



# Wellbore Schematic Input Report

Well Name: Spinney 01N

Original Hole [Land]			Well Header							
MD (ftOTH)	Incl (°)	Vertical schematic (actual)	Surface UWI 0512351636		Asset Team 10003852		Production Tree Location Land			
			Original RKB Elevation (ft) 4,889.50		Original KB to Ground (ft) 28.50		Original Spud Date 4/28/2023		Abandon Date	
			Range 66W			Well Sub-Status PR			High Press... N	
			Directions To Well CR34-29 North 1/10 East into. Haul rout is 50% North-50% South from access point.				Latitude (°) 40° 14' 5.345" N		Longitude (°) 104° 47' 14.222" W	
			Comment							
Congressional Location										
			Quarter 3 SW	Quarter 4 SW	Section 9	Township 3	Twntshp N/S Dir N	Range 66	Range E/W Dir W	
Rig Operator										
Rig/Unit Supervisor Jason Morris										
Daily Cost Summary										
Sum of Field Est (Cost) 0										
Wellbore Plug Back Total Depths										
			Date	PBTD (ftOTH)	Method		Com			
			9/16/2024		Casing Tally					
Wellbore Sections										
			Section Des		Hole Size (in)		Top Depth (ftOTH)		Btm Depth (ftOTH)	
			Surface		13 1/2					
			Production		8 1/2					
Zone Statuses										
			Zone Name		Status Date			Status		
			Niobrara		9/5/2024			Open		
Casing Strings										
Surface, Actual, <DepthBtm>ftOTH										
			Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top Depth...	Set Depth...	
			Surface	2/26/2023	9 5/8	36.00	J-55			
Production, Actual, <DepthBtm>ftOTH										
			Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top Depth...	Set Depth...	
			Production	5/5/2023	5 1/2	20.00	P-110			
Cement										
			Des		Start Date		Top (ftOTH)		Btm (ftOTH)	
			Surface		2/26/2023					
			Production Casing Cement		5/6/2023					
Proposed Cement										
			Des				Top (ftOTH)		Btm (ftOTH)	
Tubing Strings										
			Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
			Tubing - Production	7/12/2024	2 3/8	1.990	4.70	L-80	7,674.63	
Tubing Components										
			Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftOTH)	
			Mandrel	4	4.70	N-80	1	1.00		
			Tubing	2 3/8	4.70	L-80	223	7,334.65		
			X Nipple	2 3/8	4.70	N-80	1	0.96		
			Tubing	2 3/8	4.70	L-80	10	329.80		
			XN Nipple	2 3/8	4.70	N-80	1	1.16		
			TUBING PUP JT	2 3/8	4.70	N-80	1	6.10		
			MULE SHOE RUPTURE DISC	2 3/8	4.70	N-80	1	0.96		
Other In Hole										
			Run Date	Des		Make	OD (in)	Top (ftOTH)	Btm (ftOTH)	
Proposed Other In Hole										
			Des		Make		OD (in)	Top (ftOTH)	Btm (ftOTH)	

29.5 0.1 Wellhead, 9 5/8in; 30; 28.5 TVD; 1.51; 28.5-30 TVD; 28.5-30

36.1 0.2 Casing joints, 9 5/8in; 1701; 36 TVD; 1,664.93; 36-1659.6 TVD; 36-1701

1,702.4 16.9

1,744.8 16.8 Casing joints, 9 5/8in; 1743.4; 1660.9 TVD; 41.10; 1660.9-1700.3 TVD; 1702.3-1743.4

3,490.5 16.8

6,667.0 16.5 Casing Joints, 5 1/2in; 3490.6; 28.5 TVD; 3,462.13; 28.5-3371.6 TVD; 28.5-3490.6

7,180.1 28.5

7,364.2 45.3 Casing Joints, 5 1/2in; 6666.9; 3385.8 TVD; 3,161.34; 3385.8-6400.9 TVD; 3505.5-6666.9

7,694.9 74.3

7,702.1 74.9 Casing Joints, 5 1/2in; 7180.1; 6410.6 TVD; 503.18; 6410.6-6887.4 TVD; 6676.9-7180.1

7,981.0 89.0

7,993.8 89.1 Casing Joints, 5 1/2in; 7983.8; 6888.8 TVD; 801.96; 6888.8-7231.3 TVD; 7181.8-7983.8

8,339.9 89.5

8,696.9 90.3

9,054.1 90.0

9,412.1 90.8

9,769.0 90.4

10,126.0 89.1

10,483.9 88.6

10,840.9 88.4

11,198.2 89.0

11,555.1 88.7 Casing Joints, 5 1/2in; 15466.6; 7231.5 TVD; 7,472.72; 7231.5-7192.6 TVD; 7993.8-15466.6

11,913.1 92.0

12,270.0 91.5

12,627.0 91.2

12,984.9 91.7

13,342.8 92.4

13,700.1 91.9

14,056.1 91.1

14,414.0 90.1

14,771.0 90.1

15,128.0 90.3

15,466.5 89.9

15,490.2 89.8

15,842.8 89.8

16,200.1 90.0

16,558.1 89.9

16,915.0 90.0

17,272.0 90.2

17,628.9 90.8

17,986.9 89.9

18,345.1 89.8

18,701.1 89.8 Casing Joints, 5 1/2in; 22488.7; 7192.6 TVD; 6,998.53; 7192.6-7182.6 TVD; 15490.1-22488.7

