

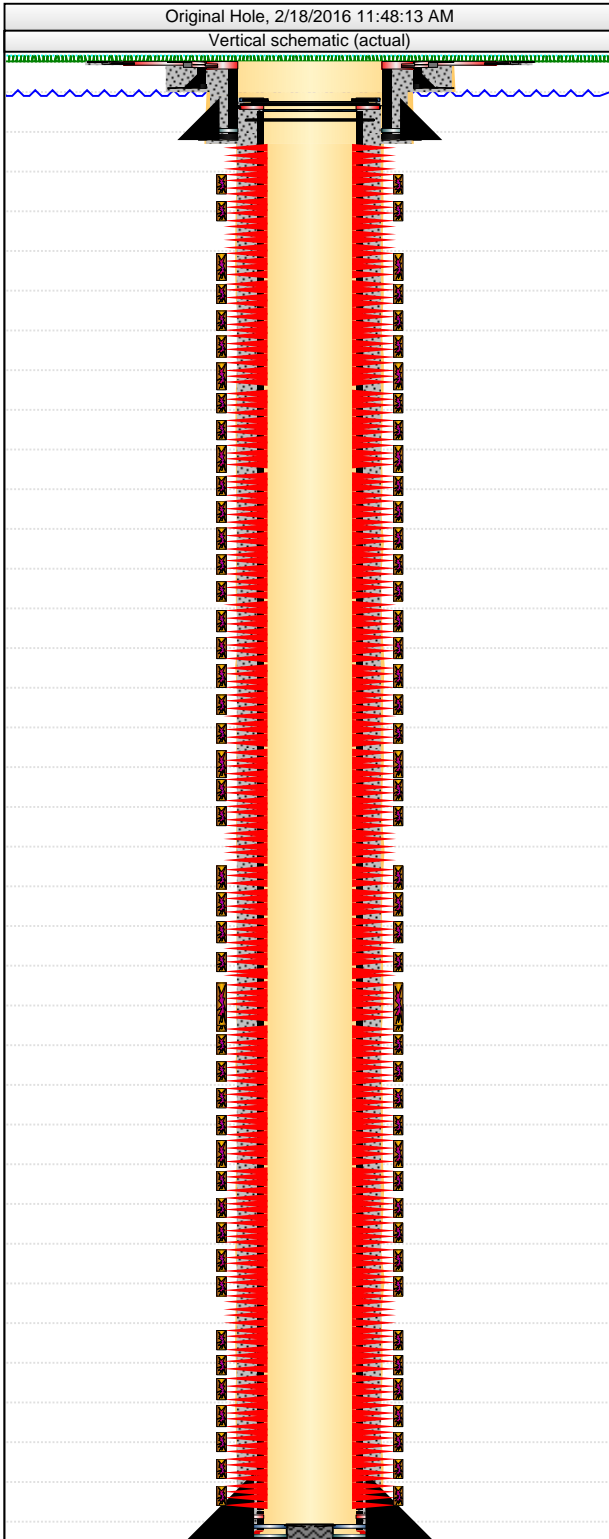
Downhole Well Profile

Well Name: Sherley F-4-9HN

API/UWI 05-123-40897	Surface Legal Location	Field Name Greeley	License #	State/Province	Well Configuration Type
Original KB Elevation (ft) 4,663.00	KB-Tubing Head Distance (ft)	Spud Date 3/10/2015 00:30	Rig Release Date 5/22/2015 19:30	PBTD (All)	Total Depth All (TVD) Original Hole - 6,882.0

Wellhead and Christmas Tree Systems

Type	Make	Service	Working Pressure (psi)	Max Pres (psi)	Size (in)
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Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	9 5/8	36.00	J-55	LT&C	831.0
Intermediate	7	29.00	P-110	Buttress Thread	7,390.6
Production	4 1/2	13.50	P-110	Buttress Thread	16,766.0

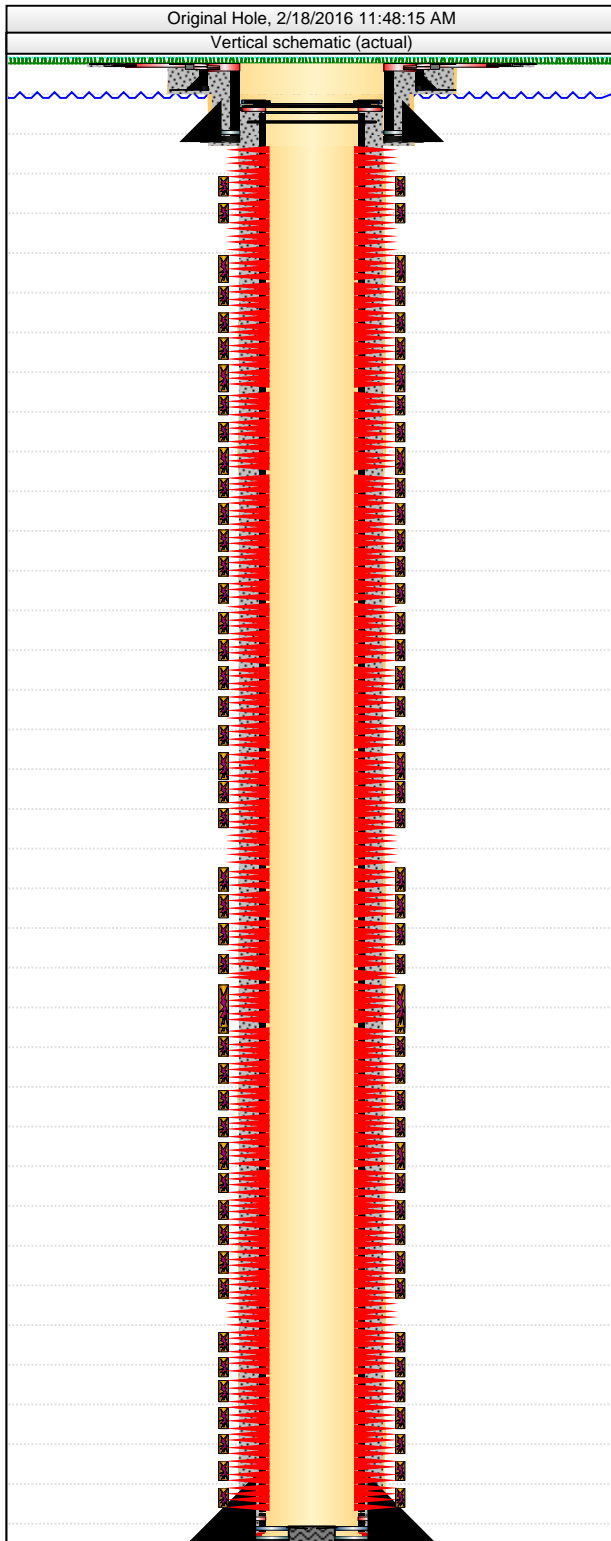
Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/22/2015	7,439.0	7,441.0	Niobrara, Original Hole
12/22/2015	7,470.0	7,472.0	Niobrara, Original Hole
12/22/2015	7,501.0	7,503.0	Niobrara, Original Hole
12/22/2015	7,532.0	7,534.0	Niobrara, Original Hole
12/22/2015	7,622.0	7,624.0	Niobrara, Original Hole
12/22/2015	7,653.0	7,655.0	Niobrara, Original Hole
12/22/2015	7,684.0	7,686.0	Niobrara, Original Hole
12/22/2015	7,715.0	7,717.0	Niobrara, Original Hole
12/21/2015	7,805.0	7,807.0	Niobrara, Original Hole
12/21/2015	7,836.0	7,838.0	Niobrara, Original Hole
12/21/2015	7,860.0	7,862.0	Niobrara, Original Hole
12/21/2015	7,898.0	7,900.0	Niobrara, Original Hole
12/21/2015	7,988.0	7,990.0	Niobrara, Original Hole
