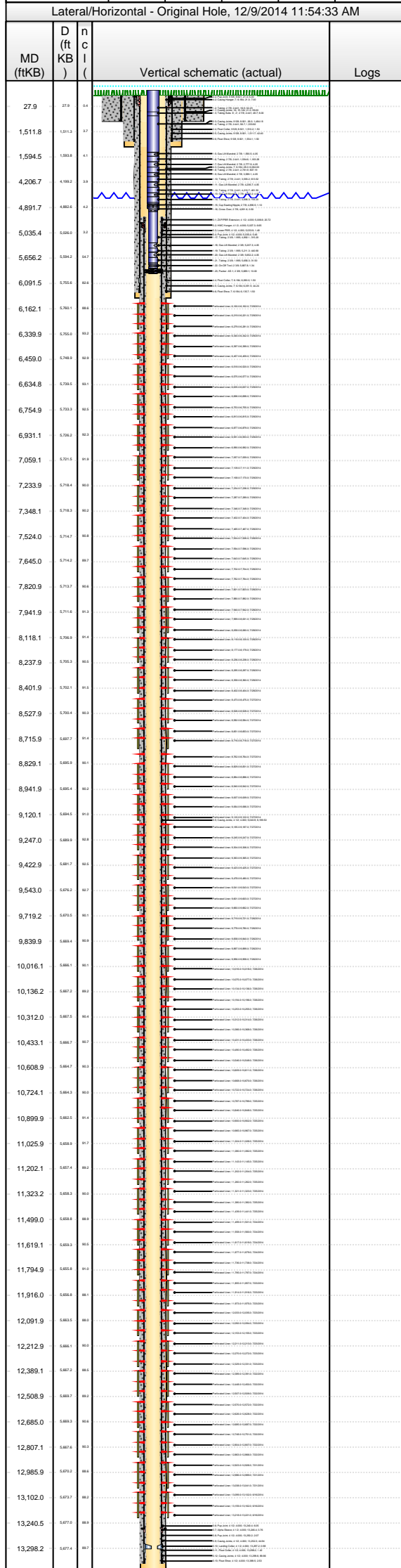




Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900	WPC ID 1CO076992	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,758.50	Ground Elevation (ft) 4,737.50	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,402.2
Original Spud Date 1/26/2014	Completion Date 7/30/2014	Asset Group Redtail	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,374.0	N/S Ref FSL
				E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26
			Section Suffix	Section Type	Township 10 N
					Township N/S Dir Range 58 W
					Range E/W Dir Meridian



Wellbore Sections					
Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	Original Hole	12/28/2013	24	21.0	80.0
Surface	Original Hole	1/26/2014	13 1/2	80.0	1,576.0
Intermediate	Original Hole	1/27/2014	8 3/4	1,576.0	6,152.0
Lateral	Original Hole	1/31/2014	6	6,152.0	13,402.2
Conductor Pipe, 80.0ftKB					
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
16	75.00	J-55	21.0	80.0	59.00
Casing Joints					
Surface Csg, 1,555.6ftKB					
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
9 5/8	36.00	J-55	21.0	21.0	0.00
Landing Joint					
9 5/8	36.00	J-55	21.0	26.0	5.00
Pup Joint					
9 5/8	36.00	J-55	26.0	1,510.2	1,484.18
Casing Joints					
9 5/8	36.00	J-55	1,510.2	1,511.7	1.50
Float Collar					
9 5/8	36.00	J-55	1,511.7	1,554.1	42.40
Casing Joints					
9 5/8	36.00	J-55	1,554.1	1,555.6	1.50
Float Shoe					
Intermediate Csg, 6,137.2ftKB					
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
7	29.00	L-80	21.0	21.0	0.00
Landing Joint					
7	29.00	L-80	21.0	28.0	7.00
Casing Hanger					
7	29.00	L-80	28.0	6,090.0	6,062.00
Casing Joints					
7	29.00	L-80	6,090.0	6,091.5	1.50
Float Collar					
7	29.00	L-80	6,091.5	6,135.7	44.24
Casing Joints					
7	29.00	L-80	6,135.7	6,137.2	1.50
Float Shoe					
Liner, 13,392.0ftKB					
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
4 1/2	11.60	L-80	5,006.6	5,027.3	20.72
ZXP/PBR Extension					
4 1/2	11.60	L-80	5,027.3	5,033.9	6.65
HMC Hanger					
4 1/2	11.60	L-80	5,033.9	5,035.4	1.49
Lower PBR					
4 1/2	11.60	L-80	5,035.4	5,040.9	5.46
Pup Joint					
4 1/2	11.60	L-80	5,040.9	13,240.4	8,199.50
Casing Joints					
4 1/2	11.60	L-80	13,240.4	13,246.4	6.05
Pup Joint					
4 1/2	11.60	L-80	13,246.4	13,250.2	3.76
Alpha Sleeve					
4 1/2	11.60	L-80	13,250.2	13,252.3	2.07
Pup Joint					
4 1/2	11.60	L-80	13,252.3	13,297.2	44.94
Casing Joints					
4 1/2	11.60	L-80	13,297.2	13,298.2	0.98
Landing Collar					
4 1/2	11.60	L-80	13,298.2	13,299.6	1.42
Float Collar					
4 1/2	11.60	L-80	13,299.6	13,389.5	89.86
Casing Joints					
4 1/2	11.60	L-80	13,389.5	13,392.0	2.53
Float Shoe					
Cement Stages					
Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement	12/28/2013		21.0	80.0	Returns to Surface
Surface Casing Cement	1/26/2014		21.0	1,555.6	Returns to Surface
Intermediate Casing Cement	1/30/2014		21.0	6,137.2	Returns to Surface
Liner Cement	2/5/2014		5,006.6	13,392.0	Returns to Surface
Perforations					
Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	
Perforated Liner	7/29/2014	6,160.0	6,162.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,219.0	6,221.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,279.0	6,281.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,340.0	6,342.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,397.0	6,399.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,457.0	6,459.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,518.0	6,520.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,575.0	6,577.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,635.0	6,637.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,696.0	6,698.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,753.0	6,755.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,813.0	6,815.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,877.0	6,879.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,931.0	6,933.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	6,990.0	6,992.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,057.0	7,059.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,109.0	7,111.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,168.0	7,170.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,234.0	7,236.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,287.0	7,289.0	Niobrara, Original Hole	
Perforated Liner	7/29/2014	7,346.0	7,348.0	Niobrara, Original Hole	
Perforated Liner	7/28/2014	7,402.0	7,404.0	Niobrara, Original Hole	
Perforated Liner	7/28/2014	7,465.0	7,467.0	Niobrara, Original Hole	
Perforated Liner	7/28/2014	7,524.0	7,526.0	Niobrara, Original Hole	



Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900	WPC ID 1C0076992	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,758.50	Ground Elevation (ft) 4,737.50	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ft)KB 13,402.2
Original Spud Date 1/26/2014	Completion Date 7/30/2014	Asset Group Redtail	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,374.0	N/S Ref FSL
				E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26
					Section Suffix
					Section Type
					Township 10 N
					Township N/S Dir
					Range 58
					Range E/W Dir W
					Meridian

Lateral/Horizontal - Original Hole, 12/9/2014 11:54:34 AM						Perforations				
MD (ft)KB	D (ft)KB	nc l	Vertical schematic (actual)	Logs	Type of Hole	Date	Top (ft)KB	Btm (ft)KB	Zone	
27.9	27.9	3.0			Perforated Liner	7/28/2014	7,594.0	7,596.0	Niobrara, Original Hole	
1,511.8	1,511.3	3.0			Perforated Liner	7/28/2014	7,643.0	7,645.0	Niobrara, Original Hole	
1,594.5	1,593.8	4.0			Perforated Liner	7/28/2014	7,702.0	7,704.0	Niobrara, Original Hole	
4,206.7	4,199.2	3.0			Perforated Liner	7/28/2014	7,762.0	7,764.0	Niobrara, Original Hole	
4,891.7	4,880.0	4.0			Perforated Liner	7/28/2014	7,821.0	7,823.0	Niobrara, Original Hole	
5,035.4	5,026.0	3.0			Perforated Liner	7/28/2014	7,880.0	7,882.0	Niobrara, Original Hole	
5,656.2	5,644.0	3.0			Perforated Liner	7/28/2014	7,940.0	7,942.0	Niobrara, Original Hole	
6,091.5	6,075.0	3.0			Perforated Liner	7/28/2014	7,999.0	8,001.0	Niobrara, Original Hole	
6,162.1	6,150.0	3.0			Perforated Liner	7/28/2014	8,058.0	8,060.0	Niobrara, Original Hole	
6,339.9	6,325.0	3.0			Perforated Liner	7/28/2014	8,118.0	8,120.0	Niobrara, Original Hole	
6,459.0	6,445.0	3.0			Perforated Liner	7/28/2014	8,177.0	8,179.0	Niobrara, Original Hole	
6,634.8	6,615.0	3.0			Perforated Liner	7/28/2014	8,236.0	8,238.0	Niobrara, Original Hole	
6,754.9	6,735.0	3.0			Perforated Liner	7/28/2014	8,295.0	8,297.0	Niobrara, Original Hole	
6,931.1	6,910.0	3.0			Perforated Liner	7/28/2014	8,358.0	8,360.0	Niobrara, Original Hole	
7,059.1	7,035.0	3.0			Perforated Liner	7/28/2014	8,402.0	8,404.0	Niobrara, Original Hole	
7,233.9	7,210.0	3.0			Perforated Liner	7/27/2014	8,473.0	8,475.0	Niobrara, Original Hole	
7,348.1	7,325.0	3.0			Perforated Liner	7/27/2014	8,526.0	8,528.0	Niobrara, Original Hole	
7,524.0	7,500.0	3.0			Perforated Liner	7/27/2014	8,582.0	8,584.0	Niobrara, Original Hole	
7,645.0	7,620.0	3.0			Perforated Liner	7/27/2014	8,651.0	8,653.0	Niobrara, Original Hole	
7,820.9	7,795.0	3.0			Perforated Liner	7/27/2014	8,716.0	8,718.0	Niobrara, Original Hole	
7,941.9	7,915.0	3.0			Perforated Liner	7/27/2014	8,762.0	8,764.0	Niobrara, Original Hole	
8,118.1	8,090.0	3.0			Perforated Liner	7/27/2014	8,829.0	8,831.0	Niobrara, Original Hole	
8,237.9	8,210.0	3.0			Perforated Liner	7/27/2014	8,884.0	8,886.0	Niobrara, Original Hole	
8,401.9	8,370.0	3.0			Perforated Liner	7/27/2014	8,940.0	8,942.0	Niobrara, Original Hole	
8,527.9	8,495.0	3.0			Perforated Liner	7/27/2014	9,007.0	9,009.0	Niobrara, Original Hole	
8,715.9	8,685.0	3.0			Perforated Liner	7/27/2014	9,064.0	9,066.0	Niobrara, Original Hole	
8,829.1	8,795.0	3.0			Perforated Liner	7/27/2014	9,120.0	9,122.0	Niobrara, Original Hole	
8,941.9	8,910.0	3.0			Perforated Liner	7/27/2014	9,185.0	9,187.0	Niobrara, Original Hole	
9,120.1	9,085.0	3.0			Perforated Liner	7/27/2014	9,245.0	9,247.0	Niobrara, Original Hole	
9,247.0	9,215.0	3.0			Perforated Liner	7/27/2014	9,304.0	9,306.0	Niobrara, Original Hole	
9,422.9	9,390.0	3.0			Perforated Liner	7/27/2014	9,363.0	9,365.0	Niobrara, Original Hole	
