Attachment #1 – Current Wellbore Diagram

EnCana Oil & Gas (USA) Inc.

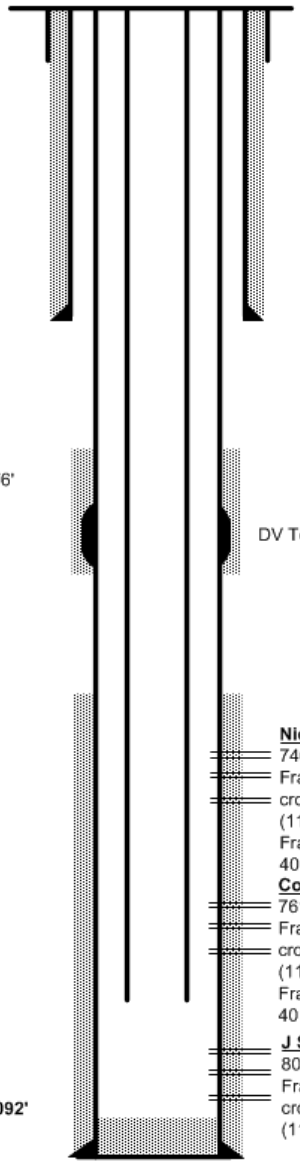
Well : **Duckworth 33-16**
Field : **Wattenberg**
County : **Weld County** **State : Colorado**
Surface : **Lat: 40.1335998 Long: -105.0034119**
: **758 FSL, 1453 FEL SWSE Sec 16 T2N R68W**
API # : **05-123-26752**
Grd Elev : **4882' GR** **KB Elevation: 4897' KB**

Log Tops:

Fox Hills Base	182'
Sussex	4288'
Niobrara	7341'
Codell	7618'
J Sand	8047'

Well History:

Spud	10/20/08
TD	10/24/08



Surface Casing
8-5/8" 24# J-55 Surface Casing set @ 708', cmt'd w/ 324 sx, cmt returns to surface

Stage Cmt 3750'-5076' w/ 280 sx
CBL dated 11/04/08

DV Tool set @ 5076'

TOC @ 6640'
CBL 11/04/08

Niobrara Perfs
7404'-7418' w/ 2 SPF
Frac'd with 127,680 gal 18# Vistar Hybrid cross-linked gel and 250,040# 20/40 sand (11/09/08)
Frac'd with 91,644 gal SLF and 250,000# 20/40 sand (08/23/13)

Production Casing
4-½" 11.6# I-80 production casing set @ 8228'. Cmt w/ 260 sx

Codell Perfs
7618'-7638' w/ 4 SPF
Frac'd with 111,720 gal 24# Vistar Hybrid cross-linked gel and 250,780# 20/40 sand (11/09/08)
Frac'd with 84,252 gal SLF and 251,800# 20/40 sand (08/23/13)

Production Tubing
2-3/8" J-55 Tubing set @ 8023'
255 jts

J Sand Perfs
8060'-8072' w/ 2SPF
Frac'd with 153,426 gal 20# Vistar Hybrid cross-linked gel and 251,640# 20/40 sand (11/09/08)

PBTD 8092'

TD 8243'

Drawn by:	Date:			
Tyler Barela	08/07/2015			