

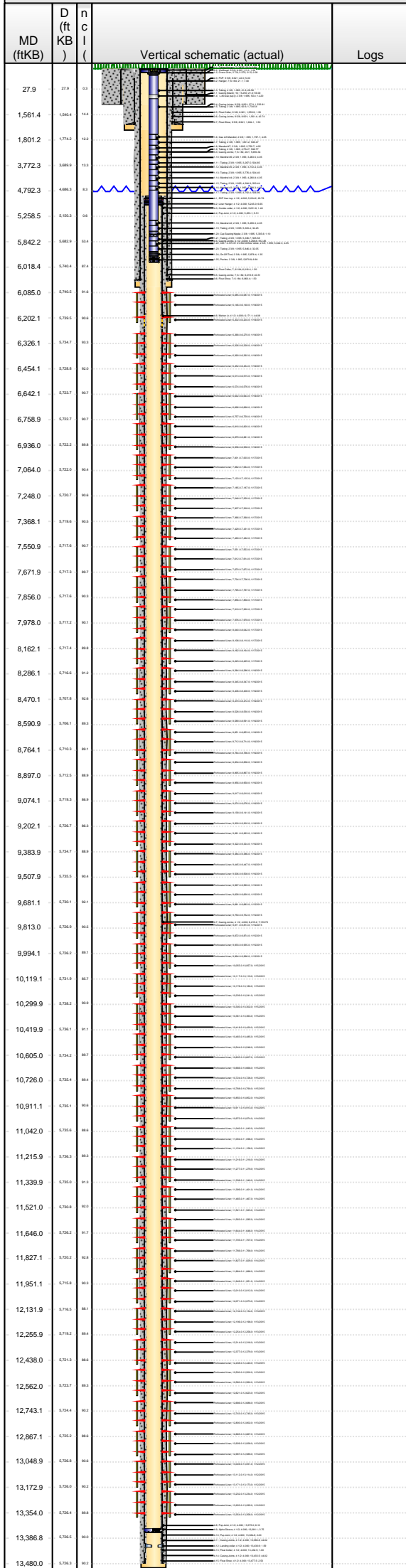


# Lease Review

## Well Name: RAZOR 27J-3412B

API Number 051233806300	WPC ID 1CO076895	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,785.00	Ground Elevation (ft) 4,764.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,500.0
Original Spud Date 7/26/2014	Completion Date 1/18/2015	Asset Group Redtail	Responsible Engineer Charles Ohlson	N/S Dist (ft) 2,244.0	N/S Ref FSL
				E/W Dist (ft) 1,915.0	E/W Ref FEL
Lot	Quarter 1 NW	Quarter 2 SE	Quarter 3	Quarter 4	Section 27
					Section Suffix
					Section Type
					Township 10 N
					Township N/S Dir
					Range 58
					Range E/W Dir W
					Meridian

Lateral/Horizontal - Original Hole, 4/7/2015 12:35:55 PM



### Wellbore Sections

Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	Original Hole	3/29/2014	24	21.0	80.0
Surface	Original Hole	7/26/2014	13 1/2	80.0	1,615.0
Intermediate	Original Hole	7/28/2014	8 3/4	1,615.0	6,075.0
Lateral	Original Hole	8/1/2014	6 1/8	6,075.0	13,500.0

### Conductor Pipe, 80.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
16	65.00	H-40	21.0	80.0	59.00	Casing (black)

### Surface Csg, 1,605.6ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	36.00	J-55	21.0	21.0	0.00	Landing Joint
9 5/8	36.00	J-55	21.0	22.0	1.00	Wellhead
9 5/8	36.00	J-55	22.0	27.0	5.00	PUP
9 5/8	36.00	J-55	27.0	1,559.9	1,532.81	Casing Joints
9 5/8	36.00	J-55	1,559.9	1,561.4	1.50	Float Collar
9 5/8	36.00	J-55	1,561.4	1,604.1	42.74	Casing Joints
9 5/8	36.00	J-55	1,604.1	1,605.6	1.50	Float Shoe

### Intermediate Csg, 6,061.9ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	29.00	L-80	21.1	21.1	0.00	Landing jt
7	29.00	L-80	21.1	28.1	7.00	Hanger
7	29.00	L-80	28.1	6,018.4	5,990.34	Casing Joints
7	29.00	L-80	6,018.4	6,019.9	1.50	Float Collar
7	29.00	L-80	6,019.9	6,060.4	40.51	Casing Joints
7	29.00	L-80	6,060.4	6,061.9	1.50	Float Shoe

