

# Noble Energy (Rockies)

Garfield County, CO

Sec. 35-T7S-R95W (SGV 35L PAD)

Rulison Federal 35-24C - A 6

Wellbore #1

Plan: Plan #1

## Sperry Drilling Services

### Proposal Report

12 November, 2009

Well Coordinates: 577,326.00 N, 1,301,600.80 E (39° 23' 32.89" N, 107° 58' 17.18" W)

Ground Level: 9,203.00 ft

Local Coordinate Origin: Centered on Well Rulison Federal 35-24C - Slot A 6

Viewing Datum: RKB - 24' @ 9227.00ft

TVDs to System: N

North Reference: Grid

Unit System: API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

**HALLIBURTON**

**Plan Report for Rulison Federal 35-24C - Plan #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.00	0.00	0.00	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Kickoff at 225.00ft</b>										
300.00	1.50	139.28	299.99	-0.74	0.64	0.98	2.00	2.00	0.00	139.28
400.00	3.50	139.28	399.89	-4.05	3.49	5.34	2.00	2.00	0.00	0.00
500.00	5.50	139.28	499.58	-10.00	8.60	13.18	2.00	2.00	0.00	0.00
600.00	7.50	139.28	598.93	-18.57	15.99	24.50	2.00	2.00	0.00	0.00
700.00	9.50	139.28	697.83	-29.78	25.63	39.28	2.00	2.00	0.00	0.00
775.00	11.00	139.28	771.63	-39.89	34.34	52.62	2.00	2.00	0.00	0.00
<b>Build Rate = 2.00°/100ft</b>										
800.00	11.50	139.28	796.15	-43.59	37.52	57.49	2.00	2.00	0.00	0.00
900.00	13.50	139.28	893.77	-59.99	51.64	79.13	2.00	2.00	0.00	0.00
1,000.00	15.50	139.28	990.58	-78.97	67.97	104.16	2.00	2.00	0.00	0.00
1,100.00	17.50	139.28	1,086.46	-100.49	86.50	132.55	2.00	2.00	0.00	0.00
1,200.00	19.50	139.28	1,181.29	-124.54	107.20	164.27	2.00	2.00	0.00	0.00
1,279.74	21.09	139.28	1,256.07	-145.50	125.24	191.92	2.00	2.00	0.00	0.00
<b>End Build at 1279.74ft</b>										
1,300.00	21.09	139.28	1,274.97	-151.03	130.00	199.21	0.00	0.00	0.00	0.00
1,400.00	21.09	139.28	1,368.27	-178.30	153.48	235.19	0.00	0.00	0.00	0.00
1,500.00	21.09	139.28	1,461.57	-205.58	176.96	271.17	0.00	0.00	0.00	0.00
<b>8 5/8" Casing Pt.</b>										
1,600.00	21.09	139.28	1,554.87	-232.86	200.44	307.14	0.00	0.00	0.00	0.00
1,700.00	21.09	139.28	1,648.17	-260.14	223.92	343.12	0.00	0.00	0.00	0.00
1,800.00	21.09	139.28	1,741.47	-287.41	247.40	379.10	0.00	0.00	0.00	0.00
1,900.00	21.09	139.28	1,834.77	-314.69	270.88	415.08	0.00	0.00	0.00	0.00
2,000.00	21.09	139.28	1,928.06	-341.97	294.36	451.06	0.00	0.00	0.00	0.00
2,100.00	21.09	139.28	2,021.36	-369.25	317.84	487.04	0.00	0.00	0.00	0.00
2,200.00	21.09	139.28	2,114.66	-396.52	341.32	523.02	0.00	0.00	0.00	0.00
2,300.00	21.09	139.28	2,207.96	-423.80	364.80	559.00	0.00	0.00	0.00	0.00
2,400.00	21.09	139.28	2,301.26	-451.08	388.28	594.98	0.00	0.00	0.00	0.00
2,500.00	21.09	139.28	2,394.56	-478.35	411.76	630.96	0.00	0.00	0.00	0.00
2,600.00	21.09	139.28	2,487.86	-505.63	435.24	666.94	0.00	0.00	0.00	0.00
2,700.00	21.09	139.28	2,581.15	-532.91	458.72	702.92	0.00	0.00	0.00	0.00
2,800.00	21.09	139.28	2,674.45	-560.19	482.20	738.90	0.00	0.00	0.00	0.00
2,900.00	21.09	139.28	2,767.75	-587.46	505.68	774.88	0.00	0.00	0.00	0.00
3,000.00	21.09	139.28	2,861.05	-614.74	529.16	810.86	0.00	0.00	0.00	0.00
3,100.00	21.09	139.28	2,954.35	-642.02	552.64	846.84	0.00	0.00	0.00	0.00
3,200.00	21.09	139.28	3,047.65	-669.30	576.12	882.82	0.00	0.00	0.00	0.00
3,300.00	21.09	139.28	3,140.95	-696.57	599.60	918.79	0.00	0.00	0.00	0.00
3,400.00	21.09	139.28	3,234.25	-723.85	623.08	954.77	0.00	0.00	0.00	0.00
3,500.00	21.09	139.28	3,327.54	-751.13	646.56	990.75	0.00	0.00	0.00	0.00
3,600.00	21.09	139.28	3,420.84	-778.41	670.04	1,026.73	0.00	0.00	0.00	0.00
<b>21.09 Inclination</b>										
3,700.00	21.09	139.28	3,514.14	-805.68	693.52	1,062.71	0.00	0.00	0.00	0.00
3,800.00	21.09	139.28	3,607.44	-832.96	717.01	1,098.69	0.00	0.00	0.00	0.00
3,900.00	21.09	139.28	3,700.74	-860.24	740.49	1,134.67	0.00	0.00	0.00	0.00
4,000.00	21.09	139.28	3,794.04	-887.52	763.97	1,170.65	0.00	0.00	0.00	0.00
4,100.00	21.09	139.28	3,887.34	-914.79	787.45	1,206.63	0.00	0.00	0.00	0.00
4,200.00	21.09	139.28	3,980.63	-942.07	810.93	1,242.61	0.00	0.00	0.00	0.00
4,300.00	21.09	139.28	4,073.93	-969.35	834.41	1,278.59	0.00	0.00	0.00	0.00
4,400.00	21.09	139.28	4,167.23	-996.63	857.89	1,314.57	0.00	0.00	0.00	0.00
4,500.00	21.09	139.28	4,260.53	-1,023.90	881.37	1,350.55	0.00	0.00	0.00	0.00
4,600.00	21.09	139.28	4,353.83	-1,051.18	904.85	1,386.53	0.00	0.00	0.00	0.00
4,700.00	21.09	139.28	4,447.13	-1,078.46	928.33	1,422.51	0.00	0.00	0.00	0.00
4,800.00	21.09	139.28	4,540.43	-1,105.73	951.81	1,458.49	0.00	0.00	0.00	0.00
4,900.00	21.09	139.28	4,633.72	-1,133.01	975.29	1,494.47	0.00	0.00	0.00	0.00

