



API Number 051230575800			WPC ID			Well Permit Number			Field Name Mitigation-DJ Basin			County Weld			State CO	
Well Configuration Type Vertical				Orig KB Elv (ft) 4,771.00			Ground Elevation (ft) 4,762.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 6,695.0			
Original Spud Date 10/15/1958		Completion Date 10/22/1958		Asset Group Redtail Asset Group			Responsible Engineer James Kopp			N/S Dist (ft) 660.0		N/S Ref FSL		E/W Dist (ft) 660.0		E/W Ref FEL
Lot	Quarter 1 SE	Quarter 2 SE	Quarter 3	Quarter 4	Section 20	Section Suffix	Section Type	Township 10 N	Township N/S Dir	Range 58	Range E/W Dir W	Meridian 6TH				

Vertical - Original Hole, 3/24/2014 9:23:46 AM			
MD (ftKB)	TV D (ftKB)	n cl (°)	Vertical schematic (actual)
-214.0			
-102.6			
8.9			
14.5			
20.2			
25.9			
29.6			1-1; Casing Joints; 8 5/8; 8.097; 9.0; 41.00
33.4			
37.1			
41.3			
45.6			
49.9			
56.9			
63.9			
70.9			
80.6			
90.3			
100.1			
106.7			Surface Casing; 8 5/8; 100.0-120.0
113.4			
120.1			
212.1			2-1; Casing Joints; 5 1/2; 4.892; 9.0; 387.00
304.0			
396.0			
397.6			
399.3			
400.9			
439.0			
477.0			
515.1			
648.4			
781.7			
915.0			
1,064.3			Hard Mud
1,213.6			
1,362.9			
1,510.9			
1,659.0			
1,807.1			
3,436.4			Hard Mud ; 7 7/8; 1,807.0-6,695.0
5,065.6			
6,694.9			
6,806.3			
6,917.7			

Wellbore Sections						
Wellbore Name		Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	
Original Hole		10/15/1958	12 1/4	9.0	120.0	
Original Hole		10/19/1958	7 7/8	120.0	6,695.0	
Surface Csg, 50.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
8 5/8	24.00	J-55	9.0	50.0	41.00	Casing Joints
Liner, 396.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/2	17.00	L-80	9.0	396.0	387.00	Casing Joints
Cement Stages						
Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	
Surface Casing Cement	10/18/1958		9.0	120.0		
Cement Plug	10/22/1958	1/28/2014	37.0	71.0		
Cement Plug	10/22/1958	1/28/2014	9.0	26.0		
Mud	10/22/1958	3/7/2014	515.0	1,807.0		
Cement Plug	2/6/2014	2/12/2014	401.0	515.0		
Liner Cement	2/10/2014		9.0	401.0		
Cement Plug	3/10/2014		1,363.0	1,807.0		
Cement Plug	3/10/2014		9.0	915.0		
Perforations						
Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone		
Stim/Treat Stages						
Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pump (bbl)	
<des> set at <depth>ftKB on <dtmrun>						
Set Depth (ftKB)	Comment			Run Date	Pull Date	
Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	
Rod Strings						
<des> on <dtmrun>						
Rod Description	Run Date	Pull Date				
Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)		
Other Strings						
Set Depth (ftKB)	Comment			Run Date	Pull Date	
Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)		
Other In Hole						
Des	OD (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)	
Surface Casing	8 5/8	10/22/1958		100.0	120.0	
Hard Mud	7 7/8	10/22/1958		1,807.0	6,695.0	
Bottom Hole Cores						
Date	Core #	Top (ftKB)	Btm (ftKB)	Recov (ft)		