

Catamount Energy Partners

Standard Planning Report

Morales 34-6-6U #1 Lateral #1 ST #1

Sec 6U T34N R6W

La Plata County CO

July 10, 2015

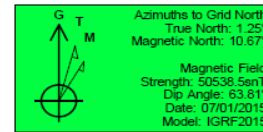


Catamount Energy Partners DIRECTIONAL DRILLING PLAN

Well: Morales 34-6-6U #1
STR: Sec 6U T34N R6W
Location (Ft.): 7FNL , 1804FEL
Field: Ignacio Blanco Field
Co, State: La Plata County, Colorado

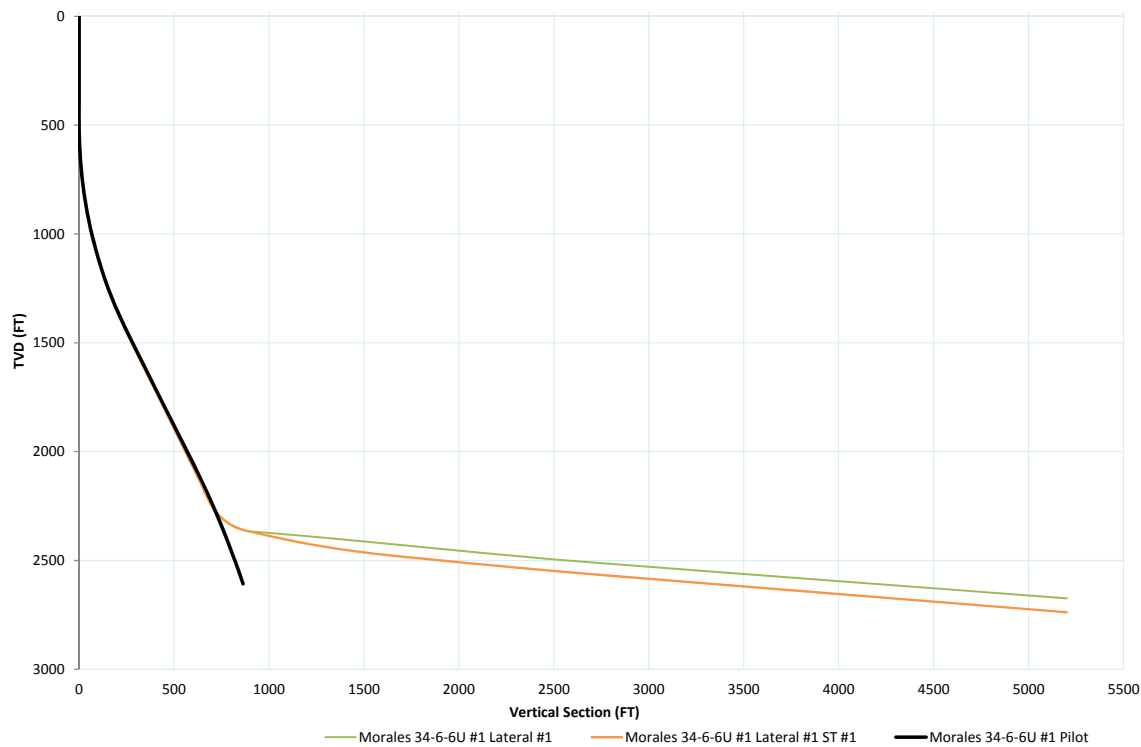
WELL DETAILS Morales 34-6-6U #1					
Ground Level: 6952.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1205930.94	2406361.46	37° 12' 51.953 N	107° 32' 19.234 W

SITE DETAILS: La Plata County CO		PROJECT DETAILS: San Juan Basin	
Site Centre Northing: 760788.19		Geodetic System: US State Plane 1983	
Easting: 2556100.64		Datum: North American Datum 1983	
Positional Uncertainty: 0.0		Ellipsoid: GRS 1980	
Local North: Grid		Zone: Colorado Southern Zone	
		System Datum: Mean Sea Level	

