

Lease Review All CR															Well Name: RAZOR 25-2411H																																																																																																																							
API Number 051233658101					WPC ID 1CO076868					Well Permit Number					Field Name DJ Horizontal Niobrara					County Weld			State CO																																																																																																															
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 4,779.50					Ground Elevation (ft) 4,763.00					Casing Flange Elevation (ft)					Tubing Head Elevation (ft)					Total Depth (ftKB) 10,082.0																																																																																																													
Original Spud Date 3/31/2013					Completion Date 5/21/2013					Asset Group Central Rockies Asset Group					Responsible Engineer Gary Nordlander					N/S Dist (ft) 264.0					N/S Ref FNL		E/W Dist (ft) 661.0		E/W Ref FWL																																																																																																									
Lot			Quarter 1 NW		Quarter 2 NW		Quarter 3		Quarter 4		Section 25		Section Suffix		Section Type		Township 10 N		Township N/S Dir		Range 58		Range E/W Dir W		Meridian																																																																																																													
Lateral/Horizontal - Sidetrack 1, 11/4/2013 3:17:40 PM															Wellbore Sections																																																																																																																							
<div>MD (ftKB)</div> <div>TV D (ftKB)</div> <div>n cl (°)</div> <div>Vertical schematic (actual)</div> <div>Logs</div>															Wellbore Name			Start Date			Size (in)			Act Top (ftKB)			Act Btm (ftKB)																																																																																																											
															Original Hole			3/31/2013			13 1/2			16.5			1,670.0																																																																																																											
															Original Hole			4/2/2013			8 3/4			1,670.0			6,165.0																																																																																																											
															Original Hole			4/6/2013			6			6,165.0			9,591.0																																																																																																											
															Sidetrack 1			4/9/2013			6			6,780.0			10,082.0																																																																																																											
Surface Csg, 1,650.0ftKB																																																																																																																																						
OD (in)															Wt (lb/ft)															Grade															Top (ftKB)															Btm (ftKB)															Len (ft)															Item Des																																												
9 5/8															36.00															J-55															16.5															1,605.2															1,588.68															Casing Joints																																												
9 5/8															36.00															J-55															1,605.2															1,606.7															1.50															Float Collar																																												
9 5/8															36.00															J-55															1,606.7															1,648.5															41.84															Casing Joints																																												
9 5/8															36.00															J-55															1,648.5															1,650.0															1.50															Float Shoe																																												
Frac String, 4,790.0ftKB																																																																																																																																						
OD (in)															Wt (lb/ft)															Grade															Top (ftKB)															Btm (ftKB)															Len (ft)															Item Des																																												
4 1/2															11.60															P-110															41.2															42.2															1.00															Casing Hanger																																												
4 1/2															11.60															P-110															41.2															42.2															1.00															Casing Joints																																												
4 1/2															11.60															P-110															42.2															50.2															8.06															Casing PUP Joint																																												
4 1/2															11.60															P-110															50.2															4,774.3															4,724.03															Casing Joints																																												
4 1/2															11.60															P-110															4,774.3															4,780.3															6.06															Casing PUP Joint																																												