12/21/2015	8,019.0	8,021.0	Niobrara, Original Hole
12/21/2015	8,050.0	8,052.0	Niobrara, Original Hole
12/21/2015	8,081.0	8,083.0	Niobrara, Original Hole
12/21/2015	8,171.0	8,173.0	Niobrara, Original Hole
12/21/2015	8,202.0	8,204.0	Niobrara, Original Hole
12/21/2015	8,233.0	8,235.0	Niobrara, Original Hole
12/21/2015	8,264.0	8,266.0	Niobrara, Original Hole
12/21/2015	8,354.0	8,356.0	Niobrara, Original Hole
12/21/2015	8,385.0	8,387.0	Niobrara, Original Hole
12/21/2015	8,410.0	8,412.0	Niobrara, Original Hole
12/21/2015	8,447.0	8,449.0	Niobrara, Original Hole
12/20/2015	8,537.0	8,539.0	Niobrara, Original Hole
12/20/2015	8,568.0	8,570.0	Niobrara, Original Hole
12/20/2015	8,599.0	8,601.0	Niobrara, Original Hole
12/20/2015	8,630.0	8,632.0	Niobrara, Original Hole
12/20/2015	8,720.0	8,722.0	Niobrara, Original Hole
12/20/2015	8,751.0	8,753.0	Niobrara, Original Hole
12/20/2015	8,782.0	8,784.0	Niobrara, Original Hole
12/20/2015	8,813.0	8,815.0	Niobrara, Original Hole
12/20/2015	8,903.0	8,905.0	Niobrara, Original Hole
12/20/2015	8,934.0	8,936.0	Niobrara, Original Hole
12/20/2015	8,960.0	8,962.0	Niobrara, Original Hole
12/20/2015	8,965.0	8,967.0	Niobrara, Original Hole
12/20/2015	9,086.0	9,088.0	Niobrara, Original Hole
12/20/2015	9,117.0	9,119.0	Niobrara, Original Hole
12/20/2015	9,148.0	9,150.0	Niobrara, Original Hole
12/20/2015	9,179.0	9,181.0	Niobrara, Original Hole
12/19/2015	9,269.0	9,271.0	Niobrara, Original Hole
12/19/2015	9,300.0	9,302.0	Niobrara, Original Hole