### Liner, 13,480.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	L-80	5,224.2	5,245.0	20.78	ZXP liner top
4 1/2	11.60	L-80	5,245.0	5,251.6	6.65	Liner Hanger
4 1/2	11.60	L-80	5,251.6	5,253.1	1.48	Combo collar
4 1/2	11.60	L-80	5,253.1	5,258.6	5.51	Pup Joint
4 1/2	11.60	L-80	5,258.6	6,171.1	912.49	Casing Joints
4 1/2	11.60	L-80	6,171.1	6,215.2	44.08	Marker Jt
4 1/2	11.60	L-80	6,215.2	13,375.0	7,159.79	Casing Joints
4 1/2	11.60	L-80	13,375.0	13,381.1	6.10	Pup Joint
4 1/2	11.60	L-80	13,381.1	13,384.8	3.75	Alpha Sleeve
4 1/2	11.60	L-80	13,384.8	13,386.8	2.00	Pup Joint
4 1/2	11.60	L-80	13,386.8	13,430.9	44.02	Casing Joints
4 1/2	11.60	L-80	13,430.9	13,432.5	1.59	Landing collar
4 1/2	11.60	L-80	13,432.5	13,433.5	1.00	Float Collar
4 1/2	11.60	L-80	13,433.5	13,477.5	44.02	Casing Joints
4 1/2	11.60	L-80	13,477.5	13,480.0	2.53	Float Shoe

### Cement Stages

Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement	3/29/2014		21.0	80.0	Returns to Surface
Surface Casing Cement	7/27/2014		21.0	1,605.6	Returns to Surface
Intermediate Casing Cement	7/30/2014		21.0	6,062.0	Returns to Surface
Liner Cement	8/6/2014		5,224.0	13,480.0	Volume Calculations

### Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated Liner	1/18/2015	6,085.0	6,087.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,146.0	6,148.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,202.0	6,204.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,268.0	6,270.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,326.0	6,328.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,390.0	6,392.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,452.0	6,454.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,513.0	6,515.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,574.0	6,576.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,642.0	6,644.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,696.0	6,698.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,757.0	6,759.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,818.0	6,820.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,879.0	6,881.0	Niobrara, Original Hole
Perforated Liner	1/18/2015	6,936.0	6,938.0	Niobrara, Original Hole
Perforated Liner	1/17/2015	7,001.0	7,003.0	Niobrara, Original Hole
Perforated Liner	1/17/2015	7,062.0	7,064.0	Niobrara, Original Hole
Perforated Liner	1/17/2015	7,123.0	7,125.0	Niobrara, Original Hole
Perforated Liner	1/17/2015	7,185.0	7,187.0	Niobrara, Original Hole
Perforated Liner	1/17/2015	7,248.0	7,250.0	Niobrara, Original Hole



# Lease Review

## Well Name: RAZOR 27J-3412B

API Number 051233806300	WPC ID 1CO076895	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,785.00	Ground Elevation (ft) 4,764.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ft)KB 13,500.0
Original Spud Date 7/26/2014	Completion Date 1/18/2015	Asset Group Redtail	Responsible Engineer Charles Ohlson	N/S Dist (ft) 2,244.0	N/S Ref FSL
				E/W Dist (ft) 1,915.0	E/W Ref FEL
Lot	Quarter 1 NW	Quarter 2 SE	Quarter 3	Quarter 4	Section 27
					Section Suffix
					Section Type
					Township 10 N
					Township N/S Dir Range 58 W
					Meridian

