



Company: NueVida Resources, LLC
Project: La Plata County, CO (NAD83)
Site: 33N 08W Sec 18
Well: Ardourel 33081718 #4HU
Wellbore: ST1
Design: Plan #1

PROJECT DETAILS: La Plata County, CO (NAD83)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Southern Zone
System Datum: Mean Sea Level
Local North: Grid



WELL DETAILS: Ardourel 33081718 #4HU

GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1166267.56	2338711.87	37.1012469	-107.7676060	4

Plan: Plan #1 (Ardourel 33081718 #4HU/ST1)

Created By: Janie Collins Date: 16:33, September 22 2023

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Ardourel 4HU LP Rev 1	6918.00	981.33	340.94	1167248.90	2339052.81	37.1039640	-107.7665190
Ardourel 4HU PBHL Rev 1	6903.00	886.89	9838.73	1167154.45	2348550.59	37.1043330	-107.7339540



Azimuths to Grid North
True North: 1.39°
Magnetic North: 10.01°

Magnetic Field
Strength: 49439.1nT
Dip Angle: 63.38°
Date: 9/22/2023
Model: HDGM2023

SECTION DETAILS

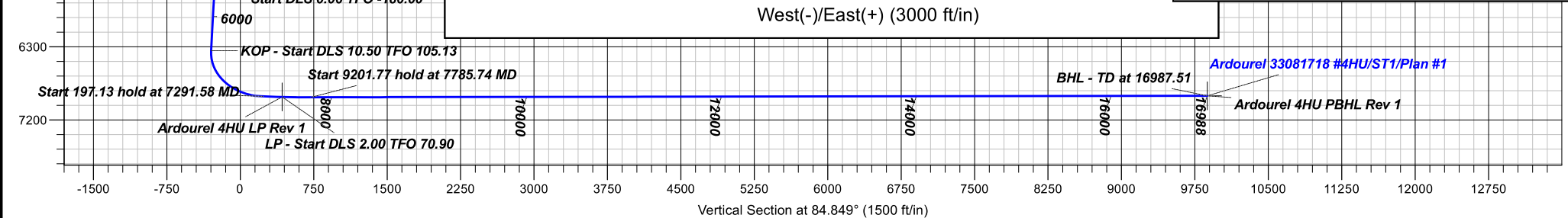
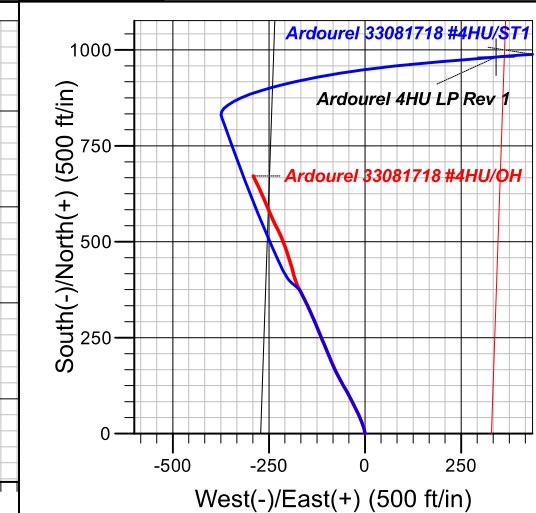
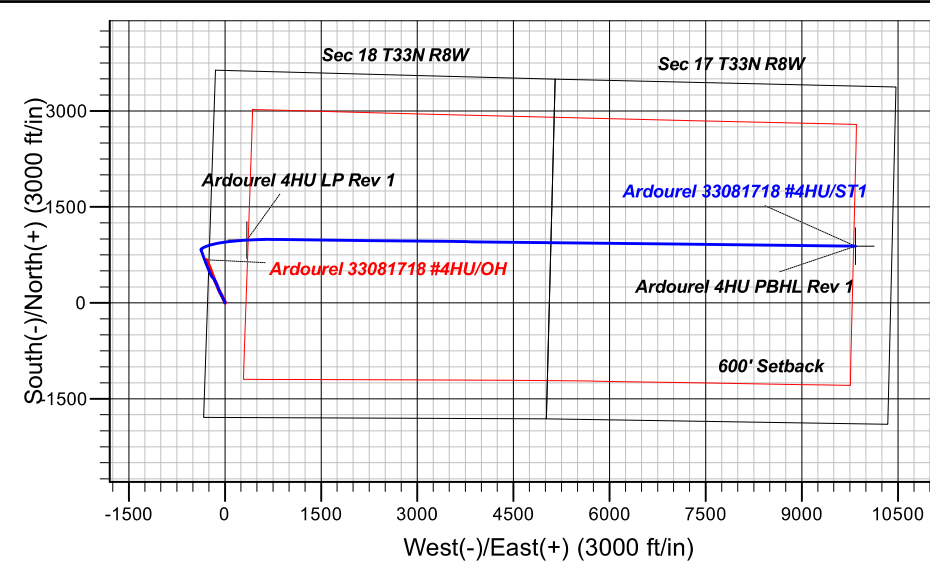
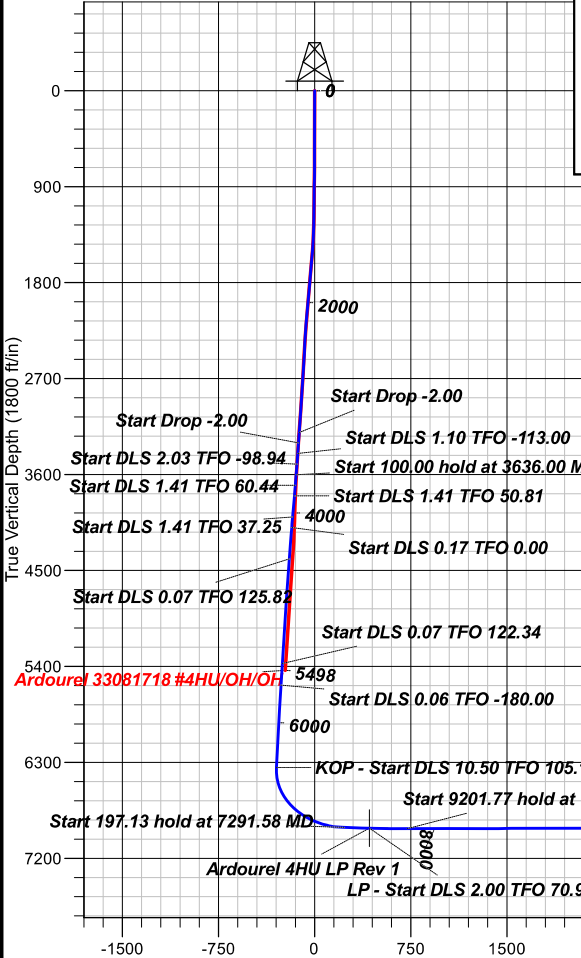
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
3236.00	10.85	334.950	3205.93	335.18	-150.48	0.00	0.00	-119.78	Start Drop -2.00
3336.00	8.85	334.950	3304.45	350.68	-157.72	2.00	180.00	-125.60	Start Drop -2.00