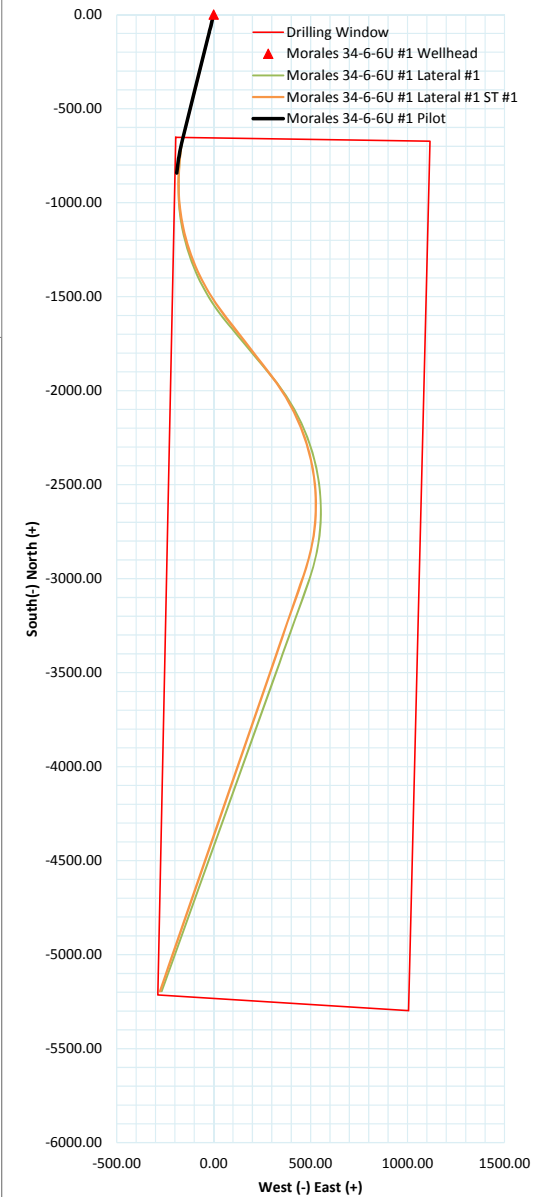


ALL AZIMUTHS MUST BE CORRECTED TO GRID NORTH
To convert a Magnetic Direction to a Grid Direction, Add 10.67°
To convert a True Direction to a Grid Direction, Add 1.25°

Morales 34-6-6U #1 VS View



Section View- Morales 34-6-6U #1



Morales 34-6-6U #1, Plan 4 (Plan converted from Survey #3)

