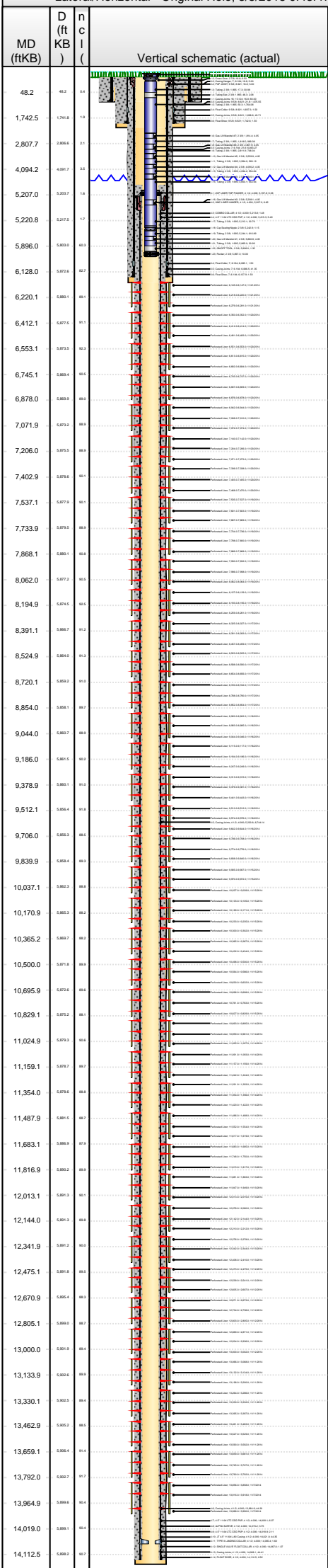




Lease Review
Well Name: RAZOR 21C-0906

API Number 051233952400	WPC ID 1CO0761086	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,860.80	Ground Elevation (ft) 4,844.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 14,125.0
Original Spud Date 8/28/2014	Completion Date 11/21/2014	Asset Group Redtail	Responsible Engineer Charles Ohlson	N/S Dist (ft) 328.0 N/S Ref FNL	E/W Dist (ft) 1,831.0 E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 NW	Quarter 3	Quarter 4	Section 21
			Section Suffix	Section Type	Township 10 N
					Township N/S Dir N
					Range 58 W
					Range E/W Dir W
					Meridian

Lateral/Horizontal - Original Hole, 3/5/2015 9:43:47 AM



Wellbore Sections

Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	Original Hole	7/23/2014	20	16.8	96.8
Surface	Original Hole	8/28/2014	13 1/2	96.8	1,755.0
Intermediate	Original Hole	8/29/2014	8 3/4	1,755.0	6,145.0
Lateral	Original Hole	9/1/2014	6	6,145.0	14,125.0

Conductor Pipe, 96.8ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
16	75.00	J-55	16.8	96.8	80.00	Casing Joints

Surface Csg, 1,744.1ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	36.00	J-55	16.8	16.8	0.00	LANDING JOINT
9 5/8	36.00	J-55	16.8	21.8	5.00	PUP JOINT
9 5/8	36.00	J-55	21.8	1,697.4	1,675.55	Casing Joints
9 5/8	36.00	J-55	1,697.4	1,698.9	1.50	Float Collar
9 5/8	36.00	J-55	1,698.9	1,742.6	43.71	Casing Joints
9 5/8	36.00	J-55	1,742.6	1,744.1	1.50	Float Shoe

Intermediate Csg, 6,129.4ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	29.00	L-80	16.8	16.8	0.00	Landing Joint
7	29.00	L-80	16.8	21.8	5.00	Casing Hanger
7	29.00	L-80	21.8	6,085.1	6,063.27	Casing Joints
7	29.00	L-80	6,085.1	6,086.6	1.50	Float Collar
7	29.00	L-80	6,086.6	6,127.9	41.35	Casing Joints
7	29.00	L-80	6,127.9	6,129.4	1.50	Float Shoe

Liner, 14,115.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	L-80	5,197.8	5,207.2	9.36	ZXP LINER TOP PACKER
4 1/2	11.60	L-80	5,207.2	5,213.8	6.65	HMC LINER HANGER
4 1/2	11.60	L-80	5,213.8	5,215.3	1.48	COMBO COLLAR
4 1/2	11.60	L-80	5,215.3	5,220.8	5.49	4.5" 11.6# LTC CSG PUP
4 1/2	11.60	L-80	5,220.8	13,964.9	8,744.14	Casing Joints
4 1/2	11.60	L-80	13,964.9	14,009.1	44.20	Casing Joints
4 1/2	11.60	L-80	14,009.1	14,015.2	6.07	4.5" 11.6# LTC CSG PUP
4 1/2	11.60	L-80	14,015.2	14,018.9	3.75	ALPHA SLEEVE
4 1/2	11.60	L-80	14,018.9	14,021.1	2.11	4.5" 11.6# LTC CSG PUP
4 1/2	11.60	L-80	14,021.1	14,065.4	44.35	JT 4.5" 11.6# L-80 Casing
4 1/2	11.60	L-80	14,065.4	14,067.0	1.60	TYPE II LANDING COLLAR
4 1/2	11.60	L-80	14,067.0	14,068.1	1.07	SINGLE VALVE FLOAT COLLAR
4 1/2	11.60	L-80	14,068.1	14,112.5	44.41	Casing Joints
4 1/2	11.60	L-80	14,112.5	14,115.0	2.52	FLOAT SHOE

Cement Stages

Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement	7/23/2014		16.8	96.8	Returns to Surface
Surface Casing Cement	8/29/2014		16.8	1,744.0	Returns to Surface
Intermediate Casing Cement	9/1/2014		16.8	6,129.4	Returns to Surface
Liner Cement	9/5/2014		5,186.0	14,115.0	Volume Calculations

Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated Liner	11/21/2014	6,145.0	6,147.0	Niobrara, Original Hole
Perforated Liner	11/21/2014	6,218.0	6,220.0	Niobrara, Original Hole
Perforated Liner	11/21/2014	6,279.0	6,281.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,350.0	6,352.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,412.0	6,414.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,481.0	6,483.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,551.0	6,553.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,613.0	6,615.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,682.0	6,684.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,745.0	6,747.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,807.0	6,809.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,876.0	6,878.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	6,942.0	6,944.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,008.0	7,010.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,072.0	7,074.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,140.0	7,142.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,204.0	7,206.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,271.0	7,273.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,336.0	7,338.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,403.0	7,405.0	Niobrara, Original Hole
Perforated Liner	11/20/2014	7,468.0	7,470.0	Niobrara, Original Hole



Lease Review
Well Name: RAZOR 21C-0906

API Number 051233952400			WPC ID 1CO0761086			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO		
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 4,860.80		Ground Elevation (ft) 4,844.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ft)KB 14,125.0				
Original Spud Date 8/28/2014			Completion Date 11/21/2014		Asset Group Redtail			Responsible Engineer Charles Ohlson			N/S Dist (ft) 328.0		N/S Ref FNL		E/W Dist (ft) 1,831.0		E/W Ref FWL
Lot		Quarter 1 NE	Quarter 2 NW	Quarter 3	Quarter 4	Section 21	Section Suffix	Section Type		Township 10	Township N/S Dir N	Range 58	Range E/W Dir W		Meridian		