3436.00	6.85	334.950	3403.51	363.05	-163.50	2.00	180.00	-130.25	Start DLS 1.10 TFO -113.00
3536.00	6.50	326.000	3502.83	373.14	-169.19	1.10	-113.00	-135.01	Start DLS 2.03 TFO -98.94
3636.00	6.50	308.000	3602.20	381.32	-178.82	2.03	-98.94	-141.87	Start 100.00 hold at 3636.00 MD
3736.00	6.50	308.000	3701.56	388.29	-185.74	0.00	0.00	-150.13	Start DLS 1.41 TFO 60.44
3836.00	7.30	317.710	3800.84	396.48	-194.48	1.41	60.44	-158.10	Start DLS 1.41 TFO 50.81
4036.00	9.34	331.300	3998.74	420.12	-210.82	1.41	50.81	-172.25	Start DLS 1.41 TFO 37.25
4136.00	10.50	336.000	4097.24	435.56	-218.43	1.41	37.25	-178.44	Start DLS 0.17 TFO 0.00
4436.00	11.00	336.000	4391.98	486.68	-241.19	0.07	0.00	-196.52	Start DLS 0.07 TFO 125.82
5436.00	10.58	339.300	5374.31	659.71	-312.44	0.07	125.82	-251.95	Start DLS 0.07 TFO 122.34
5640.00	10.50	340.000	5574.86	694.70	-325.42	0.07	122.34	-261.74	Start DLS 0.06 TFO -180.00
6427.00	10.00	340.000	6349.30	826.30	-373.32	0.06	-180.00	-297.63	KOP - Start DLS 10.50 TFO 105.13
7291.58	88.17	85.045	6911.71	964.32	144.65	10.50	105.13	230.64	Start 197.13 hold at 7291.58 MD
7488.71	88.17	85.045	6918.00	981.33	340.94	0.00	0.00	427.66	LP - Start DLS 2.00 TFO 70.90
7785.74	90.12	90.657	6922.43	992.46	637.59	2.00	70.90	724.12	Start 9201.77 hold at 7785.74 MD
16987.51	90.12	90.657	6903.00	886.89	9838.73	0.00	0.00	9878.63	BHL - TD at 16987.51

