





# P&A Wellbore For State

Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Perforation Data						
MD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date	
		NIOBRARA, Original Hole		4	8,649.0	8,650.0	2/4/2026	
		NIOBRARA, Original Hole		4	8,681.7	8,682.7	2/4/2026	
		NIOBRARA, Original Hole		4	8,708.0	8,709.0	2/4/2026	
		NIOBRARA, Original Hole		4	8,742.4	8,743.4	2/4/2026	
5,890.7			NIOBRARA, Original Hole		4	8,766.3	8,767.3	2/4/2026
			NIOBRARA, Original Hole		4	8,799.7	8,800.7	2/4/2026
7,926.8			NIOBRARA, Original Hole		4	8,825.3	8,826.3	2/4/2026
			NIOBRARA, Original Hole		4	8,860.7	8,861.7	2/4/2026
			NIOBRARA, Original Hole		4	8,889.3	8,890.3	2/4/2026
8,292.0			NIOBRARA, Original Hole		4	8,915.2	8,916.2	2/4/2026
			NIOBRARA, Original Hole		4	8,949.5	8,950.5	2/4/2026
8,706.0			NIOBRARA, Original Hole		4	8,976.0	8,977.0	2/3/2026
			NIOBRARA, Original Hole		4	9,013.1	9,014.1	2/3/2026
			NIOBRARA, Original Hole		4	9,040.8	9,041.8	2/3/2026
9,065.6			NIOBRARA, Original Hole		4	9,065.6	9,066.6	2/3/2026
			NIOBRARA, Original Hole		4	9,103.9	9,104.9	2/3/2026
9,460.0			NIOBRARA, Original Hole		4	9,131.0	9,132.1	2/3/2026
			NIOBRARA, Original Hole		4	9,151.5	9,152.5	2/3/2026
9,857.9			NIOBRARA, Original Hole		4	9,190.4	9,191.4	2/3/2026
			NIOBRARA, Original Hole		4	9,225.5	9,225.5	2/3/2026
10,221.5			NIOBRARA, Original Hole		4	9,254.3	9,255.3	2/3/2026
			NIOBRARA, Original Hole		4	9,282.6	9,283.7	2/3/2026
10,637.1			NIOBRARA, Original Hole		4	9,306.7	9,307.7	2/3/2026
			NIOBRARA, Original Hole		4	9,342.0	9,343.1	2/3/2026
11,002.0			NIOBRARA, Original Hole		4	9,371.5	9,372.5	2/3/2026
			NIOBRARA, Original Hole		4	9,404.0	9,405.0	2/3/2026
11,394.4			NIOBRARA, Original Hole		4	9,431.4	9,432.4	2/3/2026
			NIOBRARA, Original Hole		4	9,464.2	9,465.2	2/2/2026
11,781.2			NIOBRARA, Original Hole		4	9,494.7	9,495.7	2/2/2026
			NIOBRARA, Original Hole		4	9,518.0	9,519.0	2/2/2026
12,179.8			NIOBRARA, Original Hole		4	9,555.3	9,556.3	2/2/2026
			NIOBRARA, Original Hole		4	9,587.7	9,588.7	2/2/2026
12,569.6			NIOBRARA, Original Hole		4	9,615.8	9,616.8	2/2/2026
			NIOBRARA, Original Hole		4	9,647.3	9,648.3	2/2/2026
12,925.9			NIOBRARA, Original Hole		4	9,674.0	9,675.0	2/2/2026
			NIOBRARA, Original Hole		4	9,706.5	9,707.5	2/2/2026
13,320.2			NIOBRARA, Original Hole		4	9,736.1	9,737.1	2/2/2026
			NIOBRARA, Original Hole		4	9,765.9	9,766.9	2/2/2026
13,719.2			NIOBRARA, Original Hole		4	9,798.7	9,799.7	2/2/2026
			NIOBRARA, Original Hole		4	9,822.1	9,823.1	2/2/2026
14,107.9		NIOBRARA, Original Hole		4	9,857.8	9,858.8	2/2/2026	
		NIOBRARA, Original Hole		4	9,887.5	9,888.5	2/2/2026	
14,499.7		NIOBRARA, Original Hole		4	9,914.0	9,915.0	2/2/2026	
		NIOBRARA, Original Hole		4	9,940.1	9,941.1	2/1/2026	
14,889.8		NIOBRARA, Original Hole		4	9,978.5	9,979.5	2/1/2026	
		NIOBRARA, Original Hole		4	10,008.0	10,009.0	2/1/2026	
15,286.1		NIOBRARA, Original Hole		4	10,035.7	10,036.7	2/1/2026	
		NIOBRARA, Original Hole		4	10,067.1	10,068.1	2/1/2026	
15,680.8		NIOBRARA, Original Hole		4	10,097.5	10,098.5	2/1/2026	
		NIOBRARA, Original Hole		4	10,130.1	10,131.1	2/1/2026	
16,052.2		NIOBRARA, Original Hole		4	10,155.1	10,156.2	2/1/2026	
		NIOBRARA, Original Hole		4	10,190.0	10,191.1	2/1/2026	
16,462.6		NIOBRARA, Original Hole		4	10,220.4	10,221.4	2/1/2026	
		NIOBRARA, Original Hole		4	10,249.2	10,250.2	2/1/2026	
16,855.3		NIOBRARA, Original Hole		4	10,279.7	10,280.7	2/1/2026	
		NIOBRARA, Original Hole		4	10,308.6	10,309.6	2/1/2026	
17,246.1		NIOBRARA, Original Hole		4	10,338.9	10,339.9	2/1/2026	
		NIOBRARA, Original Hole		4	10,370.4	10,371.4	2/1/2026	
17,637.8		NIOBRARA, Original Hole		4	10,397.4	10,398.4	2/1/2026	
		NIOBRARA, Original Hole		4	10,429.7	10,430.7	1/31/2026	