Operator	Catamount Energy Partners			Units	feet, °/100ft		15:25 Friday, July 10, 2015 Page 1 of 5			
Field	Ignacio Blanco			County	La Plata		Vertical Section Azimuth		182.95	
Well Name	Morales 34-6-6U #1			State	CO		Survey Calculation Method		Minimum Curvature	
Plan	4			Country			Database		Access	
Location				MapZone	UTM		Lat Long Ref		NAD83	
Site				SurfaceX	0		Surface Long		-107.53868	
Slot Name	UWI			SurfaceY	0		Surface Lat		37.21443	
Well Number	API			Z Datum	KB					
Project				Surface Z	6968		Ground Level		6952	
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
*** TIE-POINT (at MD = 0.00)										
0.00	0.00	0.0	0.00	0.00	0.00		0.00	0.00	0.00	6968.00
50.00	0.00	0.0	50.00	0.00	0.00	0.00	0.00	0.00	0.00	6918.00
100.00	0.00	0.0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	6868.00
150.00	0.00	0.0	150.00	0.00	0.00	0.00	0.00	0.00	0.00	6818.00
200.00	0.00	0.0	200.00	0.00	0.00	0.00	0.00	0.00	0.00	6768.00
250.00	0.00	0.0	250.00	0.00	0.00	0.00	0.00	0.00	0.00	6718.00
300.00	0.00	0.0	300.00	0.00	0.00	0.00	0.00	0.00	0.00	6668.00
350.00	0.00	0.0	350.00	0.00	0.00	0.00	0.00	0.00	0.00	6618.00
400.00	0.00	0.0	400.00	0.00	0.00	0.00	0.00	0.00	0.00	6568.00
450.00	0.00	0.0	450.00	0.00	0.00	0.00	0.00	0.00	0.00	6518.00
500.00	0.00	0.0	500.00	0.00	0.00	0.00	0.00	0.00	0.00	6468.00
550.00	1.50	193.6	549.99	-0.64	-0.15	3.00	0.64	-0.15	-0.64	6418.01
600.00	3.00	193.6	599.95	-2.54	-0.62	3.00	2.57	-0.62	-2.54	6368.05
650.00	4.50	193.6	649.85	-5.72	-1.38	3.00	5.79	-1.38	-5.72	6318.15
700.00	6.00	193.6	699.63	-10.17	-2.46	3.00	10.28	-2.46	-10.17	6268.37
750.00	7.50	193.6	749.29	-15.88	-3.84	3.00	16.06	-3.84	-15.88	6218.71
800.00	9.00	193.6	798.77	-22.86	-5.53	3.00	23.11	-5.53	-22.86	6169.23
850.00	10.50	193.6	848.04	-31.09	-7.51	3.00	31.43	-7.51	-31.09	6119.96
900.00	12.00	193.6	897.08	-40.57	-9.81	3.00	41.02	-9.81	-40.57	6070.92
950.00	13.50	193.6	945.85	-51.29	-12.40	3.00	51.86	-12.40	-51.29	6022.15
1000.00	15.00	193.6	994.31	-63.25	-15.29	3.00	63.96	-15.29	-63.25	5973.69
1050.00	16.50	193.6	1042.43	-76.45	-18.48	3.00	77.30	-18.48	-76.45	5925.57
1100.00	18.00	193.6	1090.18	-90.86	-21.96	3.00	91.87	-21.96	-90.86	5877.82
1150.00	19.50	193.6	1137.52	-106.48	-25.74	3.00	107.66	-25.74	-106.48	5830.48
1200.00	21.00	193.6	1184.43	-123.30	-29.81	3.00	124.67	-29.81	-123.30	5783.57
1250.00	22.50	193.6	1230.87	-141.31	-34.16	3.00	142.88	-34.16	-141.31	5737.13
1300.00	24.00	193.6	1276.81	-160.49	-38.80	3.00	162.28	-38.80	-160.49	5691.19
1350.00	25.50	193.6	1322.22	-180.84	-43.72	3.00	182.85	-43.72	-180.84	5645.78
1400.00	27.00	193.6	1367.06	-202.33	-48.91	3.00	204.58	-48.91	-202.33	5600.94
1450.00	28.50	193.6	1411.31	-224.96	-54.38	3.00	227.46	-54.38	-224.96	5556.69
1495.80	29.87	193.6	1451.29	-246.67	-59.63	3.00	249.41	-59.63	-246.67	5516.71
1500.00	29.87	193.6	1454.93	-248.70	-60.12	0.00	251.47	-60.12	-248.70	5513.07
1550.00	29.87	193.6	1498.29	-272.91	-65.97	0.00	275.94	-65.97	-272.91	5469.71
1600.00	29.87	193.6	1541.65	-297.11	-71.82	0.00	300.41	-71.82	-297.11	5426.35

Morales 34-6-6U #1, Plan 4 (Plan converted from Survey #3)