4 1/2															11.60															P-110															4,780.3															4,790.0															9.68															Seal Assembly																																												
Intermediate Csg, 6,154.9ftKB																																																																																																																																						
OD (in)															Wt (lb/ft)															Grade															Top (ftKB)															Btm (ftKB)															Len (ft)															Item Des																																												
7															29.00															HCP-110															16.5															16.5															0.00															Landing Joint																																												
7															29.00															HCP-110															16.5															16.5															0.00															Casing Joints																																												
7															29.00															HCP-110															16.5															16.5															0.00															Landing Joint																																												
7															29.00															HCP-110															16.5															20.5															4.00															Pup joint																																												
7															29.00															HCP-110															20.5															6,118.4															6,097.90															Casing Joints																																												
7															29.00															HCP-110															6,118.4															6,119.4															1.00															Float Collar																																												
7															29.00															HCP-110															6,119.4															6,153.9															34.48															Casing Joints																																												
7															29.00															HCP-110															6,153.9															6,154.9															1.00															Float Shoe																																												
Liner, 10,068.0ftKB																																																																																																																																						
OD (in)															Wt (lb/ft)															Grade															Top (ftKB)															Btm (ftKB)															Len (ft)															Item Des																																												
4 1/2															11.60															SeAH-90															4,763.7															4,763.7															0.00															Casing Joints																																												
4 1/2															11.60															SeAH-90															4,763.7															4,763.7															0.00															Lift Nipple																																												
4 1/2															11.60															SeAH-90															4,763.7															4,763.7															0.00															Bumper Sub																																												
4 1/2															11.60															SeAH-90															4,763.7															4,763.7															0.00															DP Stick up																																												
4 1/2															11.60															SeAH-90															4,763.7															4,775.3															11.63															Tie Back Extension																																												
4 1/2															11.60															SeAH-90															4,775.3															4,784.7															9.42															ZXP Liner Top Packer																																												
4 1/2															11.60															SeAH-90															4,784.7															4,791.5															6.78															Liner Hanger																																												
4 1/2															11.60															SeAH-90															4,791.5															4,794.5															3.00															Vamtop X LTC																																												
4 1/2															11.60															SeAH-90															4,794.5															4,800.0															5.49															Casing PUP Joint																																												
4 1/2															11.60															SeAH-90															4,800.0															6,289.2															1,489.20															Casing Joints																																												
4 1/2															11.60															P-110															6,289.2															6,291.6															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															6,291.6															6,381.9															90.29															Casing Joints																																												
4 1/2															11.60															P-110															6,381.9															6,387.3															5.37															Casing Joints																																												
4 1/2															11.60															P-110															6,387.3															6,391.2															3.97															Swell Packer																																												