9,543.0	9,510.0	3.0			Perforated Liner	7/27/2014	9,423.0	9,425.0	Niobrara, Original Hole	
9,719.2	9,685.0	3.0			Perforated Liner	7/27/2014	9,478.0	9,480.0	Niobrara, Original Hole	
9,839.9	9,810.0	3.0			Perforated Liner	7/27/2014	9,541.0	9,543.0	Niobrara, Original Hole	
10,016.1	9,985.0	3.0			Perforated Liner	7/27/2014	9,601.0	9,603.0	Niobrara, Original Hole	
10,136.2	10,110.0	3.0			Perforated Liner	7/27/2014	9,660.0	9,662.0	Niobrara, Original Hole	
10,312.0	10,285.0	3.0			Perforated Liner	7/26/2014	9,719.0	9,721.0	Niobrara, Original Hole	
10,433.1	10,405.0	3.0			Perforated Liner	7/26/2014	9,778.0	9,780.0	Niobrara, Original Hole	
10,608.9	10,575.0	3.0			Perforated Liner	7/26/2014	9,838.0	9,840.0	Niobrara, Original Hole	
10,724.1	10,690.0	3.0			Perforated Liner	7/26/2014	9,897.0	9,899.0	Niobrara, Original Hole	
10,899.9	10,860.0	3.0	Perforated Liner	7/26/2014	9,956.0	9,958.0	Niobrara, Original Hole			
11,025.9	10,985.0	3.0	Perforated Liner	7/26/2014	10,016.0	10,018.0	Niobrara, Original Hole			
11,202.1	11,165.0	3.0	Perforated Liner	7/26/2014	10,075.0	10,077.0	Niobrara, Original Hole			
11,323.2	11,285.0	3.0	Perforated Liner	7/26/2014	10,134.0	10,136.0	Niobrara, Original Hole			
11,499.0	11,460.0	3.0	Perforated Liner	7/26/2014	10,194.0	10,196.0	Niobrara, Original Hole			
11,619.1	11,580.0	3.0	Perforated Liner	7/26/2014	10,253.0	10,255.0	Niobrara, Original Hole			
11,794.9	11,755.0	3.0	Perforated Liner	7/26/2014	10,312.0	10,314.0	Niobrara, Original Hole			
11,916.0	11,875.0	3.0	Perforated Liner	7/26/2014	10,366.0	10,368.0	Niobrara, Original Hole			
12,091.9	12,045.0	3.0	Perforated Liner	7/26/2014	10,431.0	10,433.0	Niobrara, Original Hole			
12,212.9	12,165.0	3.0	Perforated Liner	7/26/2014	10,490.0	10,492.0	Niobrara, Original Hole			
12,389.1	12,345.0	3.0	Perforated Liner	7/26/2014	10,546.0	10,548.0	Niobrara, Original Hole			
12,508.9	12,465.0	3.0	Perforated Liner	7/26/2014	10,609.0	10,611.0	Niobrara, Original Hole			
12,685.0	12,635.0	3.0	Perforated Liner	7/26/2014	10,668.0	10,670.0	Niobrara, Original Hole			
12,807.1	12,755.0	3.0	Perforated Liner	7/26/2014	10,722.0	10,724.0	Niobrara, Original Hole			
12,985.9	12,935.0	3.0	Perforated Liner	7/25/2014	10,787.0	10,789.0	Niobrara, Original Hole			
13,102.0	13,050.0	3.0	Perforated Liner	7/25/2014	10,846.0	10,848.0	Niobrara, Original Hole			
13,240.5	13,185.0	3.0	Perforated Liner	7/25/2014	10,900.0	10,902.0	Niobrara, Original Hole			
13,298.2	13,235.0	3.0	Perforated Liner	7/25/2014	10,965.0	10,967.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	10,965.0	10,967.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,024.0	11,026.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,080.0	11,082.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,143.0	11,145.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,202.0	11,204.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,260.0	11,262.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,321.0	11,323.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,380.0	11,382.0	Niobrara, Original Hole			
			Perforated Liner	7/25/2014	11,439.0	11,441.0	Niobrara, Original Hole			
			Perforated Liner	7/24/2014	11,499.0	11,501.0	Niobrara, Original Hole			
			Perforated Liner	7/24/2014	11,558.0	11,560.0	Niobrara, Original Hole			
			Perforated Liner	7/24/2014	11,617.0	11,619.0	Niobrara, Original Hole			
			Perforated Liner	7/24/2014	11,677.0	11,679.0	Niobrara, Original Hole			
			Perforated Liner	7/24/2014	11,736.0	11,738.0	Niobrara, Original Hole			

