

Union Pacific 11-21 – Add Perforations Procedure

Overview: This workover will not begin until we have approval from the ECMC.

Cement Update: TOC in 5" liner is 5,830'

Objective: POOH w/ ESP, tag for cleanout if needed, RIH w/ bit and scrapper to new bottom perf interval (6185'), add new perfs, PU RBP and set around 6,186', RIH w/ packer and set around 6,151', acidize perfs, POOH w/ packer and RBP, RIH w/ ESP, and RTP.

1. MIRU PU, ND WH & NU BOP
1. POOH w/ tbg and ESP, tag for fill and cleanout if needed, RIH w/ bit and scrapper to about 6,186'.
2. MIRU WL truck and perforate 5" liner per engineering recommendations (6,155'-6,185'), RDMO WL truck.
3. PU 5" RBP and set around 6,186'.
4. PU 5" pkr and RIH to 6,151' and set.
5. RU acid company, bullhead acid across perforation interval. RDMO acid company.
6. POOH w/ pkr and RBP, PU ESP and RIH with 2-7/8" tbg.
7. ND BOP, NU WH and RTP.