4 1/2															11.60															P-110															6,391.2															6,394.0															2.76															Casing Joints																																												
4 1/2															11.60															SeAH-90															6,394.0															6,484.2															90.22															Casing Joints																																												
4 1/2															11.60															P-110															6,484.2															6,486.6															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															6,486.6															6,576.9															90.32															Casing Joints																																												
4 1/2															11.60															P-110															6,576.9															6,582.2															5.30															Casing Joints																																												
4 1/2															11.60															P-110															6,582.2															6,586.3															4.03															Swell Packer																																												
4 1/2															11.60															P-110															6,586.3															6,589.0															2.76															Casing Joints																																												
4 1/2															11.60															SeAH-90															6,589.0															6,724.4															135.36															Casing Joints																																												
4 1/2															11.60															P-110															6,724.4															6,726.8															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															6,726.8															6,817.1															90.27															Casing Joints																																												
4 1/2															11.60															P-110															6,817.1															6,822.4															5.32															Casing Joints																																												
4 1/2															11.60															P-110															6,822.4															6,826.4															4.02															Swell Packer																																												
4 1/2															11.60															P-110															6,826.4															6,829.2															2.77															Casing Joints																																												
4 1/2															11.60															SeAH-90															6,829.2															6,919.4															90.26															Casing Joints																																												
4 1/2															11.60															P-110															6,919.4															6,921.9															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															6,921.9															7,012.1															90.29															Casing Joints																																												
4 1/2															11.60															P-110															7,012.1															7,017.5															5.33															Casing Joints																																												
4 1/2															11.60															P-110															7,017.5															7,021.5															4.01															Swell Packer																																												
4 1/2															11.60															P-110															7,021.5															7,024.3															2.77															Casing Joints																																												
4 1/2															11.60															SeAH-90															7,024.3															7,159.6															135.37															Casing Joints																																												
4 1/2															11.60															P-110															7,159.6															7,162.0															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															7,162.0															7,252.3															90.28															Casing Joints																																												
4 1/2															11.60															P-110															7,252.3															7,257.7															5.34															Casing Joints																																												
4 1/2															11.60															P-110															7,257.7															7,261.7															4.00															Swell Packer																																												
4 1/2															11.60															P-110															7,261.7															7,264.4															2.76															Casing Joints																																												
4 1/2															11.60															SeAH-90															7,264.4															7,354.7															90.30															Casing Joints																																												
4 1/2															11.60															P-110															7,354.7															7,357.1															2.41															Frac Sleeve																																												
