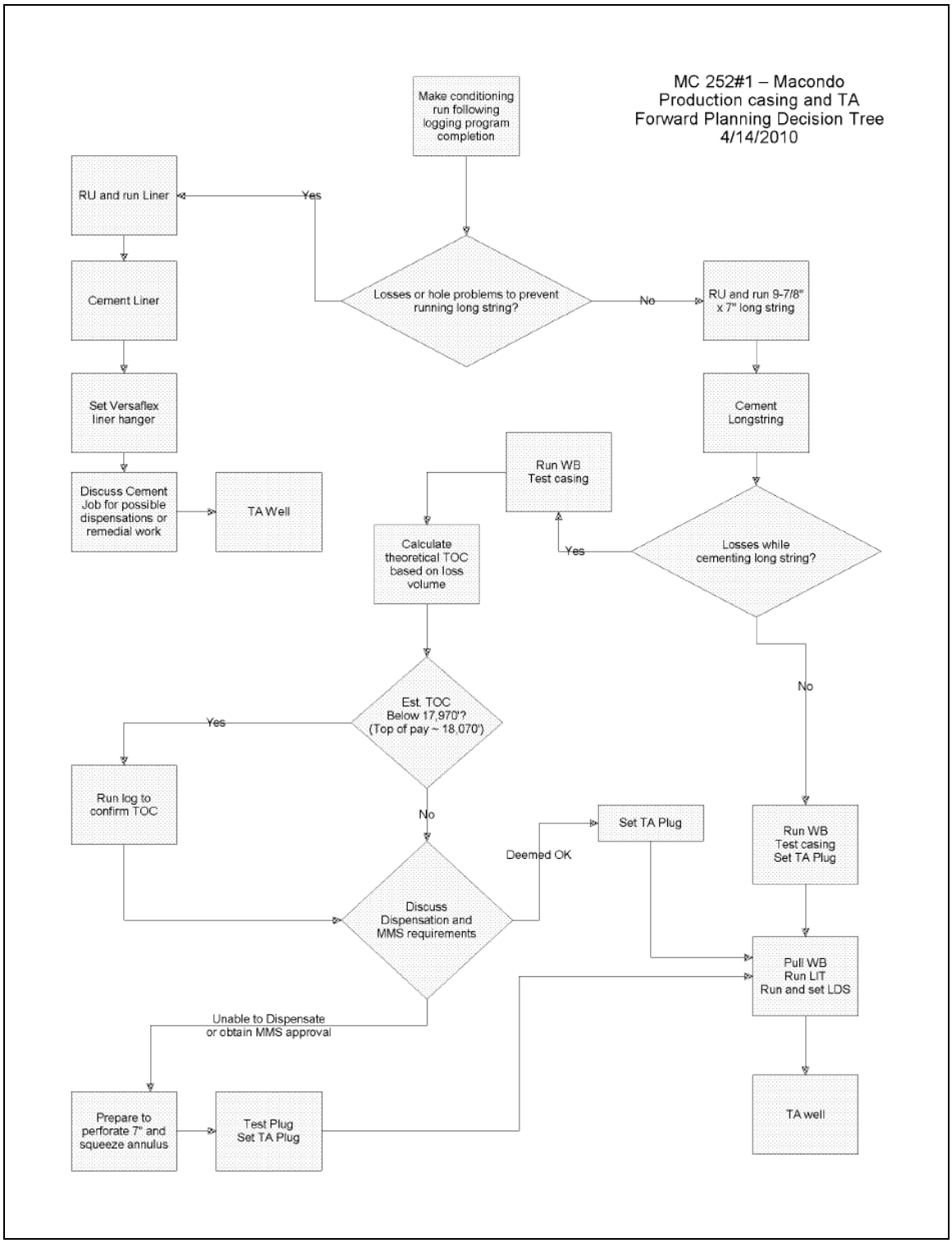
Appendix L: Production Casing Cement Job Decision Tree


MC 252#1 – Macondo
Production casing and TA
Forward Planning Decision Tree
4/14/2010
Make conditioning run following logging program completion
Losses or hole problems to prevent running long string?
Yes
No
RU and run Liner
Cement Liner
Set Versaflex liner hanger
Discuss Cement Job for possible dispensations or remedial work
TA Well
RU and run 9-7/8" x 7" long string
Cement Longstring
Losses while cementing long string?
Yes
No
Run WB Test casing
Calculate theoretical TOC based on loss volume
Est. TOC Below 17,970'? (Top of pay ~ 18,070')
Yes
No
Run log to confirm TOC
Discuss Dispensation and MMS requirements
Deemed OK
Set TA Plug
Run WB Test casing Set TA Plug
Pull WB Run LIT Run and set LDS
TA well
Unable to Dispensate or obtain MMS approval
Prepare to perforate 7" and squeeze annulus
Test Plug Set TA Plug