## Plan Report for Rulison Federal 35-24C - Plan #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
5,000.00	21.09	139.28	4,727.02	-1,160.29	998.77	1,530.44	0.00	0.00	0.00	0.00
5,100.00	21.09	139.28	4,820.32	-1,187.57	1,022.25	1,566.42	0.00	0.00	0.00	0.00
5,200.00	21.09	139.28	4,913.62	-1,214.84	1,045.73	1,602.40	0.00	0.00	0.00	0.00
5,300.00	21.09	139.28	5,006.92	-1,242.12	1,069.21	1,638.38	0.00	0.00	0.00	0.00
5,400.00	21.09	139.28	5,100.22	-1,269.40	1,092.69	1,674.36	0.00	0.00	0.00	0.00
5,500.00	21.09	139.28	5,193.52	-1,296.68	1,116.17	1,710.34	0.00	0.00	0.00	0.00
5,600.00	21.09	139.28	5,286.81	-1,323.95	1,139.65	1,746.32	0.00	0.00	0.00	0.00
5,700.00	21.09	139.28	5,380.11	-1,351.23	1,163.13	1,782.30	0.00	0.00	0.00	0.00
5,800.00	21.09	139.28	5,473.41	-1,378.51	1,186.61	1,818.28	0.00	0.00	0.00	0.00
5,900.00	21.09	139.28	5,566.71	-1,405.79	1,210.09	1,854.26	0.00	0.00	0.00	0.00
5,937.00	21.09	139.28	5,601.23	-1,415.88	1,218.78	1,867.57	0.00	0.00	0.00	0.00
<b>Begin Drop at 5937.00ft</b>										
6,000.00	20.15	139.28	5,660.19	-1,432.70	1,233.25	1,889.75	1.50	-1.50	0.00	180.00
6,100.00	18.65	139.28	5,754.51	-1,457.87	1,254.92	1,922.96	1.50	-1.50	0.00	180.00
6,200.00	17.15	139.28	5,849.67	-1,481.16	1,274.97	1,953.68	1.50	-1.50	0.00	180.00
6,300.00	15.65	139.28	5,945.60	-1,502.56	1,293.39	1,981.91	1.50	-1.50	0.00	180.00
6,400.00	14.15	139.28	6,042.23	-1,522.05	1,310.16	2,007.61	1.50	-1.50	0.00	180.00
6,500.00	12.65	139.28	6,139.51	-1,539.61	1,325.28	2,030.78	1.50	-1.50	0.00	180.00
6,600.00	11.15	139.28	6,237.36	-1,555.24	1,338.73	2,051.39	1.50	-1.50	0.00	180.00
6,700.00	9.65	139.28	6,335.71	-1,568.92	1,350.51	2,069.43	1.50	-1.50	0.00	180.00
6,800.00	8.15	139.28	6,434.50	-1,580.64	1,360.60	2,084.90	1.50	-1.50	0.00	-180.00
<b>Drop Rate = 1.50°/100ft</b>										
6,900.00	6.65	139.28	6,533.67	-1,590.40	1,369.01	2,097.77	1.50	-1.50	0.00	180.00
7,000.00	5.15	139.28	6,633.14	-1,598.19	1,375.71	2,108.05	1.50	-1.50	0.00	180.00
7,100.00	3.65	139.28	6,732.84	-1,604.01	1,380.72	2,115.72	1.50	-1.50	0.00	180.00
7,200.00	2.15	139.28	6,832.71	-1,607.84	1,384.02	2,120.78	1.50	-1.50	0.00	180.00
7,300.00	0.65	139.28	6,932.67	-1,609.69	1,385.61	2,123.22	1.50	-1.50	0.00	180.00
7,343.25	0.00	139.25	6,975.92	-1,609.88	1,385.77	2,123.46	1.50	-1.50	-0.06	-180.00
<b>Rulison Federal 35-24C Plan #1 Zone Tgt</b>										