4 1/2															11.60															SeAH-90															7,357.1															7,447.4															90.30															Casing Joints																																												



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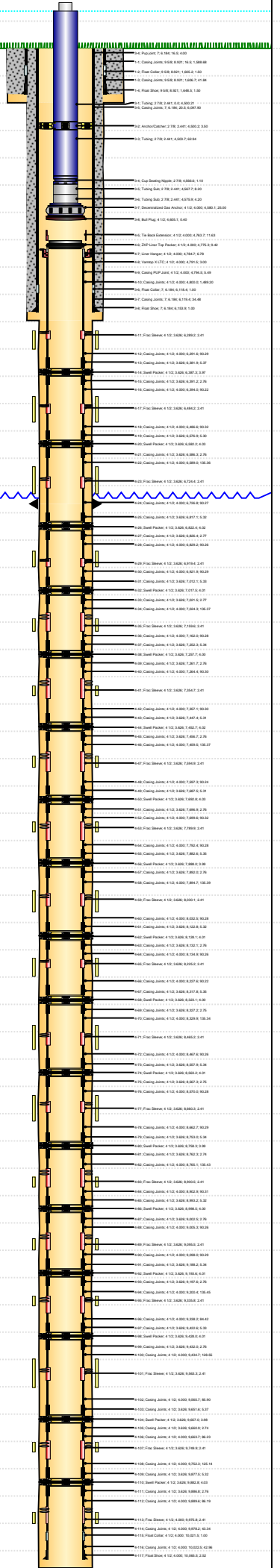

API Number 051233658101			WPC ID 1CO076868			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO										
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,779.50			Ground Elevation (ft) 4,763.00			Casing Flange Elevation (ft)			Tubing Head Elevation (ft)		Total Depth (ftKB) 10,082.0										
Original Spud Date 3/31/2013			Completion Date 5/21/2013			Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 264.0		N/S Ref FNL		E/W Dist (ft) 661.0		E/W Ref FWL						
Lot		Quarter 1 NW	Quarter 2 NW	Quarter 3	Quarter 4	Section 25	Section Suffix	Section Type	Township 10	N	Township N/S Dir	Range 58	W	Range E/W Dir	Meridian									
Lateral/Horizontal - Sidetrack 1, 11/4/2013 3:17:42 PM																		OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
MD (ftKB)	TV D (ftKB)	n cl (°)	Vertical schematic (actual)			Logs			4 1/2	11.60	P-110	7,447.4	7,452.7	5.31	Casing Joints									
									4 1/2	11.60	P-110	7,452.7	7,456.8	4.02	Swell Packer									
									4 1/2	11.60	P-110	7,456.8	7,459.5	2.76	Casing Joints									
5.6	5.6	1.3							4 1/2	11.60	SeAH-90	7,459.5	7,594.9	135.37	Casing Joints									
16.4	16.4	1.3							4 1/2	11.60	P-110	7,594.9	7,597.3	2.41	Frac Sleeve									
1,606.6	1,606.3	1.6							4 1/2	11.60	SeAH-90	7,597.3	7,687.5	90.24	Casing Joints									
1,669.9	1,669.6	1.6							4 1/2	11.60	P-110	7,687.5	7,692.8	5.31	Casing Joints									
4,503.6	4,501.7	2.1							4 1/2	11.60	P-110	7,692.8	7,696.9	4.03	Swell Packer									
4,565.6	4,563.6	2.1							4 1/2	11.60	P-110	7,696.9	7,699.6	2.76	Casing Joints									
4,567.9	4,565.9	2.1							4 1/2	11.60	SeAH-90	7,699.6	7,790.0	90.32	Casing Joints									
4,605.0	4,603.0	2.0							4 1/2	11.60	P-110	7,790.0	7,792.4	2.41	Frac Sleeve									
4,775.3	4,773.2	1.9							4 1/2	11.60	SeAH-90	7,792.4	7,882.6	90.28	Casing Joints									
4,794.6	4,792.5	1.9							4 1/2	11.60	P-110	7,882.6	7,888.0	5.35	Casing Joints									
6,119.4	6,117.4	3.0							4 1/2	11.60	P-110	7,888.0	7,892.0	3.99	Swell Packer									
6,165.0	6,163.0	3.0							4 1/2	11.60	P-110	7,892.0	7,894.7	2.76	Casing Joints									
6,292.0	6,290.0	3.0							4 1/2	11.60	SeAH-90	7,894.7	8,030.1	135.39	Casing Joints									
6,391.1	6,389.1	3.0							4 1/2	11.60	P-110	8,030.1	8,032.5	2.41	Frac Sleeve									
6,484.3	6,482.3	3.0							4 1/2	11.60	P-110	8,032.5	8,032.5	2.41	Frac Sleeve									
6,577.1	6,575.1	3.0							4 1/2	11.60	SeAH-90	8,032.5	8,122.8	90.28	Casing Joints									
6,588.9	6,586.9	3.0							4 1/2	11.60	P-110	8,122.8	8,128.1	5.32	Casing Joints									
6,726.7	6,724.7	3.0							4 1/2	11.60	P-110	8,128.1	8,132.2	4.01	Swell Packer									
6,816.9	6,814.9	3.0							4 1/2	11.60	P-110	8,132.2	8,134.9	2.76	Casing Joints									
6,829.1	6,827.1	3.0							4 1/2	11.60	SeAH-90	8,134.9	8,225.2	90.26	Casing Joints									
6,921.9	6,919.9	3.0							4 1/2	11.60	P-110	8,225.2	8,227.6	2.41	Frac Sleeve									
7,021.3	7,019.3	3.0							4 1/2	11.60	SeAH-90	8,227.6	8,317.8	90.22	Casing Joints									
7,160.1	7,158.1	3.0							4 1/2	11.60	P-110	8,317.8	8,323.2	5.35	Casing Joints									
7,257.5	7,255.5	3.0							4 1/2	11.60	P-110	8,323.2	8,327.2	4.00	Swell Packer									
7,354.7	7,352.7	3.0							4 1/2	11.60	P-110	8,327.2	8,329.9	2.75	Casing Joints									
7,357.3	7,355.3	3.0							4 1/2	11.60	SeAH-90	8,329.9	8,329.9	2.75	Casing Joints									
7,456.7	7,454.7	3.0							4 1/2	11.60	SeAH-90	8,329.9	8,465.2	135.34	Casing Joints									
7,595.1	7,593.1	3.0							4 1/2	11.60	P-110	8,465.2	8,467.7	2.41	Frac Sleeve									
7,687.7	7,685.7	3.0							4 1/2	11.60	SeAH-90	8,467.7	8,557.9	90.26	Casing Joints									
7,699.5	7,697.5	3.0							4 1/2	11.60	P-110	8,557.9	8,563.3	5.34	Casing Joints									
7,792.3	7,790.3	3.0							4 1/2	11.60	P-110	8,563.3	8,567.3	4.01	Swell Packer									
7,892.1	7,890.1	3.0							4 1/2	11.60	P-110	8,567.3	8,570.0	2.75	Casing Joints									
8,030.2	8,028.2	3.0							4 1/2	11.60	P-110	8,570.0	8,570.0	2.75	Casing Joints									
8,122.7	8,120.7	3.0							4 1/2	11.60	SeAH-90	8,570.0	8,660.3	90.28	Casing Joints									
8,134.8	8,132.8	3.0							4 1/2	11.60	P-110	8,660.3	8,662.7	2.41	Frac Sleeve									
8,228.0	8,226.0	3.0							4 1/2	11.60	SeAH-90	8,662.7	8,753.0	90.29	Casing Joints									
8,327.1	8,325.1	3.0							4 1/2	11.60	P-110	8,753.0	8,753.0	2.41	Frac Sleeve									
8,465.2	8,463.2	3.0							4 1/2	11.60	P-110	8,753.0	8,758.3	5.34	Casing Joints									
8,558.1	8,556.1	3.0							4 1/2	11.60	P-110	8,758.3	8,762.3	3.99	Swell Packer									
8,569.9	8,567.9	3.0							4 1/2	11.60	P-110	8,762.3	8,765.1	2.74	Casing Joints									
