

WORKOVER PROCEDURE

WELL NAME: KRAFT 34-14 **DATE:** 9/3/2014

LOCATION: Qtr/Qtr: SW/SE Section: 14 Township: 1S Range: 65W

Footages: 1202' FSL & 1650' FEL

COUNTY: ADAMS **STATE:** CO **API #:** 05-001-08879

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# @ 167' KB Elevation: 5135'
Surface Cmt: 110 sx GL Elevation: 5125'
Long St Csg: 4 1/2" 11.6# @ 7996' TD: 8000'
Long St Cmt: 275 sx PBTD: 7912'
Long St Date: 10/15/1988

Plug Back (Sand or CIBP): _____
Perforation Interval (1): J Sand Perforations 7867' - 7912'
Perforation Interval (2): _____
Perforation Interval (3): _____
Tubing: 2 3/8" 4.7# J-55 tbg @ 7846' 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 @ 7817' (wait to dump bail cement until after hole loading and CBL).
- 4) Load hole. Run full CBL from CIBP to surface to determine exact depths of uphole cement (approx 1300' - 1117').
- 5) RIH w/ dump bailer. Dump bail 2 sx of cement on top of CIBP @ 7817'.
- 6) RIH w/ perf gun. Perforate 4 1/2" casing @ 7200' and 6700'.
- 7) RIH w/ CICR. Set CICR @ 7100'. Pump 150 sx through and 30 sx on top.
- 8) RIH w/ perf gun. Perforate 4 1/2" csg @ 1550' and approx 1310' (10' below the BOC depth determined by the CBL).
- 9) RIH w/ CICR. Set CICR @ 1450. Pump approx 80 sx through and 25 sx on top (sufficient to cover inside up to TOC).
- 10) RIH w/ perf gun. Perforate 4 1/2" casing @ approx 1107' (10' above the TOC depth determined by the CBL).
- 11) RIH w/ CICR. Set CICR @ 1007'. Pump approx 330 sx through and 80 sx on top. Cement to surface.
- 12) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 13) Cut surface casing off 6'-8' below ground.
- 14) Clean up location. Reclaim location. RDMO.