



Great Western Oil and Gas Company

Mitigation Procedure

Wellname: **Winder #1** Prepared By: Ty Woodworth 3/23/2015
Location: **NENW 15 6N 67W** Office Phone:
API: **05-123-11836** Cell Phone: 970-274-9254
Job Supervisor:
Directions:

Surface Casing: 8 5/8" 24# at 348 ft
Production Casing: 4 1/2" 11.6# at 7352 ft
Perfs: 6950 ft - 7257 ft
Tubing: 2 3/8" (J55?) unknown joint count or landing depth
TOC: 6410 ft
Deepest Water Well: 455 ft
Base Upper Pierre: 1200 ft ?
Top Niobrara: 6925 ft

Invoice Coding: Please sign/code all invoices to:
"Detienne 10-202HN, 239HN, 239HC, 242HN" 8420.451

Procedure:

- 1 Check pressures/kill well if needed
- 2 MIRUSU, ND wellhead, NU BOPS
- 3 POOH w/ 2 3/8" tbg
- 4 RIH w/ RBP set at 6850 ft
- 5 Roll gas out of hole, test casing and plug to 500 psi
- 6 POOH tbg
- 7 Run CBL from RBP at 3000' to surface, ensuring hole is full
(Results may eliminate the rest of the procedure)
- 8 ND BOPs and unland 4 1/2"
- 9 NU 8 5/8" flange, split flange, BOPs
- 10 PU and RIH w/ 1 1/4" tbg in annulus circulating
- 11 Attempt to get to 1300 ft and pump 325 sx Type III 1.33 cuft/sx plug to surface
- 12 POOH w/ 1 1/4" laying down
- 13 ND BOPs/land csg in slips/install surface csg head
- 14 NU 5K tbg head and BOPs
- 15 WOC for 24 hrs
- 16 Run CBL from 3000 ft to surface to verify isolation, call with results
- 17 RIH w/ 2 3/8" and retrieving head pressure testing, release RBP at 6850'
- 18 POOH, LD plug
- 19 RIH w/ packer w/ xn-nipple and land 100 ft above top perf
- 20 Land tbg
- 21 Return to production

Please keep CBL, all wireline and cement tickets for subsequent report requirements