# P&A Wellbore For State

Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Perforation Data						
MD (ftK B)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date	
		NIOBRARA, Original Hole		4	10,460.3	10,461.3	1/31/2026	
		NIOBRARA, Original Hole		4	10,490.7	10,491.7	1/31/2026	
		NIOBRARA, Original Hole		4	10,517.2	10,518.2	1/31/2026	
		NIOBRARA, Original Hole		4	10,548.6	10,549.6	1/31/2026	
5,890.7			NIOBRARA, Original Hole		4	10,579.5	10,580.5	1/31/2026
			NIOBRARA, Original Hole		4	10,610.4	10,611.4	1/31/2026
7,926.8			NIOBRARA, Original Hole		4	10,638.9	10,639.9	1/31/2026
			NIOBRARA, Original Hole		4	10,671.9	10,672.9	1/31/2026
8,292.0			NIOBRARA, Original Hole		4	10,703.7	10,704.7	1/31/2026
			NIOBRARA, Original Hole		4	10,732.0	10,733.0	1/31/2026
8,706.0			NIOBRARA, Original Hole		4	10,762.9	10,762.9	1/31/2026
			NIOBRARA, Original Hole		4	10,790.0	10,791.0	1/31/2026
9,065.6			NIOBRARA, Original Hole		4	10,821.7	10,822.7	1/31/2026
			NIOBRARA, Original Hole		4	10,852.6	10,853.6	1/31/2026
9,460.0			NIOBRARA, Original Hole		4	10,878.6	10,879.6	1/31/2026
			NIOBRARA, Original Hole		4	10,914.4	10,915.4	1/30/2026
9,857.9			NIOBRARA, Original Hole		4	10,944.7	10,945.7	1/30/2026
			NIOBRARA, Original Hole		4	10,972.3	10,973.3	1/30/2026
10,221.5			NIOBRARA, Original Hole		4	11,000.9	11,001.9	1/30/2026
			NIOBRARA, Original Hole		4	11,032.3	11,033.4	1/30/2026
10,637.1			NIOBRARA, Original Hole		4	11,058.9	11,059.9	1/30/2026
			NIOBRARA, Original Hole		4	11,083.6	11,084.6	1/30/2026
11,002.0			NIOBRARA, Original Hole		4	11,121.6	11,122.6	1/30/2026
			NIOBRARA, Original Hole		4	11,148.8	11,149.8	1/30/2026
11,394.4			NIOBRARA, Original Hole		4	11,187.7	11,188.7	1/30/2026
			NIOBRARA, Original Hole		4	11,213.3	11,214.3	1/30/2026
11,781.2			NIOBRARA, Original Hole		4	11,241.9	11,242.9	1/30/2026
			NIOBRARA, Original Hole		4	11,274.0	11,275.0	1/30/2026
12,179.8			NIOBRARA, Original Hole		4	11,306.4	11,307.4	1/30/2026