CASING DETAILS

No casing data is available

FORMATION DETAILS

No formation data is available





NueVida Resources, LLC

**La Plata County, CO (NAD83)
33N 08W Sec 18
Ardourel 33081718 #4HU - Slot 4**

ST1

Plan: Plan #1

Standard Planning Report

22 September, 2023



Database:	Grand Junction	Local Co-ordinate Reference:	Well Ardourel 33081718 #4HU - Slot 4
Company:	NueVida Resources, LLC	TVD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Project:	La Plata County, CO (NAD83)	MD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Site:	33N 08W Sec 18	North Reference:	Grid
Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Project	La Plata County, CO (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Southern Zone		

Site		33N 08W Sec 18			
Site Position:		Northing:	1,166,247.85 usft	Latitude:	37.1011930
From:	Lat/Long	Easting:	2,338,714.32 usft	Longitude:	-107.7675960
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	-1.39 °

Well	Ardourel 33081718 #4HU - Slot 4					
Well Position	+N/-S	19.71 ft	Northing:	1,166,267.56 usft	Latitude:	37.1012469
	+E/-W	-2.44 ft	Easting:	2,338,711.88 usft	Longitude:	-107.7676060
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	6,719.00 ft

Wellbore	ST1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2023	9/22/2023	8.62	63.38	49,439.10000000

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	3,236.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	84.849

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Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
3,236.00	10.85	334.950	3,205.93	335.18	-150.48	0.00	0.00	0.00	0.00	
3,336.00	8.85	334.950	3,304.45	350.68	-157.72	2.00	-2.00	0.00	180.00	
3,436.00	6.85	334.950	3,403.51	363.05	-163.50	2.00	-2.00	0.00	180.00	
3,536.00	6.50	326.000	3,502.83	373.14	-169.19	1.10	-0.35	-8.95	-113.00	
3,636.00	6.50	308.000	3,602.20	381.32	-176.82	2.03	0.00	-18.00	-98.94	
3,736.00	6.50	308.000	3,701.56	388.29	-185.74	0.00	0.00	0.00	0.00	
3,836.00	7.30	317.710	3,800.84	396.48	-194.48	1.41	0.80	9.71	60.44	
4,036.00	9.34	331.300	3,998.74	420.12	-210.82	1.41	1.02	6.80	50.81	
4,136.00	10.50	336.000	4,097.24	435.56	-218.43	1.41	1.16	4.70	37.25	
4,436.00	11.00	336.000	4,391.98	486.68	-241.19	0.17	0.17	0.00	0.00	
5,436.00	10.58	339.300	5,374.31	659.71	-312.44	0.07	-0.04	0.33	125.82	
5,640.00	10.50	340.000	5,574.86	694.70	-325.42	0.07	-0.04	0.34	122.34	
6,427.00	10.00	340.000	6,349.30	826.30	-373.32	0.06	-0.06	0.00	-180.00	
7,291.58	88.17	85.045	6,911.71	964.32	144.65	10.50	9.04	12.15	105.13	
7,488.71	88.17	85.045	6,918.00	981.33	340.94	0.00	0.00	0.00	0.00	Ardourel 4HU LP Rev
7,785.74	90.12	90.657	6,922.43	992.46	637.59	2.00	0.66	1.89	70.90	
16,987.51	90.12	90.657	6,903.00	886.89	9,838.73	0.00	0.00	0.00	0.00	Ardourel 4HU PBHL F

