

- 1 Provide 24 hour notice of MIRU to Mike Hickey via email at [mike.hickey@state.co.us](mailto:mike.hickey@state.co.us)
- 2 Prepare location for rig to move onto.
- 3 Call Foreman and/or Field Coordinator before rig up to isolate any production equipment.
- 4 MIRU WO rig, pump, & tank. Kill w/ water as needed. ND wellhead. NU BOP's. Unseat landing joint and lay down.
- 5 MIRU Cable, Inc. Run gyro survey(call Derrick @970/301-1939) RDMO cable, inc.
- 6 MIRU wireline services. RIH w/ bridge plug to 7100'. Set bridge plug at 7100' dump 2 sx of cement. TOOH.
- 7 Unseat casing from slips and work casing.
- 8 TIH to 6500' KB w/ free point tool to find free casing and POOH. TIH with jet cutter to cut csg 50' above free point. Estimated TOC 6580' KB.
- 9 RDMO wireline services.
- 10 TOOH and LD 2 7/8" casing. If unable to pull casing contact engineer/COGCC for plugging modifications.
- 11 MIRU cementing services.
- 12 TIH with 2 jnts 1 1/4", 1 1/4" x 2 3/8" crossover, and 2 3/8" working string to 6580' KB. Set cement plug from 6580' KB to 6400' KB. Pump ~2 sx in, 14 sx out, 30 sx above to cover casing stub and cover Niobrara. Displace w/ 12 bbl, PU 10 jnts, reverse circulate w/ 24 bbl. SWI, WOC 4 hours (or overnight), tag cement.
- 13 PUH with working string to 4730' KB. Set cement plug from 4730' KB to 4530' KB. Pump ~60 sx or 12 bbl to cover Sussex. Displace w/ 8 bbl, PU 10 jnts, reverse circulate w/ 33 bbl. SWI, WOC 4 hours (or overnight), tag cement.
- 14 PUH with 2 3/8" working string to 840' KB. Set cement plug from 80' below surface casing shoe to 680'. Pump 50 sx or 10 bbl. POOH. SWI, WOC 4 hours (or overnight), tag cement.
- 15 TIH with 2 3/8" working string, cement 25 sx 80' to surface.
- 16 RDMO cementing services.
- 17 Cut surface casing 5 ft below ground level and weld on cap.
- 18 RDMO WO rig.
- 19 Properly abandon flowlines per Rule 1103.
- 20 Submit Form 6 to COGCC. Provide "As Plugged" wellbore diagram identifying the specific plugging completed.