

WORKOVER PROCEDURE

WELL NAME: Klein B19-06 **DATE:** 11/5/2016

LOCATION:

Qtr/Qtr: SENW Section: 19 Township: 5N Range: 64W
Footages: 1834 FNL & 2080 FWL

COUNTY: WELD **STATE:** CO **API #:** 05-123-23345

ENGINEER: Garrett Reddin 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# J-55 @ 575' KB KB Elevation: 4635'
Surface Cmt: 405 sx GL Elevation: 4623'
Long St Csg: 4-1/2" 11.6# N-80 @ 7024' KB TD: 7036' KB
Long St Cmt: 150 sx PBTD: 6982' KB
Long St Date: 12/13/2005

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Niobrara Perforations: 6572-6710' KB
Perforation Interval (2): Codell Perforations: 6876-6891' KB
Perforation Interval (3): _____
Tubing: 2-3/8" 4.7# J-55 @ 6865' KB Rods: _____
Pump: _____
Misc.: _____

PRODUCTION STATUS: SI

COMMENTS: _____

PROCEDURE:

- 1) Do Form 17 if not done already.
- 2) MIRU Workover rig, pump & tank.
- 3) POOH w/ 2 3/8" tbg and lay down.
- 4) RU WL. RIH w/ CIBP. Set CIBP @ 6522', dump bail 2 sx of cement on top.
- 6) RIH w/ perf gun. Perforate 4 1/2" casing @ 4538'.
- 7) RIH w/ CICR. Set CICR @ 4438'. Pump 165 sx through and 35 sx on top (TOC ~4000').
- 5) Unland casing. Cut casing off @ 2903'. POOH with casing laying down on trailer.
- 6) RIH w/ workstring to pump 390 sx stub plug where csg was pulled (TOC ~2085'). If maintain circulation, no need to tag
- 7) POOH w/ workstring to 675'. Pump 250 sx shoe plug. Cement to surface.
- 8) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 9) Cut surface casing off 6'-8' below ground.
- 10) Clean up location. Reclaim location. RDMO.