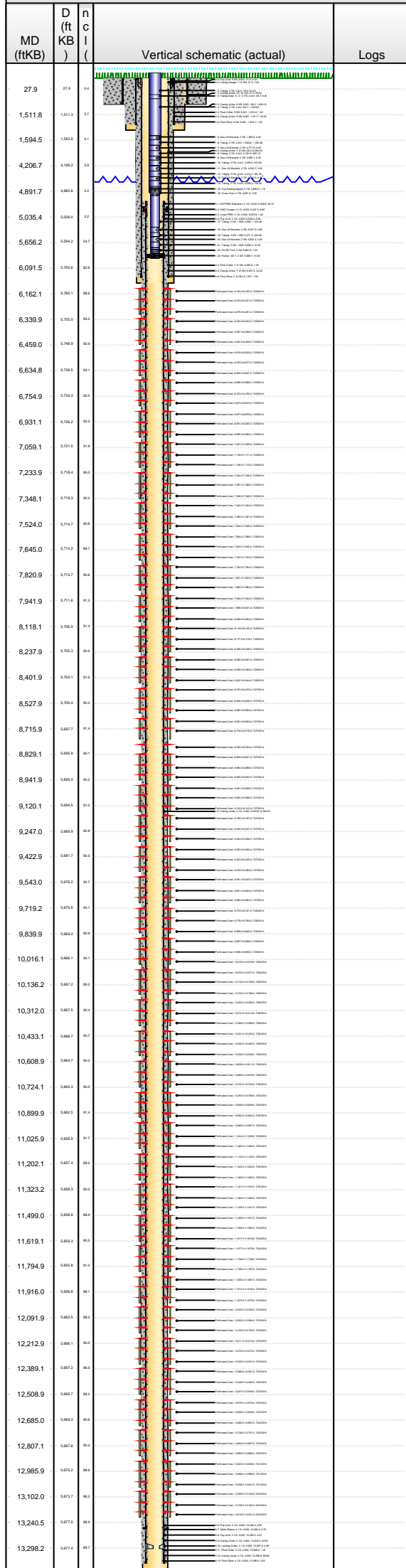


Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900	WPC ID 1CO076992	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,758.50	Ground Elevation (ft) 4,737.50	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,402.2
Original Spud Date 1/26/2014	Completion Date 7/30/2014	Asset Group Redtail	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,374.0	N/S Ref FSL
				E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26
					Section Suffix
					Section Type
					Township 10 N
					Township N/S Dir
					Range 58 W
					Range E/W Dir
					Meridian

