

PDC Energy
 Frank 1-21C
 SESW 21 3N 65W
 Weld County, CO
 Proposed Wellbore - NOT TO SCALE!!!
 2/5/2013
 API#: 05-123-12549

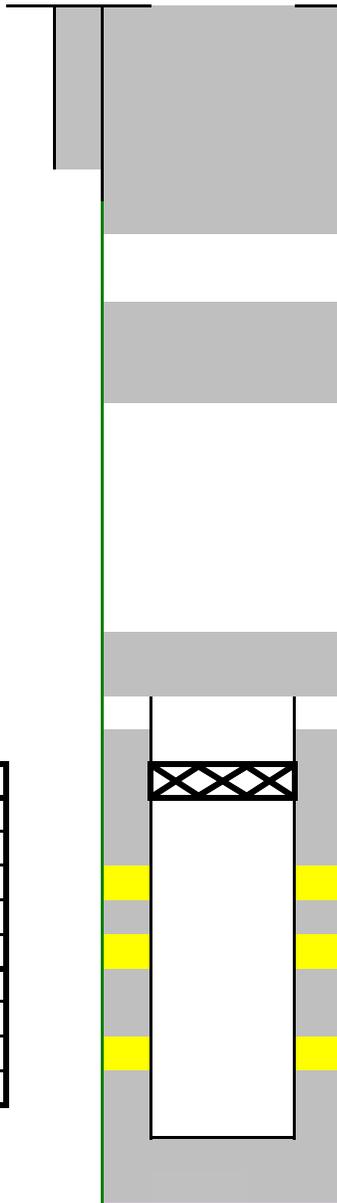
GL Elevation: 4838'

Surface Casing:
8 5/8" 24# @ 426' W/ 300 sks cmt.

First String
4 1/2" 11.6# @ 7714' w/ 300 sks cmt

Second String
0

Perforations	
Old:	Niobrara: 6907'-7032'
	Codell: 7158'-7168'
	J-Sand: 7611'-7658'
	0
	0
New:	0
	0
	0



Parkman

Top of Cement:
Unknown

CIBP @ 6800'

Niobrara: 6907'

Codell: 7158'

J-Sand: 7611'

PBTD:	7704'
Casing TD:	0

NOTES

CIBP @ 6800' w/ 2 sks cement, 50' stub plug, 300' plug to cover Parkman, cement 500' to surface