Lateral/Horizontal - Original Hole, 3/5/2015 9:43:49 AM						Perforations					
MD (ftKB)	D (ft KB)	n c l ()	Vertical schematic (actual)	Logs	Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone		
					Perforated Liner	11/19/2014	7,535.0	7,537.0	Niobrara, Original Hole		
					Perforated Liner	11/19/2014	7,601.0	7,603.0	Niobrara, Original Hole		
48.2	48.2	3.4			Perforated Liner	11/19/2014	7,667.0	7,669.0	Niobrara, Original Hole		
1,742.5	1,741.8	1.8			Perforated Liner	11/19/2014	7,734.0	7,736.0	Niobrara, Original Hole		
2,807.7	2,806.6	2.1			Perforated Liner	11/19/2014	7,798.0	7,800.0	Niobrara, Original Hole		
4,094.2	4,091.7	3.5			Perforated Liner	11/19/2014	7,866.0	7,868.0	Niobrara, Original Hole		
5,207.0	5,203.7	3.3			Perforated Liner	11/19/2014	7,930.0	7,932.0	Niobrara, Original Hole		
5,220.8	5,217.5	3.3			Perforated Liner	11/19/2014	7,996.0	7,998.0	Niobrara, Original Hole		
5,896.0	5,893.0	3.0			Perforated Liner	11/19/2014	8,062.0	8,064.0	Niobrara, Original Hole		
6,128.0	6,125.0	3.0			Perforated Liner	11/19/2014	8,127.0	8,129.0	Niobrara, Original Hole		
6,220.1	6,217.1	3.0			Perforated Liner	11/19/2014	8,193.0	8,195.0	Niobrara, Original Hole		
6,412.1	6,409.1	3.0			Perforated Liner	11/19/2014	8,193.0	8,195.0	Niobrara, Original Hole		
6,553.1	6,550.1	3.0			Perforated Liner	11/19/2014	8,259.0	8,261.0	Niobrara, Original Hole		
6,745.1	6,742.1	3.0			Perforated Liner	11/19/2014	8,325.0	8,327.0	Niobrara, Original Hole		
6,878.0	6,875.0	3.0			Perforated Liner	11/19/2014	8,391.0	8,393.0	Niobrara, Original Hole		
7,071.9	7,068.9	3.0			Perforated Liner	11/17/2014	8,457.0	8,459.0	Niobrara, Original Hole		
7,206.0	7,203.0	3.0			Perforated Liner	11/17/2014	8,523.0	8,525.0	Niobrara, Original Hole		
7,402.9	7,399.9	3.0			Perforated Liner	11/17/2014	8,588.0	8,590.0	Niobrara, Original Hole		
7,537.1	7,534.1	3.0			Perforated Liner	11/17/2014	8,654.0	8,656.0	Niobrara, Original Hole		
7,733.9	7,730.9	3.0			Perforated Liner	11/17/2014	8,720.0	8,722.0	Niobrara, Original Hole		
7,868.1	7,865.1	3.0			Perforated Liner	11/17/2014	8,788.0	8,790.0	Niobrara, Original Hole		
8,062.0	8,059.0	3.0			Perforated Liner	11/17/2014	8,852.0	8,854.0	Niobrara, Original Hole		
8,194.9	8,191.9	3.0			Perforated Liner	11/16/2014	8,920.0	8,922.0	Niobrara, Original Hole		
8,391.1	8,388.1	3.0			Perforated Liner	11/16/2014	8,983.0	8,985.0	Niobrara, Original Hole		
8,524.9	8,521.9	3.0			Perforated Liner	11/16/2014	9,044.0	9,046.0	Niobrara, Original Hole		
8,720.1	8,717.1	3.0			Perforated Liner	11/16/2014	9,115.0	9,117.0	Niobrara, Original Hole		
8,854.0	8,851.0	3.0			Perforated Liner	11/16/2014	9,184.0	9,186.0	Niobrara, Original Hole		
9,044.0	9,041.0	3.0			Perforated Liner	11/16/2014	9,247.0	9,249.0	Niobrara, Original Hole		
9,186.0	9,183.0	3.0			Perforated Liner	11/16/2014	9,313.0	9,315.0	Niobrara, Original Hole		
9,378.9	9,375.9	3.0			Perforated Liner	11/16/2014	9,379.0	9,381.0	Niobrara, Original Hole		
9,512.1	9,509.1	3.0			Perforated Liner	11/16/2014	9,441.0	9,443.0	Niobrara, Original Hole		
9,706.0	9,703.0	3.0			Perforated Liner	11/16/2014	9,510.0	9,512.0	Niobrara, Original Hole		
9,839.9	9,836.9	3.0			Perforated Liner	11/16/2014	9,574.0	9,576.0	Niobrara, Original Hole		
10,037.1	10,034.1	3.0			Perforated Liner	11/16/2014	9,642.0	9,644.0	Niobrara, Original Hole		
10,170.9	10,167.9	3.0			Perforated Liner	11/16/2014	9,706.0	9,708.0	Niobrara, Original Hole		
10,365.2	10,362.2	3.0			Perforated Liner	11/16/2014	9,774.0	9,776.0	Niobrara, Original Hole		
10,500.0	10,497.0	3.0			Perforated Liner	11/16/2014	9,838.0	9,840.0	Niobrara, Original Hole		
10,695.9	10,692.9	3.0			Perforated Liner	11/15/2014	9,905.0	9,907.0	Niobrara, Original Hole		
10,829.1	10,826.1	3.0			Perforated Liner	11/15/2014	9,970.0	9,972.0	Niobrara, Original Hole		
11,024.9	11,021.9	3.0			Perforated Liner	11/15/2014	10,037.0	10,039.0	Niobrara, Original Hole		
11,159.1	11,156.1	3.0			Perforated Liner	11/15/2014	10,103.0	10,105.0	Niobrara, Original Hole		
11,354.0	11,351.0	3.0			Perforated Liner	11/15/2014	10,169.0	10,171.0	Niobrara, Original Hole		
11,487.9	11,484.9	3.0			Perforated Liner	11/15/2014	10,233.0	10,235.0	Niobrara, Original Hole		
11,683.1	11,680.1	3.0			Perforated Liner	11/15/2014	10,300.0	10,302.0	Niobrara, Original Hole		
11,816.9	11,813.9	3.0			Perforated Liner	11/15/2014	10,365.0	10,367.0	Niobrara, Original Hole		
12,013.1	12,010.1	3.0			Perforated Liner	11/15/2014	10,432.0	10,434.0	Niobrara, Original Hole		
12,144.0	12,141.0	3.0			Perforated Liner	11/15/2014	10,498.0	10,500.0	Niobrara, Original Hole		
12,341.9	12,338.9	3.0			Perforated Liner	11/15/2014	10,564.0	10,566.0	Niobrara, Original Hole		
12,475.1	12,472.1	3.0			Perforated Liner	11/15/2014	10,630.0	10,632.0	Niobrara, Original Hole		
12,670.9	12,667.9	3.0			Perforated Liner	11/15/2014	10,696.0	10,698.0	Niobrara, Original Hole		
12,805.1	12,802.1	3.0			Perforated Liner	11/15/2014	10,761.0	10,763.0	Niobrara, Original Hole		
13,000.0	12,997.0	3.0			Perforated Liner	11/15/2014	10,827.0	10,829.0	Niobrara, Original Hole		
13,133.9	13,130.9	3.0			Perforated Liner	11/14/2014	10,893.0	10,895.0	Niobrara, Original Hole		
13,330.1	13,327.1	3.0			Perforated Liner	11/14/2014	10,959.0	10,961.0	Niobrara, Original Hole		
13,462.9	13,459.9	3.0			Perforated Liner	11/14/2014	11,025.0	11,027.0	Niobrara, Original Hole		
13,659.1	13,656.1	3.0			Perforated Liner	11/14/2014	11,091.0	11,093.0	Niobrara, Original Hole		
13,792.0	13,789.0	3.0			Perforated Liner	11/14/2014	11,157.0	11,159.0	Niobrara, Original Hole		
13,964.9	13,961.9	3.0			Perforated Liner	11/14/2014	11,222.0	11,224.0	Niobrara, Original Hole		
14,019.0	14,016.0	3.0			Perforated Liner	11/14/2014	11,291.0	11,293.0	Niobrara, Original Hole		
14,112.5	14,109.5	3.0			Perforated Liner	11/14/2014	11,354.0	11,356.0	Niobrara, Original Hole		
					Perforated Liner	11/14/2014	11,420.0	11,422.0	Niobrara, Original Hole		
					Perforated Liner	11/14/2014	11,486.0	11,488.0	Niobrara, Original Hole		
					Perforated Liner	11/14/2014	11,552.0	11,554.0	Niobrara, Original Hole		
					Perforated Liner	11/14/2014	11,617.0	11,619.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	11,683.0	11,685.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	11,748.0	11,750.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	11,815.0	11,817.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	11,881.0	11,883.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	11,947.0	11,949.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	12,013.0	12,015.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	12,078.0	12,080.0	Niobrara, Original Hole		
					Perforated Liner	11/13/2014	12,142.0	12,144.0	Niobrara, Original Hole		