Lateral/Horizontal - Original Hole, 12/9/2014 11:54:35 AM



Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated Liner	7/24/2014	11,795.0	11,797.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	11,855.0	11,857.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	11,914.0	11,916.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	11,973.0	11,975.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,033.0	12,035.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,092.0	12,094.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,153.0	12,155.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,211.0	12,213.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,270.0	12,272.0	Niobrara, Original Hole
Perforated Liner	7/23/2014	12,329.0	12,331.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,389.0	12,391.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,448.0	12,450.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,507.0	12,509.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,570.0	12,572.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,626.0	12,628.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,685.0	12,687.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,748.0	12,751.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,804.0	12,807.0	Niobrara, Original Hole
Perforated Liner	7/22/2014	12,863.0	12,866.0	Niobrara, Original Hole
Perforated Liner	7/21/2014	12,923.0	12,926.0	Niobrara, Original Hole
Perforated Liner	7/21/2014	12,986.0	12,989.0	Niobrara, Original Hole
Perforated Liner	7/21/2014	13,038.0	13,041.0	Niobrara, Original Hole
Perforated Liner	6/16/2014	13,099.0	13,102.0	Niobrara, Original Hole
Perforated Liner	6/16/2014	13,159.0	13,162.0	Niobrara, Original Hole
Perforated Liner	6/16/2014	13,218.0	13,221.0	Niobrara, Original Hole

Sand Frac on 7/21/2014 06:00

Comment	Min Top De...	Max Btm D...	Frac Length (ft)
Treatment End Date:7/29/2014; Number of staged intervals: 40; Number of perms: 1440; Min frac gradient: 0.812 psi/ft; 79181 bbl YF822LpH CMHPG XL Zirronate Gel, 91066 bbl Linear Gel, 34339 bbl Slickwater, 962 bbl 15% HCL	6,160.0	13,221.0	7,061.00

Stim/Treat Fluids

22#-24# YF822LpH CMHPG XL Zirronate Gel; Linear Ge, <fluidtyp>					
Proppant Frm (lb)	Total Clean Vol...	Avg Treat Rate...	Max Treat Rate...	Avg Treat Press...	P Max (psi)
5,347,963.0	127461.00	44.90	58.00	4,525.0	8,408.0
					Frac Gradient (p...)
					0.86

Stim/Treat Stages

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
1	7/21/2014	13,099.0	13,221.0	3025.00	3115.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	3,042.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	79,619.0	lb	16/30	
2	7/22/2014	12,923.0	13,041.0	3087.00	3201.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	2,729.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	103,314.0	lb	16/30	
3	7/22/2014	12,748.0	12,866.0	3080.00	3168.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	2,987.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	78,820.0	lb	16/30	
4	7/22/2014	12,570.0	12,687.0	3559.00	3724.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	2,898.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	149,831.0	lb	16/30	
5	7/23/2014	12,389.0	12,509.0	3733.00	3885.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	3,048.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	137,834.0	lb	16/30	
6	7/23/2014	12,211.0	12,331.0	3367.00	3532.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	3,079.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	149,562.0	lb	16/30	
7	7/23/2014	12,033.0	12,155.0	3778.00	3620.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	2,520.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	143,826.0	lb	16/30	
8	7/24/2014	11,855.0	11,975.0	3327.00	486.00
Additive					
Proppant	Type	Amount	Units	Sand Size	
	100 Mesh	3,041.0	lb	100 mesh white	
Additive					
Proppant	Type	Amount	Units	Sand Size	
	Jordan Unimin 16/30	144,680.0	lb	16/30	



Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900	WPC ID 1C0076992	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,758.50	Ground Elevation (ft) 4,737.50	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,402.2
Original Spud Date 1/26/2014	Completion Date 7/30/2014	Asset Group Redtail	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,374.0	N/S Ref FSL
				E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26
			Section Suffix	Section Type	Township 10 N
					Township N/S Dir Range 58 W
					Meridian