8,662.7	8,660.7	3.0							4 1/2	11.60	SeAH-90	8,765.1	8,900.5	135.43	Casing Joints									
8,758.2	8,756.2	3.0							4 1/2	11.60	P-110	8,900.5	8,902.9	2.41	Frac Sleeve									
8,900.6	8,898.6	3.0							4 1/2	11.60	SeAH-90	8,902.9	8,993.2	90.31	Casing Joints									
8,993.1	8,991.1	3.0							4 1/2	11.60	P-110	8,993.2	8,998.5	5.32	Casing Joints									
9,005.2	9,003.2	3.0							4 1/2	11.60	P-110	8,998.5	9,002.5	4.00	Swell Packer									
9,098.1	9,096.1	3.0							4 1/2	11.60	P-110	9,002.5	9,005.3	2.76	Casing Joints									
9,197.5	9,195.5	3.0							4 1/2	11.60	SeAH-90	9,005.3	9,095.6	90.26	Casing Joints									
9,337.9	9,335.9	3.0							4 1/2	11.60	P-110	9,095.6	9,098.0	2.41	Frac Sleeve									
9,427.8	9,425.8	3.0							4 1/2	11.60	SeAH-90	9,098.0	9,188.3	90.29	Casing Joints									
9,563.0	9,561.0	3.0							4 1/2	11.60	P-110	9,188.3	9,193.6	5.34	Casing Joints									
9,565.9	9,563.9	3.0							4 1/2	11.60	P-110	9,193.6	9,197.6	4.01	Swell Packer									
9,656.8	9,654.8	3.0							4 1/2	11.60	P-110	9,197.6	9,200.4	2.76	Casing Joints									
9,750.0	9,748.0	3.0							4 1/2	11.60	SeAH-90	9,200.4	9,335.8	135.45	Casing Joints									
9,877.6	9,875.6	3.0							4 1/2	11.60	P-110	9,335.8	9,338.2	2.41	Frac Sleeve									
9,889.4	9,887.4	3.0							4 1/2	11.60	SeAH-90	9,338.2	9,422.6	84.42	Casing Joints									
9,978.0	9,976.0	3.0							4 1/2	11.60	P-110	9,422.6	9,428.0	5.33	Casing Joints									
10,065.6	10,063.6	3.0							4 1/2	11.60	P-110	9,428.0	9,432.0	4.01	Swell Packer									
									4 1/2	11.60	P-110	9,432.0	9,434.7	2.76	Casing Joints									
									4 1/2	11.60	SeAH-90	9,434.7	9,563.3	128.55	Casing Joints									
									4 1/2	11.60	P-110	9,563.3	9,565.7	2.41	Frac Sleeve									
									4 1/2	11.60	SeAH-90	9,565.7	9,651.6	85.90	Casing Joints									
									4 1/2	11.60	P-110	9,651.6	9,657.0	5.37	Casing Joints									
									4 1/2	11.60	P-110	9,657.0	9,661.0	3.98	Swell Packer									
									4 1/2	11.60	P-110	9,661.0	9,663.7	2.74	Casing Joints									
									4 1/2	11.60	SeAH-90	9,663.7	9,749.9	86.23	Casing Joints									
									4 1/2	11.60	P-110	9,749.9	9,752.3	2.41	Frac Sleeve									
									4 1/2	11.60	SeAH-90	9,752.3	9,877.5	125.14	Casing Joints									
									4 1/2	11.60	P-110	9,877.5	9,882.8	5.32	Casing Joints									
									4 1/2	11.60	P-110	9,882.8	9,886.8	4.03	Swell Packer									
									4 1/2	11.60	P-110	9,886.8	9,889.6	2.76	Casing Joints									
									4 1/2	11.60	SeAH-90	9,889.6	9,975.8	86.19	Casing Joints									
									4 1/2	11.60	SeAH-90	9,975.8	9,978.2	2.41	Frac Sleeve									

Lease Review All CR																			
Well Name: RAZOR 25-2411H																			
API Number 051233658101			WPC ID 1CO076868			Well Permit Number			Field Name DJ Horizontal Niobrara		County Weld		State CO						
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,779.50			Ground Elevation (ft) 4,763.00			Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 10,082.0						
Original Spud Date 3/31/2013		Completion Date 5/21/2013		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 264.0		N/S Ref FNL		E/W Dist (ft) 661.0		E/W Ref FWL			
Lot		Quarter 1 NW	Quarter 2 NW	Quarter 3	Quarter 4	Section 25	Section Suffix	Section Type		Township 10 N		Township N/S Dir		Range 58	Range E/W Dir W		Meridian		
Lateral/Horizontal - Sidetrack 1, 11/4/2013 3:17:44 PM												OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des	
MD (ftKB)	TV D (ftKB)	n cl (° B)	Vertical schematic (actual)	Logs	4 1/2	11.60	SeAH-90	9,978.2	10,021.5	43.34	Casing Joints								
					4 1/2	11.60	SeAH-90	10,021.5	10,022.5	1.00	Float Collar								
					4 1/2	11.60	SeAH-90	10,022.5	10,065.5	42.96	Casing Joints								
					4 1/2	11.60	SeAH-90	10,065.5	10,068.0	2.52	Float Shoe								
Cement Stages																			



Lease Review All CR
Well Name: RAZOR 25-2411H

API Number 051233658101			WPC ID 1CO076868			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO	
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 4,779.50		Ground Elevation (ft) 4,763.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 10,082.0			
Original Spud Date 3/31/2013			Completion Date 5/21/2013		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 264.0		N/S Ref FNL	E/W Dist (ft) 661.0		E/W Ref FWL
Lot	Quarter 1 NW	Quarter 2 NW	Quarter 3	Quarter 4	Section 25	Section Suffix	Section Type	Township 10	Township N/S Dir N	Range 58	Range E/W Dir W	Meridian				

Lateral/Horizontal - Sidetrack 1, 11/4/2013 3:17:47 PM				Item Des		OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	
MD (ftKB)	TV D (ftKB B)	n cl (°)	Vertical schematic (actual)	Logs	Decentralized Gas Anchor		4 1/2	4.000	25.00	4,580.2	4,605.2
					Bull Plug		4 1/2		0.40	4,605.2	4,605.6
Rod Strings											
Special on 8/30/2013 09:33											
