

1. Pick up ~853 foot 2 7/8" EUE tubing stinger and crossover to 4" XT-39 drill pipe. TIH to 6,684'
2. Circulate at 450-500 GPM. Circ & condition minimum 2x bottoms up and until mud in properties match mud out.
3. RU Halliburton cementers.
4. Pump 33.48 bbl 13.5ppg TunedSpacer III ahead of cement.
5. Pump 44.6 bbl PlugCem
  - 15.8 ppg PlugCem
    - i. Class G
    - ii. Pump Time of 2.5hrs to 70Bc
  - Volumes calculated off 1.15 ft<sup>3</sup>/sk yield
  - Cement plug length is estimated at 600 ft (TOC is estimated at 6,084')
6. Displace with 5.0 bbl 13.5 Tuned spacer III behind cement, followed by 59.59 bbls mud displacement.
7. Slowly pull out of plug (30'/min) and once free POOH to 5,484' MD (500 ft above the calculated TOC).
8. Circulate 2x DP volume through the DP (long way) to gently (slow pump rate) circulate out any remaining cement.
9. TOOH to 4,581' (400' below the top of the Sussex)
10. Pump a minimum of 7.5 bbls of 14.0 ppg viscous pill with 40-50 YP.
11. Pull up 100 ft to 4,481', reverse circulate a minimum of the DP volume to get remaining viscous pill to surface.
12. Pump 33.48.0 bbl 13.5ppg TunedSpacer III ahead
13. Pump 44.6 bbl PlugCem
  - 15.8 ppg PlugCem
    - i. Class G
    - ii. Pump Time of 2.5hrs to 70Bc
  - Volumes calculated off 1.15 ft<sup>3</sup>/sk yield
  - Cement plug length is estimated at 600 ft (TOC is estimated at 3,881')
14. Displace with 5.0 bbl 13.5 ppg Tuned spacer III behind cement followed by 36.02 bbls mud displacement.
15. Slowly pull out of plug (30'/min) and once free POOH to 3,381' MD (500 ft above the calculated TOC).
16. Circulate 2x DP volume through the DP (long way) to gently (slow pump rate) circulate out any remaining cement.

17. TOOH to 800'
18. Pump a minimum of 7.5 bbls of 14.0 ppg viscous pill with 40-50 YP.
19. Pull up 100 ft to 700', reverse circulate a minimum of the DP volume to get remaining viscous pill to surface.
20. Pump 10 bbl 13.5ppg TunedSpacer III ahead
21. Pump 56.18 bbl PlugCem, until we get cement back to surface
  - 15.8 ppg PlugCem
    - i. Class G
    - ii. Pump Time of 2.5hrs to 70Bc
  - Volumes calculated off 0.94 ft<sup>3</sup>/sk yield.
22. Displace to the cement to prevent pulling wet.
  - This calculation will be the length of Halliburton's iron times the capacity of their iron
23. Slowly pull out of plug (30'/min)
24. POOH and lay down 2 7/8" stinger and crossover.