Lease Review
Well Name: RAZOR 21C-0906

API Number	WPC ID	Well Permit Number	Field Name	County	State
051233952400	1CO0761086		DJ Horizontal Niobrara	Weld	CO
Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,860.80	4,844.00			14,125.0
Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref
8/28/2014	11/21/2014	Redtail	Charles Ohlson	328.0	FNL
				E/W Dist (ft)	E/W Ref
				1,831.0	FWL
Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section
	NE	NW			21
					Section Suffix
					Section Type
					Township
					10 N
					Township N/S Dir
					Range
					58 W
					Range E/W Dir
					Meridian

Lateral/Horizontal - Original Hole, 3/5/2015 9:43:50 AM				Perforations						
MD (ftKB)	D (ft KB)	n c l (Logs	Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	
					Perforated Liner	11/13/2014	12,210.0	12,212.0	Niobrara, Original Hole	
					Perforated Liner	11/13/2014	12,276.0	12,278.0	Niobrara, Original Hole	
					Perforated Liner	11/13/2014	12,342.0	12,344.0	Niobrara, Original Hole	
					Perforated Liner	11/13/2014	12,408.0	12,410.0	Niobrara, Original Hole	
48.2	482	0.4				Perforated Liner	11/12/2014	12,473.0	12,475.0	Niobrara, Original Hole
1,742.5	1,741.4	1.8				Perforated Liner	11/12/2014	12,539.0	12,541.0	Niobrara, Original Hole
2,807.7	2,806.6	2.1				Perforated Liner	11/12/2014	12,605.0	12,607.0	Niobrara, Original Hole
4,094.2	4,091.7	3.5				Perforated Liner	11/12/2014	12,671.0	12,673.0	Niobrara, Original Hole
5,207.0	5,203.7	3.6				Perforated Liner	11/12/2014	12,734.0	12,736.0	Niobrara, Original Hole
5,220.8	5,217.5	3.7				Perforated Liner	11/12/2014	12,803.0	12,805.0	Niobrara, Original Hole
5,896.0	5,893.3	38.3				Perforated Liner	11/12/2014	12,869.0	12,871.0	Niobrara, Original Hole
6,128.0	6,125.0	39.3				Perforated Liner	11/12/2014	12,934.0	12,936.0	Niobrara, Original Hole
6,220.1	6,216.7	39.1				Perforated Liner	11/12/2014	13,000.0	13,002.0	Niobrara, Original Hole
6,412.1	6,407.5	39.1				Perforated Liner	11/11/2014	13,066.0	13,068.0	Niobrara, Original Hole
6,553.1	6,547.5	39.3				Perforated Liner	11/11/2014	13,132.0	13,134.0	Niobrara, Original Hole
6,745.1	6,740.4	39.5				Perforated Liner	11/11/2014	13,198.0	13,200.0	Niobrara, Original Hole
6,878.0	6,873.0	39.0				Perforated Liner	11/11/2014	13,264.0	13,266.0	Niobrara, Original Hole
7,071.9	7,067.3	38.8				Perforated Liner	11/11/2014	13,330.0	13,332.0	Niobrara, Original Hole
7,206.0	7,201.5	39.0				Perforated Liner	11/11/2014	13,395.0	13,397.0	Niobrara, Original Hole
7,402.9	7,398.0	39.3				Perforated Liner	11/11/2014	13,461.0	13,463.0	Niobrara, Original Hole
7,537.1	7,532.0	39.1				Perforated Liner	11/11/2014	13,527.0	13,529.0	Niobrara, Original Hole
7,733.9	7,729.5	38.8				Perforated Liner	11/11/2014	13,590.0	13,592.0	Niobrara, Original Hole
7,868.1	7,863.1	39.5				Perforated Liner	11/11/2014	13,659.0	13,661.0	Niobrara, Original Hole
8,062.0	8,057.2	39.5				Perforated Liner	11/11/2014	13,725.0	13,727.0	Niobrara, Original Hole
8,194.9	8,190.5	39.5				Perforated Liner	11/11/2014	13,790.0	13,792.0	Niobrara, Original Hole
8,391.1	8,386.7	39.2				Perforated Liner	11/7/2014	13,856.0	13,858.0	Niobrara, Original Hole
8,524.9	8,520.0	39.3				Perforated Liner	11/7/2014	13,916.0	13,918.0	Niobrara, Original Hole
8,720.1	8,715.2	39.0				Perforated Liner	11/7/2014	13,988.0	13,990.0	Niobrara, Original Hole
8,854.0	8,849.1	39.3				Sand Frac on 11/10/2014 06:00				
9,044.0	9,039.7	39.5				Comment				
9,186.0	9,181.2	39.2				Treatment End Date:11/21/2014; Number of staged intervals: 40; Min frac gradient: 0.784 psi/ft; Number of perfs: 1440; Total 15% HCl used: 980 bbl; 183723 bbl Slickwater				
9,378.9	9,374.0	39.0				Stim/Treat Fluids				
9,512.1	9,507.4	39.8				15% HCL, <fluidtyp>				
9,706.0	9,701.3	39.5				Proppant Frm (lb) Total Clean Vol... Avg Treat Rate... Max Treat Rate... Avg Treat Press... P Max (psi) Frac Gradient (p...				
9,839.9	9,834.4	39.3				4,418,219.0 184703.00 60.40 75.90 4,793.0 7,110.0 0.78				
10,037.1	10,032.3	39.8				Stim/Treat Stages				
10,170.9	10,166.3	39.2				Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)				
10,365.2	10,360.7	39.2				1 11/10/2014 13,856.0 13,990.0 5210.20 5332.30				
10,500.0	10,495.4	39.8				Additive Type Amount Units Sand Size				
10,695.9	10,691.6	39.8				Proppant 30/50 WS 80,946.7 lb 20/40				
10,829.1	10,824.5	39.1			Additive Type Amount Units Sand Size					
11,024.9	11,020.3	39.6			Proppant 40/70 WS 32,467.0 lb 40/70					
11,159.1	11,154.7	39.7			Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
11,354.0	11,349.6	39.8			2 11/11/2014 13,659.0 13,792.0 5095.40 5213.40					
11,487.9	11,483.2	39.2			Additive Type Amount Units Sand Size					
11,683.1	11,678.5	39.9			Proppant 30/50 WS 106,267.8 lb 20/40					
11,816.9	11,812.3	39.8			Additive Type Amount Units Sand Size					
12,013.1	12,008.3	39.1			Proppant 40/70 WS 3,328.0 lb 40/70					
12,144.0	12,139.3	39.5			Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
12,341.9	12,337.2	39.0			3 11/11/2014 13,461.0 13,592.0 5064.20 5180.80					
12,475.1	12,470.5	39.5			Additive Type Amount Units Sand Size					
12,670.9	12,666.4	39.3			Proppant 30/50 WS 105,363.5 lb 20/40					
12,805.1	12,800.2	39.7			Additive Type Amount Units Sand Size					
13,000.0	12,995.4	39.4			Proppant 40/70 WS 2,947.0 lb 40/70					
13,133.9	13,129.3	39.8			Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
13,330.1	13,325.5	39.5			4 11/11/2014 13,264.0 13,397.0 5048.60 5170.20					
13,462.9	13,458.2	39.5			Additive Type Amount Units Sand Size					
13,659.1	13,654.4	39.4			Proppant 30/50 WS 109,771.2 lb 20/40					
13,792.0	13,787.3	39.7			Additive Type Amount Units Sand Size					
13,964.9	13,960.0	39.5			Proppant 40/70 WS 3,163.0 lb 40/70					
14,019.0	14,014.1	39.4			Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
14,112.5	14,107.7	39.2			5 11/11/2014 13,066.0 13,200.0 4562.50 4649.90					
					Additive Type Amount Units Sand Size					
					Proppant 30/50 WS 77,970.6 lb 20/40					
					Additive Type Amount Units Sand Size					
					Proppant 40/70 WS 3,253.0 lb 40/70					
					Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
					6 11/12/2014 12,869.0 13,002.0 4945.90 5061.60					
					Additive Type Amount Units Sand Size					
					Proppant 30/50 WS 104,413.1 lb 20/40					
					Additive Type Amount Units Sand Size					
					Proppant 40/70 WS 3,037.0 lb 40/70					
					Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
					7 11/12/2014 12,671.0 12,805.0 5305.90 5421.80					
					Additive Type Amount Units Sand Size					
					Proppant 30/50 WS 104,429.2 lb 20/40					
					Additive Type Amount Units Sand Size					
					Proppant 40/70 WS 3,230.0 lb 40/70					
					Stg # Start Date Top Depth (ftKB) Bottom Depth (ftKB) Vol Clean Pump (bbl) Vol Slurry (bbl)					
					8 11/12/2014 12,473.0 12,607.0 4864.50 4982.70					
					Additive Type Amount Units Sand Size					
					Proppant 30/50 WS 106,245.6 lb 20/40					