19,062.0 89.9

19,416.0 90.1

19,773.0 90.1

20,129.9 90.4

20,487.9 90.3

20,845.1 90.2

21,202.1 90.3

21,560.0 90.5

21,917.0 90.1 Casing Joints, 5 1/2in; 22965.4; 7182.4 TVD; 453.15; 7182.4-7178.8 TVD; 22512.2-22965.4

22,274.0 90.4

22,512.1 90.4 Wet Shoe Sub, 5 1/2in; 22976.3; 7178.8 TVD; 5.87; 7178.8-7178.7 TVD; 22970.5-22976.3

22,631.9 90.4

22,965.2 90.4 Float Collar, 5 1/2in; 22988.2; 7178.7 TVD; 1.84; 7178.7-7178.6 TVD; 22986.4-22988.2

22,976.4 90.4

22,986.5 90.4 Float Shoe, 5 1/2in; 23000; 7178.6 TVD; 1.68; 7178.6-7178.6 TVD; 22998.3-23000

22,998.4 90.4



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Original Hole [Land]			Logs			
MD (ftOTH)	Incl (°)	Vertical schematic (actual)	Date	Type	Depth Top (MD) (ftOTH)	Btm (ftOTH)
29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD; 1.51; 28.5-30 TVD; 28.5-30	Perforation Data			
36.1	0.2	Casing joints, 9 5/8in; 1701; 36 TVD; 1,664.93; 36-1659.6 TVD; 36-1701	Linked Zone	Sum of Entered Shot Total	Top (ftOTH)	Btm (ftOTH)
1,702.4	16.9					
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4; 1660.9 TVD; 41.10; 1660.9-1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4		6/25/2024
3,490.5	16.8		Niobrara, Original Hole	4		6/25/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 3490.6; 28.5 TVD; 3,462.13; 28.5-3371.6 TVD; 28.5-3490.6	Niobrara, Original Hole	4		6/25/2024
7,180.1	28.5		Niobrara, Original Hole	4		6/25/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 6666.9; 3385.8 TVD; 3,161.34; 3385.8-6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4		6/25/2024
7,694.9	74.3		Niobrara, Original Hole	4		6/25/2024
7,702.1	74.9	Casing Joints, 5 1/2in; 7180.1; 6410.6 TVD; 503.18; 6410.6-6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4		6/25/2024
7,981.0	89.0		Niobrara, Original Hole	4		6/25/2024
7,993.8	89.1	Casing Joints, 5 1/2in; 7983.8; 6888.8 TVD; 801.96; 6888.8-7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4		6/24/2024
8,339.9	89.5		Niobrara, Original Hole	4		6/24/2024
8,696.9	90.3		Niobrara, Original Hole	4		6/24/2024
9,054.1	90.0		Niobrara, Original Hole	4		6/24/2024
9,412.1	90.8		Niobrara, Original Hole	4		6/24/2024
9,769.0	90.4		Niobrara, Original Hole	4		6/24/2024
10,126.0	89.1		Niobrara, Original Hole	4		6/24/2024
10,483.9	88.6		Niobrara, Original Hole	4		6/24/2024
10,840.9	88.4		Niobrara, Original Hole	4		6/24/2024
11,198.2	89.0		Niobrara, Original Hole	4		6/24/2024
