

Surface Casing
8-5/8" landed @ 229
w/ 200 sx cement

DV @ 829 w/ 1500 gals angel
Dec 2012: Squeeze holes @
950', cemented to surface

07-2013: Set RBP @ 1216'
Pumped 150 sx cmt. Drilled
out 364-970'. Released RBP.

Production Casing and Cement
4 1/2" ASSUME J-55 landed @ 8094'
Cement: 300 sx w/ adds
TOC @ 7080'

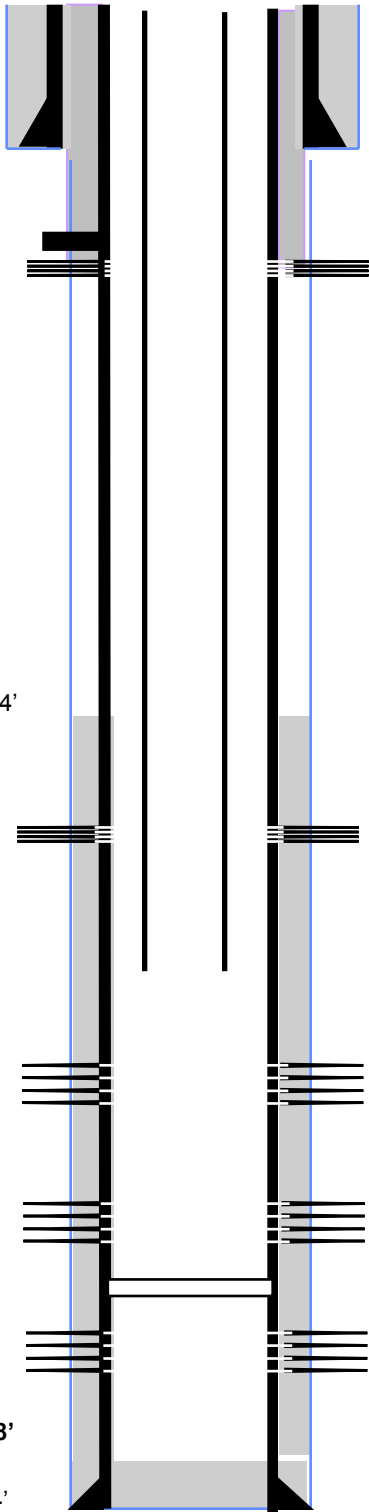
2 7/8" tbg set @ 7246'

07-2013: Set RBP @ 7138'.
Shoot squeeze holes @ 7055'.
Set pkr @ 6643'. Pumped 200 sx
cmt. TOC calc @ 6045'.

CIBP @ 7564'

PBTD:8048'

TD: 8094'



Log Tops	
Fox Hills	584'
Sussex	4508
Niobrara	7214
Jsand	7988

Niobrara Perfs
7260-7276' w/ 2SPF
Frac w/254540# 20/40 sand
158054 gals fluid (5/13/08)

Codell Perfs
7481-7500' w/ 4 SPF
Frac w/253460# 20/40 sand
105798 gals fluid (5/5/08)

Refrac Codell w/ 250,200 # sand
and 81,161 gal (1932 bbls) Frac
fluid. (5/19/13)

J Sand Perfs
7919-25'
7932'-7986'