			NIOBRARA, Original Hole		4	11,328.5	11,329.5	1/30/2026
12,569.6			NIOBRARA, Original Hole		4	11,362.7	11,363.7	1/30/2026
			NIOBRARA, Original Hole		4	11,394.4	11,395.4	1/29/2026
12,925.9			NIOBRARA, Original Hole		4	11,425.5	11,426.5	1/29/2026
			NIOBRARA, Original Hole		4	11,454.5	11,455.5	1/29/2026
13,320.2			NIOBRARA, Original Hole		4	11,483.7	11,484.7	1/29/2026
			NIOBRARA, Original Hole		4	11,515.6	11,516.6	1/29/2026
13,719.2			NIOBRARA, Original Hole		4	11,545.6	11,546.7	1/29/2026
			NIOBRARA, Original Hole		4	11,569.2	11,570.2	1/29/2026
14,107.9			NIOBRARA, Original Hole		4	11,592.8	11,593.8	1/29/2026
			NIOBRARA, Original Hole		4	11,603.8	11,604.8	1/29/2026
14,499.7		NIOBRARA, Original Hole		4	11,638.0	11,639.1	1/29/2026	
		NIOBRARA, Original Hole		4	11,670.2	11,671.2	1/29/2026	
14,889.8		NIOBRARA, Original Hole		4	11,697.4	11,698.4	1/29/2026	
		NIOBRARA, Original Hole		4	11,727.8	11,728.8	1/29/2026	
15,286.1		NIOBRARA, Original Hole		4	11,757.8	11,758.8	1/29/2026	
		NIOBRARA, Original Hole		4	11,780.2	11,781.2	1/29/2026	
15,680.8		NIOBRARA, Original Hole		4	11,811.3	11,812.3	1/29/2026	
		NIOBRARA, Original Hole		4	11,845.2	11,846.3	1/29/2026	
16,052.2		NIOBRARA, Original Hole		4	11,878.9	11,879.9	1/28/2026	
		NIOBRARA, Original Hole		4	11,910.9	11,911.9	1/28/2026	
16,462.6		NIOBRARA, Original Hole		4	11,937.4	11,938.5	1/28/2026	
		NIOBRARA, Original Hole		4	11,965.6	11,966.6	1/28/2026	
16,855.3		NIOBRARA, Original Hole		4	11,997.6	11,998.6	1/28/2026	
		NIOBRARA, Original Hole		4	12,028.2	12,029.2	1/28/2026	
17,246.1		NIOBRARA, Original Hole		4	12,054.3	12,055.3	1/28/2026	
		NIOBRARA, Original Hole		4	12,086.1	12,087.1	1/28/2026	
17,637.8		NIOBRARA, Original Hole		4	12,120.2	12,121.2	1/28/2026	
		NIOBRARA, Original Hole		4	12,155.8	12,156.8	1/28/2026	
		NIOBRARA, Original Hole		4	12,179.7	12,180.8	1/28/2026	
		NIOBRARA, Original Hole		4	12,202.0	12,203.0	1/28/2026	
		NIOBRARA, Original Hole		4	12,239.5	12,240.5	1/28/2026	



