

DJ/Paradox/WTX

Wattenberg

New Drills

McCoy 0-6-5

Wellbore #1

Plan: Design #1

Standard Planning Report - Geographic

26 May, 2010

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well McCoy 0-6-5
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4961.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4961.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	McCoy 0-6-5	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Wattenberg,		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		New Drills				
Site Position:		Northing:	1,252,450.66 ft	Latitude:	40° 1' 32.016 N	
From:	Lat/Long	Easting:	3,120,627.66 ft	Longitude:	105° 4' 9.336 W	
Position Uncertainty:		ft	Slot Radius:	in	Grid Convergence:	0.28 °

Well		McCoy 0-6-5				
Well Position	+N/-S	51,233.9 ft	Northing:	1,303,954.22 ft	Latitude:	40° 9' 58.680 N
	+E/-W	41,489.3 ft	Easting:	3,161,781.49 ft	Longitude:	104° 55' 15.996 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	4,948.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	9.09	66.89	53,163

Design	Design #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	217.26	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,231.7	10.63	217.26	1,228.7	-39.2	-29.8	2.00	2.00	0.00	217.26	
6,551.7	10.63	217.26	6,457.3	-820.5	-624.2	0.00	0.00	0.00	0.00	
7,083.5	0.00	0.00	6,986.0	-859.7	-654.0	2.00	-2.00	0.00	180.00	
8,118.5	0.00	0.00	8,021.0	-859.7	-654.0	0.00	0.00	0.00	0.00	McCoy 0-6-5

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Planning Report - Geographic