Lateral/Horizontal - Original Hole, 4/7/2015 12:35:56 PM						Perforations				
MD (ft)KB	D (ft)KB	n c l	Vertical schematic (actual)	Logs	Type of Hole	Date	Top (ft)KB	Btm (ft)KB	Zone	
27.9	27.9	3.3			Perforated Liner	1/17/2015	7,307.0	7,309.0	Niobrara, Original Hole	
1,561.4	1,564.4	31.4		Perforated Liner	1/17/2015	7,366.0	7,368.0	Niobrara, Original Hole		
1,801.2	1,794.2	31.2		Perforated Liner	1/17/2015	7,429.0	7,431.0	Niobrara, Original Hole		
3,772.3	3,889.9	31.3		Perforated Liner	1/17/2015	7,490.0	7,492.0	Niobrara, Original Hole		
4,792.3	4,886.3	31.3		Perforated Liner	1/17/2015	7,551.0	7,553.0	Niobrara, Original Hole		
5,258.5	5,103.3	31.6		Perforated Liner	1/17/2015	7,612.0	7,614.0	Niobrara, Original Hole		
5,842.2	5,802.8	31.4		Perforated Liner	1/17/2015	7,670.0	7,672.0	Niobrara, Original Hole		
6,018.4	5,764.4	31.4		Perforated Liner	1/17/2015	7,734.0	7,736.0	Niobrara, Original Hole		
6,085.0	5,765.0	31.6		Perforated Liner	1/17/2015	7,795.0	7,797.0	Niobrara, Original Hole		
6,202.1	5,739.5	31.6		Perforated Liner	1/17/2015	7,856.0	7,858.0	Niobrara, Original Hole		
6,326.1	5,734.7	31.5		Perforated Liner	1/17/2015	7,918.0	7,920.0	Niobrara, Original Hole		
6,454.1	5,708.8	31.6		Perforated Liner	1/17/2015	7,976.0	7,978.0	Niobrara, Original Hole		
6,642.1	5,703.7	31.7		Perforated Liner	1/17/2015	8,040.0	8,042.0	Niobrara, Original Hole		
6,758.9	5,722.3	31.7		Perforated Liner	1/17/2015	8,108.0	8,110.0	Niobrara, Original Hole		
6,936.0	5,722.3	31.6		Perforated Liner	1/17/2015	8,162.0	8,164.0	Niobrara, Original Hole		
7,064.0	5,722.0	31.4		Perforated Liner	1/17/2015	8,223.0	8,225.0	Niobrara, Original Hole		
7,248.0	5,703.7	31.6		Perforated Liner	1/17/2015	8,284.0	8,286.0	Niobrara, Original Hole		
7,368.1	5,719.6	31.5		Perforated Liner	1/17/2015	8,345.0	8,347.0	Niobrara, Original Hole		
7,550.9	5,717.6	31.7		Perforated Liner	1/17/2015	8,406.0	8,408.0	Niobrara, Original Hole		
7,671.9	5,717.3	31.7		Perforated Liner	1/17/2015	8,470.0	8,472.0	Niobrara, Original Hole		
7,856.0	5,717.6	31.5		Perforated Liner	1/17/2015	8,528.0	8,530.0	Niobrara, Original Hole		
7,978.0	5,717.3	31.5		Perforated Liner	1/17/2015	8,589.0	8,591.0	Niobrara, Original Hole		
8,162.1	5,717.4	31.6		Perforated Liner	1/17/2015	8,651.0	8,653.0	Niobrara, Original Hole		
8,286.1	5,716.0	31.5		Perforated Liner	1/17/2015	8,712.0	8,714.0	Niobrara, Original Hole		
8,470.1	5,707.8	31.6		Perforated Liner	1/17/2015	8,764.0	8,766.0	Niobrara, Original Hole		
8,590.9	5,706.1	31.5		Perforated Liner	1/17/2015	8,834.0	8,836.0	Niobrara, Original Hole		
8,764.1	5,710.3	31.7		Perforated Liner	1/17/2015	8,895.0	8,897.0	Niobrara, Original Hole		
8,897.0	5,712.0	31.6		Perforated Liner	1/17/2015	8,956.0	8,958.0	Niobrara, Original Hole		
9,074.1	5,719.3	31.6		Perforated Liner	1/17/2015	9,017.0	9,019.0	Niobrara, Original Hole		
9,202.1	5,706.7	31.5		Perforated Liner	1/17/2015	9,074.0	9,076.0	Niobrara, Original Hole		
9,383.9	5,714.5	31.5		Perforated Liner	1/17/2015	9,139.0	9,141.0	Niobrara, Original Hole		
9,507.9	5,725.0	31.6		Perforated Liner	1/17/2015	9,200.0	9,202.0	Niobrara, Original Hole		
9,681.1	5,730.1	31.5		Perforated Liner	1/17/2015	9,261.0	9,263.0	Niobrara, Original Hole		
9,813.0	5,726.8	31.6		Perforated Liner	1/17/2015	9,322.0	9,324.0	Niobrara, Original Hole		
