

WORKOVER PROCEDURE

WELL NAME: ZANE ALTER C09-21 **DATE:** 8/26/2014

LOCATION: Qtr/Qtr: NE/SW Section: 9 Township: 4N Range: 64W

Footages: 2505' FSL & 2609' FWL

COUNTY: WELD **STATE:** CO **API #:** 05-123-30800

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" 32# @ 607' KB Elevation: 4708'
Surface Cmt: 271 sx GL Elevation: 4695'
Long St Csg: 4 1/2" 11.6# @ 7012' TD: 7025'
Long St Cmt: 600 sx PBTD: 6967'
Long St Date: 2/1/2010

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Niobrara Perforations 6596' - 6762'
Perforation Interval (2): Codell Perforations 6861' - 6874'
Perforation Interval (3): _____
Tubing: 2 3/8" 4.7# J-55 tbg @ 6845' 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 @ 6546', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off @ 1900'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 6) POOH w/ workstring to 710'. Pump 275 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.