12/19/2015	9,331.0	9,333.0	Niobrara, Original Hole
12/19/2015	9,362.0	9,364.0	Niobrara, Original Hole

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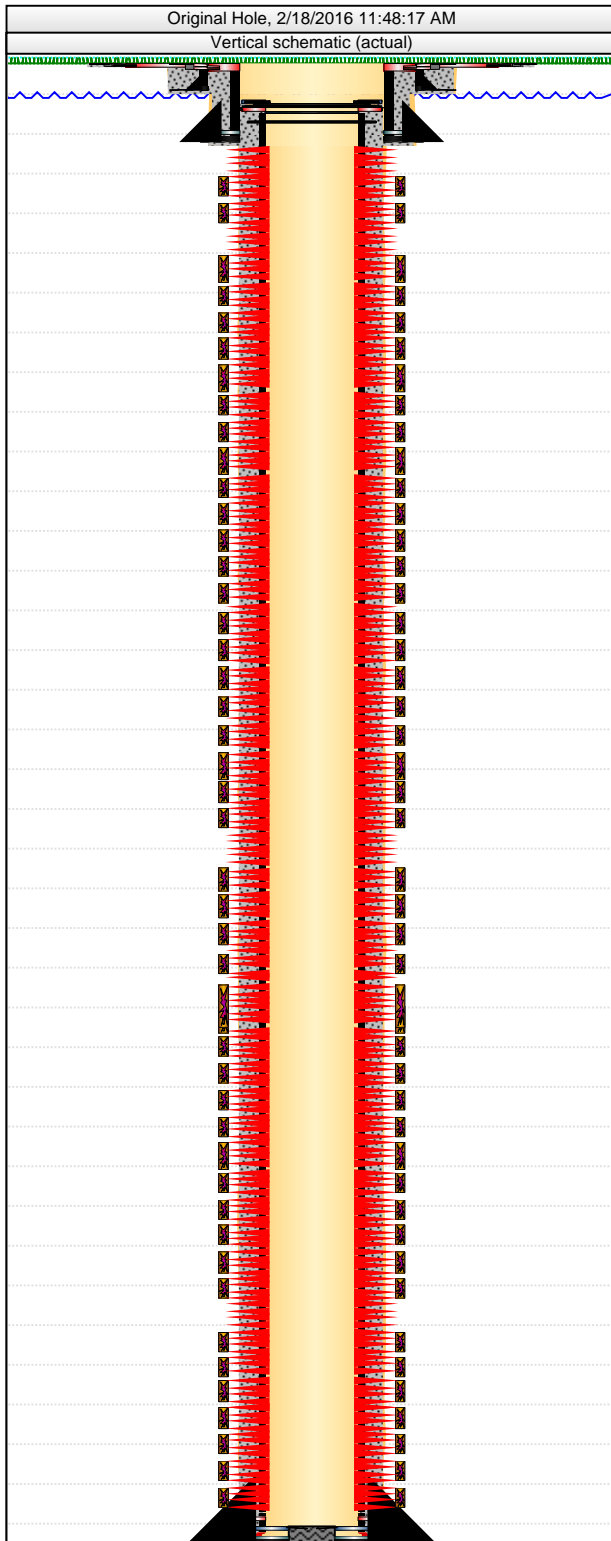


Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/17/2015	9,452.0	9,454.0	Niobrara, Original Hole
12/17/2015	9,483.0	9,485.0	Niobrara, Original Hole
12/17/2015	9,514.0	9,516.0	Niobrara, Original Hole
12/17/2015	9,545.0	9,547.0	Niobrara, Original Hole
12/11/2015	9,635.0	9,637.0	Niobrara, Original Hole
12/11/2015	9,666.0	9,668.0	Niobrara, Original Hole
12/11/2015	9,697.0	9,699.0	Niobrara, Original Hole
12/11/2015	9,728.0	9,730.0	Niobrara, Original Hole
12/11/2015	9,818.0	9,820.0	Niobrara, Original Hole
12/11/2015	9,849.0	9,851.0	Niobrara, Original Hole
12/11/2015	9,880.0	9,882.0	Niobrara, Original Hole
12/11/2015	9,911.0	9,913.0	Niobrara, Original Hole
12/11/2015	9,996.0	9,998.0	Niobrara, Original Hole
12/11/2015	10,032.0	10,034.0	Niobrara, Original Hole
12/11/2015	10,063.0	10,065.0	Niobrara, Original Hole
12/11/2015	10,098.0	10,100.0	Niobrara, Original Hole
12/11/2015	10,180.0	10,182.0	Niobrara, Original Hole
12/11/2015	10,215.0	10,217.0	Niobrara, Original Hole
12/11/2015	10,246.0	10,248.0	Niobrara, Original Hole
12/11/2015	10,272.0	10,274.0	Niobrara, Original Hole
12/11/2015	10,364.0	10,366.0	Niobrara, Original Hole
12/11/2015	10,398.0	10,400.0	Niobrara, Original Hole
12/11/2015	10,429.0	10,431.0	Niobrara, Original Hole
12/11/2015	10,460.0	10,462.0	Niobrara, Original Hole
