

PDC Energy
 Berg 33-15
 NWSE 15-6N-66W
 Weld County, CO
 Proposed Wellbore - NOT TO SCALE!!!
 11/4/2013
 API#: 05-123-12966

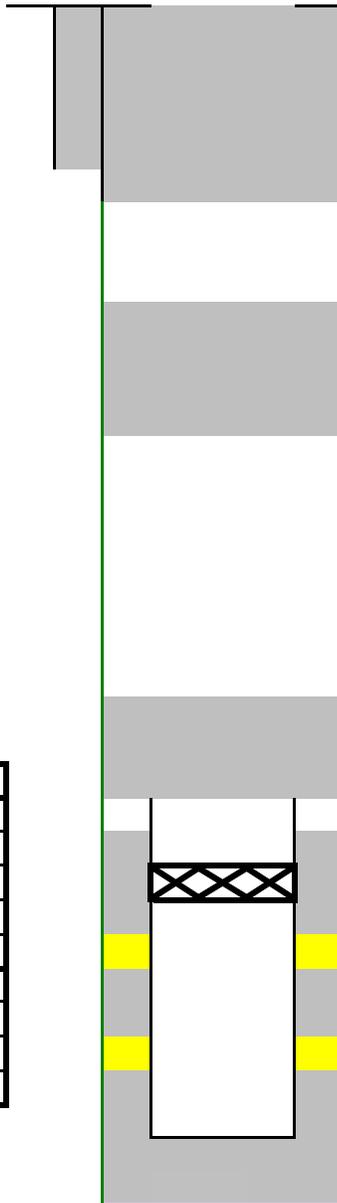
GL Elevation: 4783'

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|--------------------------------------|
| Surface Casing: |
| 8 5/8" 24# @ 240' W/ 180 sks cmt. |

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| First String |
| 4 1/2" 11.6# @ 7343' w/ 225 sks cmt |

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|---------------|
| Second String |
| 0 |

| Perforations | |
|--------------|-----------------------|
| Old: | Codell: 7228'-7240' |
| | Niobrara: 7048'-7066' |
| | 0 |
| New: | 0 |
| | 0 |
| | 0 |
| | 0 |



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| Parkman |
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| Top of Cement: |
| 6600' |

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| CIBP @ 7000' |
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| Niobrara |
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| Codell |
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|------------|-------|
| PBTD: | 7343' |
| Casing TD: | 0 |

NOTES

CIBP @ 7000' w/ 2 sx cement on top, cut casing @ 6500', set 50 sack stub plug @ 6500', set 200 sack plug to cover Parkman/Sussex (3500'-4500', cement from 500' to surface, dump 10 sacks @ surface