Rod Description Special							Run Date 8/30/2013		Pull Date		
Item Des							OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	
Polished Rod							1 1/2	26.00	-20.5	5.5	
Pony Rod							7/8	2.00	5.5	7.5	
Pony Rod							7/8	6.00	7.5	13.5	
Sucker Rod							3/4	4,275.00	13.5	4,288.5	
Sinkers Bar							1 1/2	250.00	4,288.5	4,538.5	
Rod Insert Pump/Top Hold Down							2	24.00	4,538.5	4,562.5	
Dip Tube							1 1/2	3.00	4,562.5	4,565.5	
De-sander							1 1/2	0.50	4,565.5	4,566.0	
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)
Bottom Hole Cores											
Date			Core #			Top (ftKB)		Btm (ftKB)		Recov (ft)	
5.6	5.6	1.3			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
16.4	16.4	1.3			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
1,606.6	1,608.3	1.8			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
1,669.9	1,669.9	1.4			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,503.6	4,501.7	2.1			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,565.6	4,563.6	2.1			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,567.9	4,568.9	2.1			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,605.0	4,603.0	2.0			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,775.3	4,773.3	1.9			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
4,794.6	4,792.6	1.9			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,119.4	5,674.5	50.9			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,165.0	5,673.2	91.8			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,292.0	5,669.0	91.0			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,391.1	5,669.2	90.2			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,484.3	5,670.6	95.5			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,577.1	0.0	90.1			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,588.9	0.0	90.3			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,726.7	0.2	89.8			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,816.9	5,674.0	86.4			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,829.1	5,674.7	86.3			1-10 Casing Joints: 9.000 9.001 16.0 1.000000						
6,921.9	5,677.6	90.1	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,021.3	5,676.1	91.1	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,160.1	5,671.8	92.1	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,257.5	5,669.6	91.2	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,354.7	5,668.6	91.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,357.3	5,668.5	91.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,456.7	5,663.4	91.3	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,595.1	5,661.6	90.3	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,687.7	5,661.2	90.5	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,699.5	5,661.1	90.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,792.3	5,659.0	91.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
7,892.1	5,655.3	92.2	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,030.2	5,653.5	95.5	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,122.7	5,654.5	95.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,134.8	5,654.6	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,228.0	5,655.2	95.2	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,327.1	5,655.3	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,465.2	5,657.6	95.4	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,558.1	5,659.8	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,569.9	5,659.9	95.1	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,662.7	5,659.0	91.9	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,758.2	5,657.1	95.5	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,900.6	5,657.6	95.6	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
8,993.1	5,657.9	95.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,005.2	5,658.0	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,098.1	5,658.5	95.6	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,197.5	5,659.0	95.4	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,337.9	5,659.4	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,427.8	5,659.5	95.7	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,563.0	5,659.7	95.2	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,565.9	5,659.7	95.3	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,656.8	5,659.7	95.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,750.0	5,661.6	87.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,877.6	5,668.8	86.6	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,889.4	5,669.4	86.9	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
9,978.0	5,671.4	95.9	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								
10,065.6	5,668.3	92.8	1-10 Casing Joints: 9.000 9.001 16.0 1.000000								