12/10/2015	10,550.0	10,552.0	Niobrara, Original Hole
12/10/2015	10,581.0	10,583.0	Niobrara, Original Hole
12/10/2015	10,612.0	10,614.0	Niobrara, Original Hole
12/10/2015	10,643.0	10,645.0	Niobrara, Original Hole
12/10/2015	10,733.0	10,735.0	Niobrara, Original Hole
12/10/2015	10,764.0	10,766.0	Niobrara, Original Hole
12/10/2015	10,795.0	10,797.0	Niobrara, Original Hole
12/10/2015	10,824.0	10,826.0	Niobrara, Original Hole
12/10/2015	10,916.0	10,918.0	Niobrara, Original Hole
12/10/2015	10,947.0	10,949.0	Niobrara, Original Hole
12/10/2015	10,978.0	10,980.0	Niobrara, Original Hole
12/10/2015	11,009.0	11,011.0	Niobrara, Original Hole
12/10/2015	11,099.0	11,101.0	Niobrara, Original Hole
12/10/2015	11,130.0	11,132.0	Niobrara, Original Hole
12/10/2015	11,161.0	11,163.0	Niobrara, Original Hole
12/10/2015	11,192.0	11,194.0	Niobrara, Original Hole
12/10/2015	11,282.0	11,284.0	Niobrara, Original Hole
12/10/2015	11,313.0	11,315.0	Niobrara, Original Hole
12/10/2015	11,344.0	11,346.0	Niobrara, Original Hole
12/10/2015	11,375.0	11,377.0	Niobrara, Original Hole
12/10/2015	11,465.0	11,467.0	Niobrara, Original Hole
12/10/2015	11,496.0	11,498.0	Niobrara, Original Hole
12/10/2015	11,527.0	11,529.0	Niobrara, Original Hole
12/10/2015	11,558.0	11,560.0	Niobrara, Original Hole
12/9/2015	11,648.0	11,650.0	Niobrara, Original Hole
12/9/2015	11,679.0	11,681.0	Niobrara, Original Hole
12/9/2015	11,710.0	11,712.0	Niobrara, Original Hole

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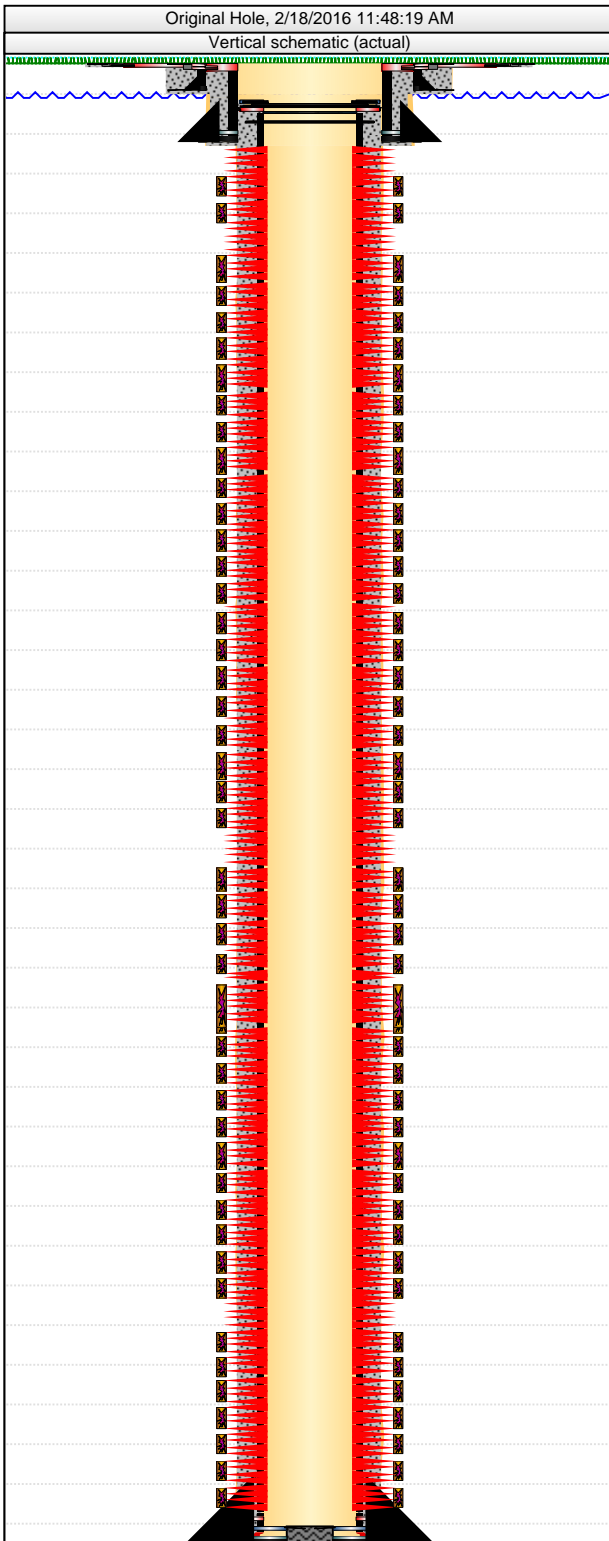


Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/9/2015	11,741.0	11,743.0	Niobrara, Original Hole
12/9/2015	11,831.0	11,833.0	Niobrara, Original Hole
12/9/2015	11,862.0	11,864.0	Niobrara, Original Hole
12/9/2015	11,893.0	11,895.0	Niobrara, Original Hole
12/9/2015	11,925.0	11,927.0	Niobrara, Original Hole
12/9/2015	12,015.0	12,017.0	Niobrara, Original Hole
12/9/2015	12,046.0	12,048.0	Niobrara, Original Hole
12/9/2015	12,077.0	12,079.0	Niobrara, Original Hole
12/9/2015	12,108.0	12,110.0	Niobrara, Original Hole
12/9/2015	12,198.0	12,200.0	Niobrara, Original Hole
12/9/2015	12,229.0	12,231.0	Niobrara, Original Hole
12/9/2015	12,260.0	12,262.0	Niobrara, Original Hole
12/9/2015	12,291.0	12,293.0	Niobrara, Original Hole
12/9/2015	12,385.0	12,387.0	Niobrara, Original Hole
12/9/2015	12,412.0	12,414.0	Niobrara, Original Hole
12/9/2015	12,443.0	12,445.0	Niobrara, Original Hole
12/9/2015	12,474.0	12,476.0	Niobrara, Original Hole
12/8/2015	12,567.0	12,569.0	Niobrara, Original Hole
12/8/2015	12,595.0	12,597.0	Niobrara, Original Hole
12/8/2015	12,626.0	12,628.0	Niobrara, Original Hole
12/8/2015	12,660.0	12,662.0	Niobrara, Original Hole
12/8/2015	12,749.0	12,750.0	Niobrara, Original Hole
12/8/2015	12,778.0	12,780.0	Niobrara, Original Hole
12/8/2015	12,809.0	12,811.0	Niobrara, Original Hole
12/8/2015	12,845.0	12,842.0	Niobrara, Original Hole
12/8/2015	12,930.0	12,932.0	Niobrara, Original Hole
12/8/2015	12,961.0	12,963.0	Niobrara, Original Hole
12/8/2015	12,992.0	12,994.0	Niobrara, Original Hole