7,343.33	0.00	0.00	6,976.00	-1,609.88	1,385.77	2,123.46	1.50	-1.50	-179,608.53	-179.97
<b>End Drop at 7343.33ft - Williams Fork - Rulison Federal 35-24C Plan #1 Driller's Tgt</b>										
7,400.00	0.05	243.43	7,032.67	-1,609.89	1,385.75	2,123.46	0.09	0.09	-205.68	-116.57
7,500.00	0.14	243.43	7,132.67	-1,609.97	1,385.60	2,123.42	0.09	0.09	0.00	0.00
7,600.00	0.23	243.43	7,232.67	-1,610.11	1,385.31	2,123.35	0.09	0.09	0.00	0.00
7,700.00	0.32	243.43	7,332.67	-1,610.33	1,384.88	2,123.24	0.09	0.09	0.00	0.00
7,800.00	0.41	243.43	7,432.67	-1,610.61	1,384.31	2,123.10	0.09	0.09	0.00	0.00
7,900.00	0.50	243.43	7,532.67	-1,610.97	1,383.59	2,122.93	0.09	0.09	0.00	0.00
8,000.00	0.59	243.43	7,632.66	-1,611.39	1,382.74	2,122.72	0.09	0.09	0.00	0.00
8,100.00	0.68	243.43	7,732.66	-1,611.89	1,381.75	2,122.48	0.09	0.09	0.00	0.00
8,200.00	0.77	243.43	7,832.65	-1,612.46	1,380.61	2,122.20	0.09	0.09	0.00	0.00
8,300.00	0.86	243.43	7,932.64	-1,613.09	1,379.34	2,121.89	0.09	0.09	0.00	0.00
8,400.00	0.95	243.43	8,032.62	-1,613.80	1,377.93	2,121.54	0.09	0.09	0.00	0.00
8,432.38	0.98	243.43	8,065.00	-1,614.05	1,377.44	2,121.42	0.09	0.09	0.00	0.00
<b>Top of Gas</b>										
8,500.00	1.04	243.43	8,132.61	-1,614.58	1,376.37	2,121.16	0.09	0.09	0.00	0.00
8,600.00	1.13	243.43	8,232.59	-1,615.43	1,374.68	2,120.74	0.09	0.09	0.00	0.00
8,700.00	1.22	243.43	8,332.57	-1,616.35	1,372.84	2,120.29	0.09	0.09	0.00	0.00
8,800.00	1.31	243.43	8,432.55	-1,617.33	1,370.87	2,119.80	0.09	0.09	0.00	0.00
8,900.00	1.40	243.43	8,532.52	-1,618.39	1,368.75	2,119.29	0.09	0.09	0.00	0.00
9,000.00	1.49	243.43	8,632.49	-1,619.52	1,366.49	2,118.73	0.09	0.09	0.00	0.00
9,100.00	1.58	243.43	8,732.45	-1,620.72	1,364.09	2,118.14	0.09	0.09	0.00	0.00
9,200.00	1.67	243.43	8,832.41	-1,621.99	1,361.56	2,117.52	0.09	0.09	0.00	0.00
9,209.97	1.68	243.43	8,842.38	-1,622.12	1,361.30	2,117.46	0.09	0.09	0.00	0.00
9,300.00	1.60	243.43	8,932.37	-1,623.27	1,358.99	2,116.89	0.09	-0.09	0.00	180.00
9,400.00	1.52	243.43	9,032.33	-1,624.49	1,356.56	2,116.29	0.09	-0.09	0.00	180.00
9,500.00	1.43	243.43	9,132.30	-1,625.64	1,354.26	2,115.73	0.09	-0.09	0.00	180.00
9,600.00	1.34	243.43	9,232.27	-1,626.72	1,352.09	2,115.20	0.09	-0.09	0.00	180.00
9,700.00	1.26	243.43	9,332.24	-1,627.74	1,350.06	2,114.70	0.09	-0.09	0.00	180.00
9,748.77	1.22	243.43	9,381.00	-1,628.21	1,349.12	2,114.47	0.09	-0.09	0.00	-180.00

