

**Union State #1
Proposed Re-entry Procedure**

1. MIRUPU. MI reverse unit & power swivel.
2. Dig out surface pipe & weld on head.
3. Drill out 10 sx surface plug, 75 sx plug 323' - 423', and 75 sx plug 657' to 728' w/ 12 1/4" bit.
4. Dress top of 9 5/8" csg @ 728'.
5. RIH w/ 9 5/8" csg and lead seal csg patch. Latch onto 9 5/8" csg. Land csg. NU head.
6. Drill out plugs in 9 5/8" (728' - 778' and 5,082' - 5,210") w/ 8 3/4" bit.
7. RIH w/ 4 3/4" bit and clean out inside 5 1/2" csg to 6,000'.
8. RU wireline. Run CBL from 5,700' - 5,200' to determine presence of cmt behind 5 1/2". Run cased hole neutron from 5,200 to surf. If CBL shows cmt behind 5 1/2", go to step #11.
9. If no cmt, perf sqz holes @ 5,600'. Set cmt ret @ 5,550'. Cmt 5 1/2" 5,600 - 5,200'. String out & POOH. WOC.
10. DO cmt in 9 5/8". DO cmt in 5 1/2". Circ clean.
11. Perf & acidize 5,420' - 5,440'. If non-productive, set CIBP @ 5,100' and dump cmt.
12. Test prospective Queen and Yates sands.