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Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Perforation Data					
MD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
		NIOBRARA, Original Hole		4	12,263.2	12,264.2	1/28/2026
5,890.7		NIOBRARA, Original Hole		4	12,299.0	12,300.0	1/28/2026
7,926.8		NIOBRARA, Original Hole		4	12,327.2	12,328.2	1/28/2026
8,292.0		NIOBRARA, Original Hole		4	12,361.6	12,362.6	1/27/2026
8,706.0		NIOBRARA, Original Hole		4	12,392.1	12,393.1	1/27/2026
9,065.6		NIOBRARA, Original Hole		4	12,420.9	12,421.9	1/27/2026
9,460.0		NIOBRARA, Original Hole		4	12,451.4	12,452.4	1/27/2026
9,857.9		NIOBRARA, Original Hole		4	12,481.1	12,482.1	1/27/2026
10,221.5		NIOBRARA, Original Hole		4	12,508.8	12,509.8	1/27/2026
10,637.1		NIOBRARA, Original Hole		4	12,540.1	12,541.1	1/27/2026
11,002.0		NIOBRARA, Original Hole		4	12,569.5	12,570.5	1/27/2026
11,394.4		NIOBRARA, Original Hole		4	12,604.4	12,605.4	1/27/2026
11,781.2		NIOBRARA, Original Hole		4	12,632.1	12,633.1	1/27/2026
12,179.8		NIOBRARA, Original Hole		4	12,661.8	12,662.8	1/27/2026
12,569.6		NIOBRARA, Original Hole		4	12,686.9	12,687.9	1/27/2026
12,925.9		NIOBRARA, Original Hole		4	12,725.5	12,726.5	1/27/2026
13,320.2		NIOBRARA, Original Hole		4	12,752.0	12,753.0	1/27/2026
13,719.2		NIOBRARA, Original Hole		4	12,777.9	12,778.9	1/27/2026
14,107.9		NIOBRARA, Original Hole		4	12,810.6	12,811.6	1/27/2026
14,499.7		NIOBRARA, Original Hole		4	12,829.2	12,830.2	1/26/2026
14,889.8		NIOBRARA, Original Hole		4	12,868.2	12,869.2	1/26/2026
15,286.1		NIOBRARA, Original Hole		4	12,888.6	12,889.6	1/26/2026
15,680.8		NIOBRARA, Original Hole		4	12,925.8	12,926.8	1/26/2026
16,052.2		NIOBRARA, Original Hole		4	12,958.0	12,959.0	1/26/2026
16,426.6		NIOBRARA, Original Hole		4	12,986.7	12,987.7	1/26/2026
16,855.3		NIOBRARA, Original Hole		4	13,017.3	13,018.3	1/26/2026
17,246.1		NIOBRARA, Original Hole		4	13,045.3	13,046.3	1/26/2026
17,637.8		NIOBRARA, Original Hole		4	13,080.9	13,081.9	1/26/2026
		NIOBRARA, Original Hole		4	13,116.4	13,117.4	1/26/2026
		NIOBRARA, Original Hole		4	13,142.6	13,143.6	1/26/2026
		NIOBRARA, Original Hole		4	13,172.6	13,173.6	1/26/2026
		NIOBRARA, Original Hole		4	13,205.6	13,206.6	1/26/2026
		NIOBRARA, Original Hole		4	13,235.7	13,236.7	1/26/2026
		NIOBRARA, Original Hole		4	13,268.4	13,269.4	1/26/2026
		NIOBRARA, Original Hole		4	13,292.1	13,293.1	1/26/2026
		NIOBRARA, Original Hole		4	13,319.2	13,320.2	1/25/2026
		NIOBRARA, Original Hole		4	13,350.6	13,351.6	1/25/2026
		NIOBRARA, Original Hole		4	13,385.3	13,386.3	1/25/2026
		NIOBRARA, Original Hole		4	13,415.0	13,416.0	1/25/2026
		NIOBRARA, Original Hole		4	13,439.4	13,440.4	1/25/2026
	NIOBRARA, Original Hole		4	13,469.1	13,470.1	1/25/2026	
	NIOBRARA, Original Hole		4	13,499.8	13,500.8	1/25/2026	
	NIOBRARA, Original Hole		4	13,534.9	13,535.9	1/25/2026	
	NIOBRARA, Original Hole		4	13,569.0	13,570.0	1/24/2026	
	NIOBRARA, Original Hole		4	13,591.2	13,592.2	1/24/2026	
	NIOBRARA, Original Hole		4	13,626.8	13,627.8	1/24/2026	
	NIOBRARA, Original Hole		4	13,657.3	13,658.3	1/24/2026	
	NIOBRARA, Original Hole		4	13,687.8	13,688.8	1/24/2026	
	NIOBRARA, Original Hole		4	13,718.2	13,719.2	1/24/2026	
	NIOBRARA, Original Hole		4	13,741.7	13,742.7	1/24/2026	
	NIOBRARA, Original Hole		4	13,776.5	13,777.5	1/24/2026	
	NIOBRARA, Original Hole		4	13,807.1	13,808.1	1/24/2026	
	NIOBRARA, Original Hole		4	13,834.7	13,835.7	1/24/2026	
	NIOBRARA, Original Hole		4	13,869.8	13,870.8	1/24/2026	
	NIOBRARA, Original Hole		4	13,899.0	13,900.0	1/24/2026	
	NIOBRARA, Original Hole		4	13,928.2	13,929.2	1/24/2026	
	NIOBRARA, Original Hole		4	13,960.4	13,961.4	1/24/2026	
	NIOBRARA, Original Hole		4	13,981.9	13,982.9	1/24/2026	
	NIOBRARA, Original Hole		4	14,017.8	14,018.8	1/24/2026	
	NIOBRARA, Original Hole		4	14,045.5	14,046.5	1/23/2026	



