Lease Review

Well Name: RAZOR 21B-0910

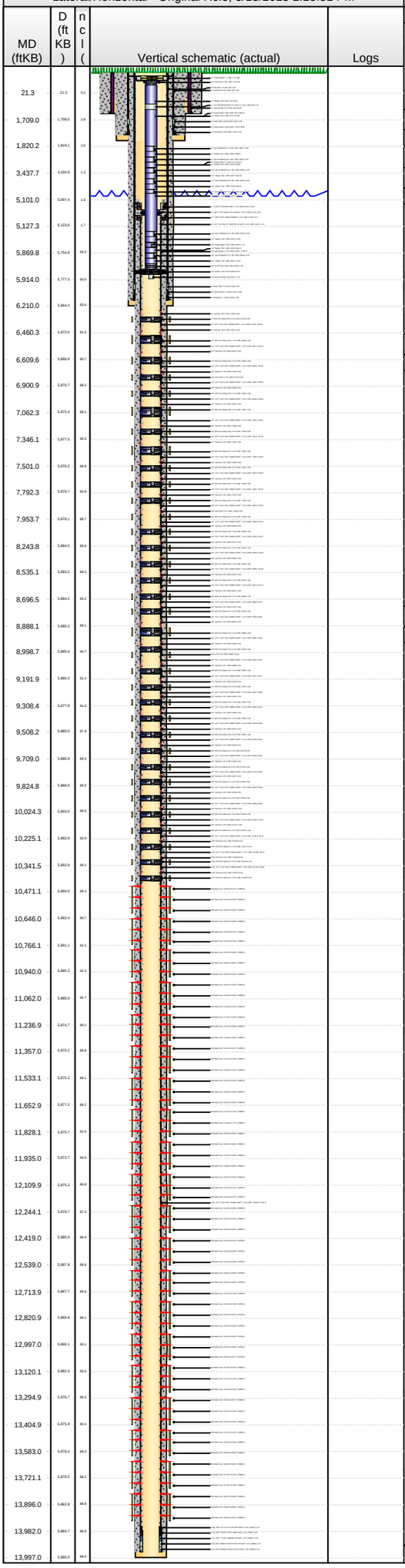
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:31 PM



Wellbore Sections

Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	Original Hole	9/13/2014	20	16.8	96.8
Surface	Original Hole	10/5/2014	13 1/2	96.8	1,770.0
Intermediate	Original Hole	10/6/2014	8 3/4	1,770.0	6,210.0
Lateral	Original Hole	10/9/2014	6 1/8	6,210.0	13,997.0

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, 1,753.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	40.00	J-55	16.8	16.8	0.00	Landing Joint
9 5/8	40.00	J-55	16.8	21.8	5.00	Well head
9 5/8	40.00	J-55	21.8	1,709.1	1,687.27	Casing Joints
9 5/8	40.00	J-55	1,709.1	1,710.6	1.50	Float Collar
9 5/8	40.00	J-55	1,710.6	1,751.5	40.93	Casing Joints
9 5/8	40.00	J-55	1,751.5	1,753.0	1.50	Float Shoe

Intermediate Csg, 6,197.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	29.00	HCP-110	16.8	16.8	0.00	Landing Joint
7	29.00	HCP-110	16.8	21.2	4.40	Pup Joint
7	29.00	HCP-110	21.2	6,149.9	6,128.72	Casing Joints
7	29.00	HCP-110	6,149.9	6,151.4	1.50	Float Collar
7	29.00	HCP-110	6,151.4	6,195.5	44.09	Casing Joints
7	29.00	HCP-110	6,195.5	6,197.0	1.50	Float Shoe

Liner, 13,992.0ftKB

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/4	11.60	HCP-110	5,101.3	5,117.6	16.34	"5.25"" ID TIE BACK PBR"
4 1/2	11.60	HCP-110	5,117.6	5,121.0	3.40	"WFT ""TSP LINER TOP PACKER"
4 1/2	11.60	HCP-110	5,121.0	5,126.7	5.71	" WFT""CTH"" LINER HANGER"
4 1/2	11.60	HCP-110	5,126.7	5,127.5	0.74	"4.5"" LTC PIN x 5"" VAM TOP HT BOX"
4 1/2	11.60	HCP-110	5,127.5	6,305.6	1,178.14	Casing Joints
4 1/2	11.60	HCP-110	6,305.6	6,311.6	6.05	Top Pup
4 1/2	11.60	HCP-110	6,311.6	6,318.5	6.81	NCS Frac Sleeve #34
4 1/2	11.60	HCP-110	6,318.5	6,454.4	135.95	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	6,454.4	6,460.5	6.05	Top Pup
4 1/2	11.60	HCP-110	6,460.5	6,467.3	6.81	NCS Frac Sleeve #33
4 1/2	11.60	HCP-110	6,467.3	6,603.4	136.12	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	6,603.4	6,609.4	6.05	Top Pup
4 1/2	11.60	HCP-110	6,609.4	6,616.2	6.81	NCS Frac Sleeve #32
4 1/2	11.60	HCP-110	6,616.2	6,751.9	135.62	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	6,751.9	6,757.9	6.05	Top Pup
4 1/2	11.60	HCP-110	6,757.9	6,764.7	6.81	Frac sleeve
4 1/2	11.60	HCP-110	6,764.7	6,900.8	136.05	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	6,900.8	6,906.8	6.05	Top Pup
4 1/2	11.60	HCP-110	6,906.8	6,913.6	6.81	NCS Frac Sleeve #30
4 1/2	11.60	HCP-110	6,913.6	7,049.7	136.05	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,049.7	7,055.7	6.05	Top Pup
4 1/2	11.60	HCP-110	7,055.7	7,062.5	6.81	NCS Frac Sleeve #29
4 1/2	11.60	HCP-110	7,062.5	7,198.6	136.01	"4.5"" 11.6# LT&C CASING JOINT"