12/8/2015	13,023.0	13,025.0	Niobrara, Original Hole
12/8/2015	13,107.0	13,109.0	Niobrara, Original Hole
12/8/2015	13,144.0	13,146.0	Niobrara, Original Hole
12/8/2015	13,175.0	13,177.0	Niobrara, Original Hole
12/8/2015	13,206.0	13,208.0	Niobrara, Original Hole
12/7/2015	13,296.0	13,298.0	Niobrara, Original Hole
12/7/2015	13,327.0	13,329.0	Niobrara, Original Hole
12/7/2015	13,358.0	13,360.0	Niobrara, Original Hole
12/7/2015	13,389.0	13,391.0	Niobrara, Original Hole
12/7/2015	13,479.0	13,481.0	Niobrara, Original Hole
12/7/2015	13,510.0	13,512.0	Niobrara, Original Hole
12/7/2015	13,541.0	13,543.0	Niobrara, Original Hole
12/7/2015	13,572.0	13,574.0	Niobrara, Original Hole
12/7/2015	13,662.0	13,664.0	Niobrara, Original Hole
12/7/2015	13,693.0	13,695.0	Niobrara, Original Hole
12/7/2015	13,724.0	13,726.0	Niobrara, Original Hole
12/7/2015	13,755.0	13,757.0	Niobrara, Original Hole
12/6/2015	13,845.0	13,847.0	Niobrara, Original Hole
12/6/2015	13,876.0	13,878.0	Niobrara, Original Hole
12/6/2015	13,907.0	13,909.0	Niobrara, Original Hole
12/6/2015	13,938.0	13,940.0	Niobrara, Original Hole
12/6/2015	14,028.0	14,030.0	Niobrara, Original Hole
12/6/2015	14,059.0	14,061.0	Niobrara, Original Hole

Downhole Well Profile

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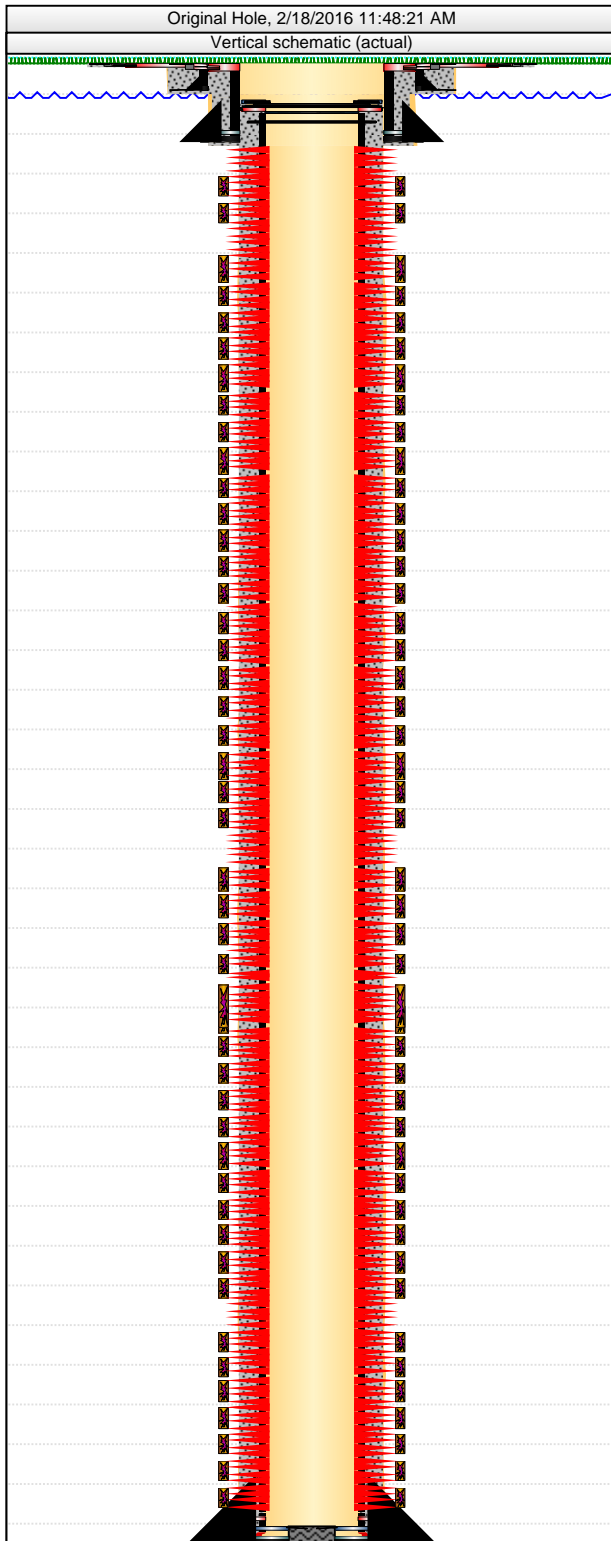


Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/6/2015	14,090.0	14,092.0	Niobrara, Original Hole
12/6/2015	14,121.0	14,123.0	Niobrara, Original Hole