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Project:	La Plata County, CO (NAD83)	MD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Site:	33N 08W Sec 18	North Reference:	Grid
Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,236.00	10.85	334.950	3,205.93	335.18	-150.48	-119.78	0.00	0.00	0.00
Start Drop -2.00									
3,300.00	9.57	334.950	3,268.91	345.46	-155.28	-123.64	2.00	-2.00	0.00
3,336.00	8.85	334.950	3,304.45	350.68	-157.72	-125.60	2.00	-2.00	0.00
Start Drop -2.00									
3,400.00	7.57	334.950	3,367.79	358.95	-161.59	-128.71	2.00	-2.00	0.00
3,436.00	6.85	334.950	3,403.51	363.05	-163.50	-130.25	2.00	-2.00	0.00
Start DLS 1.10 TFO -113.00									
3,500.00	6.61	329.328	3,467.07	369.67	-167.00	-133.13	1.10	-0.38	-8.78
3,536.00	6.50	326.000	3,502.83	373.14	-169.19	-135.01	1.10	-0.30	-9.25
Start DLS 2.03 TFO -98.94									
3,600.00	6.43	314.461	3,566.43	378.66	-173.78	-139.08	2.03	-0.11	-18.03
3,636.00	6.50	308.000	3,602.20	381.32	-176.82	-141.87	2.03	0.20	-17.95
Start 100.00 hold at 3636.00 MD									
3,700.00	6.50	308.000	3,665.79	385.78	-182.53	-147.16	0.00	0.00	0.00
3,736.00	6.50	308.000	3,701.56	388.29	-185.74	-150.13	0.00	0.00	0.00
Start DLS 1.41 TFO 60.44									
3,800.00	6.99	314.472	3,765.12	393.25	-191.37	-155.30	1.41	0.77	10.11
3,836.00	7.30	317.710	3,800.84	396.48	-194.48	-158.10	1.41	0.86	8.99
Start DLS 1.41 TFO 50.81									
3,900.00	7.90	322.805	3,864.27	402.99	-199.87	-162.88	1.41	0.94	7.96
4,000.00	8.94	329.318	3,963.20	415.15	-207.99	-169.88	1.41	1.04	6.51
4,036.00	9.34	331.300	3,998.74	420.12	-210.82	-172.25	1.41	1.11	5.51
Start DLS 1.41 TFO 37.25									
4,100.00	10.08	334.432	4,061.82	429.72	-215.73	-176.28	1.41	1.15	4.89
4,136.00	10.50	336.000	4,097.24	435.56	-218.43	-178.44	1.41	1.18	4.36
Start DLS 0.17 TFO 0.00									
4,200.00	10.61	336.000	4,160.16	446.27	-223.19	-182.23	0.17	0.17	0.00
4,300.00	10.77	336.000	4,258.43	463.21	-230.74	-188.22	0.17	0.17	0.00
4,400.00	10.94	336.000	4,356.64	480.42	-238.40	-194.31	0.17	0.17	0.00
4,436.00	11.00	336.000	4,391.98	486.68	-241.19	-196.52	0.17	0.17	0.00
Start DLS 0.07 TFO 125.82									
4,500.00	10.97	336.204	4,454.81	497.83	-246.13	-200.44	0.07	-0.04	0.32
4,600.00	10.93	336.524	4,552.98	515.23	-253.74	-206.46	0.07	-0.04	0.32
4,700.00	10.89	336.847	4,651.18	532.61	-261.23	-212.36	0.07	-0.04	0.32
4,800.00	10.84	337.172	4,749.39	549.96	-268.59	-218.14	0.07	-0.04	0.33
4,900.00	10.80	337.500	4,847.61	567.28	-275.83	-223.79	0.07	-0.04	0.33
5,000.00	10.76	337.830	4,945.84	584.58	-282.94	-229.31	0.07	-0.04	0.33
5,100.00	10.72	338.163	5,044.09	601.86	-289.92	-234.71	0.07	-0.04	0.33
5,200.00	10.68	338.498	5,142.35	619.11	-296.77	-239.99	0.07	-0.04	0.34
5,300.00	10.64	338.836	5,240.63	636.33	-303.50	-245.14	0.07	-0.04	0.34
5,400.00	10.59	339.177	5,338.92	653.53	-310.10	-250.17	0.07	-0.04	0.34
5,436.00	10.58	339.300	5,374.31	659.71	-312.44	-251.95	0.07	-0.04	0.34
Start DLS 0.07 TFO 122.34									
5,500.00	10.55	339.518	5,437.22	670.70	-316.57	-255.08	0.07	-0.04	0.34
5,600.00	10.52	339.862	5,535.53	687.85	-322.92	-259.86	0.07	-0.04	0.34
5,640.00	10.50	340.000	5,574.86	694.70	-325.42	-261.74	0.07	-0.04	0.35
Start DLS 0.06 TFO -180.00									
5,700.00	10.46	340.000	5,633.86	704.96	-329.15	-264.53	0.06	-0.06	0.00
5,800.00	10.40	340.000	5,732.21	721.97	-335.34	-269.17	0.06	-0.06	0.00
5,900.00	10.33	340.000	5,830.58	738.88	-341.50	-273.78	0.06	-0.06	0.00

