



Petroleum Development Corporation
Mininger 33-34
NWSE Sec.34-T6N-R65W
Weld County, CO

Current Wellbore Schematic - NOT TO SCALE!!!

2/7/2005

API#: 05-123-19536

GL Elevation: 4674'

KB Elevation: 4684'

12/15/2006

RECEIVED

DEC 18 06

COGCC



| |
|------------------------------|
| Surface Casing: |
| 8 5/8", 364'. 295 sx cement. |

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|--------------------|
| Production Casing: |
| 3 1/2" 9.2#. |

| Perforations: | |
|---------------|----------------------------------|
| Old: | Codell: 6976' - 6986', 4 spf. |
| | 0 |
| | 0 |
| | 0 |
| New: | Niob "B": 6810-16', (1 spf). |
| | Niob "A": 6682' - 6684' (1 spf). |
| | Codell: 6977' - 6983', (1 spf). |
| | 0 |

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|------------------------------|
| Longstring Cement: |
| 150/140 sx Class "G" + Adds. |
| 0 |
| 0 |
| 0 |

Csg patch @ 2797'. Annular cmt from 3166'-surface w/190sx poz & 450sx light cmt. 1/24/05

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|----------------|
| Top of Cement: |
| 3510' & 6416' |

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|-------------------------|
| Current Tubing In Hole: |
| Landed at 6960' |
| 1 1/4" |
| 0 |

| | |
|------------|-------|
| PBTD: | 7192' |
| Casing TD: | 7222' |

NOTES

Lay down production tbg. Clean out to PBTD with 3 7/8" blade bit & 4 1/2" scraper. Reperforate Codell and perforate Niobrara "B" bench (all deep penetrating charges). RIH with frac string & packer. Set frac packer at 6120-6130' (no collars as per CBL). Use all 2 7/8" frac string (no 2 3/8" washover pipe). Pressure test packer/annulus to 1500 psi, hold for 5 minutes. Frac with BJ Services Viatar 22# fluid system, Codell/Niobrara limited entry, 334000 lbs of 20/40 white sand & 16000 lbs of Super LC resin coat sand, acid/balls for Niobrara breakdown, 24-28 bpm.

ReFrac'd Codell/Niobrara Recomplete w/ 150,826 gals Vistar 22# gel, 334,740# 20/40 white sand & 16,000# SB Excel 20/40 resin coated prop.