Lease Review
Well Name: RAZOR 21C-0906

Number 051233952400		WPC ID 1CO0761086		Well Permit Number		Field Name DJ Horizontal Niobrara		County Weld		State CO																	
Well Configuration Type Lateral/Horizontal				Orig KB Elv (ft) 4,860.80		Ground Elevation (ft) 4,844.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 14,125.0															
Original Spud Date 8/28/2014		Completion Date 11/21/2014		Asset Group Redtail		Responsible Engineer Charles Ohlson				N/S Dist (ft) 328.0		N/S Ref FNL		E/W Dist (ft) 1,831.0		E/W Ref FWL											
Lot		Quarter 1 NE		Quarter 2 NW		Quarter 3		Quarter 4		Section 21		Section Suffix		Section Type		Township 10 N		Township N/S Dir N		Range 58 W		Range E/W Dir W		Meridian			
Lateral/Horizontal - Original Hole, 3/5/2015 9:43:51 AM																											
MD (ftKB)		D (ft KB)		n ()		c ()		l ()		Vertical schematic (actual)		Logs		Additive Proppant				Type 40/70 WS		Amount 3,553.0		Units lb		Sand Size 40/70			
														Stg # 9		Start Date 11/13/2014		Top Depth (ftKB) 12,276.0		Bottom Depth (ftKB) 12,410.0		Vol Clean Pump (bbl) 6483.40		Vol Slurry (bbl) 6603.90			
48.2		48.2		3.3										Additive Proppant				Type 30/50 WS		Amount 109,787.2		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 2,101.0		Units lb		Sand Size 40/70			
1,742.5		1,742.5		1.9										Stg # 10				Start Date 11/13/2014		Top Depth (ftKB) 12,078.0		Bottom Depth (ftKB) 12,212.0		Vol Clean Pump (bbl) 4958.30		Vol Slurry (bbl) 5079.70	
														Additive Proppant				Type 30/50 WS		Amount 109,331.2		Units lb		Sand Size 20/40			
2,807.7		2,807.7		2.1										Additive Proppant				Type 40/70 WS		Amount 3,467.0		Units lb		Sand Size 40/70			
														Stg # 11				Start Date 11/13/2014		Top Depth (ftKB) 11,881.0		Bottom Depth (ftKB) 12,015.0		Vol Clean Pump (bbl) 4948.40		Vol Slurry (bbl) 5072.40	
4,094.2		4,094.2		3.5										Additive Proppant				Type 30/50 WS		Amount 111,941.7		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,268.0		Units lb		Sand Size 40/70			
5,207.0		5,207.0		1.8										Stg # 12				Start Date 11/13/2014		Top Depth (ftKB) 11,683.0		Bottom Depth (ftKB) 11,817.0		Vol Clean Pump (bbl) 4849.20		Vol Slurry (bbl) 4972.10	
														Additive Proppant				Type 30/50 WS		Amount 110,527.1		Units lb		Sand Size 20/40			
5,220.8		5,220.8		1.7										Additive Proppant				Type 40/70 WS		Amount 3,619.0		Units lb		Sand Size 40/70			
														Stg # 13				Start Date 11/14/2014		Top Depth (ftKB) 11,486.0		Bottom Depth (ftKB) 11,619.0		Vol Clean Pump (bbl) 4858.80		Vol Slurry (bbl) 4980.90	
5,896.0		5,896.0		0.63										Additive Proppant				Type 30/50 WS		Amount 109,910.7		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,526.0		Units lb		Sand Size 40/70			
6,128.0		6,128.0		0.67										Stg # 14				Start Date 11/14/2014		Top Depth (ftKB) 11,291.0		Bottom Depth (ftKB) 11,422.0		Vol Clean Pump (bbl) 4861.20		Vol Slurry (bbl) 4982.20	
														Additive Proppant				Type 30/50 WS		Amount 108,707.5		Units lb		Sand Size 20/40			
6,220.1		6,220.1		0.61										Additive Proppant				Type 40/70 WS		Amount 3,680.0		Units lb		Sand Size 40/70			
														Stg # 15				Start Date 11/14/2014		Top Depth (ftKB) 11,091.0		Bottom Depth (ftKB) 11,224.0		Vol Clean Pump (bbl) 4870.60		Vol Slurry (bbl) 4993.20	
6,412.1		6,412.1		0.11										Additive Proppant				Type 30/50 WS		Amount 110,563.1		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,303.0		Units lb		Sand Size 40/70			
6,553.1		6,553.1		0.63										Stg # 16				Start Date 11/14/2014		Top Depth (ftKB) 10,893.0		Bottom Depth (ftKB) 11,027.0		Vol Clean Pump (bbl) 4925.60		Vol Slurry (bbl) 5043.50	
														Additive Proppant				Type 30/50 WS		Amount 106,048.3		Units lb		Sand Size 20/40			
6,745.1		6,745.1		0.66										Additive Proppant				Type 40/70 WS		Amount 3,486.0		Units lb		Sand Size 40/70			
														Stg # 17				Start Date 11/14/2014		Top Depth (ftKB) 10,696.0		Bottom Depth (ftKB) 10,829.0		Vol Clean Pump (bbl) 4895.30		Vol Slurry (bbl) 5016.10	
6,878.0		6,878.0		0.66										Additive Proppant				Type 30/50 WS		Amount 108,772.8		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,452.0		Units lb		Sand Size 40/70			
7,071.9		7,071.9		0.62										Stg # 18				Start Date 11/15/2014		Top Depth (ftKB) 10,498.0		Bottom Depth (ftKB) 10,632.0		Vol Clean Pump (bbl) 4834.10		Vol Slurry (bbl) 4953.20	
														Additive Proppant				Type 30/50 WS		Amount 107,184.9		Units lb		Sand Size 20/40			
7,206.0		7,206.0		0.69										Additive Proppant				Type 40/70 WS		Amount 3,418.0		Units lb		Sand Size 40/70			