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Original Hole [Land]		Perforation Data					
MD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
		NIOBRARA, Original Hole		4	14,080.1	14,081.1	1/23/2026
5,890.7		NIOBRARA, Original Hole		4	14,107.8	14,108.8	1/23/2026
7,926.8		NIOBRARA, Original Hole		4	14,132.8	14,133.8	1/23/2026
8,292.0		NIOBRARA, Original Hole		4	14,169.7	14,170.7	1/23/2026
8,706.0		NIOBRARA, Original Hole		4	14,199.4	14,200.4	1/23/2026
9,065.6		NIOBRARA, Original Hole		4	14,226.5	14,227.5	1/23/2026
9,460.0		NIOBRARA, Original Hole		4	14,258.6	14,259.6	1/23/2026
9,857.9		NIOBRARA, Original Hole		4	14,291.2	14,292.2	1/23/2026
10,221.5		NIOBRARA, Original Hole		4	14,323.9	14,324.9	1/23/2026
10,637.1		NIOBRARA, Original Hole		4	14,350.0	14,351.1	1/23/2026
11,002.0		NIOBRARA, Original Hole		4	14,381.2	14,382.2	1/23/2026
11,394.4		NIOBRARA, Original Hole		4	14,410.1	14,411.1	1/23/2026
11,781.2		NIOBRARA, Original Hole		4	14,441.9	14,442.9	1/23/2026
12,179.8		NIOBRARA, Original Hole		4	14,471.4	14,472.4	1/23/2026
12,569.6		NIOBRARA, Original Hole		4	14,499.6	14,500.6	1/23/2026
12,925.9		NIOBRARA, Original Hole		4	14,528.4	14,529.4	1/22/2026
13,320.2		NIOBRARA, Original Hole		4	14,557.1	14,558.1	1/22/2026
13,719.2		NIOBRARA, Original Hole		4	14,587.3	14,588.3	1/22/2026
14,107.9		NIOBRARA, Original Hole		4	14,620.1	14,621.1	1/22/2026
14,499.7		NIOBRARA, Original Hole		4	14,652.8	14,653.8	1/22/2026
14,889.8		NIOBRARA, Original Hole		4	14,683.0	14,684.0	1/22/2026
15,286.1		NIOBRARA, Original Hole		4	14,709.9	14,710.9	1/22/2026
15,680.8		NIOBRARA, Original Hole		4	14,741.6	14,742.6	1/22/2026
16,052.2		NIOBRARA, Original Hole		4	14,769.1	14,770.1	1/22/2026
16,426.6		NIOBRARA, Original Hole		4	14,804.1	14,805.1	1/22/2026
16,855.3		NIOBRARA, Original Hole		4	14,832.0	14,833.0	1/22/2026
17,246.1		NIOBRARA, Original Hole		4	14,862.4	14,863.4	1/22/2026
17,637.8		NIOBRARA, Original Hole		4	14,888.8	14,889.8	1/22/2026
		NIOBRARA, Original Hole		4	14,923.8	14,924.8	1/22/2026
		NIOBRARA, Original Hole		4	14,947.3	14,948.3	1/22/2026
		NIOBRARA, Original Hole		4	14,983.1	14,984.1	1/22/2026
		NIOBRARA, Original Hole		4	15,012.9	15,013.9	1/21/2026
		NIOBRARA, Original Hole		4	15,039.2	15,040.2	1/21/2026
		NIOBRARA, Original Hole		4	15,073.3	15,074.3	1/21/2026
		NIOBRARA, Original Hole		4	15,109.8	15,110.8	1/21/2026
		NIOBRARA, Original Hole		4	15,134.1	15,135.1	1/21/2026
		NIOBRARA, Original Hole		4	15,165.2	15,166.2	1/21/2026
		NIOBRARA, Original Hole		4	15,192.0	15,193.0	1/21/2026
		NIOBRARA, Original Hole		4	15,223.6	15,224.6	1/21/2026
		NIOBRARA, Original Hole		4	15,255.8	15,256.8	1/21/2026
	NIOBRARA, Original Hole		4	15,286.3	15,287.3	1/21/2026	
	NIOBRARA, Original Hole		4	15,318.1	15,319.1	1/21/2026	
	NIOBRARA, Original Hole		4	15,346.5	15,347.5	1/21/2026	
	NIOBRARA, Original Hole		4	15,378.2	15,379.2	1/21/2026	
	NIOBRARA, Original Hole		4	15,408.5	15,409.5	1/21/2026	
	NIOBRARA, Original Hole		4	15,438.6	15,439.6	1/21/2026	
	NIOBRARA, Original Hole		4	15,466.1	15,467.1	1/21/2026	
	NIOBRARA, Original Hole		4	15,489.8	15,490.8	1/20/2026	
	NIOBRARA, Original Hole		4	15,527.9	15,528.9	1/20/2026	
	NIOBRARA, Original Hole		4	15,553.1	15,554.1	1/20/2026	
	NIOBRARA, Original Hole		4	15,585.4	15,586.4	1/20/2026	
	NIOBRARA, Original Hole		4	15,619.0	15,620.0	1/20/2026	
	NIOBRARA, Original Hole		4	15,647.4	15,648.4	1/20/2026	
	NIOBRARA, Original Hole		4	15,679.9	15,680.9	1/20/2026	
	NIOBRARA, Original Hole		4	15,706.9	15,707.9	1/20/2026	
	NIOBRARA, Original Hole		4	15,741.2	15,742.2	1/20/2026	
	NIOBRARA, Original Hole		4	15,770.8	15,771.8	1/20/2026	
	NIOBRARA, Original Hole		4	15,800.2	15,801.2	1/20/2026	
	NIOBRARA, Original Hole		4	15,821.7	15,822.7	1/20/2026	
	NIOBRARA, Original Hole		4	15,859.2	15,860.2	1/20/2026	