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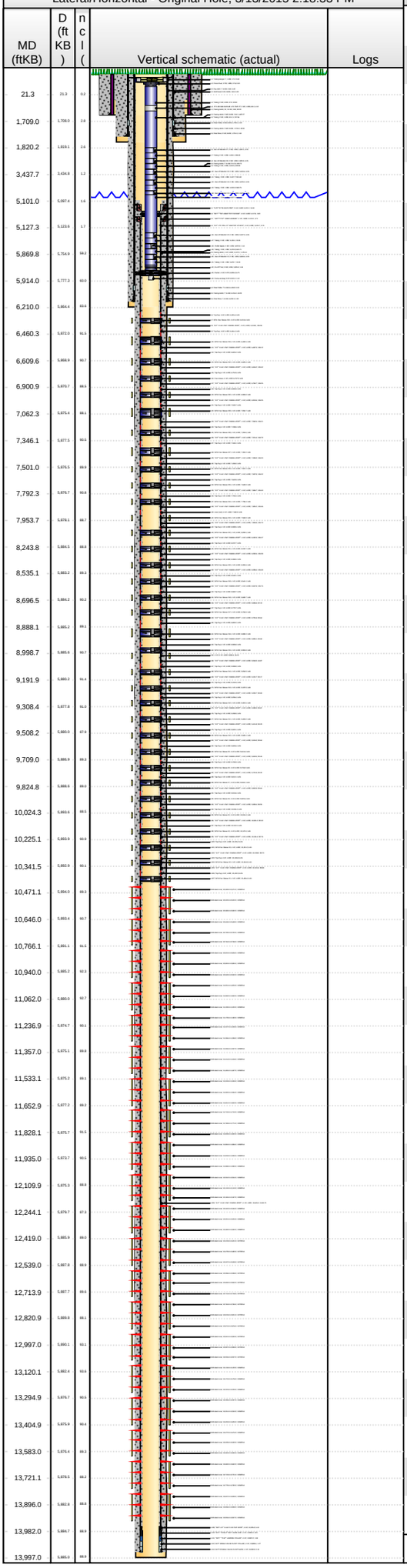
Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:33 PM



OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	HCP-110	7,198.6	7,204.6	6.05	Top Pup
4 1/2	11.60	HCP-110	7,204.6	7,211.4	6.81	NCS Frac Sleeve #28
4 1/2	11.60	HCP-110	7,211.4	7,346.1	134.70	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,346.1	7,352.2	6.05	Top Pup
4 1/2	11.60	HCP-110	7,352.2	7,359.0	6.81	NCS Frac Sleeve #27
4 1/2	11.60	HCP-110	7,359.0	7,495.0	136.03	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,495.0	7,501.1	6.05	Top Pup
4 1/2	11.60	HCP-110	7,501.1	7,507.9	6.81	NCS Frac Sleeve #26
4 1/2	11.60	HCP-110	7,507.9	7,643.9	136.02	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,643.9	7,649.9	6.05	Top Pup
4 1/2	11.60	HCP-110	7,649.9	7,656.7	6.81	NCS Frac Sleeve #25
4 1/2	11.60	HCP-110	7,656.7	7,792.4	135.63	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,792.4	7,798.4	6.05	Top Pup
4 1/2	11.60	HCP-110	7,798.4	7,805.2	6.81	NCS Frac Sleeve #24
4 1/2	11.60	HCP-110	7,805.2	7,940.9	135.66	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	7,940.9	7,946.9	6.05	Liner (red)
4 1/2	11.60	HCP-110	7,946.9	7,953.8	6.81	NCS Frac Sleeve #23
4 1/2	11.60	HCP-110	7,953.8	8,089.5	135.70	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,089.5	8,095.5	6.05	Top Pup
4 1/2	11.60	HCP-110	8,095.5	8,102.3	6.81	NCS Frac Sleeve #22
4 1/2	11.60	HCP-110	8,102.3	8,237.7	135.37	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,237.7	8,243.7	6.05	Top Pup
4 1/2	11.60	HCP-110	8,243.7	8,250.5	6.81	NCS Frac Sleeve #21
4 1/2	11.60	HCP-110	8,250.5	8,386.5	135.99	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,386.5	8,392.6	6.05	Top Pup
4 1/2	11.60	HCP-110	8,392.6	8,399.4	6.81	NCS Frac Sleeve #20
4 1/2	11.60	HCP-110	8,399.4	8,535.1	135.69	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,535.1	8,541.1	6.05	Top Pup
4 1/2	11.60	HCP-110	8,541.1	8,547.9	6.81	NCS Frac Sleeve #19
4 1/2	11.60	HCP-110	8,547.9	8,683.7	135.75	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,683.7	8,689.7	6.05	Top Pup
4 1/2	11.60	HCP-110	8,689.7	8,696.6	6.81	NCS Frac Sleeve #18
4 1/2	11.60	HCP-110	8,696.6	8,778.7	82.18	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,778.7	8,784.8	6.05	Top Pup
4 1/2	11.60	HCP-110	8,784.8	8,791.6	6.81	NCS Frac Sleeve #17
4 1/2	11.60	HCP-110	8,791.6	8,882.2	90.64	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	8,882.2	8,888.3	6.05	Top Pup
4 1/2	11.60	HCP-110	8,888.3	8,895.1	6.81	NCS Frac Sleeve #16
4 1/2	11.60	HCP-110	8,895.1	8,985.8	90.68	"4.5"" 11.6# LT&C CASING JOINT"