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Wellbore:	ST1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,000.00	10.27	340.000	5,928.97	755.68	-347.62	-278.37	0.06	-0.06	0.00
6,100.00	10.21	340.000	6,027.37	772.39	-353.70	-282.92	0.06	-0.06	0.00
6,200.00	10.14	340.000	6,125.80	788.99	-359.74	-287.45	0.06	-0.06	0.00
6,300.00	10.08	340.000	6,224.25	805.49	-365.74	-291.95	0.06	-0.06	0.00
6,400.00	10.02	340.000	6,322.71	821.89	-371.71	-296.42	0.06	-0.06	0.00
6,427.00	10.00	340.000	6,349.30	826.30	-373.32	-297.63	0.06	-0.06	0.00
KOP - Start DLS 10.50 TFO 105.13									
6,500.00	10.87	23.056	6,421.20	838.60	-372.79	-295.99	10.50	1.19	58.98
6,600.00	18.22	54.256	6,518.07	856.46	-356.36	-278.03	10.50	7.35	31.20
6,700.00	27.64	66.412	6,610.11	874.93	-322.32	-242.46	10.50	9.42	12.16
6,800.00	37.61	72.605	6,694.25	893.39	-271.80	-190.49	10.50	9.97	6.19
6,900.00	47.78	76.480	6,767.66	911.22	-206.49	-123.85	10.50	10.17	3.88
7,000.00	58.04	79.267	6,827.89	927.82	-128.59	-44.77	10.50	10.26	2.79
7,100.00	68.36	81.487	6,872.92	942.64	-40.70	44.09	10.50	10.31	2.22
7,200.00	78.69	83.408	6,901.25	955.19	54.23	139.77	10.50	10.34	1.92
7,291.58	88.17	85.045	6,911.71	964.32	144.65	230.64	10.50	10.35	1.79
Start 197.13 hold at 7291.58 MD									
7,300.00	88.17	85.045	6,911.98	965.04	153.03	239.05	0.00	0.00	0.00
7,400.00	88.17	85.045	6,915.17	973.68	252.60	339.00	0.00	0.00	0.00
7,488.71	88.17	85.045	6,918.00	981.33	340.94	427.66	0.00	0.00	0.00
LP - Start DLS 2.00 TFO 70.90									
7,500.00	88.25	85.258	6,918.35	982.29	352.18	438.95	2.00	0.65	1.89
7,600.00	88.90	87.148	6,920.84	988.91	451.93	538.88	2.00	0.66	1.89
7,700.00	89.56	89.038	6,922.19	992.23	551.86	638.71	2.00	0.66	1.89
7,785.74	90.12	90.657	6,922.43	992.46	637.59	724.12	2.00	0.66	1.89
Start 9201.77 hold at 7785.74 MD									
7,800.00	90.12	90.657	6,922.40	992.30	651.85	738.31	0.00	0.00	0.00
7,900.00	90.12	90.657	6,922.19	991.15	751.84	837.79	0.00	0.00	0.00
8,000.00	90.12	90.657	6,921.98	990.00	851.84	937.28	0.00	0.00	0.00
8,100.00	90.12	90.657	6,921.77	988.86	951.83	1,036.77	0.00	0.00	0.00
8,200.00	90.12	90.657	6,921.55	987.71	1,051.82	1,136.25	0.00	0.00	0.00
8,300.00	90.12	90.657	6,921.34	986.56	1,151.82	1,235.74	0.00	0.00	0.00
8,400.00	90.12	90.657	6,921.13	985.41	1,251.81	1,335.22	0.00	0.00	0.00
8,500.00	90.12	90.657	6,920.92	984.27	1,351.80	1,434.71	0.00	0.00	0.00
8,600.00	90.12	90.657	6,920.71	983.12	1,451.80	1,534.20	0.00	0.00	0.00
8,700.00	90.12	90.657	6,920.50	981.97	1,551.79	1,633.68	0.00	0.00	0.00
8,800.00	90.12	90.657	6,920.29	980.82	1,651.78	1,733.17	0.00	0.00	0.00
8,900.00	90.12	90.657	6,920.08	979.68	1,751.78	1,832.66	0.00	0.00	0.00
9,000.00	90.12	90.657	6,919.87	978.53	1,851.77	1,932.14	0.00	0.00	0.00
9,100.00	90.12	90.657	6,919.65	977.38	1,951.76	2,031.63	0.00	0.00	0.00
9,200.00	90.12	90.657	6,919.44	976.24	2,051.76	2,131.12	0.00	0.00	0.00
9,300.00	90.12	90.657	6,919.23	975.09	2,151.75	2,230.60	0.00	0.00	0.00
9,400.00	90.12	90.657	6,919.02	973.94	2,251.74	2,330.09	0.00	0.00	0.00
9,500.00	90.12	90.657	6,918.81	972.79	2,351.74	2,429.57	0.00	0.00	0.00
9,600.00	90.12	90.657	6,918.60	971.65	2,451.73	2,529.06	0.00	0.00	0.00
9,700.00	90.12	90.657	6,918.39	970.50	2,551.72	2,628.55	0.00	0.00	0.00
9,800.00	90.12	90.657	6,918.18	969.35	2,651.72	2,728.03	0.00	0.00	0.00
9,900.00	90.12	90.657	6,917.96	968.20	2,751.71	2,827.52	0.00	0.00	0.00
10,000.00	90.12	90.657	6,917.75	967.06	2,851.70	2,927.01	0.00	0.00	0.00
10,100.00	90.12	90.657	6,917.54	965.91	2,951.70	3,026.49	0.00	0.00	0.00
10,200.00	90.12	90.657	6,917.33	964.76	3,051.69	3,125.98	0.00	0.00	0.00