														Stg # 19				Start Date 11/15/2014		Top Depth (ftKB) 10,300.0		Bottom Depth (ftKB) 10,434.0		Vol Clean Pump (bbl) 4268.20		Vol Slurry (bbl) 4390.50	
7,402.9		7,402.9		0.61										Additive Proppant				Type 30/50 WS		Amount 110,111.1		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,500.0		Units lb		Sand Size 40/70			
7,537.1		7,537.1		0.61										Stg # 20				Start Date 11/15/2014		Top Depth (ftKB) 10,103.0		Bottom Depth (ftKB) 10,235.0		Vol Clean Pump (bbl) 4583.90		Vol Slurry (bbl) 4714.00	
														Additive Proppant				Type 30/50 WS		Amount 117,415.9		Units lb		Sand Size 20/40			
7,733.9		7,733.9		0.68										Additive Proppant				Type 40/70 WS		Amount 3,465.0		Units lb		Sand Size 40/70			
														Stg # 21				Start Date 11/15/2014		Top Depth (ftKB) 9,905.0		Bottom Depth (ftKB) 10,039.0		Vol Clean Pump (bbl) 4303.70		Vol Slurry (bbl) 4426.70	
7,868.1		7,868.1		0.68										Additive Proppant				Type 30/50 WS		Amount 110,772.0		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,480.0		Units lb		Sand Size 40/70			
8,062.0		8,062.0		0.65										Stg # 22				Start Date 11/15/2014		Top Depth (ftKB) 9,706.0		Bottom Depth (ftKB) 9,840.0		Vol Clean Pump (bbl) 4289.30		Vol Slurry (bbl) 4413.70	
														Additive Proppant				Type 30/50 WS		Amount 112,087.9		Units lb		Sand Size 20/40			
8,194.9		8,194.9		0.65										Additive Proppant				Type 40/70 WS		Amount 3,421.0		Units lb		Sand Size 40/70			
														Stg # 23				Start Date 11/16/2014		Top Depth (ftKB) 9,510.0		Bottom Depth (ftKB) 9,644.0		Vol Clean Pump (bbl) 4463.50		Vol Slurry (bbl) 4586.20	
8,391.1		8,391.1		0.12										Additive Proppant				Type 30/50 WS		Amount 110,571.0		Units lb		Sand Size 20/40			
														Additive Proppant				Type 40/70 WS		Amount 3,380.0		Units lb		Sand Size 40/70			
8,524.9		8,524.9		0.13										Stg # 24				Start Date 11/16/2014		Top Depth (ftKB) 9,313.0		Bottom Depth (ftKB) 9,443.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
8,720.1		8,720.1		0.12										Stg # 25				Start Date 11/16/2014		Top Depth (ftKB) 9,110.0		Bottom Depth (ftKB) 9,240.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
8,854.0		8,854.0		0.67										Stg # 26				Start Date 11/16/2014		Top Depth (ftKB) 8,913.0		Bottom Depth (ftKB) 9,043.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,044.0		9,044.0		0.68										Stg # 27				Start Date 11/16/2014		Top Depth (ftKB) 8,716.0		Bottom Depth (ftKB) 8,846.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,186.0		9,186.0		0.16										Stg # 28				Start Date 11/16/2014		Top Depth (ftKB) 8,519.0		Bottom Depth (ftKB) 8,649.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,378.9		9,378.9		0.65										Stg # 29				Start Date 11/16/2014		Top Depth (ftKB) 8,322.0		Bottom Depth (ftKB) 8,452.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,512.1		9,512.1		0.64										Stg # 30				Start Date 11/16/2014		Top Depth (ftKB) 8,125.0		Bottom Depth (ftKB) 8,255.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,706.0		9,706.0		0.65										Stg # 31				Start Date 11/16/2014		Top Depth (ftKB) 7,928.0		Bottom Depth (ftKB) 8,058.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
9,839.9		9,839.9		0.63										Stg # 32				Start Date 11/16/2014		Top Depth (ftKB) 7,731.0		Bottom Depth (ftKB) 7,861.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,037.1		10,037.1		0.68										Stg # 33				Start Date 11/16/2014		Top Depth (ftKB) 7,534.0		Bottom Depth (ftKB) 7,664.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,170.9		10,170.9		0.63										Stg # 34				Start Date 11/16/2014		Top Depth (ftKB) 7,337.0		Bottom Depth (ftKB) 7,467.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,365.2		10,365.2		0.62										Stg # 35				Start Date 11/16/2014		Top Depth (ftKB) 7,140.0		Bottom Depth (ftKB) 7,270.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,500.0		10,500.0		0.18										Stg # 36				Start Date 11/16/2014		Top Depth (ftKB) 6,943.0		Bottom Depth (ftKB) 7,073.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,695.9		10,695.9		0.64										Stg # 37				Start Date 11/16/2014		Top Depth (ftKB) 6,746.0		Bottom Depth (ftKB) 6,876.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
10,829.1		10,829.1		0.61										Stg # 38				Start Date 11/16/2014		Top Depth (ftKB) 6,549.0		Bottom Depth (ftKB) 6,679.0		Vol Clean Pump (bbl) 4289.20		Vol Slurry (bbl) 4411.40	
														Additive Proppant				Type 30/50 WS		Amount 110,358.6		Units lb		Sand Size 20/40			
11,024.9		11,024.9		0.63																							



