

WORKOVER PROCEDURE

WELL NAME: FEDERAL J15-23 **DATE:** 5/9/2013

LOCATION: Qtr/Qtr: SWSE Section: 23 Township: 8N Range: 60W

COUNTY: WELD STATE: CO API #: 05-123-14414

ENGINEER: LEAH PERKINS 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# @ 492' KB Elevation: 4922
 Surface Cmt: 300 sx GL Elevation: 4912
 Long St Csg: 4 1/2" 11.60# @ 7004' TD: 7004
 Long St Cmt: 225 sx PBTD: 6933
 Long St Date: 10/1/1989

Plug Back (Sand or CIBP): CICR @ 6933'
 Perforation Interval (1): J Sand Perforations 6924' - 6927'
 Perforation Interval (2): J Sand Perforations 6936' - 6937' (Squeezed)
 Perforation Interval (3): _____
 Tubing: 2 3/8" tbg @ 6924' Rods: _____
 Pump: _____
 Misc.: May have rods in hole. Evaluate when on location

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 @ 6824', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off +/- 5000'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump (100) sx stub plug where csg was pulled. If maintain circulation, do not need to tag plug.
- 6) Pump 50 sx Courtesy Plug @ 2500'. POOH w/workstring to 600'. Pump approx 225 sx shoe plug. Cement to surface.
- 7) RIH. Tag shoe plug. Add cement if needed.
- 8) Cut surface casing off 6'-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.