Database:	Grand Junction	Local Co-ordinate Reference:	Well Ardourel 33081718 #4HU - Slot 4
Company:	NueVida Resources, LLC	TVD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Project:	La Plata County, CO (NAD83)	MD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Site:	33N 08W Sec 18	North Reference:	Grid
Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,300.00	90.12	90.657	6,917.12	963.61	3,151.68	3,225.47	0.00	0.00	0.00
10,400.00	90.12	90.657	6,916.91	962.47	3,251.67	3,324.95	0.00	0.00	0.00
10,500.00	90.12	90.657	6,916.70	961.32	3,351.67	3,424.44	0.00	0.00	0.00
10,600.00	90.12	90.657	6,916.49	960.17	3,451.66	3,523.93	0.00	0.00	0.00
10,700.00	90.12	90.657	6,916.28	959.03	3,551.65	3,623.41	0.00	0.00	0.00
10,800.00	90.12	90.657	6,916.06	957.88	3,651.65	3,722.90	0.00	0.00	0.00
10,900.00	90.12	90.657	6,915.85	956.73	3,751.64	3,822.38	0.00	0.00	0.00
11,000.00	90.12	90.657	6,915.64	955.58	3,851.63	3,921.87	0.00	0.00	0.00
11,100.00	90.12	90.657	6,915.43	954.44	3,951.63	4,021.36	0.00	0.00	0.00
11,200.00	90.12	90.657	6,915.22	953.29	4,051.62	4,120.84	0.00	0.00	0.00
11,300.00	90.12	90.657	6,915.01	952.14	4,151.61	4,220.33	0.00	0.00	0.00
11,400.00	90.12	90.657	6,914.80	950.99	4,251.61	4,319.82	0.00	0.00	0.00
11,500.00	90.12	90.657	6,914.59	949.85	4,351.60	4,419.30	0.00	0.00	0.00
11,600.00	90.12	90.657	6,914.38	948.70	4,451.59	4,518.79	0.00	0.00	0.00
11,700.00	90.12	90.657	6,914.16	947.55	4,551.59	4,618.28	0.00	0.00	0.00
11,800.00	90.12	90.657	6,913.95	946.40	4,651.58	4,717.76	0.00	0.00	0.00
11,900.00	90.12	90.657	6,913.74	945.26	4,751.57	4,817.25	0.00	0.00	0.00
12,000.00	90.12	90.657	6,913.53	944.11	4,851.57	4,916.73	0.00	0.00	0.00
12,100.00	90.12	90.657	6,913.32	942.96	4,951.56	5,016.22	0.00	0.00	0.00
12,200.00	90.12	90.657	6,913.11	941.82	5,051.55	5,115.71	0.00	0.00	0.00
12,300.00	90.12	90.657	6,912.90	940.67	5,151.55	5,215.19	0.00	0.00	0.00
12,400.00	90.12	90.657	6,912.69	939.52	5,251.54	5,314.68	0.00	0.00	0.00
12,500.00	90.12	90.657	6,912.48	938.37	5,351.53	5,414.17	0.00	0.00	0.00
12,600.00	90.12	90.657	6,912.26	937.23	5,451.53	5,513.65	0.00	0.00	0.00
12,700.00	90.12	90.657	6,912.05	936.08	5,551.52	5,613.14	0.00	0.00	0.00
12,800.00	90.12	90.657	6,911.84	934.93	5,651.51	5,712.63	0.00	0.00	0.00
12,900.00	90.12	90.657	6,911.63	933.78	5,751.50	5,812.11	0.00	0.00	0.00
13,000.00	90.12	90.657	6,911.42	932.64	5,851.50	5,911.60	0.00	0.00	0.00
13,100.00	90.12	90.657	6,911.21	931.49	5,951.49	6,011.09	0.00	0.00	0.00
13,200.00	90.12	90.657	6,911.00	930.34	6,051.48	6,110.57	0.00	0.00	0.00
13,300.00	90.12	90.657	6,910.79	929.19	6,151.48	6,210.06	0.00	0.00	0.00
13,400.00	90.12	90.657	6,910.57	928.05	6,251.47	6,309.54	0.00	0.00	0.00
13,500.00	90.12	90.657	6,910.36	926.90	6,351.46	6,409.03	0.00	0.00	0.00
13,600.00	90.12	90.657	6,910.15	925.75	6,451.46	6,508.52	0.00	0.00	0.00
13,700.00	90.12	90.657	6,909.94	924.61	6,551.45	6,608.00	0.00	0.00	0.00
13,800.00	90.12	90.657	6,909.73	923.46	6,651.44	6,707.49	0.00	0.00	0.00
13,900.00	90.12	90.657	6,909.52	922.31	6,751.44	6,806.98	0.00	0.00	0.00
14,000.00	90.12	90.657	6,909.31	921.16	6,851.43	6,906.46	0.00	0.00	0.00
14,100.00	90.12	90.657	6,909.10	920.02	6,951.42	7,005.95	0.00	0.00	0.00
14,200.00	90.12	90.657	6,908.89	918.87	7,051.42	7,105.44	0.00	0.00	0.00
14,300.00	90.12	90.657	6,908.67	917.72	7,151.41	7,204.92	0.00	0.00	0.00
14,400.00	90.12	90.657	6,908.46	916.57	7,251.40	7,304.41	0.00	0.00	0.00
14,500.00	90.12	90.657	6,908.25	915.43	7,351.40	7,403.89	0.00	0.00	0.00
14,600.00	90.12	90.657	6,908.04	914.28	7,451.39	7,503.38	0.00	0.00	0.00
14,700.00	90.12	90.657	6,907.83	913.13	7,551.38	7,602.87	0.00	0.00	0.00
14,800.00	90.12	90.657	6,907.62	911.98	7,651.38	7,702.35	0.00	0.00	0.00
14,900.00	90.12	90.657	6,907.41	910.84	7,751.37	7,801.84	0.00	0.00	0.00
15,000.00	90.12	90.657	6,907.20	909.69	7,851.36	7,901.33	0.00	0.00	0.00
15,100.00	90.12	90.657	6,906.99	908.54	7,951.36	8,000.81	0.00	0.00	0.00
15,200.00	90.12	90.657	6,906.77	907.40	8,051.35	8,100.30	0.00	0.00	0.00
15,300.00	90.12	90.657	6,906.56	906.25	8,151.34	8,199.79	0.00	0.00	0.00
15,400.00	90.12	90.657	6,906.35	905.10	8,251.33	8,299.27	0.00	0.00	0.00

