



## Wells Ranch USX BB05-13

### P&A Procedure

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Authored 3/2/2017

#### LOCATION:

Qtr/Qtr: SW/SW Section: 5 Township: 5N Range: 63W  
Footages: 545 FSL & 567 FWL  
COUNTY: WELD STATE: CO API #: 05-123-25282

#### WELL DATA:

Surface Csg: 8-5/8" 24# J-55 @ 487' KB Elevation: 4722'  
Surface Cmt: 309 sx GL Elevation: 4710'  
Long St Csg: 4-1/2" 11.60# M-80 @ 6963' TD: 6974'  
Long St Cmt: 860 sx PBTD: 6945'  
Long St Date: 6/21/2007

Plug Back (Sand or CIBP): Sand  
Perforation Interval (1): Niobrara Perforations 6512'-6528' & 6608'-6624'  
Perforation Interval (2): Codell Perforations 6787'-6797'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.70# J-55 @ 6769' Rods: N/A  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_  
Misc.: \_\_\_\_\_

#### PRODUCTION STATUS:

#### COMMENTS:

Producing

Abandoning to accommodate upcoming horizontal wells

#### PROCEDURE:

- 1) Bradenhead Form 17 needs to be done by the rig since this is a PG1 LTSI well that hasn't had a recent Form 17. Recover any necessary samples per Form 6 COA; direct sample(s) to DIG/Precision contact for analysis.
- 2) MIRU Workover rig, pump & tank.
- 3) Unflange WH and POOH with production tubing.
- 4) RU WL. RIH w/ CIBP and set @ 6462'. Dump bail 2 sx cement on top.
- 5) RIH w/ 1' perforating gun and shoot 4-6 spf @ 2425' (TOC 2448').
- 6) RIH w/ CICR on workstring and set @ 2325' (100' above perforations).
- 7) RIH w/ workstring to CICR. Pump 210 sx cement through and on top of CICR (last 2 bbls on top).
- 8) RIH w/ WL and cut production csg @ 687'. POOH w/ csg laying down on trailer.
- 9) RIH w/ workstring to 687' then attempt to run in casing 50' and pump 250 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.

**NOBLE ENERGY INC.**  
Wells Ranch USX BB05-13  
SWSW 5-5N-63W  
545 FSL & 567 FWL  
WELD COUNTY, CO  
Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
with PROPOSED P&A

API: 05-123-25282  
COGCC #

GL Elev: 4710'  
KB Elev: 4722'

**Spud Date:** 6/17/2007

**Surface Casing :**  
8-5/8" 24# J-55 @ 487'  
Cement: 309 sx  
TOC: Surface

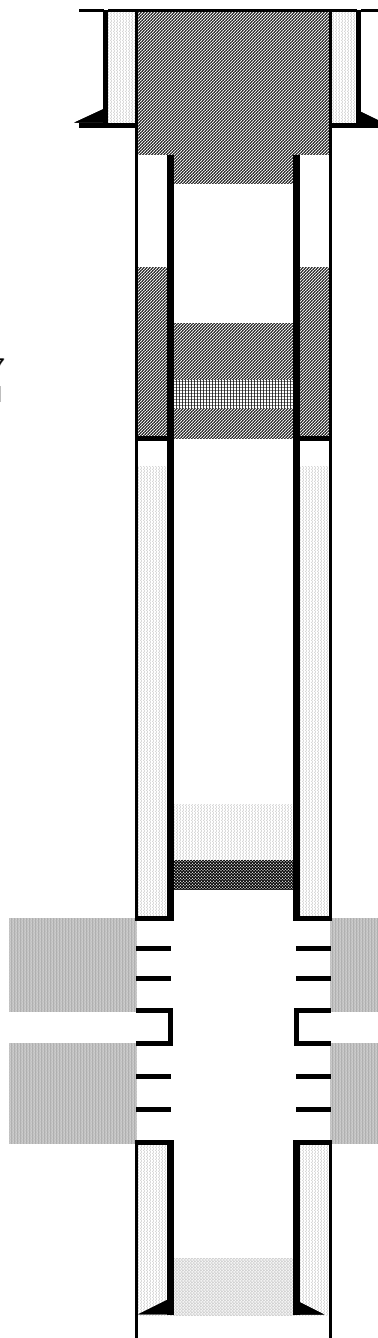
<b>WW</b>	N/A	
<b>SC</b>	487	687
<b>FH</b>	391	591

**No Sussex completions within 1 mile**

**TOC @ 2448'**

**Nio Top 6506'**

**Production Casing :**  
4-1/2" 11.60# M-80 @ 6963'  
Cement: 860 sx  
TD Date: 6/21/2007



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

Cut production casing at 687'  
Cmt to surface from 50' in csg stub (737')  
with 250 sx cmt

Pump 210 sx plug through/on CICR  
Cmt Coverage inside PC: 2196'  
Cmt Coverage outside PC: 1925'  
Set CICR at 2325'  
Shoot sqz perms at 2425'

Set CIBP at 6462' with 2 sx cement  
New TOC: 6436'

Niobrara Perforations 6512'-  
6528' & 6608'-6624'

Codell Perforations 6787'-6797'

TD: 6974'