# P&A Wellbore For State

Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Perforation Data					
MD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
		NIOBRARA, Original Hole		4	15,888.7	15,889.7	1/20/2026
		NIOBRARA, Original Hole		4	15,918.7	15,919.7	1/20/2026
		NIOBRARA, Original Hole		4	15,947.9	15,948.9	1/20/2026
		NIOBRARA, Original Hole		4	15,971.0	15,971.3	1/19/2026
5,890.7		NIOBRARA, Original Hole		4	16,000.0	16,000.3	1/19/2026
		NIOBRARA, Original Hole		4	16,027.0	16,027.3	1/19/2026
7,926.8		NIOBRARA, Original Hole		4	16,052.0	16,052.3	1/19/2026
		NIOBRARA, Original Hole		4	16,083.0	16,083.3	1/19/2026
8,292.0		NIOBRARA, Original Hole		4	16,111.0	16,111.3	1/19/2026
		NIOBRARA, Original Hole		4	16,142.0	16,142.3	1/19/2026
8,706.0		NIOBRARA, Original Hole		4	16,168.0	16,168.3	1/19/2026
		NIOBRARA, Original Hole		4	16,222.3	16,223.3	1/19/2026
9,065.6		NIOBRARA, Original Hole		4	16,251.9	16,252.9	1/19/2026
		NIOBRARA, Original Hole		4	16,281.1	16,282.1	1/19/2026
9,460.0		NIOBRARA, Original Hole		4	16,311.6	16,312.6	1/19/2026
		NIOBRARA, Original Hole		4	16,335.2	16,336.2	1/19/2026
9,857.9		NIOBRARA, Original Hole		4	16,371.0	16,372.0	1/19/2026
		NIOBRARA, Original Hole		4	16,400.6	16,401.6	1/19/2026
10,221.5		NIOBRARA, Original Hole		4	16,430.0	16,431.0	1/19/2026
		NIOBRARA, Original Hole		4	16,462.7	16,463.7	1/18/2026
10,637.1		NIOBRARA, Original Hole		4	16,489.0	16,490.0	1/18/2026
		NIOBRARA, Original Hole		4	16,523.1	16,524.1	1/18/2026
11,002.0		NIOBRARA, Original Hole		4	16,550.1	16,551.1	1/18/2026
		NIOBRARA, Original Hole		4	16,582.7	16,583.7	1/18/2026
11,394.4		NIOBRARA, Original Hole		4	16,609.3	16,610.3	1/18/2026
		NIOBRARA, Original Hole		4	16,637.0	16,638.0	1/18/2026
11,781.2		NIOBRARA, Original Hole		4	16,688.8	16,689.8	1/18/2026
		NIOBRARA, Original Hole		4	16,705.9	16,706.9	1/18/2026
12,179.8		NIOBRARA, Original Hole		4	16,734.7	16,735.7	1/18/2026
