

## State 35-16 – Bradenhead Procedure

- 1 TIH 2-3/8" tbg with 4.5" RBP (4.5" 11.6# I-80). Set RBP at +/- 7810' (Collars at 7790' and 7832'). Spot 2 sx sand on top of RBP. TOOH with 2-3/8", SB tbg.
- 2 Pressure test RBP to 2,000 psi for 15 minutes. (Pressure test to make sure plug is set correctly)
- 3 ND BOP, un-land 4-1/2" csg, RU dual-entry flange, NU BOP. Stretch calcs show that with a 55,000-lb pull weight there should be 24" of stretch. If casing cannot be safely un-landed, contact engineering for further support.
- 4 PU and TIH with 67 jts 1-1/4" 2.33# IJ tbg to 2000'. While tripping in, run Alcomer 74 sweeps at 1000' and 1300' with a final sweep at 2000'. CBL shows possible obstructions below 1630', if 1-1/4" tbg will not go further down hole contact engineering.
- 5 Circulate 139 bbls with rig pump (Circulate at least 1.5x annular volume from 2000') then displace 26 bbls of 10.0 ppg mud to 2000'.
- 6 TOOH 19 jts 1-1/4" tbg to +/- 1444', LD tbg.
- 7 MIRU cement company.
- 8 Commence pumping cement job consisting of 5 bbls fresh water, 20 bbls sodium metasilicate, 5 bbls fresh water and 36 bbl (115 sx, Calculated for 20% excess based on offset caliper logs with same bit size) of Control Set C (Sanjel blend) mixed at 13.5 ppg and 1.74 cuft/sk blended for a 3 hr pump time (Cement from 1444' to 807').
- 9 Break lines, clean up with fresh water, RMDO cement company.
- 10 TOOH 1-1/4" tbg, circulate clean, LD tbg.
- 11 ND BOP, ND dual entry flange, re-land 4-1/2" csg and NU BOP. Leave well shut in minimum of 24 hours.
- 12 MIRU wire line and run CCL-GR-CBL-VDL from 1600' to 0'. If Fox Hill plug is not above 807', contact engineering for further instructions. Email logs to engineering and [DJVendors@anadarko.com](mailto:DJVendors@anadarko.com). RDMO wire line.

No Stips, Near Erie Highschool

Waste wells in future per VOLT but no dates listed yet.

NPV \$272M

Bradenhead

FH – 1444'-807'