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6; 7231.5 TVD; 7,472.72; 7231.5-7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4		6/24/2024
11,913.1	92.0		Niobrara, Original Hole	4		6/24/2024
12,270.0	91.5		Niobrara, Original Hole	4		6/24/2024
12,627.0	91.2		Niobrara, Original Hole	4		6/24/2024
12,984.9	91.7		Niobrara, Original Hole	4		6/24/2024
13,342.8	92.4		Niobrara, Original Hole	4		6/24/2024
13,700.1	91.9		Niobrara, Original Hole	4		6/24/2024
14,056.1	91.1		Niobrara, Original Hole	4		6/24/2024
14,414.0	90.1		Niobrara, Original Hole	4		6/24/2024
14,771.0	90.1		Niobrara, Original Hole	4		6/24/2024
15,128.0	90.3		Niobrara, Original Hole	4		6/24/2024
15,466.5	89.9		Niobrara, Original Hole	4		6/24/2024
15,490.2	89.8		Niobrara, Original Hole	4		6/24/2024
15,842.8	89.8		Niobrara, Original Hole	4		6/24/2024
16,200.1	90.0		Niobrara, Original Hole	4		6/24/2024
16,558.1	89.9		Niobrara, Original Hole	4		6/24/2024
16,915.0	90.0		Niobrara, Original Hole	4		6/24/2024
17,272.0	90.2		Niobrara, Original Hole	4		6/24/2024
17,628.9	90.8		Niobrara, Original Hole	4		6/24/2024
17,986.9	89.9		Niobrara, Original Hole	4		6/24/2024
18,345.1	89.8		Niobrara, Original Hole	4		6/24/2024
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7; 7192.6 TVD; 6,998.53; 7192.6-7182.6 TVD; 15490.1-22488.7	Niobrara, Original Hole	4		6/24/2024
19,062.0	89.9		Niobrara, Original Hole	4		6/23/2024
19,416.0	90.1		Niobrara, Original Hole	4		6/23/2024
19,773.0	90.1		Niobrara, Original Hole	4		6/23/2024
20,129.9	90.4		Niobrara, Original Hole	4		6/23/2024
20,487.9	90.3		Niobrara, Original Hole	4		6/23/2024
20,845.1	90.2		Niobrara, Original Hole	4		6/23/2024
21,202.1	90.3		Niobrara, Original Hole	4		6/23/2024
21,560.0	90.5		Niobrara, Original Hole	4		6/23/2024
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4; 7182.4 TVD; 453.15; 7182.4-7178.8 TVD; 22512.2-22965.4	Niobrara, Original Hole	4		6/23/2024
22,274.0	90.4		Niobrara, Original Hole	4		6/23/2024
22,512.1	90.4	Wet Shoe Sub, 5 1/2in; 22976.3; 7178.8 TVD; 5.87; 7178.8-7178.7 TVD; 22970.5-22976.3	Niobrara, Original Hole	4		6/23/2024
22,631.9	90.4		Niobrara, Original Hole	4		6/23/2024
22,965.2	90.4	Float Collar, 5 1/2in; 22988.2; 7178.7 TVD; 1.84; 7178.7-7178.6 TVD; 22986.4-22988.2	Niobrara, Original Hole	4		6/23/2024
22,976.4	90.4		Niobrara, Original Hole	4		6/23/2024
22,986.5	90.4	Float Shoe, 5 1/2in; 23000; 7178.6 TVD; 1.68; 7178.6-7178.6 TVD; 22998.3-23000	Niobrara, Original Hole	4		6/23/2024
22,998.4	90.4		Niobrara, Original Hole	4		6/23/2024