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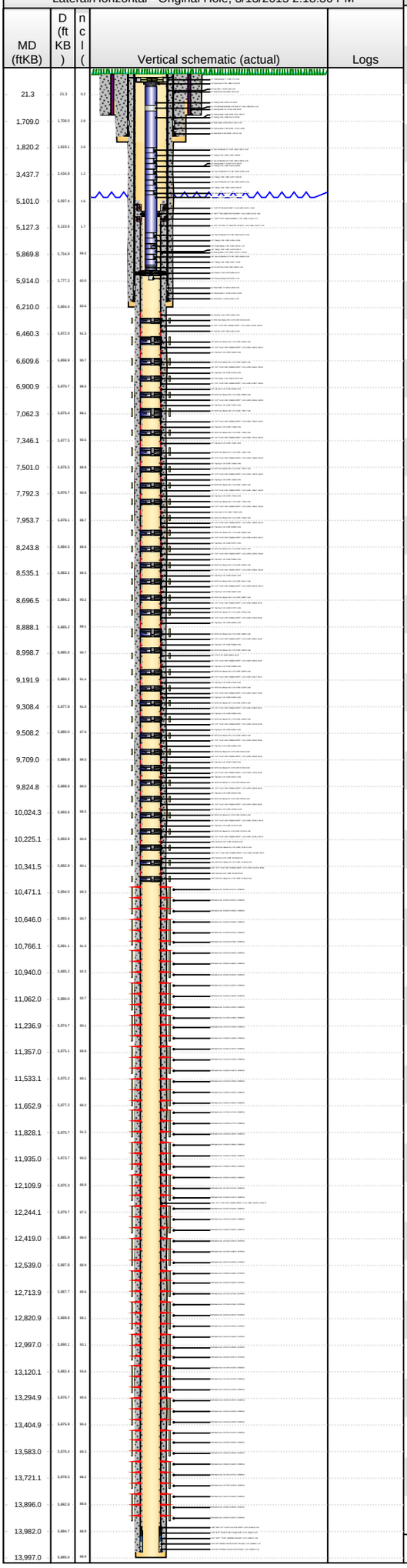
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:36 PM



OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	HCP-110	8,985.8	8,991.8	6.05	Top Pup
4 1/2	11.60	HCP-110	8,991.8	8,998.6	6.81	NCS Frac Sleeve #15
4 1/2	11.60	HCP-110	8,998.6	9,044.0	45.33	4 1/2
4 1/2	11.60	HCP-110	9,044.0	9,088.8	44.87	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,088.8	9,094.9	6.05	Top Pup
4 1/2	11.60	HCP-110	9,094.9	9,101.7	6.81	NCS Frac Sleeve #14
4 1/2	11.60	HCP-110	9,101.7	9,191.9	90.17	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,191.9	9,197.9	6.05	Top Pup
4 1/2	11.60	HCP-110	9,197.9	9,204.7	6.81	NCS Frac Sleeve #13
4 1/2	11.60	HCP-110	9,204.7	9,295.4	90.69	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,295.4	9,301.5	6.05	Top Pup
4 1/2	11.60	HCP-110	9,301.5	9,308.3	6.81	NCS Frac Sleeve #12
4 1/2	11.60	HCP-110	9,308.3	9,398.9	90.67	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,398.9	9,405.0	6.05	Top Pup
4 1/2	11.60	HCP-110	9,405.0	9,411.8	6.81	NCS Frac Sleeve #11
4 1/2	11.60	HCP-110	9,411.8	9,502.1	90.29	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,502.1	9,508.1	6.05	Top Pup
4 1/2	11.60	HCP-110	9,508.1	9,515.0	6.81	NCS Frac Sleeve #10
4 1/2	11.60	HCP-110	9,515.0	9,605.6	90.64	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,605.6	9,611.6	6.05	Top Pup
4 1/2	11.60	HCP-110	9,611.6	9,618.5	6.81	NCS Frac Sleeve #9
4 1/2	11.60	HCP-110	9,618.5	9,708.9	90.46	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,708.9	9,715.0	6.05	Top Pup
4 1/2	11.60	HCP-110	9,715.0	9,721.8	6.81	NCS Frac Sleeve #8
4 1/2	11.60	HCP-110	9,721.8	9,812.1	90.30	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,812.1	9,818.1	6.05	Top Pup
4 1/2	11.60	HCP-110	9,818.1	9,824.9	6.81	NCS Frac Sleeve #7
4 1/2	11.60	HCP-110	9,824.9	9,915.6	90.64	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	9,915.6	9,921.6	6.05	Top Pup
4 1/2	11.60	HCP-110	9,921.6	9,928.4	6.81	NCS Frac Sleeve #6
4 1/2	11.60	HCP-110	9,928.4	10,018.4	89.95	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	10,018.4	10,024.4	6.05	Top Pup
4 1/2	11.60	HCP-110	10,024.4	10,031.2	6.81	NCS Frac Sleeve #5
4 1/2	11.60	HCP-110	10,031.2	10,121.5	90.30	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	10,121.5	10,127.6	6.05	Top Pup
4 1/2	11.60	HCP-110	10,127.6	10,134.4	6.81	NCS Frac Sleeve #4
4 1/2	11.60	HCP-110	10,134.4	10,225.2	90.76	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	10,225.2	10,231.2	6.05	Top Pup
4 1/2	11.60	HCP-110	10,231.2	10,238.0	6.81	NCS Frac Sleeve #3

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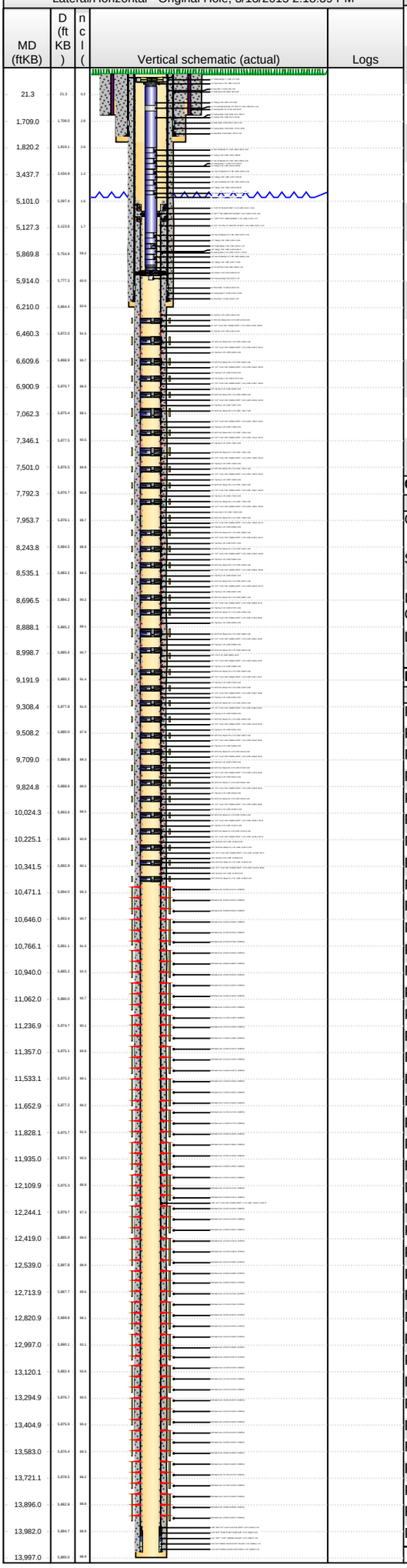
Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:39 PM



OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	HCP-110	10,238.0	10,328.8	90.73	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	10,328.8	10,334.8	6.05	Top Pup
4 1/2	11.60	HCP-110	10,334.8	10,341.6	6.81	NCS Frac Sleeve #2
4 1/2	11.60	HCP-110	10,341.6	10,432.3	90.69	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2	11.60	HCP-110	10,432.3	10,438.4	6.05	Top Pup
4 1/2	11.60	HCP-110	10,438.4	10,445.2	6.81	NCS Frac Sleeve #1
4 1/2	11.60	HCP-110	10,445.2	13,976.9	3,531.73	"4.5"" 11.6# LT&C CASING JOINT"
4 1/2			13,976.9	13,982.0	5.10	"WFT 4.5"" 11.6# P-110 PUP JOINT"
4 1/2			13,982.0	13,987.0	5.01	"WFT ""WSS-II"" WET SHOE SUB"
4 1/2			13,987.0	13,988.6	1.58	"WFT "" PLB"" LANDING COLLAR"
4 1/2			13,988.6	13,989.9	1.27	WFT SINGLE VALVE FLOAT COLLAR
4 1/2			13,989.9	13,992.0	2.15	WFT DOUBLE VALVE FLOAT SHOE

Cement Stages

Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement	9/13/2014		16.8	96.8	Returns to Surface
Surface Casing Cement	10/6/2014		16.8	1,753.0	Returns to Surface
Intermediate Casing Cement	10/8/2014		16.8	6,197.0	Returns to Surface
Liner Cement	10/13/2014		5,101.0	13,992.0	Volume Calculations

Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated Liner	12/9/2014	10,469.0	10,471.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,520.0	10,522.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,580.0	10,582.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,646.0	10,648.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,700.0	10,702.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,764.0	10,766.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,824.0	10,826.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,883.0	10,885.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	10,940.0	10,942.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,001.0	11,003.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,060.0	11,062.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,100.0	11,102.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,178.0	11,180.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,237.0	11,239.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,286.0	11,288.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,355.0	11,357.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,414.0	11,416.0	Niobrara, Original Hole
Perforated Liner	12/9/2014	11,465.0	11,467.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,533.0	11,535.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,592.0	11,594.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,651.0	11,653.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,710.0	11,712.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,769.0	11,771.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,828.0	11,830.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,884.0	11,886.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,933.0	11,935.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	11,988.0	11,990.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,052.0	12,054.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,110.0	12,112.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,165.0	12,167.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,242.0	12,244.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,301.0	12,303.0	Niobrara, Original Hole
Perforated Liner	12/8/2014	12,360.0	12,362.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,419.0	12,421.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,478.0	12,480.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,537.0	12,539.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,596.0	12,598.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,650.0	12,652.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,714.0	12,716.0	Niobrara, Original Hole

Report Printed: 3/13/2015

Lease Review

Well Name: RAZOR 21B-0910

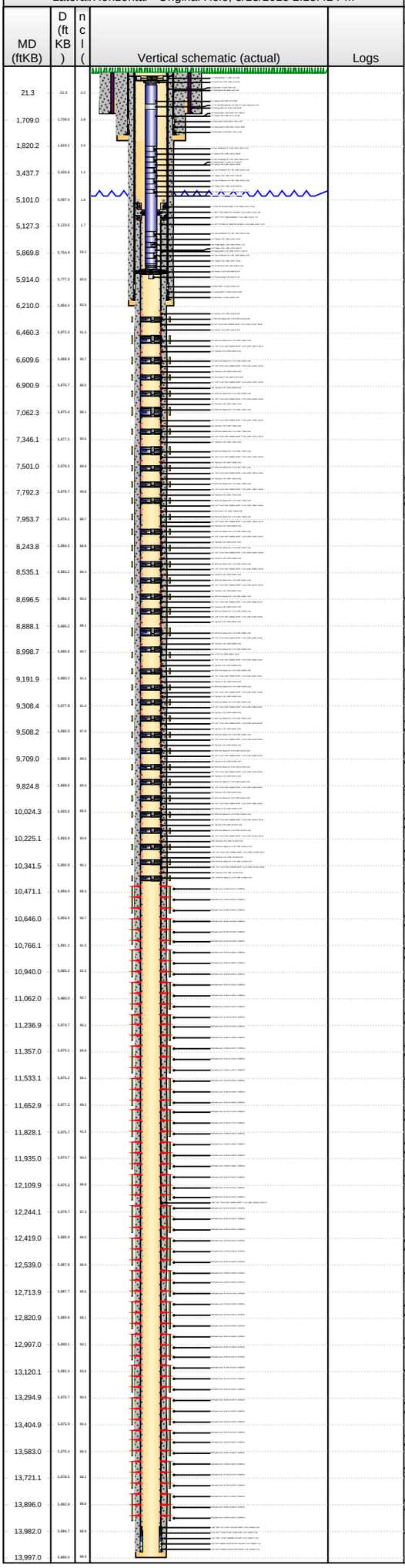
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:42 PM



Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated Liner	12/7/2014	12,763.0	12,765.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,819.0	12,821.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,874.0	12,876.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,941.0	12,943.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	12,997.0	12,999.0	Niobrara, Original Hole
Perforated Liner	12/7/2014	13,055.0	13,057.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,118.0	13,120.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,174.0	13,176.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,223.0	13,225.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,295.0	13,297.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,351.0	13,353.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,403.0	13,405.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,472.0	13,474.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,528.0	13,530.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,583.0	13,585.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,660.0	13,662.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,719.0	13,721.0	Niobrara, Original Hole
Perforated Liner	12/6/2014	13,778.0	13,780.0	Niobrara, Original Hole
Perforated Liner	12/5/2014	13,837.0	13,839.0	Niobrara, Original Hole
Perforated Liner	12/5/2014	13,896.0	13,898.0	Niobrara, Original Hole
Perforated Liner	12/5/2014	13,955.0	13,957.0	Niobrara, Original Hole

Sand Frac on 12/5/2014 06:00

Comment	Min Top De...	Max Btm D...	Frac Length (ft)
Treatment End Date:12/16/2014; Number of staged intervals: 54; Min frac gradient: 0.798 psi/ft; Number of perfs: 720; Number of sleeves: 34; Total 15% HCl used: 464 bbl; 95645 bbl QuadraFrac XL Gel, 15922 bbl QuadraFrac Linear Gel, 32674 bbl Slickwater	6,311.6	13,957.0	

Stim/Treat Fluids

QuadraFrac XL Gel; QuadraFrac Linear Gel; 15% HCL, <fluidtyp>

Proppant Frm (lb)	Total Clean Vol...	Avg Treat Rate...	Max Treat Rate...	Avg Treat Press...	P Max (psi)	Frac Gradient (p...
6,403,661.0	144705.30	31.50	56.50	5,000.0	8,825.0	0.75

Stim/Treat Stages

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
1	12/5/2014	13,837.0	13,957.0	4246.00	4370.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	109,634.0	lb	20/40
Proppant	40/70 WS	6,337.9	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
2	12/5/2014	13,660.0	13,780.0	2962.20	3080.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	107,335.0	lb	20/40
Proppant	40/70 WS	2,887.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
3	12/6/2014	13,472.0	13,585.0	2999.80	3123.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	111,890.0	lb	20/40
Proppant	40/70 WS	3,001.1	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
4	12/6/2014	13,295.0	13,405.0	3114.80	3267.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	139,065.0	lb	20/40
Proppant	40/70 WS	3,050.4	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
5	12/6/2014	13,118.0	13,225.0	3374.10	3561.00

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	170,747.0	lb	20/40
Proppant	40/70 WS	2,825.9	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
6	12/7/2014	12,941.0	13,057.0	3279.80	3468.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	172,683.0	lb	20/40
Proppant	40/70 WS	2,996.9	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
7	12/7/2014	12,763.0	12,876.0	2790.50	2919.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	117,008.0	lb	20/40
Proppant	40/70 WS	3,075.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
8	12/7/2014	12,596.0	12,716.0	3248.10	3431.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	167,780.0	lb	20/40
Proppant	40/70 WS	2,986.4	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
9	12/7/2014	12,419.0	12,539.0	3311.00	3498.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	171,516.0	lb	20/40

Report Printed: 3/13/2015

Lease Review

Well Name: RAZOR 21B-0910

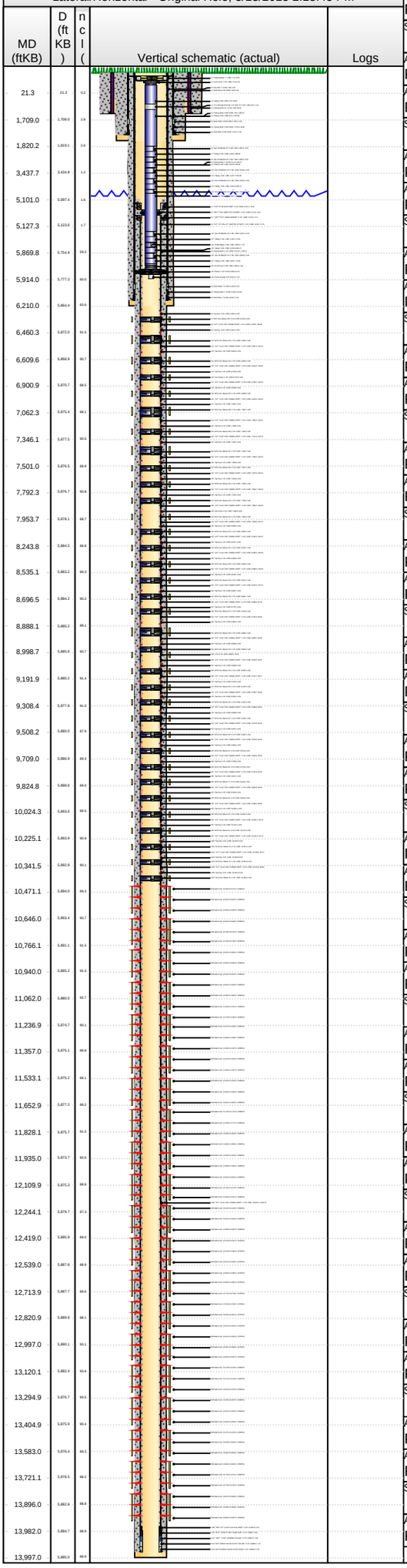
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:45 PM



Additive	Type	Amount	Units	Sand Size
Proppant	40/70 WS	2,677.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
10	12/8/2014	12,242.0	12,362.0	3257.20	3443.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	170,325.0	lb	20/40
Proppant	40/70 WS	2,974.9	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
11	12/8/2014	12,052.0	12,167.0	3110.50	3250.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	127,302.0	lb	20/40
Proppant	40/70 WS	2,754.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
12	12/8/2014	11,884.0	11,990.0	3668.20	3853.60

