

## WORKOVER PROCEDURE

**WELL NAME:** WELLS RANCH PC AA22-03 **DATE:** 4/26/2016  
**LOCATION:**  
Qtr/Qtr: NENW Section: 22 Township: 6N Range: 63W  
Footages: 815 FNL & 1938 FWL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-31895

**ENGINEER:** BRIAN ULMER 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 @ 657' KB Elevation: 4,735  
Surface Cmt: 254 sx GL Elevation: 4,722  
Long St Csg: 4-1/2" 11.6# M-80 @ 6946' TD: 6,956  
Long St Cmt: 635 sx PBTD: 6,894.0  
Long St Date: 5/21/2011

Plug Back (Sand or CIBP): **Sand**  
Perforation Interval (1): Niobrara Perforations: 6463' - 6583'  
Perforation Interval (2): Codell Perforations: 6746' - 6755'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.7# J-55 @ 6731' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** Current production 6 bopd and 30 mcfd. High frac into risk from new HZ.  
**COMMENTS:** Base of Fox Hills - 409'. Deepest water well within 1 mi - 450'.

### PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) Unflange WH and POOH with production tubing.
- 3) RU WL. RIH w/ CIBP and set @ 6413'. Dump bail 2 sx cement on top.
- 4) Unland casing. Cut casing off @ 1800'. POOH w/ csg 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 757'. Pump 250 sx shoe plug. Cement to surface.
- 7) SI, WOC. RIH. Tag shoe plug. Add cmt if needed.
- 8) Cut surface casing off 6-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.