**Plan Report for Rulison Federal 35-24C - Plan #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
<b>Cameo</b>										
9,800.00	1.17	243.43	9,432.22	-1,628.68	1,348.17	2,114.23	0.09	-0.09	0.00	180.00
9,900.00	1.08	243.43	9,532.20	-1,629.56	1,346.41	2,113.80	0.09	-0.09	0.00	180.00
10,000.00	1.00	243.43	9,632.19	-1,630.38	1,344.78	2,113.40	0.09	-0.09	0.00	180.00
10,100.00	0.91	243.43	9,732.17	-1,631.12	1,343.29	2,113.04	0.09	-0.09	0.00	180.00
10,200.00	0.83	243.43	9,832.16	-1,631.80	1,341.93	2,112.70	0.09	-0.09	0.00	180.00
10,229.84	0.80	243.43	9,862.00	-1,631.99	1,341.56	2,112.61	0.09	-0.09	0.00	180.00
<b>Rollins</b>										
10,300.00	0.74	243.43	9,932.15	-1,632.41	1,340.71	2,112.40	0.09	-0.09	0.00	-180.00
10,400.00	0.65	243.43	10,032.14	-1,632.95	1,339.63	2,112.14	0.09	-0.09	0.00	180.00
10,500.00	0.57	243.43	10,132.14	-1,633.43	1,338.67	2,111.90	0.09	-0.09	0.00	180.00
10,535.86	0.54	243.43	10,168.00	-1,633.58	1,338.37	2,111.83	0.09	-0.09	0.00	180.00
<b>Cozzette</b>										
10,600.00	0.48	243.43	10,232.13	-1,633.84	1,337.86	2,111.70	0.09	-0.09	0.00	-180.00
10,700.00	0.39	243.43	10,332.13	-1,634.18	1,337.17	2,111.53	0.09	-0.09	0.00	180.00
10,774.87	0.33	243.43	10,407.00	-1,634.39	1,336.75	2,111.43	0.09	-0.09	0.00	180.00
<b>Corcora</b>										
10,800.00	0.31	243.43	10,432.13	-1,634.45	1,336.63	2,111.40	0.09	-0.09	0.00	-180.00
10,900.00	0.22	243.43	10,532.13	-1,634.66	1,336.21	2,111.30	0.09	-0.09	0.00	180.00
10,906.87	0.22	243.43	10,539.00	-1,634.67	1,336.19	2,111.29	0.09	-0.09	0.00	-180.00
<b>Mancos</b>										
11,000.00	0.14	243.43	10,632.13	-1,634.80	1,335.93	2,111.23	0.09	-0.09	0.00	180.00
11,156.87	0.00	0.00	10,789.00	-1,634.88	1,335.77	2,111.19	0.09	-0.09	204.97	180.00
<b>Total Depth = 11156.87ft - Rulison Federal 35-24C Plan #1 BH Tgt</b>										

