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## SAFETY PREP PROCEDURE

MYRNA 15-12A

### Step Description of Work

1. Notify Automation Removal Group at least 24 hours prior to rig move. Request they catch and remove plunger, isolate production equipment, and remove any automation prior to rig MIRU.
2. MIRU slickline services. Pull bumper spring and tag bottom. Record tag depth in Open Wells.
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. Blow down bradenhead and re-check pressure the next day. Repeat until pressure stays at 0 psi.
5. MIRU WO rig. Kill well as necessary using clean fresh water with biocide. ND WH. NU BOP. Unland tbg using unlanding joint and SB 1830'.
6. MIRU WL. Run gauge ring to 2550'.
7. MIRU WL. RIH with WL set (4.5", 11.6#) CIBP and set at 2500'. POOH.
8. PU and RIH with one 6' 3-1/8" perf gun with 3 spf, .50 EHD, 120° phasing. Shoot 2' at 2200' and 4' at 1800. POOH. RDMO WL.
9. TIH with (4.5", 11.6#) packer and set at 1830' to establish circulation. If circulation can be established, release packer and TOOH SB 2-3/8" tbg.
10. TIH with (4.5", 11.6#) CICR on 2-3/8" tbg and set at 1830'. Establish circulation through squeeze holes with biocide treated fresh water. Circulate a minimum of 200 bbls through squeeze holes.
11. RU cementers. Pump Aquifer Squeeze Plug: 155 sx (240 cf, 43bbl) 14 ppg with GasBlok & 1.55 cf/sk Pump 10 bbls sodium silicate followed by 140 sx. Underdisplace the remaining 2 bbls (~120 ft) on top of the retainer. Cement will cover 2200-1800' on the back side. Volume is based on 400' in 7-7/8" OH from caliper with 50% excess, 370' below retainer in 4-1/2" production casing with no excess and 120' on top of CICR in 4-1/2" casing. Slowly pull up to 1500' and reverse circulate to ensure the tbg string is clean. RDMO cementers.
12. Slowly pull out of cement SB tbg.
13. TIH with 3-1/2" rock bit on 2-3/8" tbg to prepare for drill out after fracs pass through.
14. ND BOP. NU 7-1/6", 5K flanged tubing head adaptor w/ 2-1/16" 5K flanged master valve.
15. MIRU hydrotester. Install 2 3/8" pup joint above master valve. Hydrotest wellhead to 5,000 psi from below tubing head through master valve for 15 minutes.
16. RDMO WO Rig.
17. Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to [rscDJVendors@anadarko.com](mailto:rscDJVendors@anadarko.com) within 24 hours of completion of the job.
18. Supervisor submit paper copies of all invoices, logs, and reports to Evans Engineering Specialist.