

## WORKOVER PROCEDURE

**WELL NAME:** MCKENNEY 14-13 **DATE:** 1/26/2016  
**LOCATION:**  
Qtr/Qtr: SWNE Section: 14 Township: 6N Range: 64W  
Footages: 1945 FNL & 2128 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-24244

**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# @ 576' KB Elevation: 4705'  
Surface Cmt: 220 sx GL Elevation: 4693'  
Long St Csg: 4-1/2" 11.6# M-80 @ 6985' TD: 7004'  
Long St Cmt: 705 sx PBTD: 6935'  
Long St Date: 5/1/2007

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations: 6566'-6582'; 6674'-6690'  
Perforation Interval (2): Codell Perforations: 6843'-6857'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.7# J-55 @ 6824' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** SI for emissions compliance  
**COMMENTS:** P&A for offset horizontal wells

### 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 @ 6516', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off @ 2500'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump 125 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 6) POOH w/ workstring to 676'. Pump 222 sx shoe plug. Cement to surface.
- 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.

**NOBLE ENERGY INC.**  
MCKENNEY 14-13  
SWNE 14-6N-64W  
1945 FNL & 2128 FEL  
WELD COUNTY, CO  
Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
with PROPOSED P&A  
1/26/2016

API: 05-123-24244  
COGCC #

GL Elev: 4693'  
KB Elev: 4705'

**Spud Date:**

**Surface Casing :**

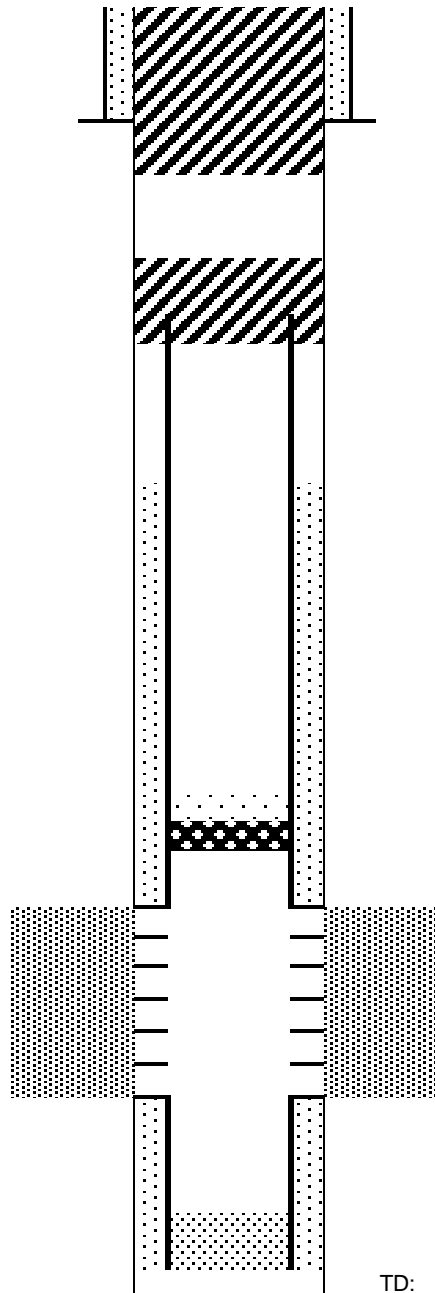
8-5/8" 24# @ 576'  
Cement: 220  
TOC: Surface

**TOC @ 2550'**

**Nio Top 6533'**

**Production Casing :**

4-1/2" 11.6# M-80 @ 6985'  
Cement: 705  
TD: 5/1/2007



Cut surface casing off 6'-8' below surface.

Pump approx 222 sx shoe plug @ 676'  
Will bring cement to surface.

Pump 125 sx stub plug where csg was pulled  
Cut and pull csg @ 2500'

CIBP @ 6516' w/ 2 sx cement on top

Niobrara Perforations:  
6566'-6582'; 6674'-6690'

Codell Perforations: 6843'-6857'

TD: 7004'