Operator	Catamount Energy Partners			Units	feet, °/100ft		15:25 Friday, July 10, 2015 Page 2 of 5			
Field	Ignacio Blanco			County	La Plata		Vertical Section Azimuth		182.95	
Well Name	Morales 34-6-6U #1			State	CO		Survey Calculation Method		Minimum Curvature	
Plan	4			Country			Database		Access	
Location					MapZone	UTM		Lat Long Ref		NAD83
Site					SurfaceX	0		Surface Long	-107.53868	
Slot Name				UWI	SurfaceY	0		Surface Lat	37.21443	
Well Number				API	Z Datum	KB				
Project					Surface Z	6968		Ground Level	6952	
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
1650.00	29.87	193.6	1585.01	-321.32	-77.68	0.00	324.89	-77.68	-321.32	5382.99
1700.00	29.87	193.6	1628.37	-345.52	-83.53	0.00	349.36	-83.53	-345.52	5339.63
1750.00	29.87	193.6	1671.72	-369.72	-89.38	0.00	373.83	-89.38	-369.72	5296.28
1800.00	29.87	193.6	1715.08	-393.93	-95.23	0.00	398.31	-95.23	-393.93	5252.92
1850.00	29.87	193.6	1758.44	-418.13	-101.08	0.00	422.78	-101.08	-418.13	5209.56
1900.00	29.87	193.6	1801.80	-442.34	-106.93	0.00	447.25	-106.93	-442.34	5166.20
1950.00	29.87	193.6	1845.15	-466.54	-112.78	0.00	471.73	-112.78	-466.54	5122.85
2000.00	29.87	193.6	1888.51	-490.75	-118.63	0.00	496.20	-118.63	-490.75	5079.49
2050.00	29.87	193.6	1931.87	-514.95	-124.48	0.00	520.68	-124.48	-514.95	5036.13
2100.00	29.87	193.6	1975.23	-539.16	-130.34	0.00	545.15	-130.34	-539.16	4992.77
2150.00	29.87	193.6	2018.59	-563.36	-136.19	0.00	569.62	-136.19	-563.36	4949.41
2200.00	29.87	193.6	2061.94	-587.56	-142.04	0.00	594.10	-142.04	-587.56	4906.06
2250.00	29.87	193.6	2105.30	-611.77	-147.89	0.00	618.57	-147.89	-611.77	4862.70
2262.10	29.87	193.6	2115.79	-617.63	-149.31	0.00	624.49	-149.31	-617.63	4852.21
2300.00	28.74	193.6	2148.84	-635.66	-153.66	2.98	642.72	-153.66	-635.66	4819.16
2350.00	27.24	193.6	2192.99	-658.47	-159.18	3.00	665.79	-159.18	-658.47	4775.01
2357.40	27.02	193.6	2199.58	-661.75	-159.97	3.00	669.10	-159.97	-661.75	4768.42
2357.90	27.00	193.6	2200.02	-661.97	-160.02	4.00	669.33	-160.02	-661.97	4767.98
2367.60	26.87	193.4	2208.67	-666.24	-161.05	1.53	673.64	-161.05	-666.24	4759.33
2375.00	28.31	192.7	2215.23	-669.58	-161.82	20.05	677.02	-161.82	-669.58	4752.77
2400.00	33.19	190.5	2236.71	-682.10	-164.37	20.00	689.65	-164.37	-682.10	4731.29
2425.00	38.10	188.9	2257.02	-696.46	-166.82	20.01	704.12	-166.82	-696.46	4710.98
2450.00	43.03	187.6	2276.01	-712.54	-169.13	20.01	720.30	-169.13	-712.54	4691.99
2475.00	47.96	186.5	2293.53	-730.23	-171.30	19.97	738.08	-171.30	-730.23	4674.47
2500.00	52.91	185.5	2309.45	-749.39	-173.31	20.01	757.32	-173.31	-749.39	4658.55
2525.00	57.87	184.7	2323.64	-769.88	-175.15	20.03	777.87	-175.15	-769.88	4644.36
2550.00	62.82	184.0	2336.01	-791.54	-176.79	19.96	799.59	-176.79	-791.54	4631.99
2575.00	67.79	183.3	2346.45	-814.20	-178.23	20.03	822.29	-178.23	-814.20	4621.55
2600.00	72.75	182.7	2354.88	-837.69	-179.46	19.98	845.82	-179.46	-837.69	4613.12
2625.00	77.72	182.1	2361.25	-861.84	-180.46	20.01	869.98	-180.46	-861.84	4606.75
2628.00	78.32	182.0	2361.88	-864.77	-180.56	20.13	872.92	-180.56	-864.77	4606.12
2650.00	78.48	180.9	2366.30	-886.31	-181.11	5.00	894.46	-181.11	-886.31	4601.70
2700.00	78.86	178.4	2376.12	-935.33	-180.80	5.00	943.40	-180.80	-935.33	4591.88
2750.00	79.27	175.9	2385.61	-984.36	-178.34	5.00	992.23	-178.34	-984.36	4582.39
2800.00	79.69	173.4	2394.74	-1033.30	-173.72	5.00	1040.87	-173.72	-1033.30	4573.26