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Well Name: Spinney 01N

Original Hole [Land]			Perforation Data				
MD (fOTH)	Incl (°)	Vertical schematic (actual)	Linked Zone	Sum of Entered Shot Total	Top (fOTH)	Btm (fOTH)	Date
29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD;	Niobrara, Original Hole	4			6/23/2024
		1.51; 28.5-30 TVD; 28.5-30	Niobrara, Original Hole	4			6/23/2024
36.1	0.2	Casing joints, 9 5/8in; 1701; 36	Niobrara, Original Hole	4			6/23/2024
1,702.4	16.9	TVD; 1,664.93; 36-1659.6 TVD;	Niobrara, Original Hole	4			6/23/2024
		36-1701	Niobrara, Original Hole	4			6/23/2024
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4;	Niobrara, Original Hole	4			6/23/2024
		1660.9 TVD; 41.10; 1660.9-	Niobrara, Original Hole	4			6/23/2024
3,490.5	16.8	1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4			6/23/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 3490.6;	Niobrara, Original Hole	4			6/23/2024
		28.5 TVD; 3,462.13; 28.5-3371.6	Niobrara, Original Hole	4			6/23/2024
7,180.1	28.5	TVD; 28.5-3490.6	Niobrara, Original Hole	4			6/23/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 6666.9;	Niobrara, Original Hole	4			6/22/2024
		3385.8 TVD; 3,161.34; 3385.8-	Niobrara, Original Hole	4			6/22/2024
7,694.9	74.3	6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4			6/22/2024
7,702.1	74.9	Casing Joints, 5 1/2in; 7180.1;	Niobrara, Original Hole	4			6/22/2024
		6410.6 TVD; 503.18; 6410.6-	Niobrara, Original Hole	4			6/22/2024
7,981.0	89.0	6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4			6/22/2024
7,993.8	89.1	Casing Joints, 5 1/2in; 7983.8;	Niobrara, Original Hole	4			6/22/2024
		6888.8 TVD; 801.96; 6888.8-	Niobrara, Original Hole	4			6/22/2024
8,339.9	89.5	7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4			6/22/2024
8,696.9	90.3		Niobrara, Original Hole	4			6/22/2024
9,054.1	90.0		Niobrara, Original Hole	4			6/22/2024
9,412.1	90.8		Niobrara, Original Hole	4			6/22/2024
9,769.0	90.4		Niobrara, Original Hole	4			6/22/2024
10,126.0	89.1		Niobrara, Original Hole	4			6/22/2024
10,483.9	88.6		Niobrara, Original Hole	4			6/22/2024
10,840.9	88.4		Niobrara, Original Hole	4			6/22/2024
11,198.2	89.0		Niobrara, Original Hole	4			6/22/2024
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6;	Niobrara, Original Hole	4			6/22/2024
		7231.5 TVD; 7,472.72; 7231.5-	Niobrara, Original Hole	4			6/22/2024
11,913.1	92.0	7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4			6/22/2024
12,270.0	91.5		Niobrara, Original Hole	4			6/22/2024
12,627.0	91.2		Niobrara, Original Hole	4			6/22/2024
12,984.9	91.7		Niobrara, Original Hole	4			6/22/2024
13,342.8	92.4		Niobrara, Original Hole	4			6/22/2024
13,700.1	91.9		Niobrara, Original Hole	4			6/22/2024
14,056.1	91.1		Niobrara, Original Hole	4			6/22/2024
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14,771.0	90.1		Niobrara, Original Hole	4			6/22/2024
15,128.0	90.3		Niobrara, Original Hole	4			6/22/2024
15,466.5	89.9		Niobrara, Original Hole	4			6/22/2024
15,490.2	89.8		Niobrara, Original Hole	4			6/22/2024
15,842.8	89.8		Niobrara, Original Hole	4			6/22/2024
16,200.1	90.0		Niobrara, Original Hole	4			6/22/2024
16,558.1	89.9		Niobrara, Original Hole	4			6/22/2024
16,915.0	90.0		Niobrara, Original Hole	4			6/22/2024
17,272.0	90.2		Niobrara, Original Hole	4			6/22/2024
17,628.9	90.8		Niobrara, Original Hole	4			6/21/2024
17,986.9	89.9		Niobrara, Original Hole	4			6/21/2024
18,345.1	89.8		Niobrara, Original Hole	4			6/21/2024
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7;	Niobrara, Original Hole	4			6/21/2024
		7192.6 TVD; 6,998.53; 7192.6-	Niobrara, Original Hole	4			6/21/2024
19,062.0	89.9	7182.6 TVD; 15490.1-22488.7	Niobrara, Original Hole	4			6/21/2024
19,416.0	90.1		Niobrara, Original Hole	4			6/21/2024
19,773.0	90.1		Niobrara, Original Hole	4			6/21/2024
20,129.9	90.4		Niobrara, Original Hole	4			6/21/2024
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20,845.1	90.2		Niobrara, Original Hole	4			6/21/2024
21,202.1	90.3		Niobrara, Original Hole	4			6/21/2024
21,560.0	90.5		Niobrara, Original Hole	4			6/21/2024
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4;	Niobrara, Original Hole	4			6/21/2024
		7182.4 TVD; 453.15; 7182.4-	Niobrara, Original Hole	4			6/21/2024
22,274.0	90.4	7178.8 TVD; 22512.2-22965.4	Niobrara, Original Hole	4			6/21/2024
22,512.1	90.4	Wet Shoe Sub, 5 1/2in; 22976.3;	Niobrara, Original Hole	4			6/21/2024
		7178.8 TVD; 5.87; 7178.8-7178.7	Niobrara, Original Hole	4			6/21/2024
22,631.9	90.4	TVD; 22970.5-22976.3	Niobrara, Original Hole	4			6/21/2024
22,965.2	90.4	Float Collar, 5 1/2in; 22988.2;	Niobrara, Original Hole	4			6/20/2024
		7178.7 TVD; 1.84; 7178.7-7178.6	Niobrara, Original Hole	4			6/20/2024
22,976.4	90.4	TVD; 22986.4-22988.2	Niobrara, Original Hole	4			6/20/2024
22,986.5	90.4	Float Shoe, 5 1/2in; 23000;	Niobrara, Original Hole	4			6/20/2024
		7178.6 TVD; 1.68; 7178.6-7178.6	Niobrara, Original Hole	4			6/20/2024
22,998.4	90.4	TVD; 22998.3-23000	Niobrara, Original Hole	4			6/20/2024



