

## WORKOVER PROCEDURE

**WELL NAME:** MUIRHEAD 01-03 **DATE:** 8/8/2014  
**LOCATION:**  
Qtr/Qtr: NW/SW Section: 1 Township: 4N Range: 65W  
Footages: 1800' FSL & 519' FWL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-13128

**ENGINEER:** JONATHAN POMERANTZ 7 Day Notice Sent: \_\_\_\_\_  
(Please notify Engineer of any major Do not start operations until: \_\_\_\_\_  
changes prior to work) Notice Expires: \_\_\_\_\_

**OBJECTIVE:** P&A

**WELL DATA:** Surface Csg: 8 5/8" 24# @ 345' KB Elevation: 4748'  
Surface Cmt: 115 sx GL Elevation: 4737'  
Long St Csg: 4 1/2" 15.1# @ 7142' TD: 7160'  
Long St Cmt: 190 sx PBTD: 7110'  
Long St Date: 9/3/1986

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations 6758' - 6981'  
Perforation Interval (2): Codell Perforations 7045' - 7060'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" ?# ? tbg @ 7031' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** \_\_\_\_\_  
**COMMENTS:** \_\_\_\_\_

### PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2 3/8" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6708', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off @ 4600'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump 125 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 6) Pump 50 sx courtesy plug @ 2500'. POOH w/ workstring to 560'. Pump 225 sx shoe plug. Cement to surface.
- 7) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 8) Cut surface casing off 6'-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.