Lateral/Horizontal - Original Hole, 12/9/2014 11:54:36 AM **Stim/Treat Stages**

MD (ftKB)	D (ftKB)	n c l	Vertical schematic (actual)	Logs	Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
27.9	27.9	1.1			9	7/24/2014	11,677.0	11,797.0	3308.00	3471.00
1,511.8	1,511.8	1.3			Additive Proppant	Type 100 Mesh	Amount 2,745.0	Units lb	Sand Size 100 mesh white	
1,594.5	1,594.5	1.1			Additive Proppant	Type Jordan Unimin 16/30	Amount 148,435.0	Units lb	Sand Size 16/30	
4,206.7	4,199.2	1.8			10	7/24/2014	11,499.0	11,619.0	3321.00	3489.00
4,891.7	4,880.4	1.2			Additive Proppant	Type 100 Mesh	Amount 2,831.0	Units lb	Sand Size 100 mesh white	
5,035.4	5,026.0	1.2			Additive Proppant	Type Jordan Unimin 16/30	Amount 152,491.0	Units lb	Sand Size 16/30	
5,656.2	5,644.2	1.4			11	7/25/2014	11,321.0	11,441.0	3350.00	3517.00
6,091.5	6,079.5	1.6			Additive Proppant	Type 100 Mesh	Amount 3,036.0	Units lb	Sand Size 100 mesh white	
6,162.1	6,150.1	1.8			Additive Proppant	Type Jordan Unimin 16/30	Amount 151,170.0	Units lb	Sand Size 16/30	
6,339.9	6,327.9	1.9			12	7/25/2014	11,143.0	11,262.0	3417.00	3583.00
6,459.0	6,447.0	1.9			Additive Proppant	Type 100 Mesh	Amount 3,007.0	Units lb	Sand Size 100 mesh white	
6,634.8	6,622.8	1.9			Additive Proppant	Type Jordan Unimin 16/30	Amount 150,176.0	Units lb	Sand Size 16/30	
6,754.9	6,742.9	1.9			13	7/25/2014	10,965.0	11,082.0	3234.00	3399.00
6,931.1	6,919.1	1.9			Additive Proppant	Type 100 Mesh	Amount 3,016.0	Units lb	Sand Size 100 mesh white	
7,059.1	7,047.1	1.9			Additive Proppant	Type Jordan Unimin 16/30	Amount 149,291.0	Units lb	Sand Size 16/30	
7,233.9	7,221.9	1.9			14	7/25/2014	10,787.0	10,902.0	3158.00	3304.00
7,348.1	7,336.1	1.9			Additive Proppant	Type 100 Mesh	Amount 2,214.0	Units lb	Sand Size 100 mesh white	
7,524.0	7,512.0	1.9			Additive Proppant	Type Jordan Unimin 16/30	Amount 133,002.0	Units lb	Sand Size 16/30	
7,645.0	7,633.0	1.9			15	7/26/2014	10,609.0	10,724.0	3234.00	3400.00
7,820.9	7,808.9	1.9			Additive Proppant	Type 100 Mesh	Amount 2,776.0	Units lb	Sand Size 100 mesh white	
7,941.9	7,929.9	1.9			Additive Proppant	Type Jordan Unimin 16/30	Amount 151,340.0	Units lb	Sand Size 16/30	
8,118.1	8,106.1	1.9			16	7/26/2014	10,431.0	10,548.0	3403.00	3567.00
8,237.9	8,225.9	1.9			Additive Proppant	Type 100 Mesh	Amount 3,575.0	Units lb	Sand Size 100 mesh white	
8,401.9	8,389.9	1.9			Additive Proppant	Type Jordan Unimin 16/30	Amount 147,720.0	Units lb	Sand Size 16/30	
8,527.9	8,515.9	1.9	17	7/26/2014	10,253.0	10,368.0	2914.00	3004.00		
8,715.9	8,703.9	1.9	Additive Proppant	Type 100 Mesh	Amount 2,029.0	Units lb	Sand Size 100 mesh white			
8,829.1	8,817.1	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 82,162.0	Units lb	Sand Size 16/30			
8,941.9	8,929.9	1.9	18	7/26/2014	10,075.0	10,196.0	2959.00	3067.00		
9,120.1	9,108.1	1.9	Additive Proppant	Type 100 Mesh	Amount 2,990.0	Units lb	Sand Size 100 mesh white			
9,247.0	9,235.0	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 96,470.0	Units lb	Sand Size 16/30			
9,422.9	9,410.9	1.9	19	7/26/2014	9,897.0	10,018.0	3163.00	3305.00		
9,543.0	9,531.0	1.9	Additive Proppant	Type 100 Mesh	Amount 2,815.0	Units lb	Sand Size 100 mesh white			
9,719.2	9,707.2	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 128,973.0	Units lb	Sand Size 16/30			
9,839.9	9,827.9	1.9	20	7/26/2014	9,719.0	9,840.0	1561.00	1563.00		
10,016.1	10,004.1	1.9	Additive Proppant	Type 100 Mesh	Amount 1,046.0	Units lb	Sand Size 100 mesh white			
10,136.2	10,124.2	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 3,094.0	Units lb	Sand Size 100 mesh white			
10,312.0	10,300.0	1.9	21	7/27/2014	9,541.0	9,662.0	3279.00	3445.00		
10,433.1	10,421.1	1.9	Additive Proppant	Type 100 Mesh	Amount 3,094.0	Units lb	Sand Size 100 mesh white			
10,608.9	10,596.9	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 150,414.0	Units lb	Sand Size 16/30			
10,724.1	10,712.1	1.9	22	7/27/2014	9,363.0	9,480.0	3274.00	3438.00		
10,899.9	10,887.9	1.9	Additive Proppant	Type 100 Mesh	Amount 2,495.0	Units lb	Sand Size 100 mesh white			
11,025.9	11,013.9	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 149,642.0	Units lb	Sand Size 16/30			
11,202.1	11,190.1	1.9	23	7/27/2014	9,185.0	9,306.0	3266.00	3430.00		
11,323.2	11,311.2	1.9	Additive Proppant	Type 100 Mesh	Amount 3,025.0	Units lb	Sand Size 100 mesh white			
11,499.0	11,487.0	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 148,817.0	Units lb	Sand Size 16/30			
11,619.1	11,607.1	1.9	24	7/27/2014	9,007.0	9,122.0	2752.00	2825.00		
11,794.9	11,782.9	1.9	Additive Proppant	Type 100 Mesh	Amount 2,871.0	Units lb	Sand Size 100 mesh white			
11,916.0	11,904.0	1.9	Additive Proppant	Type Jordan Unimin 16/30	Amount 64,976.0	Units lb	Sand Size 16/30			
12,091.9	12,079.9	1.9								
12,212.9	12,200.9	1.9								
12,389.1	12,377.1	1.9								
12,508.9	12,496.9	1.9								
12,685.0	12,673.0	1.9								
12,807.1	12,795.1	1.9								
12,985.9	12,973.9	1.9								
13,102.0	13,090.0	1.9								
13,240.5	13,228.5	1.9								
13,298.2	13,286.2	1.9								



Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900	WPC ID 1C0076992	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,758.50	Ground Elevation (ft) 4,737.50	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,402.2
Original Spud Date 1/26/2014	Completion Date 7/30/2014	Asset Group Redtail	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,374.0	N/S Ref FSL
				E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26
					Section Suffix
					Section Type
					Township 10 N
					Township N/S Dir
					Range 58 W
					Range E/W Dir
					Meridian

Lateral/Horizontal - Original Hole, 12/9/2014 11:54:38 AM **Stim/Treat Stages**

MD (ftKB)	D (ft)	n	c	l	Vertical schematic (actual)	Logs	Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
27.9	27.9	1.0	1.0	1.0			25	7/27/2014	8,829.0	8,942.0	3272.00	3436.00
1,511.8	1,511.8	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 2,638.0	Units lb	Sand Size 100 mesh white	
1,594.5	1,594.5	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 149,111.0	Units lb	Sand Size 16/30	
4,206.7	4,199.2	1.0	1.0	1.0			26	7/27/2014	8,651.0	8,742.0	3209.00	3376.00
4,891.7	4,880.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,031.0	Units lb	Sand Size 100 mesh white	
5,035.4	5,030.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 150,532.0	Units lb	Sand Size 16/30	
5,656.2	5,642.0	1.0	1.0	1.0			27	7/27/2014	8,473.0	8,584.0	3115.00	3280.00
6,091.5	6,075.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,041.0	Units lb	Sand Size 100 mesh white	
6,162.1	6,150.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 149,632.0	Units lb	Sand Size 16/30	
6,339.9	6,330.0	1.0	1.0	1.0			28	7/28/2014	8,295.0	8,404.0	3107.00	3269.00
6,459.0	6,448.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,036.0	Units lb	Sand Size 100 mesh white	
6,634.8	6,625.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 147,162.0	Units lb	Sand Size 16/30	
6,754.9	6,735.0	1.0	1.0	1.0			29	7/28/2014	8,118.0	8,238.0	3009.00	3080.00
6,931.1	6,920.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 1,033.0	Units lb	Sand Size 100 mesh white	
7,059.1	7,045.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 64,837.0	Units lb	Sand Size 16/30	
7,233.9	7,218.0	1.0	1.0	1.0			30	7/28/2014	7,940.0	8,060.0	3162.00	3310.00
7,348.1	7,335.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 2,544.0	Units lb	Sand Size 100 mesh white	
7,524.0	7,512.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 134,799.0	Units lb	Sand Size 16/30	
7,645.0	7,632.0	1.0	1.0	1.0			31	7/28/2014	7,762.0	7,882.0	3295.00	3449.00
7,820.9	7,805.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,971.0	Units lb	Sand Size 100 mesh white	
7,941.9	7,918.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 138,087.0	Units lb	Sand Size 16/30	
8,118.1	8,100.0	1.0	1.0	1.0			32	7/28/2014	7,594.0	7,704.0	3253.00	3419.00
8,237.9	8,225.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,036.0	Units lb	Sand Size 100 mesh white	
8,401.9	8,390.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 150,532.0	Units lb	Sand Size 16/30	
8,527.9	8,515.0	1.0	1.0	1.0			33	7/28/2014	7,402.0	7,526.0	3125.00	3292.00
8,629.1	8,615.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,160.0	Units lb	Sand Size 100 mesh white	
8,841.9	8,825.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 150,940.0	Units lb	Sand Size 16/30	
9,120.1	9,105.0	1.0	1.0	1.0			34	7/29/2014	7,234.0	7,348.0	3124.00	3289.00