12/6/2015	14,211.0	14,213.0	Niobrara, Original Hole
12/6/2015	14,242.0	14,244.0	Niobrara, Original Hole
12/6/2015	14,273.0	14,275.0	Niobrara, Original Hole
12/6/2015	14,304.0	14,306.0	Niobrara, Original Hole
12/6/2015	14,394.0	14,396.0	Niobrara, Original Hole
12/6/2015	14,425.0	14,427.0	Niobrara, Original Hole
12/6/2015	14,456.0	14,458.0	Niobrara, Original Hole
12/6/2015	14,487.0	14,489.0	Niobrara, Original Hole
12/5/2015	14,577.0	14,579.0	Niobrara, Original Hole
12/5/2015	14,608.0	14,610.0	Niobrara, Original Hole
12/5/2015	14,639.0	14,641.0	Niobrara, Original Hole
12/5/2015	14,670.0	14,672.0	Niobrara, Original Hole
12/5/2015	14,760.0	14,762.0	Niobrara, Original Hole
12/5/2015	14,791.0	14,793.0	Niobrara, Original Hole
12/5/2015	14,822.0	14,824.0	Niobrara, Original Hole
12/5/2015	14,853.0	14,855.0	Niobrara, Original Hole
12/4/2015	14,943.0	14,945.0	Niobrara, Original Hole
12/4/2015	14,974.0	14,976.0	Niobrara, Original Hole
12/4/2015	15,005.0	15,007.0	Niobrara, Original Hole
12/4/2015	15,036.0	15,038.0	Niobrara, Original Hole
12/4/2015	15,126.0	15,128.0	Niobrara, Original Hole
12/4/2015	15,157.0	15,159.0	Niobrara, Original Hole
12/4/2015	15,188.0	15,190.0	Niobrara, Original Hole
12/4/2015	15,219.0	15,221.0	Niobrara, Original Hole
12/4/2015	15,309.0	15,311.0	Niobrara, Original Hole
12/4/2015	15,340.0	15,342.0	Niobrara, Original Hole
12/4/2015	15,371.0	15,373.0	Niobrara, Original Hole
12/4/2015	15,402.0	15,404.0	Niobrara, Original Hole
12/4/2015	15,492.0	15,494.0	Niobrara, Original Hole
