

|          |   |                   |
|----------|---|-------------------|
| Well     | : CRANDELL 2-8-26                           |                   |
| Field    | : WATTENBERG                                |                   |
| County   | : BROOMFIELD                                | State : Colorado  |
| Surface  | : 1695 FSL, 1008' FWL, NWSW Sec 26-T1N-R68W |                   |
|          | :   |                   |
|          | :   |                   |
| Grd Elev | : 5217' GR                                  | KB Elev : 5230' H |

Log Tops:

|          |       |
|----------|-------|
| Sussex   | 5145' |
| Niobrara | 7914' |
| Codell   | 8336' |
| J Sand   | 8742' |

## Production Tubing

2-3/8". Set @ 8736.03'

## Well History:

|      |            |
|------|------------|
| Spud | 09-22-2011 |
| TD   | 09-26-2011 |

### Surface Casing and Cement

8-5/8", Set @ 1083'  
Cemented with 415'

### Production Casing and Cement

4-1/2" production casing set @ 8863'  
Cemented with 670 sxs

**CBP**

Set @ 7860'. 02-15-12  
Drilled out on 02-16-12

Perf'd the Niobrara 7920' - 8114' @ 4 spf  
Frac'd the Niobrara 7920' - 8114' (184 holes), w/ 98,952  
gals 18 # Vistar Hybrid cross linked gel containing 251,880#  
30/50 sand. 11-22-11

CFP

Set @ 8150'. 11-22-11  
Drilled out on 02-16-12

Perf'd the Codell from 8336' - 8352' @ 2 spf  
Frac'd the Codell 8336' - 8352', (32 holes) w/ 90,468  
gal 22 # Vistar Hybrid cross linked gel containing  
251.100 # 30/50 sand. 11-22-11

## CFP

Set @ 8390'. 11-22-11  
Drilled out on 02-16-12

Perf'd the J Sand from 8757' - 8778' @ 2 spf  
Frac'd the J-Sand 8757'- 8778', (42 holes) w/ 66,738 gal  
18 # Vistar Hybrid cross linked gel containing 251,000#  
20/40 Sand. 11-22-11

TD 8878'

Drawn by:

Sheilla Reed-High