

PDC Energy
 Sauer 33-31D
 NESE 31 - 5N - 67W
 Weld County, CO
 Proposed Wellbore - NOT TO SCALE!!!
 3/26/2014

API#: 05-123-20511

GL Elevation: 4830'

Surface Casing:
8 5/8" 24# @ 393' W/ 300 sks cmt.

First String
4 1/2" 10.5# @ 7428' w/ 150 sks cmt

Second String
0

Perforations	
Old:	Codell: 7268'-7278'
	0
	0
	0
New:	Codell: 7268'-7278' (3 spf)
	Niobrara B: 7150'-7158' (3 spf)
	Niobrara A: 6954'-6956' (2 spf)
	0

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Top of Cement:
0'

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Niobrara

Codell

PBTD:	7428'
Casing TD:	0

NOTES

Annular fill cement to surface, RePerf/ReFrac Codell, Perf/Frac Niobrara