

## WORKOVER PROCEDURE

**WELL NAME:** Gray 01 **DATE:** 12/21/2016  
**LOCATION:**  
Qtr/Qtr: SWNE Section: 14 Township: 2N Range: 64W  
Footages: 1650 FNL: & 1650 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-10426

**ENGINEER:** AJ Paine 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# @ 542' KB Elevation: 4935'  
Surface Cmt: 440 sx GL Elevation: 4926'  
Long St Csg: 4 1/2", 10.5#, K-55 @ 7654' TD: 7680'  
Long St Cmt: 400 sx PBTD: 7583'  
Long St Date: 10/17/1981

Plug Back (Sand or CIBP): Tag fill w/ wireline  
Perforation Interval (1): J Sand Perforations: 7474' - 7510'  
Perforation Interval (2): \_\_\_\_\_  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8", 4.7#, J-55 @ 7445' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: SN and notched collar @ EOT

**PRODUCTION STATUS:** Shut-in  
**COMMENTS:** \_\_\_\_\_

### PROCEDURE:

- 1) Verfiy with AJ Paine that Form 17 has been completed and required samples have been gathered prior to RU.
  - a) Office: (720)587-2374
  - b) Cell: (406)671-4612
  - c) If Form 17 has not been completed, rig foreman to perform Form 17 and recover required samples;
  - d) Direct sample to Precision contact for analysis
- 2) MIRU Workover rig, pump & tank.
- 3) POOH and laydown 2 3/8" tubing.
- 4) RU WL. RIH w/ CIBP. Set @ 7424'
- 5) Load hole and run full CBL.
  - a) If TOC is below 6224' contact AJ Paine (406-671-4612).
- 6) RIH w/ workstring to pump 65 sx balance plug from 7424' (top of CIBP) - 6615' to cover the Niobrara.
- 7) Unland casing. Cut casing off @ 2500'. POOH and laydown 4 1/2" casing.
- 8) RIH w/ workstring to pump 100 sx stub plug from 2550' - 2450'. If maintain circulation, no need to tag plug.
- 9) POOH w/ workstring to 1079'. Pump 380 sx shoe plug. Cement to surface.
- 10) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 11) Cut surface casing off 6'-8' below ground.
- 12) Clean up location. Reclaim location. RDMO.