

## WORKOVER PROCEDURE

**WELL NAME:** SHABLE 14-11 **DATE:** 8/5/2016  
**LOCATION:**  
Qtr/Qtr: NENE Section: 14 Township: 7N Range: 64W  
Footages: 655 FNL & 664 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-25174

**ENGINEER:** JASON LEHMAN 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# @ 720' KB Elevation: 4838'  
Surface Cmt: 350 sx GL Elevation: 4826'  
Long St Csg: 4-1/2" 11.6# M-80 @ 7197' TD: 7203'  
Long St Cmt: 1229 sx PBTD: 7182'  
Long St Date: 9/8/2008

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations: 6740'-6752'; 6840'-6876'  
Perforation Interval (2): Codell Perforations: 7026'-7038'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.7# J-55 @ 7120' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** Shut in for emissions compliance  
**COMMENTS:** \_\_\_\_\_  
\_\_\_\_\_

### PROCEDURE:

- 1) Confirm that a Form 42 was filed, Form 17 has been performed and sample taken (only if required). If a Form 17 has not been performed, rig foreman to perform Form 17 and necessary sampling if required.
- 2) MIRU Workover rig, pump & tank.
- 3) Unseat pump and POOH with rods and pump, laying down on trailer.
- 4) POOH w/ 2-3/8" tbg and lay down.
- 5) RU WL. RIH w/ CIBP. Set CIBP @ 6690', dump bail 2 sx of cement on top.
- 6) RIH w/ workstring to 2500'. Pump 25 sx balance plug. SI, WOC. Tag TOC. No need to tag if circulation is maintained.
- 7) Unland casing. Cut casing off @ 775'. POOH with casing laying down on trailer.
- 8) RIH w/ workstring to 820'. Pump 260 sx shoe plug where csg was pulled. Cement to surface.
- 9) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 10) Cut surface casing off 6'-8' below ground.
- 11) Clean up location. Reclaim location. RDMO.

**NOBLE ENERGY INC.**  
 SHABLE 14-11  
 NENE 14-7N-64W  
 655 FNL & 664 FEL  
 WELD COUNTY, CO  
 Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
 with PROPOSED P&A  
 8/5/2016

API: 05-123-25174  
 COGCC #

GL Elev: 4826'  
 KB Elev: 4838'

**Spud Date:**

**Surface Casing :**

8-5/8" 24# @ 720'

Cement: 350

TOC: Surface

**TOC @ 800'**

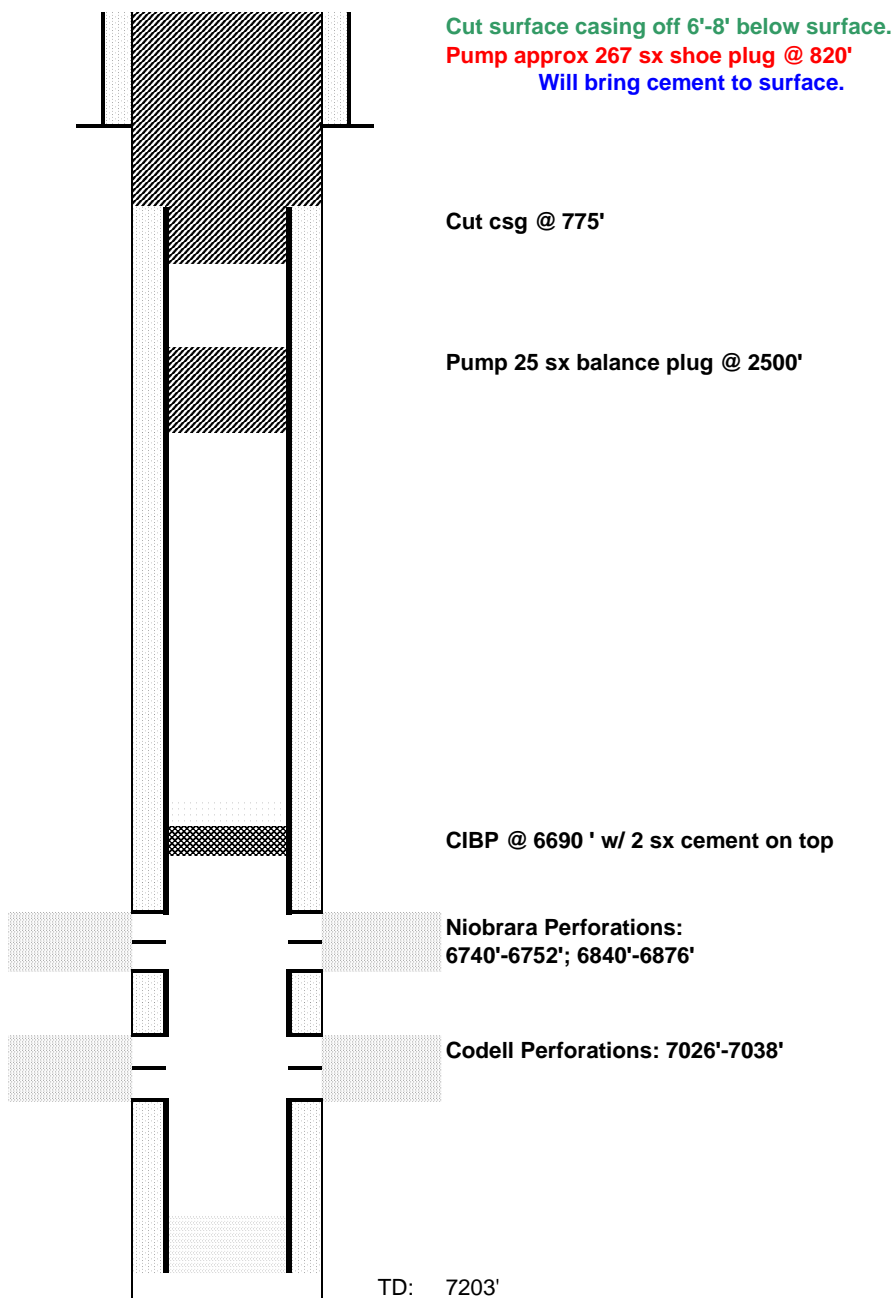
**Nio Top 6709'**

**Production Casing :**

4-1/2" 11.6# M-80 @ 7197'

Cement: 1229

TD: 9/8/2008



Cut surface casing off 6'-8' below surface.  
 Pump approx 267 sx shoe plug @ 820'  
 Will bring cement to surface.

Cut csg @ 775'

Pump 25 sx balance plug @ 2500'

CIBP @ 6690 ' w/ 2 sx cement on top

Niobrara Perforations:  
 6740'-6752'; 6840'-6876'

Codell Perforations: 7026'-7038'

TD: 7203'