9,994.1	5,726.5	31.5		Perforated Liner	1/17/2015	9,384.0	9,386.0	Niobrara, Original Hole		
10,119.1	5,721.8	31.5		Perforated Liner	1/17/2015	9,445.0	9,447.0	Niobrara, Original Hole		
10,299.9	5,738.2	31.6		Perforated Liner	1/17/2015	9,506.0	9,508.0	Niobrara, Original Hole		
10,419.9	5,736.1	31.5		Perforated Liner	1/17/2015	9,567.0	9,569.0	Niobrara, Original Hole		
10,605.0	5,734.5	31.7		Perforated Liner	1/17/2015	9,628.0	9,630.0	Niobrara, Original Hole		
10,726.0	5,735.4	31.6		Perforated Liner	1/17/2015	9,681.0	9,683.0	Niobrara, Original Hole		
10,911.1	5,735.1	31.6	Perforated Liner	1/17/2015	9,750.0	9,752.0	Niobrara, Original Hole			
11,042.0	5,735.8	31.6	Perforated Liner	1/17/2015	9,811.0	9,813.0	Niobrara, Original Hole			
11,215.9	5,736.3	31.5	Perforated Liner	1/17/2015	9,872.0	9,874.0	Niobrara, Original Hole			
11,339.9	5,736.0	31.5	Perforated Liner	1/17/2015	9,933.0	9,935.0	Niobrara, Original Hole			
11,521.0	5,739.8	31.5	Perforated Liner	1/17/2015	9,994.0	9,996.0	Niobrara, Original Hole			
11,646.0	5,736.2	31.7	Perforated Liner	1/17/2015	10,055.0	10,057.0	Niobrara, Original Hole			
11,827.1	5,739.2	31.6	Perforated Liner	1/17/2015	10,117.0	10,119.0	Niobrara, Original Hole			
11,951.1	5,715.8	31.5	Perforated Liner	1/17/2015	10,178.0	10,180.0	Niobrara, Original Hole			
12,131.9	5,716.5	31.5	Perforated Liner	1/17/2015	10,239.0	10,241.0	Niobrara, Original Hole			
12,255.9	5,719.2	31.6	Perforated Liner	1/17/2015	10,300.0	10,302.0	Niobrara, Original Hole			
12,438.0	5,721.3	31.6	Perforated Liner	1/17/2015	10,361.0	10,363.0	Niobrara, Original Hole			
12,562.0	5,723.7	31.5	Perforated Liner	1/17/2015	10,418.0	10,420.0	Niobrara, Original Hole			
12,743.1	5,724.4	31.5	Perforated Liner	1/17/2015	10,483.0	10,485.0	Niobrara, Original Hole			
12,867.1	5,725.2	31.6	Perforated Liner	1/17/2015	10,483.0	10,485.0	Niobrara, Original Hole			
13,048.9	5,726.8	31.6	Perforated Liner	1/17/2015	10,544.0	10,546.0	Niobrara, Original Hole			
13,172.9	5,726.0	31.5	Perforated Liner	1/17/2015	10,544.0	10,546.0	Niobrara, Original Hole			
13,354.0	5,724.4	31.6	Perforated Liner	1/17/2015	10,605.0	10,607.0	Niobrara, Original Hole			
13,386.8	5,726.5	31.6	Perforated Liner	1/17/2015	10,666.0	10,668.0	Niobrara, Original Hole			
13,480.0	5,726.2	31.5	Perforated Liner	1/17/2015	10,724.0	10,726.0	Niobrara, Original Hole			
			Perforated Liner	1/15/2015	10,788.0	10,790.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	10,850.0	10,852.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	10,911.0	10,913.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	10,972.0	10,974.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,040.0	11,042.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,094.0	11,096.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,154.0	11,156.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,216.0	11,218.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,277.0	11,279.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,338.0	11,340.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,399.0	11,401.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,465.0	11,467.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,521.0	11,523.0	Niobrara, Original Hole			
			Perforated Liner	1/14/2015	11,583.0	11,585.0	Niobrara, Original Hole			

