



Wellbore Report & Schematic

Well Name: VAN DER LINDEN 1

API Number 051230578400		WPC ID		Well Permit Number		Field Name Mitigation-DJ Basin		County Weld		State CO																			
Well Configuration Type Vertical		Orig KB Elv (ft) 10.00		Ground Elevation (ft) 4,957.00		Total Depth (ftKB) 4,323.7		Original Spud Date 6/3/1958		Completion Date 1/30/1959		First Production Date																	
Asset Group Redtail Asset Group		Engineer Contact James Kopp		N/S Dist (ft) 660.0		N/S Ref FNL		East/West Distance (ft) 660.0		E/W Ref FEL		Qtr 1 NE		Qtr 2 NE		Section 11		Township 10 N		Twنش... Range 59 W		Rng E...							
Vertical - Original Hole, 9/17/2014 12:44:30 PM				Wellbore Name				Start Date		Size (in)		Act Top (ftKB)		Act Btm (ftKB)		End Date													
MD (ftKB) )  Vertical schematic (actual)		Original Hole				8/11/2014		9 7/8		10.0		208.0		8/11/2014															
		Original Hole				8/11/2014		7 7/8		208.0		4,323.7		8/11/2014															
<b>Surface Csg, 208.0ftKB</b>																													
		OD (in)		Wt (lb/ft)		Grade		Top (ftKB)		Btm (ftKB)		Len (ft)		Item Des															
		8 5/8		24.00				10.0		208.0		198.00		Casing Joints															
<b>Cement Stages</b>																													
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Surface Casing Cement												10.0		208.0															
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Cement Plug								8/12/2014				10.0		50.0															
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Cement Plug								8/15/2014				85.0		97.8															
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Cement Plug				8/21/2014								3,613.0		4,221.0		Wireline Tag													
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Cement Plug				8/22/2014								1,548.0		1,913.0		Wireline Tag													
Description				Pump Start Date				Drill Out Date				Top (ftKB)		Btm (ftKB)		Top Measurement Method													
Cement Plug				8/22/2014								10.0		516.0		Returns to Surface													
<b>Perforations</b>																													
Type of Hole				Date				Top (ftKB)				Btm (ftKB)				Zone													
<b>Stimulations &amp; Treatments</b>																													
Date				Comment										Min Top De...				Max Btm D...				Frac Length...							
Total Clean Volum...				Vol Slurry Tot (bbl)				Proppant Frm (lb)				Proppant Design (lb)				Avg Treat Pr...				P Max (psi)				Avg Treat R...				Max Treat...	
<b>Stim/Treat Fluids</b>																													
Fluid Name																													
<b>Stim/Treat Stages</b>																													
<Stage Type?> <Stage Number?>																													
Stg #		Start Date		Top (ftKB)		Btm (ftKB)		Vol Clean...		Vol Slurry (...)		Comment																	
Stg #		Add				Type				Amount				Units		Sand Size													
<b>Tubing Strings</b>																													
Set Depth (ftKB)				Comment										Run Date															
Item Des				OD (in)				ID (in)				Len (ft)				Top (ftKB)				Btm (ftKB)									
<b>Rod Strings</b>																													
Rod Description										Run Date																			
Item Des				OD (in)				Len (ft)				Top (ftKB)				Btm (ftKB)													
<b>Other In Hole</b>																													
Des				OD (in)				Run Date				Pull Date				Top (ftKB)				Btm (ftKB)									
Fish - 3 balls of drilling line cable				6 1/4								8/14/2014				50.0				120.0									
Fish - wood, wire rope				6 1/4								8/14/2014				120.0				162.0									
<b>Bottom Hole Cores</b>																													
Date				Core #		Top Depth (ftKB)				Bottom Depth (ftKB)				Recovered (ft)				Percent Recovery (%)											