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
225.00	225.00	0.00	0.00	Kickoff at 225.00ft
775.00	771.63	-39.89	34.34	Build Rate = 2.00°/100ft
1,279.74	1,256.07	-145.50	125.24	End Build at 1279.74ft
3,600.00	3,420.84	-778.41	670.04	21.09 Inclination
5,937.00	5,601.23	-1,415.88	1,218.78	Begin Drop at 5937.00ft
6,800.00	6,434.50	-1,580.64	1,360.60	Drop Rate = 1.50°/100ft
7,343.33	6,976.00	-1,609.88	1,385.77	End Drop at 7343.33ft
11,156.87	10,789.00	-1,634.88	1,335.77	Total Depth = 11156.87ft

**Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	+E/-W (ft)	Start TVD (ft)
Target	Rulison Federal 35-24C Plan #1 BH Tgt	140.75	Slot	0.00	0.00	0.00

**Survey tool program**

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	11,156.87	Plan #1	MWD

## Plan Report for Rulison Federal 35-24C - Plan #1

### Casing Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,500.00	1,461.57	8 5/8" Casing Pt.	8-5/8	11

### Formation Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,343.33	6,976.00	Williams Fork		0.00	
8,432.38	8,065.00	Top of Gas		0.00	
9,748.77	9,381.00	Cameo		0.00	
10,229.84	9,862.00	Rollins		0.00	
10,535.86	10,168.00	Cozzette		0.00	
10,774.87	10,407.00	Corcora		0.00	
10,906.87	10,539.00	Mancos		0.00	

### *Targets associated with this wellbore*

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
Rulison Federal 35-24C Plan #1 Driller's Tgt	6,976.00	-1,609.88	1,385.77	Rectangle
Rulison Federal 35-24C Plan #1 Zone Tgt	6,976.00	-1,634.88	1,335.77	Rectangle
Rulison Federal 35-24C Plan #1 BH Tgt	10,789.00	-1,634.88	1,335.77	Point

## North Reference Sheet for Sec. 35-T7S-R95W (SGV 35L PAD) - Rulison Federal 35-24C - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to RKB - 24' @ 9227.00ft. Northing and Easting are relative to Rulison Federal 35-24C - Slot A 6

Coordinate System is US State Plane 1927 (Exact solution), Colorado Central 502 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is -105.50°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 39° 45' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99994881