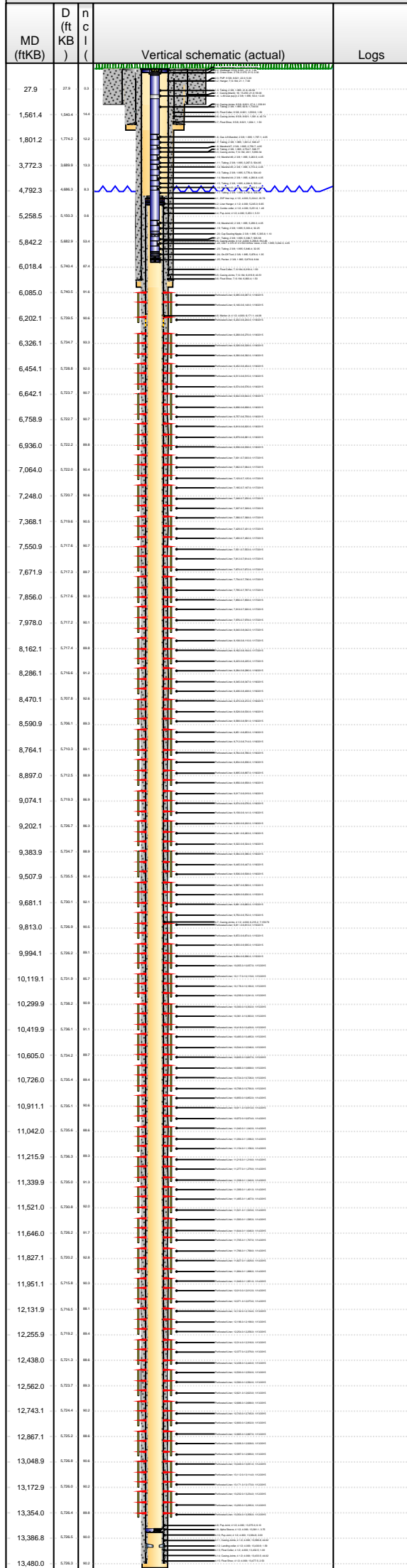


Lease Review

Well Name: RAZOR 27J-3412B

Table with well metadata including API Number (051233806300), WPC ID (1CO076895), Well Permit Number, Field Name (DJ Horizontal Niobrara), County (Weld), State (CO), Well Configuration Type (Lateral/Horizontal), Orig KB Elv (ft) (4,785.00), Ground Elevation (ft) (4,764.00), Casing Flange Elevation (ft), Tubing Head Elevation (ft), Total Depth (ftKB) (13,500.0), Original Spud Date (7/26/2014), Completion Date (1/18/2015), Asset Group (Redtail), Responsible Engineer (Charles Ohlson), N/S Dist (ft) (2,244.0), N/S Ref (FSL), E/W Dist (ft) (1,915.0), E/W Ref (FEL), Lot, Quarter 1 (NW), Quarter 2 (SE), Quarter 3, Quarter 4, Section (27), Section Suffix, Section Type, Township (10 N), Township N/S Dir, Range (58 W), Range E/W Dir, Meridian.

Lateral/Horizontal - Original Hole, 4/7/2015 12:35:58 PM



Perforations

Table of perforation data with columns: Type of Hole, Date, Top (ftKB), Btm (ftKB), Zone. Includes 20 entries for Perforated Liner from 1/14/2015 to 1/12/2015, all in the Niobrara, Original Hole zone.

Sand Frac on 1/12/2015 06:00

Table with treatment details: Comment (Treatment End Date: 1/18/2015; Number of staged intervals: 40; Min frac gradient: 0.805 psi/ft; Number of perfs: 1440; Total 15% HCl used: 973 bbl; 77400 bbl Medallion XL Gel, 12922 bbl Medallion Linear Gel, 26770 bbl Slickwater), Min Top De... (6,085.0), Max Btm D... (13,356.0), Frac Length (ft).

Stim/Treat Fluids

Table for Medallion XL Gel; Medallion Linear Gel; 15% HCL, <fluidtyp>. Columns: Proppant Frm (lb) (6,060,980.0), Total Clean Vol... (118064.50), Avg Treat Rate... (46.30), Max Treat Rate... (69.90), Avg Treat Press... (4,123.0), P Max (psi) (6,395.0), Frac Gradient (p... (0.81).