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Original Hole [Land]			Perforation Data				
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29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD; 1.51; 28.5-30 TVD; 28.5-30	Niobrara, Original Hole	4			6/20/2024
36.1	0.2		Niobrara, Original Hole	4			6/20/2024
1,702.4	16.9	Casing joints, 9 5/8in; 1701; 36 TVD; 1,664.93; 36-1659.6 TVD; 36-1701	Niobrara, Original Hole	4			6/20/2024
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4; 1660.9 TVD; 41.10; 1660.9-1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4			6/20/2024
3,490.5	16.8	Casing Joints, 5 1/2in; 3490.6; 28.5 TVD; 3,462.13; 28.5-3371.6 TVD; 28.5-3490.6	Niobrara, Original Hole	4			6/20/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 6666.9; 3385.8 TVD; 3,161.34; 3385.8-6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4			6/20/2024
7,180.1	28.5	Casing Joints, 5 1/2in; 7180.1; 6410.6 TVD; 503.18; 6410.6-6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4			6/20/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 7983.8; 6888.8 TVD; 801.96; 6888.8-7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4			6/20/2024
7,694.9	74.3		Niobrara, Original Hole	4			6/20/2024
7,702.1	74.9		Niobrara, Original Hole	4			6/20/2024
7,981.0	89.0		Niobrara, Original Hole	4			6/20/2024
7,993.8	89.1		Niobrara, Original Hole	4			6/20/2024
8,339.9	89.5		Niobrara, Original Hole	4			6/20/2024
8,696.9	90.3		Niobrara, Original Hole	4			6/20/2024
9,054.1	90.0		Niobrara, Original Hole	4			6/20/2024
9,412.1	90.8		Niobrara, Original Hole	4			6/20/2024
9,769.0	90.4		Niobrara, Original Hole	4			6/20/2024
10,126.0	89.1		Niobrara, Original Hole	4			6/20/2024
10,483.9	88.6		Niobrara, Original Hole	4			6/20/2024
10,840.9	88.4		Niobrara, Original Hole	4			6/20/2024
11,198.2	89.0		Niobrara, Original Hole	4			6/20/2024
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6; 7231.5 TVD; 7,472.72; 7231.5-7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4			6/20/2024
11,913.1	92.0		Niobrara, Original Hole	4			6/20/2024
12,270.0	91.5		Niobrara, Original Hole	4			6/20/2024
12,627.0	91.2		Niobrara, Original Hole	4			6/20/2024
12,984.9	91.7		Niobrara, Original Hole	4			6/20/2024
13,342.8	92.4		Niobrara, Original Hole	4			6/20/2024
13,700.1	91.9		Niobrara, Original Hole	4			6/19/2024
14,056.1	91.1		Niobrara, Original Hole	4			6/19/2024
14,414.0	90.1		Niobrara, Original Hole	4			6/19/2024
14,771.0	90.1		Niobrara, Original Hole	4			6/19/2024
15,128.0	90.3		Niobrara, Original Hole	4			6/19/2024
15,466.5	89.9		Niobrara, Original Hole	4			6/19/2024
15,490.2	89.8		Niobrara, Original Hole	4			6/19/2024
15,842.8	89.8		Niobrara, Original Hole	4			6/19/2024
16,200.1	90.0		Niobrara, Original Hole	4			6/19/2024
16,558.1	89.9		Niobrara, Original Hole	4			6/19/2024
16,915.0	90.0		Niobrara, Original Hole	4			6/19/2024
17,272.0	90.2		Niobrara, Original Hole	4			6/19/2024
17,628.9	90.8		Niobrara, Original Hole	4			6/19/2024
17,986.9	89.9		Niobrara, Original Hole	4			6/19/2024
18,345.1	89.8		Niobrara, Original Hole	4			6/19/2024
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7; 7192.6 TVD; 6,998.53; 7192.6-7182.6 TVD; 15490.1-22488.7	Niobrara, Original Hole	4			6/19/2024
19,062.0	89.9		Niobrara, Original Hole	4			6/19/2024
19,416.0	90.1		Niobrara, Original Hole	4			6/19/2024
19,773.0	90.1		Niobrara, Original Hole	4			6/19/2024
20,129.9	90.4		Niobrara, Original Hole	4			6/19/2024
20,487.9	90.3		Niobrara, Original Hole	4			6/19/2024
20,845.1	90.2		Niobrara, Original Hole	4			6/19/2024
21,202.1	90.3		Niobrara, Original Hole	4			6/19/2024
21,560.0	90.5		Niobrara, Original Hole	4			6/19/2024
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4; 7182.4 TVD; 453.15; 7182.4-7178.8 TVD; 22512.2-22965.4	Niobrara, Original Hole	4			6/19/2024
22,274.0	90.4	Wet Shoe Sub, 5 1/2in; 22976.3; 7178.8 TVD; 5.87; 7178.8-7178.7 TVD; 22970.5-22976.3	Niobrara, Original Hole	4			6/19/2024
22,512.1	90.4		Niobrara, Original Hole	4			6/19/2024
22,631.9	90.4		Niobrara, Original Hole	4			6/19/2024
22,965.2	90.4	Float Collar, 5 1/2in; 22988.2; 7178.7 TVD; 1.84; 7178.7-7178.6 TVD; 22986.4-22988.2	Niobrara, Original Hole	4			6/19/2024
22,976.4	90.4		Niobrara, Original Hole	4			6/19/2024
22,986.5	90.4	Float Shoe, 5 1/2in; 23000; 7178.6 TVD; 1.68; 7178.6-7178.6 TVD; 22998.3-23000	Niobrara, Original Hole	4			6/19/2024
22,998.4	90.4		Niobrara, Original Hole	4			6/19/2024





