

## WORKOVER PROCEDURE

**WELL NAME:** SCHAFFER 01 **DATE:** 1/13/2016  
**LOCATION:**  
Qtr/Qtr: SE/SE Section: 21 Township: 4N Range: 66W  
Footages: 660 FSL: & 660 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-12328

**ENGINEER:** JOSH CHEBUL 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# @ 520' KB Elevation: 4758'  
Surface Cmt: 350 - cmt to surface GL Elevation: 4745'  
Long St Csg: 4-1/2" 10.5# @ 7360' TD: 7364'  
Long St Cmt: 250 - cmt to 6068' PBTD: 7351'  
Long St Date: 3/9/1985

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Codell Perforations 7252' - 7268'  
Perforation Interval (2): \_\_\_\_\_  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" 4.70#, J-55 @ 7222' Rods: N/A  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** Producing  
**COMMENTS:** Well is uneconomic to continue to produce.

### 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 @ 7202'.
- 4) RIH w/ workstring to pump 35 sx Balance Plug on top of CIBP to cover Niobrara.
- 5) RIH w/ wireline to shoot squeeze holes at 4500'.
- 6) Set Cast Iron Cement Retainer (CICR) at 4400'.
- 7) Pump 90 sx cement through CICR and place 10 sx on top.
- 8) Unland casing. Cut casing off @ 2500'. POOH with casing and lay down on trailer.
- 9) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 10) POOH w/ workstring to 650'. Pump 205 sx shoe plug. Cement to surface.
- 11) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 12) Cut surface casing off 6'-8' below ground.

Clean up location. RDMOL.