

RIVERBEND 37-12

CommandButton1

- 0 ANNULAR FILL
- 0 NO GYRO NECESSARY
- 1 Call AUTOMATION REMOVAL GROUP at least 24 hr prior to rig move. Request they isolate production equipment and remove any automation prior to rig MIRU.
- 2 MIRU WL. RIH and retrieve bumper spring. RIH sinker bar and tag bottom. RDMO WL.
- 3 Prepare location for base beam equipped rig. Install perimeter fence as needed.
- 4 Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL.
- 5 MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Function test and document.
- 6 MIRU EMI services. EMI while TOOH tubing string, SB (consists of 240 jts 2-3/8" J55 4.7#/ft tubing, SN, NC). LD any jts >35% wall loss/penetration. Record jt number and depth in OW production equipment failure report.
- 7 MIRU WL. PU and RIH gauge ring for 4-1/2" 11.6#/ft I80 casing to 7828'. RDMO WL.
- 8 PU and TIH RBP for 4-1/2" 11.6#/ft I80 casing, set at 7200' (Collars 7180' and 7222'). Roll hole using water containing biocide. PT plug to 1,000 psi for 15 min. If successful, dump 2 sx sand on RBP.
- 9 TOOH tubing string, SB.
- 10 ND BOP, ND TH. Remove topnut from surface casing head including packoff and plates if applicable.
- 11 Makeup handling sub for 4-1/2" casing if necessary. Unland 4-1/2" casing making sure to not exceed 129M lbs, remove slips, NU QDF on scsg head and dual entry flange.
- 12 NU BOP on annular side, function test and document. Ensure BOP has rams for 1.66" 2.33 #/ft J55 IJ tubing

ENGINEER: Hindman, Tyler

CONTACT NUMBER: 970-506-5945/806-782-6032

WELLNAME: RIVERBEND 37-12

NB TOP: 7252'

CMT TOP: 2390'

STAGE CEMENT? (YES/NO, DV TOOL DEPTH, TOC AND BOC): YES/DV @ 7828'

GYRO DATE: 2012

LAST CSG PRESSURE TEST (PSI_Date): 6000 PSI/FEB 2012

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- 13 PU and TIH 1.66" 2.33 #/ft J55 IJ tubing to 1750+/-'. Ensure hoses are routed to allow returns from bradenhead.
- 14 Initiate circulation with 2 sweeps of Alcomer 74L while TIH. Continue to circulate annulus until clean returns and dead annular.
- 15 Spot 40 BBL 10 ppg mud at 1750'
- 16 PUH to 1550'.
- 17 MIRU cementers. Spot 5bbl biocide water, 20 bbl SMS, 5 bbls biocide water, 250 SX Type III w/cello flake and CaCl₂ as deemed necessary Mixed at 14.8 ppg and 1.33 cuft/sk. Cement coverage designed for 1550' to 935'. Excess of 20% on 9.5" hole.
- 18 TOO, LD tubing. RDMO cementers.
- 19 ND BOP, Dual entry flange and QDF, reland casing in slips, NU starting head/top nut.
- 20 NU 5,000 psi tubing head on 4-1/2" casing.
- 21 NU BOP on tubing head, function test and document. Ensure dies are 2-3/8" dies for production tubing.
- 22 Leave well shut in overnight.
- 23 Circulate any gas from hole using water containing biocide.
- 24 MIRU WL. PU and RIH CBL/CCL/VDL to 2600', log to surface (INCLUDE TRANSIT TIME ON LOG). Before proceeding, send log and discuss (Tyler.Hindman@anadarko.com). Also send logs and invoices to rscDJVendors@anadarko.com within 24hrs of completion. RDMO WL.
- 25 MIRU hydrotester. PU and TIH retrieving head on 2-3/8" tubing to RBP (7,200'+/-), roll hole using water containing biocide. PT casing and tubing head to 5000 psi. RD hydrotester.
- 26 Circulate sand off RBP, latch onto and release. TOO with RBP, SB tubing, LD RBP.
- 27 TIH NC, XN, 240 jts 2-3/8" 4.7#/ft J55 tubing, cleanout to PBMD if WL tag indicates fill.
- 28 Land tubing at 7576'+/-.

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- 29 ND BOP, NU top flange, ensuring to use flanged master valve, XXH nipples and 5,000 psi rated casing valves. Ensure all components are rated to 5,000 psi.
- 30 RU hydrotester. Test from below tubing head, through master valve to 5,000 psi. RDMO hydrotester.
- 31 Broach tubing if time allows, notify foreman of completion. RDMO WO rig.

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