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	169,606.0	lb	20/40
Proppant	40/70 WS	2,621.4	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
13	12/8/2014	11,710.0	11,830.0	3288.80	3476.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	171,199.0	lb	20/40
Proppant	40/70 WS	3,011.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
14	12/8/2014	11,533.0	11,653.0	3263.40	3448.20

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	168,726.0	lb	20/40
Proppant	40/70 WS	2,947.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
15	12/8/2014	11,355.0	11,467.0	3265.10	3452.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	171,306.0	lb	20/40
Proppant	40/70 WS	3,066.1	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
16	12/9/2014	11,178.0	11,288.0	3242.70	3432.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	173,735.0	lb	20/40
Proppant	40/70 WS	2,834.3	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
17	12/9/2014	11,001.0	11,102.0	3278.10	3465.00

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	170,841.0	lb	20/40
Proppant	40/70 WS	2,792.4	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
18	12/9/2014	10,824.0	10,942.0	3658.40	3846.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	171,454.0	lb	20/40
Proppant	40/70 WS	3,240.3	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
19	12/9/2014	10,646.0	10,766.0	3275.90	3470.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	177,748.0	lb	20/40
Proppant	40/70 WS	2,620.3	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
20	12/9/2014	10,469.0	10,582.0	3113.70	3280.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	151,843.0	lb	20/40
Proppant	40/70 WS	2,973.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
21	12/11/2014	10,438.4	10,445.2	1663.40	1741.30

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	68,912.0	lb	20/40
Proppant	40/70 WS	3,470.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
22	12/11/2014	10,334.8	10,341.6	1792.10	1873.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	73,409.0	lb	20/40
Proppant	40/70 WS	2,531.2	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
23	12/11/2014	10,231.2	10,238.0	2117.90	2197.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	71,460.0	lb	20/40
Proppant	40/70 WS	2,760.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
24	12/12/2014	10,127.6	10,134.4	1614.50	1665.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	44,548.0	lb	20/40
Proppant	40/70 WS	2,730.5	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
25	12/12/2014	10,024.4	10,031.2	2091.60	2201.60

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	99,638.0	lb	20/40

Report Printed: 3/13/2015

Lease Review

Well Name: RAZOR 21B-0910

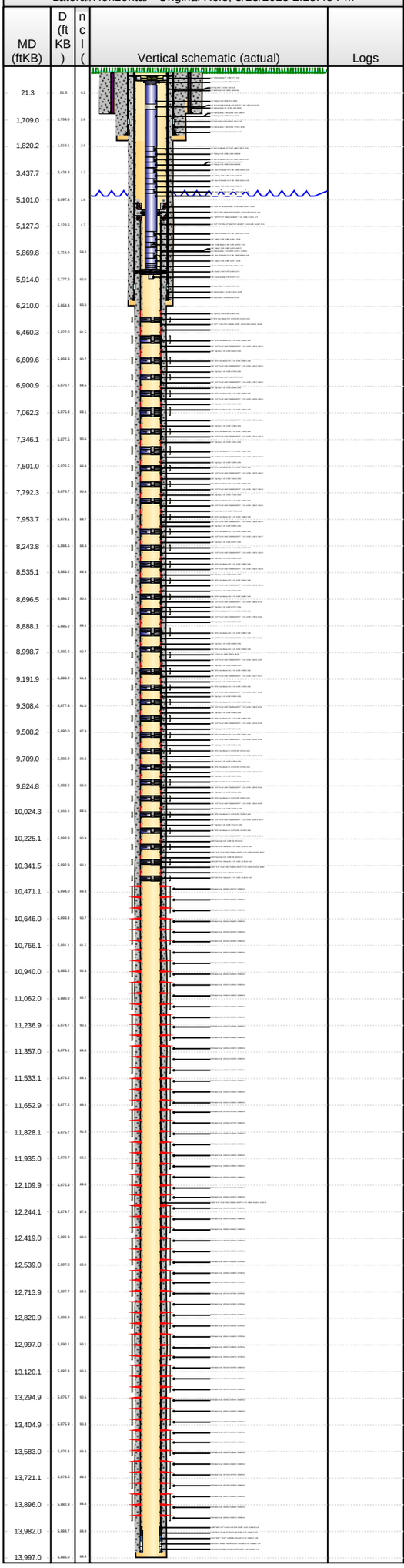
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:48 PM



Additive	Type	Amount	Units	Sand Size
Proppant	40/70 WS	2,519.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
26	12/12/2014	9,921.6	9,928.4	2010.20	2101.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	83,000.0	lb	20/40
Proppant	40/70 WS	2,047.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
27	12/12/2014	9,818.1	9,824.9	2192.20	2311.60

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	108,372.0	lb	20/40
Proppant	40/70 WS	2,520.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
28	12/12/2014	9,715.0	9,721.8	1740.00	1828.20

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	79,184.0	lb	20/40
Proppant	40/70 WS	2,715.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
29	12/12/2014	9,611.6	9,618.5	2181.20	2300.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	107,846.0	lb	20/40
Proppant	40/70 WS	2,886.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
30	12/13/2014	9,508.1	9,515.0	2101.50	2218.20

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	105,463.3	lb	20/40
Proppant	40/70 WS	2,925.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
31	12/13/2014	9,405.0	9,411.8	1742.20	1817.70

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	67,222.0	lb	20/40
Proppant	40/70 WS	2,897.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
32	12/13/2014	9,301.5	9,308.3	74.90	74.90

Additive	Type	Amount	Units	Sand Size

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
33	12/13/2014	9,197.9	9,204.7	2117.00	2201.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	74,988.0	lb	20/40
Proppant	40/70 WS	3,100.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
34	12/13/2014	9,094.9	9,101.7	2330.30	2448.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	106,820.3	lb	20/40
Proppant	40/70 WS	2,886.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
35	12/13/2014	8,998.6	9,044.0	2376.30	2498.90

