

## WORKOVER PROCEDURE

**WELL NAME:** FEDERAL J10-23 **DATE:** 5/9/2013  
**LOCATION:**  
Qtr/Qtr: NWSE Section: 23 Township: 8N Range: 60W  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-14882

**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# @ 525' KB Elevation: 4926  
Surface Cmt: 320 sx GL Elevation: 4916  
Long St Csg: 4 1/2" 10.5# @ 7000' TD: 7006  
Long St Cmt: 225 sx PBTD: 7000  
Long St Date: 1/23/1991

Plug Back (Sand or CIBP): **CIBP @ 6910' w/ 1 sx cmt on top**  
Perforation Interval (1): D Sand Perforations 6837' - 6843'  
Perforation Interval (2): J Sand Perforations 6926' - 6984'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" 4.7# J-55 @ 6891' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

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

### PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2 3/8" tbg and lay down.
- 3) Unland casing. Cut casing off +/- 5000'. POOH with casing laying down on trailer.
- 4) RIH w/ workstring to pump (100) sx stub plug where csg was pulled. If maintain circulation, do not need to tag plug.
- 5) Pump 50 sx Courtesy Plug @ 2500'. POOH w/workstring to 625'. Pump approx 250 sx shoe plug. Cement to surface.
- 6) RIH. Tag shoe plug. Add cement if needed.
- 7) Cut surface casing off 6'-8' below ground.
- 8) Clean up location. Reclaim location. RDMO.