12/4/2015	15,523.0	15,525.0	Niobrara, Original Hole
12/4/2015	15,554.0	15,556.0	Niobrara, Original Hole
12/4/2015	15,675.0	15,677.0	Niobrara, Original Hole
12/3/2015	15,706.0	15,708.0	Niobrara, Original Hole
12/3/2015	15,737.0	15,739.0	Niobrara, Original Hole
12/3/2015	15,768.0	15,770.0	Niobrara, Original Hole
12/3/2015	15,858.0	15,860.0	Niobrara, Original Hole
12/3/2015	15,858.0	15,860.0	Niobrara, Original Hole
12/3/2015	15,889.0	15,891.0	Niobrara, Original Hole
12/3/2015	15,920.0	15,922.0	Niobrara, Original Hole
12/3/2015	15,951.0	15,953.0	Niobrara, Original Hole
12/3/2015	16,041.0	16,043.0	Niobrara, Original Hole
12/3/2015	16,072.0	16,074.0	Niobrara, Original Hole
12/3/2015	16,108.0	16,110.0	Niobrara, Original Hole
12/3/2015	16,134.0	16,136.0	Niobrara, Original Hole
12/2/2015	16,224.0	16,226.0	Niobrara, Original Hole
12/2/2015	16,255.0	16,257.0	Niobrara, Original Hole
12/2/2015	16,286.0	16,288.0	Niobrara, Original Hole
12/2/2015	16,317.0	16,319.0	Niobrara, Original Hole
12/2/2015	16,407.0	16,409.0	Niobrara, Original Hole

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12/2/2015	16,438.0		16,440.0		Niobrara, Original Hole			
12/2/2015	16,469.0		16,471.0		Niobrara, Original Hole			
12/2/2015	16,500.0		16,502.0		Niobrara, Original Hole			
Tubing Strings								
Tubing Description		Run Date		String Length (ft)		Set Depth (ftKB)		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Rod Strings								
Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)