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	111,220.0	lb	20/40
Proppant	40/70 WS	2,665.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
36	12/13/2014	8,888.3	8,895.1	2161.80	2271.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	98,998.9	lb	20/40
Proppant	40/70 WS	2,886.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
37	12/14/2014	8,784.8	8,791.6	2224.50	2288.20

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	56,287.0	lb	20/40
Proppant	40/70 WS	2,845.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
38	12/14/2014	8,689.7	8,696.6	2223.00	2329.30

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	96,042.7	lb	20/40
Proppant	40/70 WS	2,715.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
39	12/14/2014	8,541.1	8,547.9	2966.80	3087.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	108,977.0	lb	20/40
Proppant	40/70 WS	2,803.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
40	12/14/2014	8,392.6	8,399.4	2628.20	2748.70

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	109,042.5	lb	20/40
Proppant	40/70 WS	2,904.6	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
41	12/14/2014	8,243.7	8,250.5	2932.90	3053.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	108,199.0	lb	20/40
Proppant	40/70 WS	3,838.0	lb	40/70

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Lease Review

Well Name: RAZOR 21B-0910

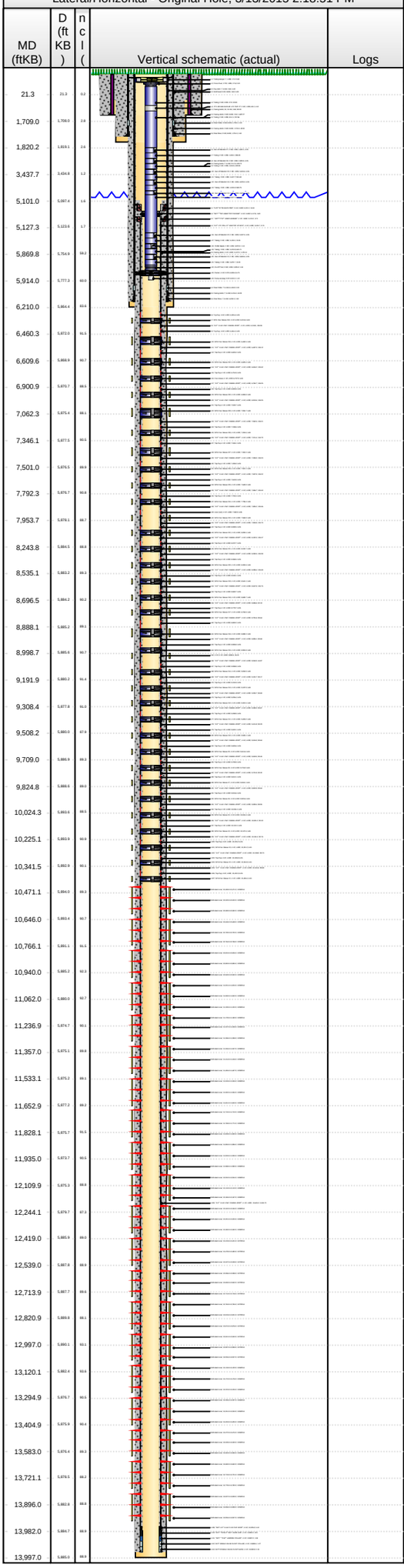
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:51 PM



Stim/Treat Stages

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
42	12/14/2014	8,095.5	8,102.3	2822.70	2939.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	106,125.2	lb	20/40
Proppant	40/70 WS	1,970.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
43	12/15/2014	7,946.9	7,953.8	2538.70	2656.20

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	106,494.0	lb	20/40
Proppant	40/70 WS	2,652.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
44	12/15/2014	7,798.4	7,805.2	2669.30	2787.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	107,085.7	lb	20/40
Proppant	40/70 WS	2,578.4	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
45	12/15/2014	7,649.9	7,656.7	2647.10	2771.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	112,410.0	lb	20/40
Proppant	40/70 WS	3,082.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
46	12/15/2014	7,501.1	7,507.9	2802.60	2915.80

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	102,072.4	lb	20/40
Proppant	40/70 WS	3,101.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
47	12/15/2014	7,352.2	7,359.0	2311.40	2404.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	83,309.0	lb	20/40
Proppant	40/70 WS	2,830.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
48	12/15/2014	7,204.6	7,211.4	3043.40	3165.00

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	109,994.9	lb	20/40
Proppant	40/70 WS	2,993.8	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
49	12/16/2014	7,055.7	7,062.5	2547.30	2668.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	109,520.0	lb	20/40
Proppant	40/70 WS	2,941.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
50	12/16/2014	6,906.8	6,913.6	2515.80	2634.30

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	107,112.7	lb	20/40
Proppant	40/70 WS	2,975.9	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
51	12/16/2014	6,757.9	6,764.7	2535.40	2655.40

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	108,634.0	lb	20/40
Proppant	40/70 WS	2,833.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
52	12/16/2014	6,609.4	6,616.2	3072.40	3189.10

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	106,227.4	lb	20/40
Proppant	40/70 WS	2,189.2	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
53	12/16/2014	6,460.5	6,467.3	3076.40	3195.50

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	107,870.0	lb	20/40
Proppant	40/70 WS	2,729.0	lb	40/70

Stg #	Start Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Clean Pump (bbl)	Vol Slurry (bbl)
54	12/16/2014	6,311.6	6,318.5	3092.00	3215.00

Additive	Type	Amount	Units	Sand Size
Proppant	20/40 WS	111,373.7	lb	20/40
Proppant	40/70 WS	2,860.5	lb	40/70

