

* Check w/ Production and hot oil/water if needed.

1. MIRU PU. Load 2 3/8" prod tbg w/ 2 % KCl water. NU BOP. Test 4 1/2" x 2 3/8" ann to 500 psi.
2. Raise 2 3/8" prod tbg to open bypass on Guib "KVL-30" pkr and equalize pressures.
3. Rlse Guib "KVL-30" pkr @ 5698' (Auto btm). Circ hole w/ 2 % KCl water.
4. POH w/ 2 3/8" CA.
5. RIH w/ 4 1/2" RBP and FBRC pkr on 2 3/8" WS. Set RBP @ 6000'. Test RBP to 500 psi. Dump 3 sx sd on top of RBP. POH. (If 4 1/2" csg leaks above 6000', isolate holes and est PIR w/ MXP 1500 psi. Repair csg as needed. If cmt circ's to surface, omit steps 6 - 9.)
6. Run Free Pipe log f/ 3000' to surface to determine TOC.
7. Perf 4 1/2" csg w/ 4 shots off Free Pipe log to est circ to surf.
8. RIH w/ 4 1/2" FBRC pkr on 2 3/8" WS. Set pkr above sqz holes. PA to 500 psi. Attempt to est circ to surface via 8 5/8" x 4 1/2" ann w/ MXP 2000 psi. POH w/ pkr.
9. RIH w/ CR on WS. Set CR above sqz holes. PA to 500 psi. Cement the 8 5/8" x 4 1/2" ann to surface as needed w/ MXP 2000 psi. POH w/ stinger.
10. RIH w/ 3 7/8" bit, 3 1/8" DC's on WS. DO cmt inside 4 1/2" csg and test to 500 psi. Re-sqz if needed.
11. Wash sd off RBP. POH w/ bit.
12. RIH w/ rtvg hd on WS. Rlse RBP. POH LD 2 3/8" WS & RBP.
13. RIH w/ 2 3/8" CA as before. Circ hole w/ TFW. Set Guib "KVL-30" pkr w/ 12,000 # Compr. Test ann to 500 psi.
14. ND BOP. NU Tree. Test ann to 500 psi.
15. Swab well to kick off flwg and clean up.
16. TOTPS.

DRD

D. R. Dees

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M. Brown
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