Database:	Grand Junction	Local Co-ordinate Reference:	Well Ardourel 33081718 #4HU - Slot 4
Company:	NueVida Resources, LLC	TVD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Project:	La Plata County, CO (NAD83)	MD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Site:	33N 08W Sec 18	North Reference:	Grid
Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,500.00	90.12	90.657	6,906.14	903.95	8,351.33	8,398.76	0.00	0.00	0.00
15,600.00	90.12	90.657	6,905.93	902.81	8,451.32	8,498.25	0.00	0.00	0.00
15,700.00	90.12	90.657	6,905.72	901.66	8,551.31	8,597.73	0.00	0.00	0.00
15,800.00	90.12	90.657	6,905.51	900.51	8,651.31	8,697.22	0.00	0.00	0.00
15,900.00	90.12	90.657	6,905.30	899.36	8,751.30	8,796.70	0.00	0.00	0.00
16,000.00	90.12	90.657	6,905.09	898.22	8,851.29	8,896.19	0.00	0.00	0.00
16,100.00	90.12	90.657	6,904.87	897.07	8,951.29	8,995.68	0.00	0.00	0.00
16,200.00	90.12	90.657	6,904.66	895.92	9,051.28	9,095.16	0.00	0.00	0.00
16,300.00	90.12	90.657	6,904.45	894.77	9,151.27	9,194.65	0.00	0.00	0.00
16,400.00	90.12	90.657	6,904.24	893.63	9,251.27	9,294.14	0.00	0.00	0.00
16,500.00	90.12	90.657	6,904.03	892.48	9,351.26	9,393.62	0.00	0.00	0.00
16,600.00	90.12	90.657	6,903.82	891.33	9,451.25	9,493.11	0.00	0.00	0.00
16,700.00	90.12	90.657	6,903.61	890.19	9,551.25	9,592.60	0.00	0.00	0.00
16,800.00	90.12	90.657	6,903.40	889.04	9,651.24	9,692.08	0.00	0.00	0.00
16,900.00	90.12	90.657	6,903.18	887.89	9,751.23	9,791.57	0.00	0.00	0.00
16,987.51	90.12	90.657	6,903.00	886.89	9,838.73	9,878.63	0.00	0.00	0.00
BHL - TD at 16987.51									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Ardourel 4HU PBHL Rev - plan hits target center - Point	0.00	0.000	6,903.00	886.89	9,838.73	1,167,154.44	2,348,550.59	37.1043330	-107.7339540
Ardourel 4HU LP Rev 1 - plan hits target center - Point	0.00	0.000	6,918.00	981.33	340.94	1,167,248.89	2,339,052.81	37.1039640	-107.7665190