Morales 34-6-6U #1, Plan 4 (Plan converted from Survey #3)

Operator	Catamount Energy Partners			Units	feet, °/100ft		15:25 Friday, July 10, 2015 Page 3 of 5			
Field	Ignacio Blanco			County	La Plata		Vertical Section Azimuth		182.95	
Well Name	Morales 34-6-6U #1			State	CO		Survey Calculation Method		Minimum Curvature	
Plan	4			Country			Database		Access	
Location					MapZone	UTM		Lat Long Ref	NAD83	
Site					SurfaceX	0		Surface Long	-107.53868	
Slot Name				UWI	SurfaceY	0		Surface Lat	37.21443	
Well Number				API	Z Datum	KB				
Project					Surface Z	6968		Ground Level	6952	
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
2850.00	80.14	170.9	2403.50	-1082.05	-166.96	5.00	1089.21	-166.96	-1082.05	4564.50
2900.00	80.60	168.4	2411.86	-1130.54	-158.08	5.00	1137.18	-158.08	-1130.54	4556.14
2950.00	81.08	165.9	2419.83	-1178.65	-147.08	5.00	1184.66	-147.08	-1178.65	4548.17
3000.00	81.57	163.4	2427.37	-1226.31	-133.99	5.00	1231.58	-133.99	-1226.31	4540.63
3050.00	82.08	160.9	2434.48	-1273.42	-118.84	5.00	1277.85	-118.84	-1273.42	4533.52
3100.00	82.61	158.5	2441.14	-1319.90	-101.65	5.00	1323.38	-101.65	-1319.90	4526.86
3150.00	83.15	156.0	2447.34	-1365.64	-82.45	5.00	1368.08	-82.45	-1365.64	4520.66
3200.00	83.70	153.6	2453.07	-1410.57	-61.29	5.00	1411.86	-61.29	-1410.57	4514.93
3250.00	84.26	151.1	2458.32	-1454.61	-38.20	5.00	1454.65	-38.20	-1454.61	4509.68
3300.00	84.83	148.7	2463.07	-1497.66	-13.22	5.00	1496.35	-13.22	-1497.66	4504.93
3350.00	85.42	146.2	2467.32	-1539.64	13.59	5.00	1536.90	13.59	-1539.64	4500.68
3400.00	86.01	143.8	2471.06	-1580.48	42.19	5.00	1576.22	42.19	-1580.48	4496.94
3412.32	86.15	143.2	2471.90	-1590.36	49.50	5.00	1585.70	49.50	-1590.36	4496.10
3450.00	86.15	143.2	2474.43	-1620.46	72.03	0.00	1614.60	72.03	-1620.46	4493.57