# Wellbore Schematic Input Report

Well Name: Spinney 01N

Original Hole [Land]			Perforation Data				
MD (fOTH)	Incl (°)	Vertical schematic (actual)	Linked Zone	Sum of Entered Shot Total	Top (fOTH)	Btm (fOTH)	Date
29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD;	Niobrara, Original Hole	4			6/18/2024
		1.51; 28.5-30 TVD; 28.5-30	Niobrara, Original Hole	4			6/18/2024
36.1	0.2	Casing joints, 9 5/8in; 1701; 36	Niobrara, Original Hole	4			6/18/2024
1,702.4	16.9	TVD; 1,664.93; 36-1659.6 TVD;	Niobrara, Original Hole	4			6/18/2024
		36-1701	Niobrara, Original Hole	4			6/18/2024
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4;	Niobrara, Original Hole	4			6/18/2024
		1660.9 TVD; 41.10; 1660.9-	Niobrara, Original Hole	4			6/18/2024
3,490.5	16.8	1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4			6/18/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 3490.6;	Niobrara, Original Hole	4			6/18/2024
		28.5 TVD; 3,462.13; 28.5-3371.6	Niobrara, Original Hole	4			6/18/2024
7,180.1	28.5	TVD; 28.5-3490.6	Niobrara, Original Hole	4			6/18/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 6666.9;	Niobrara, Original Hole	4			6/18/2024
		3385.8 TVD; 3,161.34; 3385.8-	Niobrara, Original Hole	4			6/18/2024
7,694.9	74.3	6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4			6/18/2024
7,702.1	74.9	Casing Joints, 5 1/2in; 7180.1;	Niobrara, Original Hole	4			6/18/2024
		6410.6 TVD; 503.18; 6410.6-	Niobrara, Original Hole	4			6/18/2024
7,981.0	89.0	6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4			6/18/2024
7,993.8	89.1	Casing Joints, 5 1/2in; 7983.8;	Niobrara, Original Hole	4			6/18/2024
		6888.8 TVD; 801.96; 6888.8-	Niobrara, Original Hole	4			6/18/2024
8,339.9	89.5	7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4			6/18/2024
8,696.9	90.3		Niobrara, Original Hole	4			6/18/2024
9,054.1	90.0		Niobrara, Original Hole	4			6/18/2024
9,412.1	90.8		Niobrara, Original Hole	4			6/18/2024
9,769.0	90.4		Niobrara, Original Hole	4			6/18/2024
10,126.0	89.1		Niobrara, Original Hole	4			6/18/2024
10,483.9	88.6		Niobrara, Original Hole	4			6/18/2024
10,840.9	88.4		Niobrara, Original Hole	4			6/18/2024
11,198.2	89.0		Niobrara, Original Hole	4			6/18/2024
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6;	Niobrara, Original Hole	4			6/18/2024
		7231.5 TVD; 7,472.72; 7231.5-	Niobrara, Original Hole	4			6/18/2024
11,913.1	92.0	7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4			6/18/2024
12,270.0	91.5		Niobrara, Original Hole	4			6/17/2024
12,627.0	91.2		Niobrara, Original Hole	4			6/17/2024
12,984.9	91.7		Niobrara, Original Hole	4			6/17/2024
13,342.8	92.4		Niobrara, Original Hole	4			6/17/2024
13,700.1	91.9		Niobrara, Original Hole	4			6/17/2024
14,056.1	91.1		Niobrara, Original Hole	4			6/17/2024
14,414.0	90.1		Niobrara, Original Hole	4			6/17/2024
14,771.0	90.1		Niobrara, Original Hole	4			6/17/2024
15,128.0	90.3		Niobrara, Original Hole	4			6/17/2024
15,466.5	89.9		Niobrara, Original Hole	4			6/17/2024
15,490.2	89.8		Niobrara, Original Hole	4			6/17/2024
15,842.8	89.8		Niobrara, Original Hole	4			6/17/2024
16,200.1	90.0		Niobrara, Original Hole	4			6/17/2024
16,558.1	89.9		Niobrara, Original Hole	4			6/17/2024
16,915.0	90.0		Niobrara, Original Hole	4			6/17/2024
17,272.0	90.2		Niobrara, Original Hole	4			6/17/2024
17,628.9	90.8		Niobrara, Original Hole	4			6/17/2024
17,986.9	89.9		Niobrara, Original Hole	4			6/17/2024
18,345.1	89.8		Niobrara, Original Hole	4			6/17/2024
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7;	Niobrara, Original Hole	4			6/17/2024
		7192.6 TVD; 6,998.53; 7192.6-	Niobrara, Original Hole	4			6/17/2024
19,062.0	89.9	7182.6 TVD; 15490.1-22488.7	Niobrara, Original Hole	4			6/17/2024
19,416.0	90.1		Niobrara, Original Hole	4			6/17/2024
19,773.0	90.1		Niobrara, Original Hole	4			6/17/2024
20,129.9	90.4		Niobrara, Original Hole	4			6/17/2024
20,487.9	90.3		Niobrara, Original Hole	4			6/16/2024
20,845.1	90.2		Niobrara, Original Hole	4			6/16/2024
21,202.1	90.3		Niobrara, Original Hole	4			6/16/2024
21,560.0	90.5		Niobrara, Original Hole	4			6/16/2024
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4;	Niobrara, Original Hole	4			6/16/2024
		7182.4 TVD; 453.15; 7182.4-	Niobrara, Original Hole	4			6/16/2024
22,274.0	90.4	7178.8 TVD; 22512.2-22965.4	Niobrara, Original Hole	4			6/16/2024
22,512.1	90.4	Wet Shoe Sub, 5 1/2in; 22976.3;	Niobrara, Original Hole	4			6/16/2024
		7178.8 TVD; 5.87; 7178.8-7178.7	Niobrara, Original Hole	4			6/16/2024
22,631.9	90.4	TVD; 22970.5-22976.3	Niobrara, Original Hole	4			6/16/2024
22,965.2	90.4	Float Collar, 5 1/2in; 22988.2;	Niobrara, Original Hole	4			6/16/2024
		7178.7 TVD; 1.84; 7178.7-7178.6	Niobrara, Original Hole	4			6/16/2024
22,976.4	90.4	TVD; 22986.4-22988.2	Niobrara, Original Hole	4			6/16/2024
22,986.5	90.4	Float Shoe, 5 1/2in; 23000;	Niobrara, Original Hole	4			6/16/2024
		7178.6 TVD; 1.68; 7178.6-7178.6	Niobrara, Original Hole	4			6/16/2024
22,998.4	90.4	TVD; 22998.3-23000	Niobrara, Original Hole	4			6/16/2024



