

# Perforations

**Well Name: ABBEY D01-06**

API 05-123-22184	Surface Legal Location	Regulatory Field WATTENBERG	State/Province COLORADO
Well Configuration Type VERTICAL	Original KB Elevation (ft) 4,777	KB - GL / MSL (ftKB) 16.00	KB-Casing Flange Distance (ft) 16.00
			KB-Tubing Head Distance (ft) 14.00

## 6,584.00-6,596.00ftKB on 11/4/2009 12:05

Date 11/4/2009	Linked Zone NIOBRARA, ORIGINAL HOLE	Top Depth (ftKB) 6,584.00	Bottom Depth (ftKB) 6,596.00
Perforation Company SUPERIOR WELL SERVICES INC	Conveyance Method	Gun Size (in) 3 3/8	Carrier Make
Shot Density (shots/ft) 2.0	Charge Type	Phasing (°) 120	
Orientation	Orientation Method		
Over/Under Balanced Over Balanced	Over/Under Pressure (psi)	Fluid Depth Before Shot (ftKB)	Fluid Depth After Shot (ftKB)
		Initial Surface Pressure (psi)	Final Surface Pressure (psi)
Reference Log			

## Perforation Statuses

Date	Status	Com

## 6,638.00-6,650.00ftKB on 11/4/2009 12:01

Date 11/4/2009	Linked Zone NIOBRARA, ORIGINAL HOLE	Top Depth (ftKB) 6,638.00	Bottom Depth (ftKB) 6,650.00
Perforation Company SUPERIOR WELL SERVICES INC	Conveyance Method	Gun Size (in) 3 3/8	Carrier Make
Shot Density (shots/ft) 2.0	Charge Type	Phasing (°) 120	
Orientation	Orientation Method		
Over/Under Balanced Over Balanced	Over/Under Pressure (psi)	Fluid Depth Before Shot (ftKB)	Fluid Depth After Shot (ftKB)
		Initial Surface Pressure (psi)	Final Surface Pressure (psi)
Reference Log			

## Perforation Statuses

Date	Status	Com

## 6,708.00-6,724.00ftKB on 10/28/2009 12:00

Date 10/28/2009	Linked Zone NIOBRARA, ORIGINAL HOLE	Top Depth (ftKB) 6,708.00	Bottom Depth (ftKB) 6,724.00
Perforation Company SUPERIOR WELL SERVICE, INC	Conveyance Method	Gun Size (in) 3 3/8	Carrier Make
Shot Density (shots/ft) 2.0	Charge Type	Phasing (°) 120	
Orientation	Orientation Method		
Over/Under Balanced	Over/Under Pressure (psi)	Fluid Depth Before Shot (ftKB)	Fluid Depth After Shot (ftKB)
		Initial Surface Pressure (psi)	Final Surface Pressure (psi)
Reference Log			

CBL/CCL/GR, 3,100.0-6,875.0ftKB

## Perforation Statuses

Date	Status	Com
10/28/2009	Open - Not Flowing	

## 6,847.00-6,857.00ftKB on 9/29/2004 00:00

Date 9/29/2004	Linked Zone CODELL, ORIGINAL HOLE	Top Depth (ftKB) 6,847.00	Bottom Depth (ftKB) 6,857.00
Perforation Company NUEX WIRELINE INC	Conveyance Method	Gun Size (in) 3 1/8	Carrier Make
Shot Density (shots/ft) 4.0	Charge Type	Phasing (°) 60	
Orientation	Orientation Method		
Over/Under Balanced	Over/Under Pressure (psi)	Fluid Depth Before Shot (ftKB)	Fluid Depth After Shot (ftKB)
		Initial Surface Pressure (psi)	Final Surface Pressure (psi)
Reference Log			

## Perforation Statuses

Date	Status	Com