Lease Review
Well Name: RAZOR 21C-0906

Well Number 051233952400		WPC ID 1CO0761086		Well Permit Number		Field Name DJ Horizontal Niobrara		County Weld		State CO								
Well Configuration Type Lateral/Horizontal				Orig KB Elv (ft) 4,860.80		Ground Elevation (ft) 4,844.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 14,125.0						
Original Spud Date 8/28/2014		Completion Date 11/21/2014		Asset Group Redtail		Responsible Engineer Charles Ohlson		N/S Dist (ft) 328.0		N/S Ref FNL		E/W Dist (ft) 1,831.0		E/W Ref FWL				
Lot		Quarter 1 NE	Quarter 2 NW	Quarter 3	Quarter 4	Section 21	Section Suffix	Section Type	Township 10 N	Township N/S Dir N	Range 58	Range E/W Dir W	Meridian					
Lateral/Horizontal - Original Hole, 3/5/2015 9:43:53 AM							Additive Proppant		Type 40/70 WS		Amount 3,130.0		Units lb	Sand Size 40/70				
MD (ftKB)	D (ft)	n (in)	c (in)	l (in)	Vertical schematic (actual)	Logs	Stg # 25	Start Date 11/16/2014		Top Depth (ftKB) 9,115.0		Bottom Depth (ftKB) 9,249.0		Vol Clean Pump (bbl) 4225.70		Vol Slurry (bbl) 4351.40		
48.2	48.2	3.5					Additive Proppant		Type 30/50 WS		Amount 113,211.0		Units lb	Sand Size 20/40				
1,742.5	1,741.8	1.5					Additive Proppant		Type 40/70 WS		Amount 3,555.0		Units lb	Sand Size 40/70				
2,807.7	2,806.4	2.1					Stg # 26	Start Date 11/16/2014		Top Depth (ftKB) 8,920.0		Bottom Depth (ftKB) 9,046.0		Vol Clean Pump (bbl) 4533.30		Vol Slurry (bbl) 4657.20		
4,094.2	4,091.7	3.5					Additive Proppant		Type 30/50 WS		Amount 111,561.5		Units lb	Sand Size 20/40				
5,207.0	5,203.7	3.3					Additive Proppant		Type 40/70 WS		Amount 3,530.0		Units lb	Sand Size 40/70				
5,220.8	5,217.5	3.3					Stg # 27	Start Date 11/16/2014		Top Depth (ftKB) 8,720.0		Bottom Depth (ftKB) 8,854.0		Vol Clean Pump (bbl) 4280.50		Vol Slurry (bbl) 4409.40		
5,896.0	5,893.0	3.0					Additive Proppant		Type 30/50 WS		Amount 116,428.0		Units lb	Sand Size 20/40				
6,128.0	6,125.0	3.0					Additive Proppant		Type 40/70 WS		Amount 3,305.0		Units lb	Sand Size 40/70				
6,220.1	6,216.1	4.0					Stg # 28	Start Date 11/17/2014		Top Depth (ftKB) 8,523.0		Bottom Depth (ftKB) 8,656.0		Vol Clean Pump (bbl) 4236.40		Vol Slurry (bbl) 4359.70		
6,412.1	6,407.2	4.9					Additive Proppant		Type 30/50 WS		Amount 111,079.4		Units lb	Sand Size 20/40				
6,553.1	6,547.2	5.9					Additive Proppant		Type 40/70 WS		Amount 3,441.0		Units lb	Sand Size 40/70				
6,745.1	6,740.2	4.9					Stg # 29	Start Date 11/17/2014		Top Depth (ftKB) 8,325.0		Bottom Depth (ftKB) 8,459.0		Vol Clean Pump (bbl) 4304.20		Vol Slurry (bbl) 4425.30		
6,878.0	6,869.9	8.0					Additive Proppant		Type 30/50 WS		Amount 109,052.0		Units lb	Sand Size 20/40				
7,071.9	7,072.0	9.9					Additive Proppant		Type 40/70 WS		Amount 3,427.0		Units lb	Sand Size 40/70				
7,206.0	7,205.2	8.8					Stg # 30	Start Date 11/19/2014		Top Depth (ftKB) 8,127.0		Bottom Depth (ftKB) 8,261.0		Vol Clean Pump (bbl) 4309.00		Vol Slurry (bbl) 4427.30		
7,402.9	7,402.0	9.9					Additive Proppant		Type 30/50 WS		Amount 106,808.0		Units lb	Sand Size 20/40				
7,537.1	7,537.0	10.1					Additive Proppant		Type 40/70 WS		Amount 3,050.3		Units lb	Sand Size 40/70				
7,733.9	7,733.0	10.9					Stg # 31	Start Date 11/19/2014		Top Depth (ftKB) 7,930.0		Bottom Depth (ftKB) 8,064.0		Vol Clean Pump (bbl) 4316.60		Vol Slurry (bbl) 4440.60		
7,868.1	7,868.1	10.5					Additive Proppant		Type 30/50 WS		Amount 112,060.0		Units lb	Sand Size 20/40				
8,062.0	8,062.0	10.2					Additive Proppant		Type 40/70 WS		Amount 3,136.0		Units lb	Sand Size 40/70				
8,194.9	8,194.9	10.5					Stg # 32	Start Date 11/19/2014		Top Depth (ftKB) 7,734.0		Bottom Depth (ftKB) 7,868.0		Vol Clean Pump (bbl) 4302.20		Vol Slurry (bbl) 4427.10		
8,391.1	8,391.1	10.3					Additive Proppant		Type 30/50 WS		Amount 112,950.0		Units lb	Sand Size 20/40				
8,524.9	8,524.9	10.3					Additive Proppant		Type 40/70 WS		Amount 3,089.1		Units lb	Sand Size 40/70				
8,720.1	8,720.1	10.0					Stg # 33	Start Date 11/19/2014		Top Depth (ftKB) 7,535.0		Bottom Depth (ftKB) 7,669.0		Vol Clean Pump (bbl) 4336.20		Vol Slurry (bbl) 4457.80		
8,854.0	8,854.0	10.7					Additive Proppant		Type 30/50 WS		Amount 109,820.0		Units lb	Sand Size 20/40				
9,044.0	9,044.0	10.3					Additive Proppant		Type 40/70 WS		Amount 3,127.0		Units lb	Sand Size 40/70				
9,186.0	9,186.0	10.2					Stg # 34	Start Date 11/19/2014		Top Depth (ftKB) 7,336.0		Bottom Depth (ftKB) 7,470.0		Vol Clean Pump (bbl) 4230.00		Vol Slurry (bbl) 4348.50		
9,378.9	9,378.9	10.0					Additive Proppant		Type 30/50 WS		Amount 106,825.0		Units lb	Sand Size 20/40				
9,512.1	9,512.1	10.8					Additive Proppant		Type 40/70 WS		Amount 3,246.8		Units lb	Sand Size 40/70				
9,706.0	9,706.0	10.5					Stg # 35	Start Date 11/20/2014		Top Depth (ftKB) 7,140.0		Bottom Depth (ftKB) 7,273.0		Vol Clean Pump (bbl) 4367.70		Vol Slurry (bbl) 4493.50		
9,839.9	9,839.9	10.3					Additive Proppant		Type 30/50 WS		Amount 113,509.0		Units lb	Sand Size 20/40				
10,037.1	10,037.1	10.8					Additive Proppant		Type 40/70 WS		Amount 3,374.0		Units lb	Sand Size 40/70				
10,170.9	10,170.9	10.2					Stg # 36	Start Date 11/20/2014		Top Depth (ftKB) 6,942.0		Bottom Depth (ftKB) 7,074.0		Vol Clean Pump (bbl) 4320.30		Vol Slurry (bbl) 4445.80		
10,365.2	10,365.2	10.3					Additive Proppant		Type 30/50 WS		Amount 113,428.1		Units lb	Sand Size 20/40				
10,500.0	10,500.0	10.5					Additive Proppant		Type 40/70 WS		Amount 3,132.7		Units lb	Sand Size 40/70				
10,695.9	10,695.9	10.6					Stg # 37	Start Date 11/20/2014		Top Depth (ftKB) 6,745.0		Bottom Depth (ftKB) 6,878.0		Vol Clean Pump (bbl) 3307.50		Vol Slurry (bbl) 3347.70		
10,829.1	10,829.1	10.1					Additive Proppant		Type 30/50 WS		Amount 33,604.0		Units lb	Sand Size 20/40				
11,024.9	11,024.9	10.8					Additive Proppant		Type 40/70 WS		Amount 3,707.0		Units lb	Sand Size 40/70				
11,159.1	11,159.1	10.7					Stg # 38	Start Date 11/20/2014		Top Depth (ftKB) 6,551.0		Bottom Depth (ftKB) 6,684.0		Vol Clean Pump (bbl) 4367.40		Vol Slurry (bbl) 4497.60		
11,354.0	11,354.0	10.8					Additive Proppant		Type 30/50 WS		Amount 117,166.3		Units lb	Sand Size 20/40				
11,487.9	11,487.9	10.7					Additive Proppant		Type 40/70 WS		Amount 3,763.5		Units lb	Sand Size 40/70				
11,683.1	11,683.1	10.9					Stg # 39	Start Date 11/20/2014		Top Depth (ftKB) 6,350.0		Bottom Depth (ftKB) 6,483.0		Vol Clean Pump (bbl) 4230.80		Vol Slurry (bbl) 4346.80		
11,816.9	11,816.9	10.5					Additive Proppant		Type 30/50 WS		Amount 105,275.0		Units lb	Sand Size 20/40				
12,013.1	12,013.1	10.1					Additive Proppant		Type 40/70 WS		Amount 2,505.0		Units lb	Sand Size 40/70				
12,144.0	12,144.0	10.8					Stg # 40	Start Date 11/21/2014		Top Depth (ftKB) 6,145.0		Bottom Depth (ftKB) 6,281.0		Vol Clean Pump (bbl) 4255.30		Vol Slurry (bbl) 4371.40		
12,341.9	12,341.9	10.5					Additive Proppant		Type 30/50 WS		Amount 105,003.5		Units lb	Sand Size 20/40				
12,475.1	12,475.1	10.5																
12,670.9	12,670.9	10.3																
12,805.1	12,805.1	10.7																
13,000.0	13,000.0	10.8																
13,133.9	13,133.9	10.5																
13,330.1	13,330.1	10.8																
13,462.9	13,462.9	10.5																
13,659.1	13,659.1	10.4																
13,792.0	13,792.0	10.7																
13,964.9	13,964.9	10.5																
14,019.0	14,019.0	10.4																
14,112.5	14,112.5	10.3																