# Wellbore Schematic Input Report

Well Name: Spinney 01N

Original Hole [Land]			Perforation Data				
MD (fROTH)	Incl (°)	Vertical schematic (actual)	Linked Zone	Sum of Entered Shot Total	Top (fROTH)	Btm (fROTH)	Date
29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD; 1.51; 28.5-30 TVD; 28.5-30	Niobrara, Original Hole	4			6/16/2024
36.1	0.2		Niobrara, Original Hole	4			6/16/2024
1,702.4	16.9	Casing joints, 9 5/8in; 1701; 36 TVD; 1,664.93; 36-1659.6 TVD; 36-1701	Niobrara, Original Hole	4			6/16/2024
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4; 1660.9 TVD; 41.10; 1660.9-1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4			6/16/2024
3,490.5	16.8	Casing Joints, 5 1/2in; 3490.6; 28.5 TVD; 3,462.13; 28.5-3371.6 TVD; 28.5-3490.6	Niobrara, Original Hole	4			6/16/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 6666.9; 3385.8 TVD; 3,161.34; 3385.8-6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4			6/16/2024
7,180.1	28.5	Casing Joints, 5 1/2in; 7180.1; 6410.6 TVD; 503.18; 6410.6-6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4			6/16/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 7983.8; 6888.8 TVD; 801.96; 6888.8-7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4			6/16/2024
7,694.9	74.3		Niobrara, Original Hole	4			6/16/2024
7,702.1	74.9		Niobrara, Original Hole	4			6/16/2024
7,981.0	89.0		Niobrara, Original Hole	4			6/16/2024
7,993.8	89.1		Niobrara, Original Hole	4			6/16/2024
8,339.9	89.5		Niobrara, Original Hole	4			6/15/2024
8,696.9	90.3		Niobrara, Original Hole	4			6/15/2024
9,054.1	90.0		Niobrara, Original Hole	4			6/15/2024
9,412.1	90.8		Niobrara, Original Hole	4			6/15/2024
9,769.0	90.4		Niobrara, Original Hole	4			6/15/2024
10,126.0	89.1		Niobrara, Original Hole	4			6/15/2024
10,483.9	88.6		Niobrara, Original Hole	4			6/15/2024
10,840.9	88.4		Niobrara, Original Hole	4			6/15/2024
11,198.2	89.0		Niobrara, Original Hole	4			6/15/2024
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6; 7231.5 TVD; 7,472.72; 7231.5-7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4			6/15/2024
11,913.1	92.0		Niobrara, Original Hole	4			6/15/2024
12,270.0	91.5		Niobrara, Original Hole	4			6/15/2024
12,627.0	91.2		Niobrara, Original Hole	4			6/15/2024
12,984.9	91.7		Niobrara, Original Hole	4			6/15/2024
13,342.8	92.4		Niobrara, Original Hole	4			6/15/2024
13,700.1	91.9		Niobrara, Original Hole	4			6/14/2024
14,056.1	91.1		Niobrara, Original Hole	4			6/14/2024
14,414.0	90.1		Niobrara, Original Hole	4			6/14/2024
14,771.0	90.1		Niobrara, Original Hole	4			6/14/2024
15,128.0	90.3		Niobrara, Original Hole	4			6/14/2024
15,466.5	89.9		Niobrara, Original Hole	4			6/14/2024
15,490.2	89.8		Niobrara, Original Hole	4			6/14/2024
15,842.8	89.8		Niobrara, Original Hole	4			6/14/2024
16,200.1	90.0		Niobrara, Original Hole	4			6/14/2024
16,558.1	89.9		Niobrara, Original Hole	4			6/14/2024
16,915.0	90.0		Niobrara, Original Hole	4			6/14/2024
17,272.0	90.2		Niobrara, Original Hole	4			6/14/2024
17,628.9	90.8		Niobrara, Original Hole	4			6/14/2024
17,986.9	89.9		Niobrara, Original Hole	4			6/14/2024
18,345.1	89.8		Niobrara, Original Hole	4			6/14/2024
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7; 7192.6 TVD; 6,998.53; 7192.6-7182.6 TVD; 15490.1-22488.7	Niobrara, Original Hole	4			6/14/2024
19,062.0	89.9		Niobrara, Original Hole	4			6/14/2024
19,416.0	90.1		Niobrara, Original Hole	4			6/14/2024
19,773.0	90.1		Niobrara, Original Hole	4			6/14/2024
20,129.9	90.4		Niobrara, Original Hole	4			6/14/2024
20,487.9	90.3		Niobrara, Original Hole	4			6/14/2024
20,845.1	90.2		Niobrara, Original Hole	4			6/14/2024
21,202.1	90.3		Niobrara, Original Hole	4			6/14/2024
21,560.0	90.5		Niobrara, Original Hole	4			6/14/2024
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4; 7182.4 TVD; 453.15; 7182.4-7178.8 TVD; 22512.2-22965.4	Niobrara, Original Hole	4			6/13/2024
22,274.0	90.4	Wet Shoe Sub, 5 1/2in; 22976.3; 7178.8 TVD; 5.87; 7178.8-7178.7 TVD; 22970.5-22976.3	Niobrara, Original Hole	4			6/13/2024
22,512.1	90.4		Niobrara, Original Hole	4			6/13/2024
22,631.9	90.4		Niobrara, Original Hole	4			6/13/2024
22,965.2	90.4	Float Collar, 5 1/2in; 22988.2; 7178.7 TVD; 1.84; 7178.7-7178.6 TVD; 22986.4-22988.2	Niobrara, Original Hole	4			6/13/2024
22,976.4	90.4		Niobrara, Original Hole	4			6/13/2024
22,986.5	90.4	Float Shoe, 5 1/2in; 23000; 7178.6 TVD; 1.68; 7178.6-7178.6 TVD; 22998.3-23000	Niobrara, Original Hole	4			6/13/2024
22,998.4	90.4		Niobrara, Original Hole	4			6/13/2024



