

## WORKOVER PROCEDURE

**WELL NAME:** KAMMERZELL K 6-10 **DATE:** 3/2/2015  
**LOCATION:**  
Qtr/Qtr: NW/SE Section: 6 Township: 4N Range: 66W  
Footages: 2025' FSL & 2087' FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-24421

**ENGINEER:** GREG ANDERSON 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# @ 485' KB Elevation: 4722'  
Surface Cmt: 305 sx GL Elevation: 4709'  
Long St Csg: 4 1/2" 11.6# M-80 @ 7344' TD: 7361'  
Long St Cmt: 970 sx PBTD: 7316'  
Long St Date: 2/21/2007

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Tee Pee Buttes Perforations 6342' - 6390' (Squeezed with 150 sx G cmt)  
Perforation Interval (2): Codell Perforations 7190' - 7206'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" 4.7# tbg @ 7180' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: **TOC @ 1610' (CBL)**

**PRODUCTION STATUS:** **PRODUCING 0 BOPD AND 6 MCFD (1 BOEPD)**  
**COMMENTS:** **WELL HAS BRHD ISSUES. OFFSETTING PDC FRAC - 451' AWAY**

### 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 @ 7140', dump bail 2 sx of cement on top.
- 4) RU WL. RIH w/ CIBP. Set CIBP @ 6292', dump bail 2 sx of cement on top.
- 5) Unland and cut casing @ 600'.
- 6) Establish circulation at surface and pump 240 sx cement through perforations and up annulus. Circulate cement.
- 7) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 8) Cut surface casing off 6'-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.