

## WORKOVER PROCEDURE

**WELL NAME:** MCDANIEL 32-15 **DATE:** 10/8/2015  
**LOCATION:**  
Qtr/Qtr: SWNE Section: 15 Township: 6N Range: 64W  
Footages: 2003 FNL & 1977 FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-23547

**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" @ 846' KB Elevation: 4806  
Surface Cmt: 595 sx GL Elevation: 4794  
Long St Csg: 4-1/2" 11.6# 7058' TD: 7075  
Long St Cmt: 430 sx PBTD: 7017  
Long St Date: 2/24/2006

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): \_\_\_\_\_  
Perforation Interval (2): Codell Perforations: 6954 - 6969  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.7# @ 6933 Rods: N/A  
Pump: \_\_\_\_\_  
Misc.: **FH est @ 477'. Nio top @ 6680'**

**PRODUCTION STATUS:** SI due to 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 @ 6904'.
- 4) RIH w/ workstring to 6910'. Pump 25 sx balance plug. SI, WOC. RIH. Tag balance plug @ approx 6580'.
- 5) Unland casing. Cut casing off @ 2500'. POOH with casing laying down on trailer.
- 6) RIH w/ workstring to pump 125 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 7) POOH w/ workstring to 946'. Pump 310 sx shoe plug. Cement to surface.
- 8) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 9) Cut surface casing off 6'-8' below ground.
- 10) Clean up location. Reclaim location. RDMO.

**NOBLE ENERGY INC.**  
MCDANIEL 32-15  
SWNE 15-6N-64W  
2003 FNL & 1977 FEL  
WELD COUNTY, CO  
Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
with PROPOSED P&A  
10/8/2015

API: 05-123-23547  
COGCC #

GL Elev: 4794  
KB Elev: 4806

**Spud Date:** 2/16/2006

**Surface Casing :**

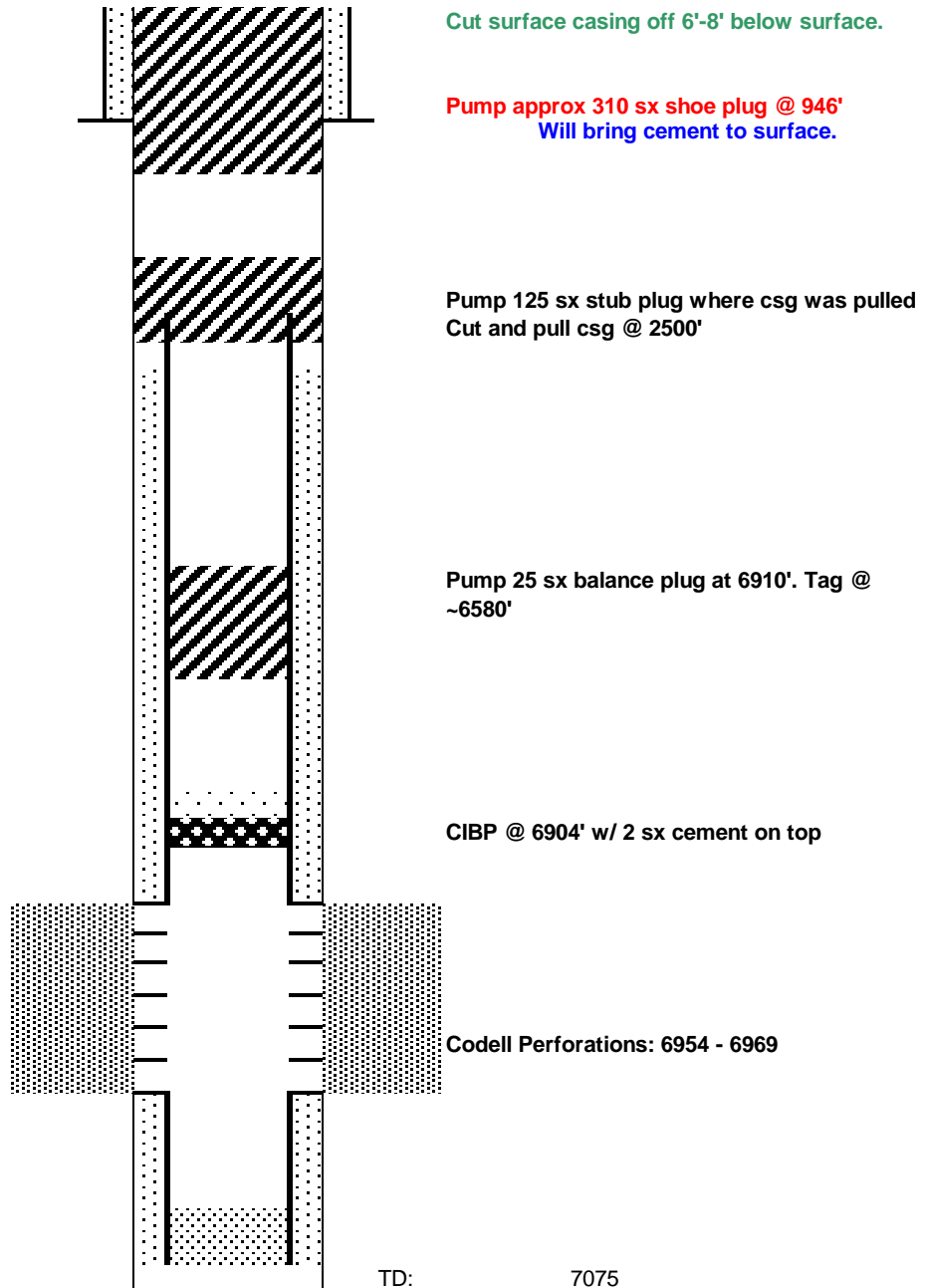
8-5/8" @ 846'  
Cement: 595  
TOC: Surface

**TOC @ 6270**

**Nio Top 6680'**

**Production Casing :**

4-1/2" 11.6# 7058'  
Cement: 430  
TD: 2/24/2006



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SWNE 15-6N-64W  
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TD: 7075