Lease Review
Well Name: RAZOR 21C-0906

API Number 051233952400				WPC ID 1C00761086				Well Permit Number				Field Name DJ Horizontal Niobrara				County Weld		State CO	
Well Configuration Type Lateral/Horizontal						Orig KB Elv (ft) 4,860.80		Ground Elevation (ft) 4,844.00		Casing Flange Elevation (ft)			Tubing Head Elevation (ft)			Total Depth (ft)KB 14,125.0			
Original Spud Date 8/28/2014			Completion Date 11/21/2014		Asset Group Redtail			Responsible Engineer Charles Ohlson			N/S Dist (ft) 328.0		N/S Ref FNL		E/W Dist (ft) 1,831.0		E/W Ref FWL		
Lot		Quarter 1 NE	Quarter 2 NW	Quarter 3	Quarter 4	Section 21	Section Suffix	Section Type	Township 10	Township N/S Dir N	Range 58	Range E/W Dir W	Meridian						
Lateral/Horizontal - Original Hole, 3/5/2015 9:43:54 AM							Additive Proppant			Type 40/70 WS			Amount 2,878.5		Units lb		Sand Size 40/70		
MD (ftKB)	D (ft KB)	n c l (Vertical schematic (actual)				Logs		Tubing - Production set at 5,907.3ftKB on 12/29/2014 13:22										
									Set Depth (ftKB) 5,907.3		Comment				Run Date 12/29/2014		Pull Date		
								Item Des		OD (in)		ID (in)		Len (ft)		Top (ftKB)		Btm (ftKB)	
48.2		48.2		3.5				Tubing Hanger		2 7/8				0.60		16.2		16.8	
1,742.5		1,742.5		1.5				Cross Over		2 7/8				0.50		16.8		17.3	
2,807.7		2,808.4		2.1				Tubing		2 3/8		1.995		30.98		17.3		48.3	
4,094.2		4,091.7		3.5				Tubing Sub		2 3/8		1.995		2.08		48.3		50.3	
5,207.0		5,203.7		3.8				Tubing		2 3/8		1.995		1,764.08		50.3		1,814.4	
5,220.8		5,217.5		3.7				Gas Lift Mandrel #7		2 3/8				4.05		1,814.4		1,818.5	
5,896.0		5,893.0		3.0				Tubing		2 3/8		1.995		989.38		1,818.5		2,807.9	
6,128.0		6,125.0		3.0				Gas Lift Mandrel #6		2 3/8				4.05		2,807.9		2,811.9	
6,220.1		6,217.1		3.0				Tubing		2 3/8		1.995		748.04		2,811.9		3,559.9	
6,412.1		6,409.1		3.0				Gas Lift Mandrel #5		2 3/8				4.05		3,559.9		3,564.0	
6,553.1		6,550.1		3.0				Tubing		2 3/8		1.995		526.19		3,564.0		4,090.2	
6,745.1		6,742.1		3.0				Gas Lift Mandrel #4		2 3/8				4.05		4,090.2		4,094.2	
6,878.0		6,875.0		3.0				Tubing		2 3/8		1.995		554.84		4,094.2		4,649.1	
7,071.9		7,068.9		3.0				Gas Lift Mandrel #3		2 3/8				4.05		4,649.1		4,653.1	
7,206.0		7,203.0		3.0				Tubing		2 3/8		1.995		554.94		4,653.1		5,208.1	
7,402.9		7,399.9		3.0				Gas Lift Mandrel #2		2 3/8				4.05		5,208.1		5,212.1	
7,537.1		7,534.1		3.0				Tubing		2 3/8		1.995		30.79		5,212.1		5,242.9	
7,733.9		7,730.9		3.0				Cup Seating Nipple		2 3/8				1.15		5,242.9		5,244.1	
7,868.1		7,865.1		3.0				Tubing		2 3/8		1.995		616.89		5,244.1		5,860.9	
8,062.0		8,059.0		3.0				Gas Lift Mandrel #1		2 3/8				4.05		5,860.9		5,865.0	
8,194.9		8,191.9		3.0				Tubing		2 3/8		1.995		30.99		5,865.0		5,896.0	
8,391.1		8,388.1		3.0				ON/OFF TOOL		2 3/8				1.35		5,896.0		5,897.3	
8,524.9		8,521.9		3.0				Packer		2 3/8				10.00		5,897.3		5,907.3	
Rod Strings																			
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)				
CFP				4		11/21/2014			12/26/2014			6,307.0			6,309.0				
CFP				4		11/20/2014			12/26/2014			6,514.0			6,516.0				
CFP				4		11/20/2014			12/26/2014			6,700.0			6,702.0				
CFP				4		11/20/2014			12/27/2014			6,909.0			6,911.0				
CFP				4		11/20/2014			12/27/2014			7,098.0			7,100.0				
CFP				4		11/20/2014			12/27/2014			7,304.0			7,306.0				
CFP				4		11/20/2014			12/27/2014			7,496.0			7,498.0				
CFP				4		11/19/2014			12/27/2014			7,699.0			7,701.0				
CFP				4		11/19/2014			12/27/2014			7,883.0			7,885.0				
CFP				4		11/19/2014			12/27/2014			8,100.0			8,102.0				
CFP				4		11/19/2014			12/27/2014			8,275.0			8,277.0				
CFP				4		11/17/2014			12/27/2014			8,495.0			8,497.0				
CFP				4		11/17/2014			12/27/2014			8,672.0			8,674.0				
CFP				4		11/17/2014			12/27/2014			8,885.0			8,887.0				
CFP				4		11/16/2014			12/27/2014			9,070.0			9,072.0				
CFP				4		11/16/2014			12/27/2014			9,280.0			9,282.0				
CFP				4		11/16/2014			12/27/2014			9,466.0			9,468.0				
CFP				4		11/16/2014			12/27/2014			9,675.0			9,677.0				
CFP				4		11/16/2014			12/27/2014			9,864.0			9,866.0				
CFP				4		11/15/2014			12/27/2014			10,070.0			10,072.0				
CFP				4		11/15/2014			12/27/2014			10,259.0			10,261.0				
CFP				4		11/15/2014			12/27/2014			10,450.0			10,452.0				
CFP				4		11/15/2014			12/27/2014			10,658.0			10,660.0				
CFP				4		11/15/2014			12/27/2014			10,862.0			10,864.0				
CFP				4		11/14/2014			12/27/2014			11,053.0			11,055.0				
CFP				4		11/14/2014			12/27/2014			11,266.0			11,268.0				
CFP				4		11/14/2014			12/27/2014			11,436.0			11,438.0				
CFP				4		11/14/2014			12/27/2014			11,650.0			11,652.0				
CFP				4		11/13/2014			12/27/2014			11,840.0			11,842.0				
CFP				4		11/13/2014			12/27/2014			12,043.0			12,045.0				
CFP				4		11/13/2014			12/27/2014			12,243.0			12,245.0				
CFP				4		11/13/2014			12/27/2014			12,423.0			12,425.0				
CFP				4		11/12/2014			12/27/2014			12,637.0			12,639.0				
CFP				4		11/12/2014			12/27/2014			12,836.0			12,838.0				



