



Wells Ranch USX BB05-13

P&A Procedure

Engineer: Josh Chebul (720-412-8367)

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 PBDT: 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:

Producing

COMMENTS:

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

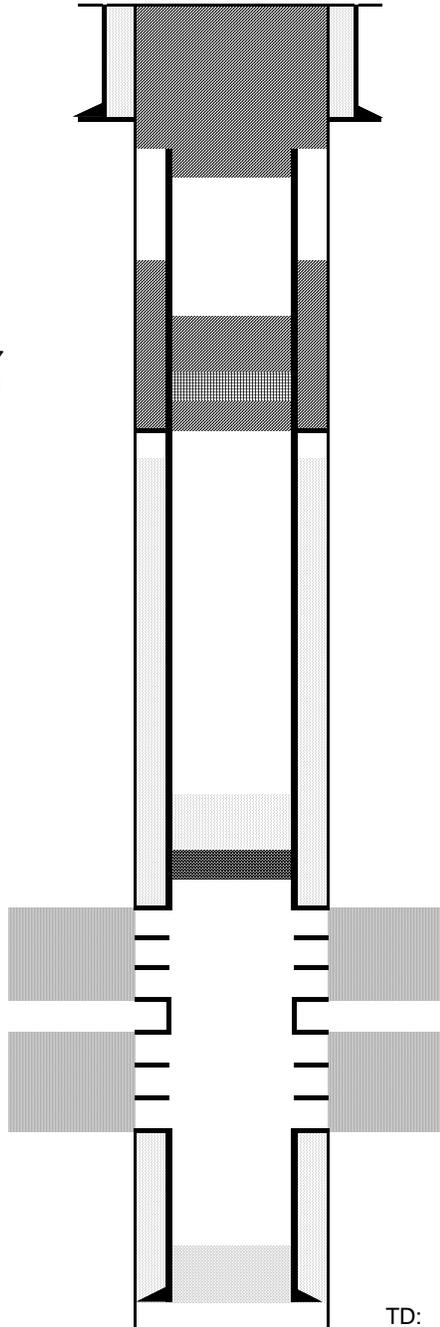
WW	N/A	687
SC	487	591
FH	391	

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'