Stim/Treat Stages

Table of 8 stimulation stages. Each stage includes: Stg #, Start Date, Top Depth (ftKB), Bottom Depth (ftKB), Vol Clean Pump (bbl), Vol Slurry (bbl), and a list of additives (Proppant, Additive) with their amounts and units.



Lease Review

Well Name: RAZOR 27J-3412B

API Number 051233806300	WPC ID 1CO076895	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,785.00	Ground Elevation (ft) 4,764.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,500.0
Original Spud Date 7/26/2014	Completion Date 1/18/2015	Asset Group Redtail	Responsible Engineer Charles Ohlson	N/S Dist (ft) 2,244.0	N/S Ref FSL
				E/W Dist (ft) 1,915.0	E/W Ref FEL

Lot	Quarter 1 NW	Quarter 2 SE	Quarter 3	Quarter 4	Section 27	Section Suffix	Section Type	Township 10 N	Township N/S Dir	Range 58 W	Range E/W Dir	Meridian
-----	-----------------	-----------------	-----------	-----------	---------------	----------------	--------------	------------------	------------------	---------------	---------------	----------

Lateral/Horizontal - Original Hole, 4/7/2015 12:35:59 PM						Additive	Type	Amount	Units	Sand Size
						Proppant	20/40 WS	150,478.7	lb	20/40
						Additive	Type	Amount	Units	Sand Size
						Proppant	40/70 WS	2,917.0	lb	40/70