		NIOBRARA, Original Hole		4	16,763.5	16,764.5	1/18/2026
12,569.6		NIOBRARA, Original Hole		4	16,794.9	16,795.9	1/18/2026
		NIOBRARA, Original Hole		4	16,825.3	16,826.3	1/18/2026
12,925.9		NIOBRARA, Original Hole		4	16,854.4	16,855.4	1/18/2026
	NIOBRARA, Original Hole		4	16,880.5	16,881.5	1/18/2026	
13,320.2	NIOBRARA, Original Hole		4	16,913.1	16,914.1	1/18/2026	
	NIOBRARA, Original Hole		4	16,938.2	16,939.2	1/17/2026	
13,719.2	NIOBRARA, Original Hole		4	16,976.6	16,977.6	1/17/2026	
	NIOBRARA, Original Hole		4	17,007.5	17,008.5	1/17/2026	
14,107.9	NIOBRARA, Original Hole		4	17,027.7	17,028.7	1/17/2026	
	NIOBRARA, Original Hole		4	17,067.7	17,068.7	1/17/2026	
14,499.7	NIOBRARA, Original Hole		4	17,095.1	17,096.1	1/17/2026	
	NIOBRARA, Original Hole		4	17,120.2	17,121.2	1/17/2026	
14,889.8	NIOBRARA, Original Hole		4	17,153.7	17,154.7	1/17/2026	
	NIOBRARA, Original Hole		4	17,187.0	17,188.0	1/17/2026	
15,286.1	NIOBRARA, Original Hole		4	17,216.0	17,217.0	1/17/2026	
	NIOBRARA, Original Hole		4	17,246.1	17,247.1	1/17/2026	
15,680.8	NIOBRARA, Original Hole		4	17,276.3	17,277.3	1/17/2026	
	NIOBRARA, Original Hole		4	17,307.5	17,308.5	1/17/2026	
16,052.2	NIOBRARA, Original Hole		4	17,337.0	17,338.0	1/17/2026	
	NIOBRARA, Original Hole		4	17,366.5	17,367.5	1/17/2026	
16,426.6	NIOBRARA, Original Hole		4	17,395.5	17,396.5	1/17/2026	
	NIOBRARA, Original Hole		4	17,429.3	17,430.3	1/16/2026	
16,855.3	NIOBRARA, Original Hole		4	17,453.9	17,454.9	1/16/2026	
	NIOBRARA, Original Hole		4	17,490.6	17,491.6	1/16/2026	
17,246.1	NIOBRARA, Original Hole		4	17,513.7	17,514.7	1/16/2026	
	NIOBRARA, Original Hole		4	17,550.3	17,551.3	1/16/2026	
17,637.8	NIOBRARA, Original Hole		4	17,575.0	17,576.0	1/16/2026	
	NIOBRARA, Original Hole		4	17,608.4	17,609.4	1/16/2026	
	NIOBRARA, Original Hole		4	17,637.8	17,638.8	1/16/2026	
	NIOBRARA, Original Hole	RDX	4	17,665.0	17,666.0	12/31/2025	