3500.00	86.15	143.2	2477.78	-1660.39	101.92	0.00	1652.95	101.92	-1660.39	4490.22
3550.00	86.15	143.2	2481.13	-1700.33	131.82	0.00	1691.29	131.82	-1700.33	4486.87
3600.00	86.15	143.2	2484.49	-1740.27	161.72	0.00	1729.64	161.72	-1740.27	4483.51
3650.00	86.15	143.2	2487.84	-1780.21	191.61	0.00	1767.99	191.61	-1780.21	4480.16
3700.00	86.15	143.2	2491.20	-1820.14	221.51	0.00	1806.33	221.51	-1820.14	4476.80
3750.00	86.15	143.2	2494.55	-1860.08	251.40	0.00	1844.68	251.40	-1860.08	4473.45
3800.00	86.15	143.2	2497.90	-1900.02	281.30	0.00	1883.02	281.30	-1900.02	4470.10
3831.28	86.15	143.2	2500.00	-1925.00	300.00	0.00	1907.01	300.00	-1925.00	4468.00
3850.00	86.12	144.1	2501.26	-1940.05	311.07	5.00	1921.47	311.07	-1940.05	4466.74
3900.00	86.04	146.6	2504.68	-1981.09	339.42	5.00	1961.00	339.42	-1981.09	4463.32
3950.00	85.97	149.1	2508.16	-2023.33	365.93	5.00	2001.82	365.93	-2023.33	4459.84
4000.00	85.90	151.6	2511.71	-2066.68	390.58	5.00	2043.84	390.58	-2066.68	4456.29
4050.00	85.84	154.1	2515.31	-2111.07	413.31	5.00	2087.00	413.31	-2111.07	4452.69
4100.00	85.79	156.6	2518.96	-2156.41	434.07	5.00	2131.21	434.07	-2156.41	4449.04
4150.00	85.75	159.2	2522.65	-2202.60	452.83	5.00	2176.38	452.83	-2202.60	4445.35
4200.00	85.72	161.7	2526.37	-2249.57	469.54	5.00	2222.43	469.54	-2249.57	4441.63
4250.00	85.69	164.2	2530.12	-2297.23	484.19	5.00	2269.26	484.19	-2297.23	4437.89
4300.00	85.67	166.7	2533.88	-2345.48	496.74	5.00	2316.80	496.74	-2345.48	4434.12
4350.00	85.66	169.2	2537.66	-2394.23	507.17	5.00	2364.95	507.17	-2394.23	4430.34
4400.00	85.66	171.7	2541.44	-2443.39	515.45	5.00	2413.62	515.45	-2443.39	4426.56
4450.00	85.67	174.2	2545.22	-2492.86	521.58	5.00	2462.72	521.58	-2492.86	4422.78