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	3.3			9	1/14/2015	11,766.0	11,886.0	2941.50	3109.50
1,561.4	1,561.4	11.4			Additive Proppant 20/40 WS 153,094.2 lb 20/40					
1,801.2	1,794.2	11.2			Additive Proppant 40/70 WS 2,915.0 lb 40/70					
3,772.3	3,889.9	11.3			10 1/14/2015 11,583.0 11,707.0 2979.80 3149.20					
4,792.3	4,883.3	11.3			Additive Proppant 20/40 WS 154,342.6 lb 20/40					
5,258.5	5,103.3	11.6			Additive Proppant 40/70 WS 3,001.0 lb 40/70					
5,842.2	5,802.8	11.4			11 1/14/2015 11,399.0 11,523.0 2939.20 3105.70					
6,018.4	5,764.4	11.4			Additive Proppant 20/40 WS 151,588.8 lb 20/40					
6,085.0	5,765.5	11.4			Additive Proppant 40/70 WS 3,047.0 lb 40/70					
6,202.1	5,793.5	11.6			12 1/14/2015 11,216.0 11,340.0 3088.10 3261.20					
6,326.1	5,794.3	11.5			Additive Proppant 20/40 WS 157,523.5 lb 20/40					
6,454.1	5,758.8	11.7			Additive Proppant 40/70 WS 3,244.0 lb 40/70					
6,642.1	5,753.3	11.7			13 1/14/2015 11,040.0 11,156.0 3075.00 3245.40					
6,758.9	5,723.3	11.7			Additive Proppant 20/40 WS 155,387.8 lb 20/40					
6,936.0	5,722.8	11.6			Additive Proppant 40/70 WS 2,919.0 lb 40/70					
7,064.0	5,722.0	11.4			14 1/14/2015 10,850.0 10,974.0 3042.10 3210.40					
7,248.0	5,703.7	11.6			Additive Proppant 20/40 WS 153,392.8 lb 20/40					
7,368.1	5,716.6	11.5			Additive Proppant 40/70 WS 2,920.0 lb 40/70					
7,550.9	5,717.6	11.7			15 1/14/2015 10,666.0 10,790.0 3066.30 3236.70					
7,671.9	5,717.3	11.7			Additive Proppant 20/40 WS 155,326.2 lb 20/40					
7,856.0	5,717.6	11.3			Additive Proppant 40/70 WS 2,906.0 lb 40/70					
7,978.0	5,717.3	11.5			16 1/15/2015 10,483.0 10,607.0 3041.90 3207.70					
8,162.1	5,717.4	11.6			Additive Proppant 20/40 WS 151,179.7 lb 20/40					
8,286.1	5,716.0	11.2			Additive Proppant 40/70 WS 2,841.0 lb 40/70					
8,470.1	5,707.6	11.6	17 1/15/2015 10,300.0 10,420.0 3055.00 3221.90							
8,590.9	5,706.1	11.3	Additive Proppant 20/40 WS 151,947.3 lb 20/40							
8,764.1	5,710.3	11.1	Additive Proppant 40/70 WS 3,035.0 lb 40/70							
8,897.0	5,712.0	11.6	18 1/15/2015 10,117.0 10,241.0 2962.50 3135.60							
9,074.1	5,713.3	11.6	Additive Proppant 20/40 WS 157,711.6 lb 20/40							
9,202.1	5,703.7	11.3	Additive Proppant 40/70 WS 3,071.0 lb 40/70							
9,383.9	5,704.3	11.3	19 1/15/2015 9,933.0 10,057.0 2949.30 3121.40							
9,507.9	5,705.0	11.4	Additive Proppant 20/40 WS 156,997.9 lb 20/40							
9,681.1	5,701.1	11.1	Additive Proppant 40/70 WS 2,868.0 lb 40/70							
9,813.0	5,706.0	11.6	20 1/15/2015 9,750.0 9,874.0 2945.50 3120.20							
9,994.1	5,706.3	11.1	Additive Proppant 20/40 WS 159,437.0 lb 20/40							
10,119.1	5,721.8	11.2	Additive Proppant 40/70 WS 2,877.0 lb 40/70							
10,299.9	5,708.2	11.6	21 1/15/2015 9,567.0 9,683.0 2952.10 3122.40							
10,419.9	5,704.1	11.1	Additive Proppant 20/40 WS 155,285.0 lb 20/40							
10,605.0	5,704.3	11.7	Additive Proppant 40/70 WS 2,936.0 lb 40/70							
10,726.0	5,704.4	11.4	22 1/16/2015 9,384.0 9,508.0 3040.90 3210.50							
10,911.1	5,705.1	11.6	Additive Proppant 20/40 WS 154,552.6 lb 20/40							
11,042.0	5,705.0	11.4	Additive Proppant 40/70 WS 2,961.0 lb 40/70							
11,215.9	5,706.3	11.3	23 1/16/2015 9,200.0 9,324.0 2919.20 3094.10							
11,339.9	5,706.0	11.2	Additive Proppant 20/40 WS 159,412.0 lb 20/40							
11,521.0	5,709.0	11.5	Additive Proppant 40/70 WS 3,053.0 lb 40/70							
11,646.0	5,706.2	11.7	24 1/16/2015 9,017.0 9,141.0 3095.20 3264.60							
11,827.1	5,709.0	11.6								
11,951.1	5,715.8	11.3								
12,131.9	5,716.5	11.1								
12,255.9	5,716.2	11.4								
12,438.0	5,711.3	11.6								
12,562.0	5,703.3	11.3								
12,743.1	5,704.4	11.2								
12,867.1	5,705.2	11.6								
13,048.9	5,706.8	11.6								
13,172.9	5,706.0	11.2								
13,354.0	5,704.4	11.6								
13,386.8	5,706.0	11.2								
13,480.0	5,706.2	11.2								





# Lease Review

## Well Name: RAZOR 27J-3412B

API Number 051233806300	WPC ID 1CO076895	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,785.00	Ground Elevation (ft) 4,764.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 13,500.0
Original Spud Date 7/26/2014	Completion Date 1/18/2015	Asset Group Redtail	Responsible Engineer Charles Ohlson	N/S Dist (ft) 2,244.0	N/S Ref FSL
				E/W Dist (ft) 1,915.0	E/W Ref FEL
Lot	Quarter 1 NW	Quarter 2 SE	Quarter 3	Quarter 4	Section 27
					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, 4/7/2015 12:36:02 PM					
MD (ftKB)	D (ft KB)	n c l	Logs	Additive Proppant	Type 20/40 WS
				Amount 146,969.3	Units lb
				Additive Proppant	Type 40/70 WS
				Amount 3,306.4	Units lb
					Sand Size 20/40
					Sand Size 40/70

<b>Tubing - Production set at 5,886.4ftKB on 2/7/2015 06:00</b>					
Set Depth (ftKB)	Comment	Run Date	Pull Date		
5,886.4		2/7/2015			

Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	7	2.875	0.60	20.9	21.5
Cross Over	2 7/8	2.375	0.30	21.5	21.8
Tubing	2 3/8	1.995	28.56	21.8	50.4
L-80 eue pup jt	2 3/8	1.995	12.20	50.4	62.6
Tubing	2 3/8	1.995	1,734.54	62.6	1,797.1
Gas Lift Mandrel	2 3/8	1.995	4.05	1,797.1	1,801.2
Tubing	2 3/8	1.995	949.47	1,801.2	2,750.7
Mandrel #7	2 3/8	1.995	4.05	2,750.7	2,754.7
Tubing	2 3/8	1.995	508.77	2,754.7	3,263.5
Mandrel #6	2 3/8	1.995	4.05	3,263.5	3,267.5
Tubing	2 3/8	1.995	504.85	3,267.5	3,772.4
Mandrel #5	2 3/8	1.995	4.05	3,772.4	3,776.4
Tubing	2 3/8	1.995	504.40	3,776.4	4,280.8
Mandrel #4	2 3/8	1.995	4.05	4,280.8	4,284.9
Tubing	2 3/8	1.995	503.44	4,284.9	4,788.3
Mandrel #3	2 3/8	1.995	4.05	4,788.3	4,792.4
Tubing	2 3/8	1.995	506.96	4,792.4	5,299.3
Mandrel #2	2 3/8	1.995	4.05	5,299.3	5,303.4
Tubing	2 3/8	1.995	32.25	5,303.4	5,335.6
Cup Seating Nipple	2 3/8	1.995	1.10	5,335.6	5,336.7
Tubing	2 3/8	1.995	505.58	5,336.7	5,842.3
CM-1 2.375 #1 CV-SO Orifice Valve	2 3/8	1.995	4.05	5,842.3	5,846.4
Tubing	2 3/8	1.995	32.05	5,846.4	5,878.4
On-Off Tool	2 3/8	1.995	1.35	5,878.4	5,879.8
Packer	2 3/8	1.995	6.64	5,879.8	5,886.4

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	1/18/2015	2/5/2015	6,236.0	6,238.0
CFP	4	1/18/2015	2/5/2015	6,422.0	6,424.0
CFP	4	1/18/2015	2/5/2015	6,604.0	6,606.0
CFP	4	1/18/2015	2/5/2015	6,787.0	6,789.0
CFP	4	1/18/2015	2/5/2015	6,971.0	6,973.0
CFP	4	1/17/2015	2/5/2015	7,144.0	7,146.0
CFP	4	1/17/2015	2/5/2015	7,337.0	7,339.0
CFP	4	1/17/2015	2/5/2015	7,520.0	7,522.0
CFP	4	1/17/2015	2/5/2015	7,704.0	7,706.0
CFP	4	1/17/2015	2/5/2015	7,887.0	7,889.0
CFP	4	1/17/2015	2/5/2015	8,074.0	8,076.0
CFP	4	1/17/2015	2/5/2015	8,253.0	8,255.0
CFP	4	1/16/2015	2/5/2015	8,437.0	8,439.0
CFP	4	1/16/2015	2/5/2015	8,620.0	8,622.0
CFP	4	1/16/2015	2/5/2015	8,803.0	8,805.0
CFP	4	1/16/2015	2/5/2015	8,986.0	8,988.0
CFP	4	1/16/2015	2/5/2015	9,172.0	9,174.0
CFP	4	1/16/2015	2/5/2015	9,353.0	9,355.0
CFP	4	1/16/2015	2/5/2015	9,536.0	9,538.0
CFP	4	1/15/2015	2/5/2015	9,714.0	9,716.0
CFP	4	1/15/2015	2/5/2015	9,900.0	9,902.0
CFP	4	1/15/2015	2/5/2015	10,086.0	10,088.0
CFP	4	1/15/2015	2/5/2015	10,269.0	10,271.0
CFP	4	1/15/2015	2/5/2015	10,453.0	10,455.0
CFP	4	1/15/2015	2/5/2015	10,626.0	10,628.0
CFP	4	1/15/2015	2/5/2015	10,812.0	10,814.0
CFP	4	1/14/2015	2/5/2015	11,002.0	11,004.0
CFP	4	1/14/2015	2/5/2015	11,186.0	11,188.0
CFP	4	1/14/2015	2/5/2015	11,365.0	11,367.0
CFP	4	1/14/2015	2/5/2015	11,554.0	11,556.0

