

## WORKOVER PROCEDURE

**WELL NAME:** HAYTHORN 04-12 **DATE:** 4/20/2016  
**LOCATION:**  
Qtr/Qtr: NW/NE Section: 4 Township: 4N Range: 66W  
Footages: 826 FNL & 1890 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-26669

**ENGINEER:** JOHN HATCH 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# grade? @809' KB Elevation: 4853'  
Surface Cmt: 420 sx GL Elevation: 4841'  
Long St Csg: 4 1/2" 11.60# M-80 @ 7481' TD: 7504'  
Long St Cmt: 1067 sx PBTD: 7462'  
Long St Date: 2/2/2008

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations 7169' - 7190'  
Perforation Interval (2): Codell Perforations 7301' - 7318'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" wt?, grade? @ 7276' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

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

### 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 @ 7119', dump bail 2 sx of cement on top.
- 4) RIH w/ workstring to pump 20 sx stub plug @ 2500'.
- 5) POOH w/ workstring to 909'. Pump 69 sx shoe plug. Cement to surface.
- 6) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 7) Cut surface casing off 6'-8' below ground.
- 8) Clean up location. RDMOL.