Morales 34-6-6U #1, Plan 4 (Plan converted from Survey #3)

Operator	Catamount Energy Partners				Units	feet, °/100ft		15:26 Friday, July 10, 2015 Page 4 of 5		
Field	Ignacio Blanco				County	La Plata		Vertical Section Azimuth 182.95		
Well Name	Morales 34-6-6U #1				State	CO		Survey Calculation Method Minimum Curvature		
Plan	4				Country			Database Access		
Location					MapZone	UTM		Lat Long Ref NAD83		
Site					SurfaceX	0		Surface Long	-107.53868	
Slot Name					SurfaceY	0		Surface Lat	37.21443	
Well Number					Z Datum	KB				
Project					Surface Z	6968		Ground Level	6952	
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
4500.00	85.68	176.7	2549.00	-2542.56	525.53	5.00	2512.14	525.53	-2542.56	4419.00
4550.00	85.71	179.2	2552.75	-2592.38	527.31	5.00	2561.81	527.31	-2592.38	4415.25
4600.00	85.74	181.7	2556.48	-2642.24	526.91	5.00	2611.62	526.91	-2642.24	4411.52
4650.00	85.78	184.2	2560.18	-2692.03	524.32	5.00	2661.48	524.32	-2692.03	4407.82
4700.00	85.83	186.7	2563.84	-2741.66	519.56	5.00	2711.29	519.56	-2741.66	4404.16
4750.00	85.88	189.2	2567.46	-2791.04	512.64	5.00	2760.96	512.64	-2791.04	4400.54
4800.00	85.94	191.7	2571.02	-2840.08	503.56	5.00	2810.40	503.56	-2840.08	4396.98
4850.00	86.02	194.2	2574.53	-2888.68	492.35	5.00	2859.51	492.35	-2888.68	4393.47
4900.00	86.09	196.8	2577.97	-2936.74	479.02	5.00	2908.20	479.02	-2936.74	4390.03
4935.26	86.16	198.5	2580.35	-2970.27	468.36	5.00	2942.23	468.36	-2970.27	4387.65
4950.00	86.16	198.5	2581.34	-2984.21	463.69	0.00	2956.39	463.69	-2984.21	4386.66
5000.00	86.16	198.5	2584.69	-3031.51	447.85	0.00	3004.45	447.85	-3031.51	4383.31
5050.00	86.16	198.5	2588.05	-3078.82	432.00	0.00	3052.51	432.00	-3078.82	4379.95
5100.00	86.16	198.5	2591.40	-3126.12	416.16	0.00	3100.56	416.16	-3126.12	4376.60
5150.00	86.16	198.5	2594.75	-3173.43	400.32	0.00	3148.62	400.32	-3173.43	4373.25
5200.00	86.16	198.5	2598.10	-3220.73	384.47	0.00	3196.68	384.47	-3220.73	4369.90
5250.00	86.16	198.5	2601.46	-3268.04	368.63	0.00	3244.74	368.63	-3268.04	4366.54
5300.00	86.16	198.5	2604.81	-3315.34	352.78	0.00	3292.79	352.78	-3315.34	4363.19
5350.00	86.16	198.5	2608.16	-3362.65	336.94	0.00	3340.85	336.94	-3362.65	4359.84
5400.00	86.16	198.5	2611.52	-3409.95	321.10	0.00	3388.91	321.10	-3409.95	4356.48
5450.00	86.16	198.5	2614.87	-3457.26	305.25	0.00	3436.97	305.25	-3457.26	4353.13
5500.00	86.16	198.5	2618.22	-3504.56	289.41	0.00	3485.02	289.41	-3504.56	4349.78
5550.00	86.16	198.5	2621.57	-3551.87	273.57	0.00	3533.08	273.57	-3551.87	4346.43
5600.00	86.16	198.5	2624.93	-3599.17	257.72	0.00	3581.14	257.72	-3599.17	4343.07
5650.00	86.16	198.5	2628.28	-3646.48	241.88	0.00	3629.20	241.88	-3646.48	4339.72
5700.00	86.16	198.5	2631.63	-3693.78	226.04	0.00	3677.25	226.04	-3693.78	4336.37
5750.00	86.16	198.5	2634.99	-3741.09	210.19	0.00	3725.31	210.19	-3741.09	4333.01
5800.00	86.16	198.5	2638.34	-3788.39	194.35	0.00	3773.37	194.35	-3788.39	4329.66
5850.00	86.16	198.5	2641.69	-3835.69	178.50	0.00	3821.43	178.50	-3835.69	4326.31
5900.00	86.16	198.5	2645.04	-3883.00	162.66	0.00	3869.48	162.66	-3883.00	4322.96
5950.00	86.16	198.5	2648.40	-3930.30	146.82	0.00	3917.54	146.82	-3930.30	4319.60
6000.00	86.16	198.5	2651.75	-3977.61	130.97	0.00	3965.60	130.97	-3977.61	4316.25
6050.00	86.16	198.5	2655.10	-4024.91	115.13	0.00	4013.65	115.13	-4024.91	4312.90
6100.00	86.16	198.5	2658.46	-4072.22	99.29	0.00	4061.71	99.29	-4072.22	4309.54
6150.00	86.16	198.5	2661.81	-4119.52	83.44	0.00	4109.77	83.44	-4119.52	4306.19