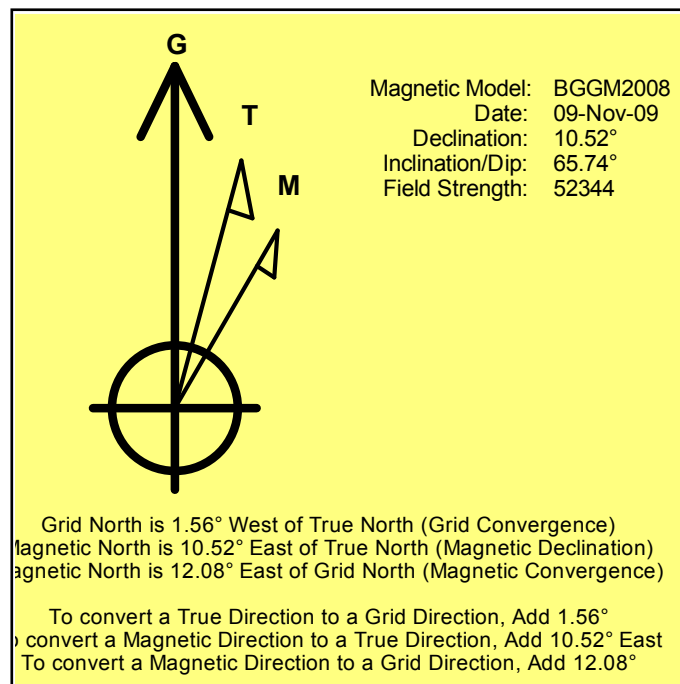
Grid Coordinates of Well: 577,326.00 ft N, 1,301,600.80 ft E

Geographical Coordinates of Well: 39° 23' 32.89" N, 107° 58' 17.18" W

Grid Convergence at Surface is: -1.56°

Based upon Minimum Curvature type calculations, at a Measured Depth of 11,156.87ft  
the Bottom Hole Displacement is 2,111.19ft in the Direction of 140.75° (Grid).

Magnetic Convergence at surface is: -12.08° ( 9 November 2009, , BGGM2008)



Project: Garfield County, CO  
Site: Sec. 35-T7S-R95W (SGV 35L PAD)  
Well: Rulison Federal 35-24C  
Wellbore: Wellbore #1  
Plan: Plan #1

# Noble Energy (Rockies)

HALLIBURTON

## SECTION DETAILS

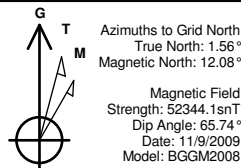
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
225.00	0.00	0.00	225.00	0.00	0.00	0.00	0.00	0.00	
1279.74	21.09	139.28	1256.07	-145.50	125.25	2.00	139.28	191.92	
5937.00	21.09	139.28	5601.23	-1415.88	1218.78	0.00	0.00	1867.57	Rulison Federal 35-24C Plan #1 Driller's Tgt
7343.33	0.00	0.00	6976.00	-1609.88	1385.77	1.50	180.00	2123.46	
9209.97	1.68	243.43	8842.38	-1622.12	1361.30	0.09	243.43	2117.46	Rulison Federal 35-24C Plan #1 BH Tgt
11156.87	0.00	360.00	10789.00	-1634.88	1335.77	0.09	180.00	2111.19	

## WELL DETAILS: Rulison Federal 35-24C

Ground Level: 9203.00  
Northing: 577326.00 Easting: 1301600.80 Latitude: 39° 23' 32.887 N Longitude: 107° 58' 17.182 W A 6

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Rulison Federal 35-24C Plan #1 Driller's Tgt	6976.00	-1609.88	1385.77	Rectangle (Sides: L25.00 W25.00)
Rulison Federal 35-24C Plan #1 Zone Tgt	6976.00	-1634.88	1335.77	Rectangle (Sides: L100.00 W200.00)
Rulison Federal 35-24C Plan #1 BH Tgt	10789.00	-1634.88	1335.77	Point



## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
6976.00	7343.33	Williams Fork
8065.00	8432.38	Top of Gas
9381.00	9748.77	Cameo
9862.00	10229.84	Rollins
10168.00	10535.86	Cozzette
10407.00	10774.87	Corcora
10539.00	10906.87	Mancos