Tubing - Production set at 5,914.2ftKB on 1/14/2015 06:00

Set Depth (ftKB)	Comment	Run Date	Pull Date
5,914.2		1/14/2015	

Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	7	1.995	0.60	17.0	17.6
Cross Over	2 7/8	1.995	0.30	17.6	17.9
Tubing	2 3/8	1.995	30.39	17.9	48.3
JT 2-3/8 EUE 8rd N-80 4.7# PUP JT	2 3/8	1.995	4.10	48.3	52.4
Tubing	2 3/8	1.995	1,767.66	52.4	1,820.1
Gas Lift Mandrel #7	2 3/8	1.995	4.05	1,820.1	1,824.1
Tubing	2 3/8	1.995	985.39	1,824.1	2,809.5
Gas Lift Mandrel #6	2 3/8	1.995	4.05	2,809.5	2,813.5
Tubing	2 3/8	1.995	620.08	2,813.5	3,433.6

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Lease Review

Well Name: RAZOR 21B-0910

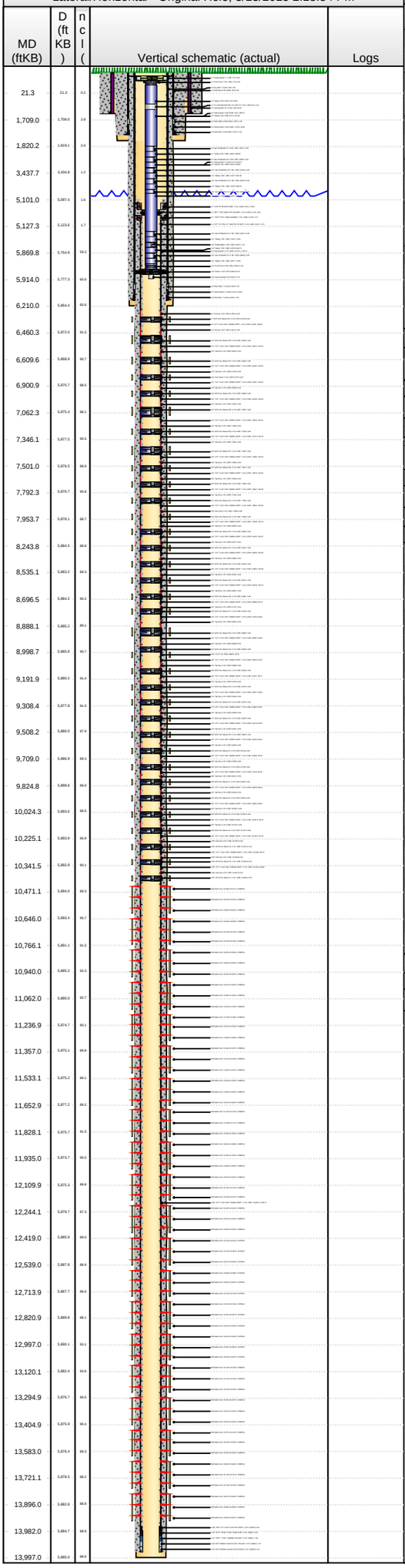
API Number	WPC ID	Well Permit Number	Field Name	County	State
051233953200	1CO0761115		DJ Horizontal Niobrara	Weld	CO

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Lateral/Horizontal	4,854.10	4,837.30			13,997.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
10/5/2014	12/17/2014	Redtail	Charles Ohlson	328.0	FNL	2,128.0	FEL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	NW	NE			21			10	N	58	W	

Lateral/Horizontal - Original Hole, 3/13/2015 2:18:54 PM



Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Gas Lift Mandrel #5	2 3/8	1.995	4.05	3,433.6	3,437.7
Tubing	2 3/8	1.995	591.60	3,437.7	4,029.3
Gas Lift Mandrel #4	2 3/8	1.995	4.05	4,029.3	4,033.3
Tubing	2 3/8	1.995	589.75	4,033.3	4,623.1
Gas Lift Mandrel #3	2 3/8	1.995	4.05	4,623.1	4,627.1
Tubing	2 3/8	1.995	560.37	4,627.1	5,187.5
Gas Lift Mandrel #2	2 3/8	1.995	4.05	5,187.5	5,191.5
Tubing	2 3/8	1.995	31.26	5,191.5	5,222.8
Profile Nipple	2 3/8	1.995	1.14	5,222.8	5,223.9
Tubing	2 3/8	1.995	645.71	5,223.9	5,869.7
Gas Lift Mandrel #1	2 3/8	1.995	4.05	5,869.7	5,873.7
Tubing	2 3/8	1.995	31.28	5,873.7	5,905.0
On-Off Tool	2 3/8	1.995	1.34	5,905.0	5,906.3
Packer	4 1/2	2.375	6.75	5,906.3	5,913.1
Pump out plug	0.0		1.10	5,913.1	5,914.2

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	12/9/2014	1/13/2015	10,600.0	10,602.0
CFP	4	12/9/2014	1/13/2015	10,782.0	10,784.0
CFP	4	12/9/2014	1/13/2015	10,965.0	10,967.0
CFP	4	12/9/2014	1/13/2015	11,140.0	11,142.0
CFP	4	12/9/2014	1/13/2015	11,320.0	11,322.0
CFP	4	12/9/2014	1/13/2015	11,500.0	11,502.0
CFP	4	12/8/2014	1/13/2015	11,680.0	11,682.0
CFP	4	12/8/2014	1/13/2015	11,857.0	11,859.0
CFP	4	12/8/2014	1/13/2015	12,007.0	12,009.0
CFP	4	12/8/2014	1/13/2015	12,184.0	12,186.0
CFP	4	12/8/2014	1/13/2015	12,389.0	12,391.0
CFP	4	12/7/2014	1/13/2015	12,548.0	12,550.0
CFP	4	12/7/2014	1/13/2015	12,730.0	12,732.0
CFP	4	12/7/2014	1/13/2015	12,882.0	12,884.0
CFP	4	12/7/2014	1/13/2015	13,064.0	13,066.0
CFP	4	12/6/2014	1/13/2015	13,242.0	13,244.0
CFP	4	12/6/2014	1/13/2015	13,425.0	13,427.0
CFP	4	12/6/2014	1/13/2015	13,602.0	13,604.0
CFP	4	12/6/2014	1/13/2015	13,807.0	13,809.0

Bottom Hole Cores

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

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