Database:	Grand Junction	Local Co-ordinate Reference:	Well Ardourel 33081718 #4HU - Slot 4
Company:	NueVida Resources, LLC	TVD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Project:	La Plata County, CO (NAD83)	MD Reference:	GL 6719' & RKB 25' @ 6744.00ft (Aztec 1000)
Site:	33N 08W Sec 18	North Reference:	Grid
Well:	Ardourel 33081718 #4HU	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,236.00	3,205.93	335.18	-150.48	Start Drop -2.00
3,336.00	3,304.45	350.68	-157.72	Start Drop -2.00
3,436.00	3,403.51	363.05	-163.50	Start DLS 1.10 TFO -113.00
3,536.00	3,502.83	373.14	-169.19	Start DLS 2.03 TFO -98.94
3,636.00	3,602.20	381.32	-176.82	Start 100.00 hold at 3636.00 MD
3,736.00	3,701.56	388.29	-185.74	Start DLS 1.41 TFO 60.44
3,836.00	3,800.84	396.48	-194.48	Start DLS 1.41 TFO 50.81
4,036.00	3,998.74	420.12	-210.82	Start DLS 1.41 TFO 37.25
4,136.00	4,097.24	435.56	-218.43	Start DLS 0.17 TFO 0.00
4,436.00	4,391.98	486.68	-241.19	Start DLS 0.07 TFO 125.82
5,436.00	5,374.31	659.71	-312.44	Start DLS 0.07 TFO 122.34
5,640.00	5,574.86	694.70	-325.42	Start DLS 0.06 TFO -180.00
6,427.00	6,349.30	826.30	-373.32	KOP - Start DLS 10.50 TFO 105.13
7,291.58	6,911.71	964.32	144.65	Start 197.13 hold at 7291.58 MD
7,488.71	6,918.00	981.33	340.94	LP - Start DLS 2.00 TFO 70.90
7,785.74	6,922.43	992.46	637.59	Start 9201.77 hold at 7785.74 MD
16,987.51	6,903.00	886.89	9,838.73	BHL - TD at 16987.51