Lease Review
Well Name: RAZOR 21C-0906

API Number 051233952400			WPC ID 1CO0761086			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO										
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 4,860.80			Ground Elevation (ft) 4,844.00			Casing Flange Elevation (ft)			Tubing Head Elevation (ft)			Total Depth (ftKB) 14,125.0								
Original Spud Date 8/28/2014			Completion Date 11/21/2014			Asset Group Redtail			Responsible Engineer Charles Ohlson			N/S Dist (ft) 328.0			N/S Ref FNL		E/W Dist (ft) 1,831.0			E/W Ref FWL					
Lot		Quarter 1 NE		Quarter 2 NW		Quarter 3		Quarter 4		Section 21		Section Suffix		Section Type		Township 10		Township N/S Dir N		Range 58		Range E/W Dir W		Meridian	
Lateral/Horizontal - Original Hole, 3/5/2015 9:43:55 AM										Other In Hole															
MD (ftKB)		D (ft KB)		n ()		c ()		Vertical schematic (actual)		Logs		Bottom Hole Cores													
												Des		OD (in)		Run Date		Pull Date		Top (ftKB)		Btm (ftKB)			
												CFP		4		11/12/2014		12/27/2014		13,033.0		13,035.0			
												CFP		4		11/11/2014		12/27/2014		13,231.0		13,233.0			
												CFP		4		11/11/2014		12/27/2014		13,410.0		13,412.0			
												CFP		4		11/11/2014		12/27/2014		13,614.0		13,616.0			
CFP		4		11/11/2014		12/27/2014		13,820.0		13,822.0															
												Date		Core #		Top (ftKB)		Btm (ftKB)		Recov (ft)					
48.2		48.2		3.3																					
1,742.5		1,742.5		1.9																					
2,807.7		2,808.4		2.1																					
4,094.2		4,091.7		3.5																					
5,207.0		5,203.7		1.8																					
5,220.8		5,217.5		1.7																					
5,896.0		5,893.0		0.5																					
6,128.0		6,125.6		0.7																					
6,220.1		6,189.1		0.1																					
6,412.1		6,377.5		0.1																					
6,553.1		6,513.5		0.3																					
6,745.1		6,694.4		0.5																					
6,878.0		6,809.9		0.6																					
7,071.9		6,973.2		0.9																					
7,206.0		6,975.5		0.9																					
7,402.9		6,976.6		0.1																					
7,537.1		6,977.8		0.1																					
7,733.9		6,979.5		0.9																					
7,868.1		6,980.1		0.5																					
8,062.0		6,977.3		0.5																					
8,194.9		6,974.5		0.5																					
8,391.1		6,969.7		0.1																					
8,524.9		6,964.0		0.1																					
8,720.1		6,959.3		0.1																					
8,854.0		6,955.1		0.7																					
9,044.0		6,960.7		0.9																					
9,186.0		6,961.5		0.5																					
9,378.9		6,960.1		0.1																					
9,512.1		6,955.4		0.1																					
9,706.0		6,956.3		0.5																					
9,839.9		6,958.4		0.9																					
10,037.1		6,960.3		0.8																					
10,170.9		6,960.3		0.2																					
10,365.2		6,960.7		0.3																					
10,500.0		6,971.6		0.9																					
10,695.9		6,972.8		0.6																					
10,829.1		6,975.2		0.1																					
11,024.9		6,979.3		0.6																					
11,159.1		6,979.7		0.7																					
11,354.0		6,979.6		0.8																					
11,487.9		6,981.5		0.7																					
11,683.1		6,986.9		0.3																					
11,816.9		6,989.2		0.9																					
12,013.1		6,991.3		0.1																					
12,144.0		6,991.3		0.8																					
12,341.9		6,991.2		0.5																					
12,475.1		6,991.8		0.5																					
12,670.9		6,985.4		0.3																					
12,805.1		6,990.0		0.7																					
13,000.0		6,991.5		0.8																					
13,133.9		6,992.8		0.9																					
13,330.1		6,992.5		0.4																					
13,462.9		6,995.2		0.6																					
13,659.1		6,996.4		0.1																					
13,792.0		6,992.7		0.1																					
13,964.9		6,990.6		0.4																					
14,019.0		6,990.1		0.4																					
14,112.5		6,989.2		0.7																					