# P&A Wellbore For State

Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Perforation Data					
MD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
		5.890.7		NIOBRARA, Original Hole	RDX	4	17,695.0
7.926.8	NIOBRARA, Original Hole	RDX		4	17,725.0	17,726.0	12/31/2025
8.292.0	NIOBRARA, Original Hole	RDX		4	17,755.0	17,756.0	12/31/2025
8.706.0	NIOBRARA, Original Hole	RDX		4	17,785.0	17,786.0	12/31/2025
9.065.6	NIOBRARA, Original Hole	RDX		4	17,815.0	17,816.0	12/31/2025
9.460.0	NIOBRARA, Original Hole	RDX		4	17,845.0	17,846.0	12/31/2025
9.857.9	NIOBRARA, Original Hole	RDX		4	17,876.0	17,877.0	12/31/2025
10.221.5	<b>Stim/Frac Stage</b>						
10.637.1	Zone	Start Date		Top (ftKB)	Btm (ftKB)		
11.002.0	NIOBRARA, Original Hole	2/6/2026		7,771.0	7,983.0		
11.394.4	NIOBRARA, Original Hole	2/5/2026		8,012.0	8,224.0		
11.781.2	NIOBRARA, Original Hole	2/5/2026		8,253.0	8,465.0		
12.179.8	NIOBRARA, Original Hole	2/5/2026		8,494.0	8,706.0		
12.569.6	NIOBRARA, Original Hole	2/4/2026		8,736.0	8,948.0		
12.925.9	NIOBRARA, Original Hole	2/4/2026		8,977.0	9,189.0		
13.320.2	NIOBRARA, Original Hole	2/3/2026		9,218.0	9,430.0		
13.719.2	NIOBRARA, Original Hole	2/3/2026		9,460.0	9,672.0		
14.107.9	NIOBRARA, Original Hole	2/2/2026		9,701.0	9,913.0		
14.499.7	NIOBRARA, Original Hole	2/2/2026		9,942.0	10,154.0		
14.889.8	NIOBRARA, Original Hole	2/1/2026		10,184.0	10,396.0		
15.286.1	NIOBRARA, Original Hole	2/1/2026	10,425.0	10,637.0			
15.680.8	NIOBRARA, Original Hole	1/31/2026	10,666.0	10,878.0			
16.052.2	NIOBRARA, Original Hole	1/31/2026	10,908.0	11,120.0			
16.462.6	NIOBRARA, Original Hole	1/30/2026	11,149.0	11,361.0			
16.855.3	NIOBRARA, Original Hole	1/30/2026	11,390.0	11,602.0			
17.246.1	NIOBRARA, Original Hole	1/29/2026	11,632.0	11,844.0			
17.637.8	NIOBRARA, Original Hole	1/29/2026	11,873.0	12,085.0			
	NIOBRARA, Original Hole	1/28/2026	12,114.0	12,326.0			
	NIOBRARA, Original Hole	1/28/2026	12,356.0	12,568.0			
	NIOBRARA, Original Hole	1/27/2026	12,597.0	12,809.0			
	NIOBRARA, Original Hole	1/26/2026	12,838.0	13,050.0			
	NIOBRARA, Original Hole	1/26/2026	13,080.0	13,292.0			
	NIOBRARA, Original Hole	1/25/2026	13,321.0	13,533.0			
	NIOBRARA, Original Hole	1/25/2026	13,562.0	13,774.0			
	NIOBRARA, Original Hole	1/24/2026	13,804.0	14,016.0			
	NIOBRARA, Original Hole	1/23/2026	14,045.0	14,257.0			
	NIOBRARA, Original Hole	1/23/2026	14,286.0	14,498.0			
	NIOBRARA, Original Hole	1/23/2026	14,528.0	14,740.0			
	NIOBRARA, Original Hole	1/22/2026	14,769.0	14,981.0			
	NIOBRARA, Original Hole	1/22/2026	15,010.0	15,222.0			
	NIOBRARA, Original Hole	1/21/2026	15,252.0	15,464.0			
	NIOBRARA, Original Hole	1/21/2026	15,493.0	15,705.0			
	NIOBRARA, Original Hole	1/20/2026	15,734.0	15,946.0			
	NIOBRARA, Original Hole	1/20/2026	15,976.0	16,188.0			
	NIOBRARA, Original Hole	1/19/2026	16,217.0	16,429.0			
	NIOBRARA, Original Hole	1/19/2026	16,458.0	16,670.0			
	NIOBRARA, Original Hole	1/18/2026	16,700.0	16,912.0			
	NIOBRARA, Original Hole	1/18/2026	16,941.0	17,153.0			
	NIOBRARA, Original Hole	1/17/2026	17,182.0	17,394.0			
	NIOBRARA, Original Hole	1/17/2026	17,424.0	17,636.0			
	NIOBRARA, Original Hole	1/16/2026	17,665.0	17,877.0			
	<b>Other In Hole</b>						
	Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)	
	3/3/2026	Packer		4 5/8	7,252.0	7,267.0	
	<b>Logs</b>						
	Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)			
	4/13/2024	Logging While Drilling (LWD)	2,065	17,909.0			
	4/13/2024	Resistivity	2,065	17,909.0			



# P&A Wellbore For State

Well Name: GUTTERSEN Y12-782

Original Hole [Land]		Wellbore Plug Back Total Depths			
MD (ftK B)	Vertical schematic (actual)	Date	Type	Com	PBTD (ftKB)
			4/15/2024	Ball Seat	BALL SEAT SUB

MD  
(ftK  
B)

Vertical schematic (actual)

