

**Well** Townsend #33-5  
**Operator** EnCana Oil & Gas (USA) Inc.  
**Location** NW SE Section 5-T2N-R67W  
**County** Weld  
**State** Colorado  
**Field** Wattenberg  
**Footages** 2,180' FSL, 2,130' FSL  
**Elevations** 4896' KB  
 4880' GR  
**API** 05-123-20847

**Spud Date** 05-12-2002  
**TD Date** 05-16-2002  
**Completion Date** 06-01-2002

**First Production** 06-17-2002  
**Commingle** 09-04-2002

**Log Tops**

Sussex 4254'  
 Niobrara 7090'  
 Codell 7384'  
 J Sand 7809'  
 TD 7966'

**Production Casing and Cement**

4-1/2", 11.6 ppf landed at 7951'  
 cemented with 190 sxs

**CIBP**

Set @ 7450 on 1/26/2012  
 Drilled out 2/23/12

**CFP**

Set @ 7230 on 1/26/2012  
 Drilled out 2/21/12

**CBP**

Set @ 7500 on 6/4/08 w/2 sx cmt  
 Drilled out 6/28/2008

**CFP**

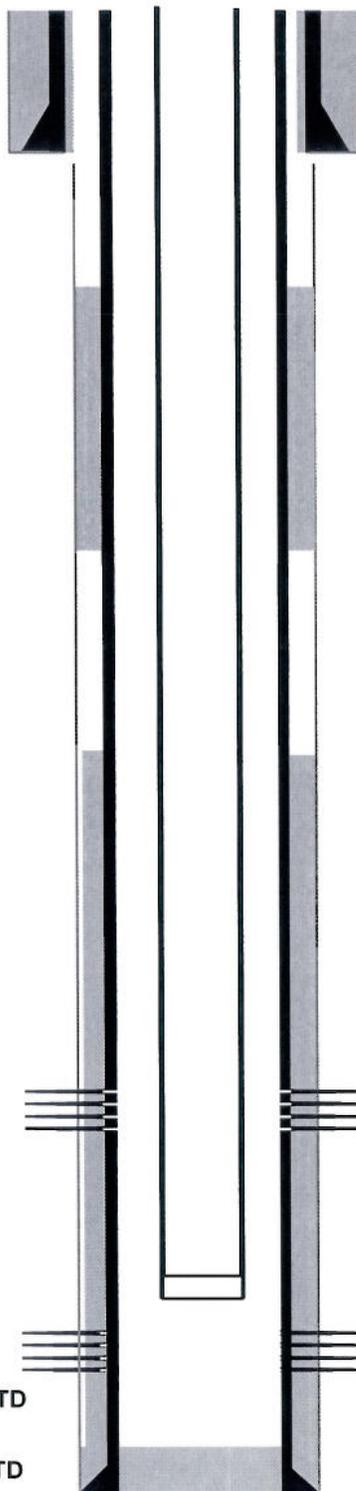
Set @ 7270 on 6/10/08  
 Drilled out 6/27/2008

**Production Tubing**

2-3/8" set @ 7803  
 2/24/12

7908' — PBDT

7962' — TD



**Surface Hole**

12-1/4"

**Surface Casing**

8-5/8" landed at 551'  
 Cement w/ 230 sxs to surface

**Main Hole**

7-7/8" to TD

**Niobrara Perfs**

Perfed 7172-7190, 2 spf, 36  
 shots. Frac'd w/148,485 gal  
 fluid and 253,000 # sand  
 (6/10/08)

Frac'd 7172-7190 w/ 141,059  
 gal frac fluid and 250,900 #  
 sand. (2/11/12)

**Codell Perfs**

Perfed 7387'-7397', w/ 40 holes  
 Frac'd w/189,778# 20/40 sand in  
 111,930 gals Dynaflo-2 (7/16/02)

Reperfed 7384-7404, 80 holes,  
 and frac'd w/ 117,643 gal fluid and  
 253,380 # sand (6/4/08)

Frac'd 7384 – 7404 w/121,080 gal  
 gal frac fluid and 250,000 # sand  
 (1/26/12)

**J-Sand Perfs**

7812'-7832', 7836'-7865' w/ 98  
 holes

Frac'd w/552,000# 20/40 sand  
 in 186,000 gals Dynaflo-2  
 (5/28/02)