Well Name: Spinney 01N

Original Hole [Land]			Perforation Data				
MD (ftOTH)	Incl (°)	Vertical schematic (actual)	Linked Zone	Sum of Entered Shot Total	Top (ftOTH)	Btm (ftOTH)	Date
29.5	0.1	Wellhead, 9 5/8in; 30; 28.5 TVD; 1.51; 28.5-30 TVD; 28.5-30	Niobrara, Original Hole	4			6/13/2024
36.1	0.2		Niobrara, Original Hole	4			6/13/2024
1,702.4	16.9	Casing joints, 9 5/8in; 1701; 36 TVD; 1,664.93; 36-1659.6 TVD; 36-1701	Niobrara, Original Hole	4			6/13/2024
1,744.8	16.8	Casing joints, 9 5/8in; 1743.4; 1660.9 TVD; 41.10; 1660.9-1700.3 TVD; 1702.3-1743.4	Niobrara, Original Hole	4			6/13/2024
3,490.5	16.8	Casing Joints, 5 1/2in; 3490.6; 28.5 TVD; 3,462.13; 28.5-3371.6 TVD; 28.5-3490.6	Niobrara, Original Hole	4			6/13/2024
6,667.0	16.5	Casing Joints, 5 1/2in; 6666.9; 3385.8 TVD; 3,161.34; 3385.8-6400.9 TVD; 3505.5-6666.9	Niobrara, Original Hole	4			6/13/2024
7,180.1	28.5	Casing Joints, 5 1/2in; 7180.1; 6410.6 TVD; 503.18; 6410.6-6887.4 TVD; 6676.9-7180.1	Niobrara, Original Hole	4			6/13/2024
7,364.2	45.3	Casing Joints, 5 1/2in; 7983.8; 6888.8 TVD; 801.96; 6888.8-7231.3 TVD; 7181.8-7983.8	Niobrara, Original Hole	4			6/12/2024
7,694.9	74.3		Niobrara, Original Hole	4			6/12/2024
7,702.1	74.9		Niobrara, Original Hole	4			6/12/2024
7,981.0	89.0		Niobrara, Original Hole	4			6/12/2024
7,993.8	89.1		Niobrara, Original Hole	4			6/12/2024
8,339.9	89.5		Niobrara, Original Hole	4			6/12/2024
8,696.9	90.3		Niobrara, Original Hole	4			6/12/2024
9,054.1	90.0		Niobrara, Original Hole	4			6/12/2024
9,412.1	90.8		Niobrara, Original Hole	4			6/12/2024
9,769.0	90.4		Niobrara, Original Hole	4			6/12/2024
10,126.0	89.1		Niobrara, Original Hole	4			6/12/2024
10,483.9	88.6		Niobrara, Original Hole	4			6/12/2024
10,840.9	88.4		Niobrara, Original Hole	4			6/12/2024
11,198.2	89.0		Niobrara, Original Hole	4	6/12/2024		
11,555.1	88.7	Casing Joints, 5 1/2in; 15466.6; 7231.5 TVD; 7,472.72; 7231.5-7192.6 TVD; 7993.8-15466.6	Niobrara, Original Hole	4	6/12/2024		
11,913.1	92.0		Niobrara, Original Hole	4	6/12/2024		
12,270.0	91.5		Niobrara, Original Hole	4	6/12/2024		
12,627.0	91.2		Niobrara, Original Hole	4	6/12/2024		
12,984.9	91.7		Niobrara, Original Hole	4	6/12/2024		
13,342.8	92.4		Niobrara, Original Hole	4	6/12/2024		
13,700.1	91.9		Niobrara, Original Hole	4	6/12/2024		
14,056.1	91.1		Niobrara, Original Hole	4	6/12/2024		
14,414.0	90.1		Niobrara, Original Hole	4	6/12/2024		
14,771.0	90.1		Niobrara, Original Hole	4	6/12/2024		
15,128.0	90.3		Niobrara, Original Hole	4	6/12/2024		
15,466.5	89.9		Niobrara, Original Hole	5	4/14/2024		
15,490.2	89.8		Niobrara, Original Hole	5	4/14/2024		
15,842.8	89.8		Niobrara, Original Hole	5	4/14/2024		
16,200.1	90.0		Niobrara, Original Hole	5	4/14/2024		
16,558.1	89.9		Niobrara, Original Hole	4	4/14/2024		
16,915.0	90.0		Niobrara, Original Hole	4	4/14/2024		
17,272.0	90.2		Niobrara, Original Hole	4	4/14/2024		
17,628.9	90.8		Niobrara, Original Hole	4	4/14/2024		
17,986.9	89.9		Total	1,348			
18,345.1	89.8		Job Supply Amounts				
18,701.1	89.8	Casing Joints, 5 1/2in; 22488.7; 7192.6 TVD; 6,998.53; 7192.6-7182.6 TVD; 15490.1-22488.7	Supply Item Des	Job Supply Type	Uni...	Job Category	Total... Total... Total...
19,062.0	89.9		Daily Cost Breakdown by Category				
19,416.0	90.1		Field Est (Cost)	Description	Note		
19,773.0	90.1						
20,129.9	90.4						
20,487.9	90.3						
20,845.1	90.2						
21,202.1	90.3						
21,560.0	90.5						
21,917.0	90.1	Casing Joints, 5 1/2in; 22965.4; 7182.4 TVD; 453.15; 7182.4-7178.8 TVD; 22512.2-22965.4					
22,274.0	90.4	Wet Shoe Sub, 5 1/2in; 22976.3; 7178.8 TVD; 5.87; 7178.8-7178.7 TVD; 22970.5-22976.3					
22,512.1	90.4	Float Collar, 5 1/2in; 22988.2; 7178.7 TVD; 1.84; 7178.7-7178.6 TVD; 22986.4-22988.2					
22,976.4	90.4	Float Shoe, 5 1/2in; 23000; 7178.6 TVD; 1.68; 7178.6-7178.6 TVD; 22998.3-23000					
22,986.5	90.4						
22,998.4	90.4						