Morales 34-6-6U #1, Plan 4 (Plan converted from Survey #3)

Operator	Catamount Energy Partners	Units	feet, °/100ft	15:26 Friday, July 10, 2015	Page 5 of 5
Field	Ignacio Blanco	County	La Plata	Vertical Section Azimuth	182.95
Well Name	Morales 34-6-6U #1	State	CO	Survey Calculation Method	Minimum Curvature
Plan	4	Country		Database	Access
Location		MapZone	UTM	Lat Long Ref	NAD83
Site		SurfaceX	0	Surface Long	-107.53868
Slot Name	UWI	SurfaceY	0	Surface Lat	37.21443
Well Number	API	Z Datum	KB		
Project		Surface Z	6968	Ground Level	6952

DIRECTIONAL WELL PLAN

MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
6200.00	86.16	198.5	2665.16	-4166.83	67.60	0.00	4157.83	67.60	-4166.83	4302.84
6250.00	86.16	198.5	2668.51	-4214.13	51.75	0.00	4205.88	51.75	-4214.13	4299.49
6300.00	86.16	198.5	2671.87	-4261.44	35.91	0.00	4253.94	35.91	-4261.44	4296.13
6350.00	86.16	198.5	2675.22	-4308.74	20.07	0.00	4302.00	20.07	-4308.74	4292.78
6400.00	86.16	198.5	2678.57	-4356.05	4.22	0.00	4350.06	4.22	-4356.05	4289.43
6450.00	86.16	198.5	2681.93	-4403.35	-11.62	0.00	4398.11	-11.62	-4403.35	4286.07
6500.00	86.16	198.5	2685.28	-4450.66	-27.46	0.00	4446.17	-27.46	-4450.66	4282.72
6550.00	86.16	198.5	2688.63	-4497.96	-43.31	0.00	4494.23	-43.31	-4497.96	4279.37
6600.00	86.16	198.5	2691.98	-4545.27	-59.15	0.00	4542.29	-59.15	-4545.27	4276.02
6650.00	86.16	198.5	2695.34	-4592.57	-75.00	0.00	4590.34	-75.00	-4592.57	4272.66
6700.00	86.16	198.5	2698.69	-4639.87	-90.84	0.00	4638.40	-90.84	-4639.87	4269.31
6750.00	86.16	198.5	2702.04	-4687.18	-106.68	0.00	4686.46	-106.68	-4687.18	4265.96
6800.00	86.16	198.5	2705.40	-4734.48	-122.53	0.00	4734.52	-122.53	-4734.48	4262.60
6850.00	86.16	198.5	2708.75	-4781.79	-138.37	0.00	4782.57	-138.37	-4781.79	4259.25
6900.00	86.16	198.5	2712.10	-4829.09	-154.21	0.00	4830.63	-154.21	-4829.09	4255.90
6950.00	86.16	198.5	2715.45	-4876.40	-170.06	0.00	4878.69	-170.06	-4876.40	4252.55
7000.00	86.16	198.5	2718.81	-4923.70	-185.90	0.00	4926.75	-185.90	-4923.70	4249.19
7050.00	86.16	198.5	2722.16	-4971.01	-201.75	0.00	4974.80	-201.75	-4971.01	4245.84
7100.00	86.16	198.5	2725.51	-5018.31	-217.59	0.00	5022.86	-217.59	-5018.31	4242.49
7150.00	86.16	198.5	2728.87	-5065.62	-233.43	0.00	5070.92	-233.43	-5065.62	4239.14
7200.00	86.16	198.5	2732.22	-5112.92	-249.28	0.00	5118.97	-249.28	-5112.92	4235.78
7250.00	86.16	198.5	2735.57	-5160.23	-265.12	0.00	5167.03	-265.12	-5160.23	4232.43
7286.23	86.16	198.5	2738.00	-5194.50	-276.60	0.00	5201.85	-276.60	-5194.50	4230.00