9,247.0	9,230.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,010.0	Units lb	Sand Size 100 mesh white	
9,422.9	9,405.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 148,986.0	Units lb	Sand Size 16/30	
9,543.0	9,525.0	1.0	1.0	1.0			35	7/29/2014	7,057.0	7,170.0	3240.00	3405.00
9,719.2	9,700.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,009.0	Units lb	Sand Size 100 mesh white	
9,839.9	9,820.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 149,728.0	Units lb	Sand Size 16/30	
10,016.1	10,000.0	1.0	1.0	1.0			36	7/29/2014	6,877.0	6,992.0	3041.00	3159.00
10,136.2	10,115.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 2,959.0	Units lb	Sand Size 100 mesh white	
10,312.0	10,290.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 106,202.0	Units lb	Sand Size 16/30	
10,433.1	10,410.0	1.0	1.0	1.0			37	7/29/2014	6,696.0	6,815.0	3233.00	3398.00
10,608.9	10,585.0	1.0	1.0	1.0			Additive Proppant	Type 100 Mesh	Amount 3,012.0	Units lb	Sand Size 100 mesh white	
10,724.1	10,700.0	1.0	1.0	1.0			Additive Proppant	Type Jordan Unimin 16/30	Amount 150,058.0	Units lb	Sand Size 16/30	
10,899.9	10,880.0	1.0	1.0	1.0			38	7/29/2014	6,518.0	6,637.0	3239.00	3406.00
11,025.9	11,005.0	1.0	1.0	1.0	Additive Proppant	Type 100 Mesh	Amount 2,791.0	Units lb	Sand Size 100 mesh white			
11,202.1	11,180.0	1.0	1.0	1.0	Additive Proppant	Type Jordan Unimin 16/30	Amount 151,301.0	Units lb	Sand Size 16/30			
11,323.2	11,300.0	1.0	1.0	1.0	39	7/29/2014	6,340.0	6,459.0	3254.00	3420.00		
11,499.0	11,480.0	1.0	1.0	1.0	Additive Proppant	Type 100 Mesh	Amount 2,427.0	Units lb	Sand Size 100 mesh white			
11,619.1	11,595.0	1.0	1.0	1.0	Additive Proppant	Type Jordan Unimin 16/30	Amount 150,746.0	Units lb	Sand Size 16/30			
11,794.9	11,775.0	1.0	1.0	1.0	40	7/29/2014	6,160.0	6,281.0	3234.00	3399.00		
11,916.0	11,895.0	1.0	1.0	1.0	Additive Proppant	Type 100 Mesh	Amount 2,715.0	Units lb	Sand Size 100 mesh white			
12,091.9	12,070.0	1.0	1.0	1.0								
12,212.9	12,190.0	1.0	1.0	1.0								
12,389.1	12,365.0	1.0	1.0	1.0								
12,508.9	12,485.0	1.0	1.0	1.0								
12,685.0	12,660.0	1.0	1.0	1.0								
12,807.1	12,780.0	1.0	1.0	1.0								
12,985.9	12,960.0	1.0	1.0	1.0								
13,102.0	13,075.0	1.0	1.0	1.0								
13,240.5	13,210.0	1.0	1.0	1.0								
13,298.2	13,265.0	1.0	1.0	1.0								



Lease Review

Well Name: RAZOR 26K-2308B

API Number 051233787900		WPC ID 1CO076992		Well Permit Number		Field Name DJ Horizontal Niobrara		County Weld		State CO	
Well Configuration Type Lateral/Horizontal		Orig KB Elv (ft) 4,758.50		Ground Elevation (ft) 4,737.50		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 13,402.2	
Original Spud Date 1/26/2014		Completion Date 7/30/2014		Asset Group Redtail		Responsible Engineer Andrew Fish		N/S Dist (ft) 2,374.0	N/S Ref FSL	E/W Dist (ft) 2,014.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 26	Section Suffix	Section Type	Township 10 N	Range 58 W	Meridian	

Lateral/Horizontal - Original Hole, 12/9/2014 11:54:40 AM **Other In Hole**

MD (ftKB)	D (ft)	nc l ()	Vertical schematic (actual)	Logs	Other In Hole					
					Des	OD (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)
					CFP	4	7/22/2014	9/9/2014	12,537.0	12,539.0
					CFP	4	7/22/2014	9/9/2014	12,715.0	12,717.0
					CFP	4	7/22/2014	9/10/2014	12,893.0	12,895.0
					CFP	4	7/21/2014	9/10/2014	13,071.0	13,073.0

Bottom Hole Cores

Date	Core #	Top (ftKB)	Btm (ftKB)	Recov (ft)