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Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4961.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4961.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	McCoy 0-6-5	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude	
0.0	0.00	0.00	0.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
100.0	0.00	0.00	100.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
200.0	0.00	0.00	200.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
300.0	0.00	0.00	300.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
400.0	0.00	0.00	400.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
500.0	0.00	0.00	500.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
600.0	0.00	0.00	600.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
700.0	0.00	0.00	700.0	0.0	0.0	1,303,954.22	3,161,781.49	40° 9' 58.680 N	104° 55' 15.996 W	
800.0	2.00	217.26	800.0	-1.4	-1.1	1,303,952.82	3,161,780.44	40° 9' 58.666 N	104° 55' 16.010 W	
900.0	4.00	217.26	899.8	-5.6	-4.2	1,303,948.64	3,161,777.30	40° 9' 58.625 N	104° 55' 16.050 W	
1,000.0	6.00	217.26	999.5	-12.5	-9.5	1,303,941.67	3,161,772.07	40° 9' 58.556 N	104° 55' 16.118 W	
1,100.0	8.00	217.26	1,098.7	-22.2	-16.9	1,303,931.92	3,161,764.75	40° 9' 58.461 N	104° 55' 16.213 W	
1,200.0	10.00	217.26	1,197.5	-34.6	-26.4	1,303,919.41	3,161,755.36	40° 9' 58.338 N	104° 55' 16.335 W	
1,231.7	10.63	217.26	1,228.7	-39.2	-29.8	1,303,914.86	3,161,751.95	40° 9' 58.293 N	104° 55' 16.380 W	
1,300.0	10.63	217.26	1,295.8	-49.2	-37.4	1,303,904.79	3,161,744.39	40° 9' 58.194 N	104° 55' 16.478 W	
1,400.0	10.63	217.26	1,394.1	-63.9	-48.6	1,303,890.03	3,161,733.31	40° 9' 58.049 N	104° 55' 16.622 W	
1,500.0	10.63	217.26	1,492.3	-78.6	-59.8	1,303,875.27	3,161,722.24	40° 9' 57.903 N	104° 55' 16.766 W	
1,600.0	10.63	217.26	1,590.6	-93.3	-70.9	1,303,860.51	3,161,711.16	40° 9' 57.758 N	104° 55' 16.910 W	
1,700.0	10.63	217.26	1,688.9	-107.9	-82.1	1,303,845.75	3,161,700.08	40° 9' 57.613 N	104° 55' 17.054 W	
1,800.0	10.63	217.26	1,787.2	-122.6	-93.3	1,303,830.99	3,161,689.01	40° 9' 57.468 N	104° 55' 17.198 W	
1,900.0	10.63	217.26	1,885.5	-137.3	-104.5	1,303,816.23	3,161,677.93	40° 9' 57.323 N	104° 55' 17.342 W	
2,000.0	10.63	217.26	1,983.8	-152.0	-115.6	1,303,801.47	3,161,666.85	40° 9' 57.178 N	104° 55' 17.485 W	
2,100.0	10.63	217.26	2,082.0	-166.7	-126.8	1,303,786.71	3,161,655.78	40° 9' 57.033 N	104° 55' 17.629 W	
2,200.0	10.63	217.26	2,180.3	-181.4	-138.0	1,303,771.95	3,161,644.70	40° 9' 56.887 N	104° 55' 17.773 W	
2,300.0	10.63	217.26	2,278.6	-196.1	-149.1	1,303,757.19	3,161,633.62	40° 9' 56.742 N	104° 55' 17.917 W	
2,400.0	10.63	217.26	2,376.9	-210.7	-160.3	1,303,742.43	3,161,622.55	40° 9' 56.597 N	104° 55' 18.061 W	
2,500.0	10.63	217.26	2,475.2	-225.4	-171.5	1,303,727.67	3,161,611.47	40° 9' 56.452 N	104° 55' 18.205 W	
2,600.0	10.63	217.26	2,573.5	-240.1	-182.7	1,303,712.91	3,161,600.39	40° 9' 56.307 N	104° 55' 18.349 W	
2,700.0	10.63	217.26	2,671.7	-254.8	-193.8	1,303,698.15	3,161,589.32	40° 9' 56.162 N	104° 55' 18.493 W	
2,800.0	10.63	217.26	2,770.0	-269.5	-205.0	1,303,683.39	3,161,578.24	40° 9' 56.017 N	104° 55' 18.637 W	
2,900.0	10.63	217.26	2,868.3	-284.2	-216.2	1,303,668.63	3,161,567.16	40° 9' 55.871 N	104° 55' 18.781 W	
3,000.0	10.63	217.26	2,966.6	-298.9	-227.4	1,303,653.87	3,161,556.08	40° 9' 55.726 N	104° 55' 18.925 W	
3,100.0	10.63	217.26	3,064.9	-313.6	-238.5	1,303,639.11	3,161,545.01	40° 9' 55.581 N	104° 55' 19.069 W	
3,200.0	10.63	217.26	3,163.1	-328.2	-249.7	1,303,624.35	3,161,533.93	40° 9' 55.436 N	104° 55' 19.213 W	
3,300.0	10.63	217.26	3,261.4	-342.9	-260.9	1,303,609.59	3,161,522.85	40° 9' 55.291 N	104° 55' 19.356 W	
3,400.0	10.63	217.26	3,359.7	-357.6	-272.1	1,303,594.83	3,161,511.78	40° 9' 55.146 N	104° 55' 19.500 W	
3,500.0	10.63	217.26	3,458.0	-372.3	-283.2	1,303,580.07	3,161,500.70	40° 9' 55.001 N	104° 55' 19.644 W	
3,600.0	10.63	217.26	3,556.3	-387.0	-294.4	1,303,565.31	3,161,489.62	40° 9' 54.855 N	104° 55' 19.788 W	
3,700.0	10.63	217.26	3,654.6	-401.7	-305.6	1,303,550.55	3,161,478.55	40° 9' 54.710 N	104° 55' 19.932 W	
3,800.0	10.63	217.26	3,752.8	-416.4	-316.7	1,303,535.79	3,161,467.47	40° 9' 54.565 N	104° 55' 20.076 W	
3,900.0	10.63	217.26	3,851.1	-431.1	-327.9	1,303,521.03	3,161,456.39	40° 9' 54.420 N	104° 55' 20.220 W	
4,000.0	10.63	217.26	3,949.4	-445.7	-339.1	1,303,506.27	3,161,445.32	40° 9' 54.275 N	104° 55' 20.364 W	
4,100.0	10.63	217.26	4,047.7	-460.4	-350.3	1,303,491.51	3,161,434.24	40° 9' 54.130 N	104° 55' 20.508 W	
4,200.0	10.63	217.26	4,146.0	-475.1	-361.4	1,303,476.75	3,161,423.16	40° 9' 53.984 N	104° 55' 20.652 W	
4,300.0	10.63	217.26	4,244.3	-489.8	-372.6	1,303,461.99	3,161,412.09	40° 9' 53.839 N	104° 55' 20.796 W	
4,400.0	10.63	217.26	4,342.5	-504.5	-383.8	1,303,447.23	3,161,401.01	40° 9' 53.694 N	104° 55' 20.940 W	
4,500.0	10.63	217.26	4,440.8	-519.2	-395.0	1,303,432.47	3,161,389.93	40° 9' 53.549 N	104° 55' 21.083 W	
4,600.0	10.63	217.26	4,539.1	-533.9	-406.1	1,303,417.71	3,161,378.86	40° 9' 53.404 N	104° 55' 21.227 W	
4,700.0	10.63	217.26	4,637.4	-548.6	-417.3	1,303,402.95	3,161,367.78	40° 9' 53.259 N	104° 55' 21.371 W	
4,800.0	10.63	217.26	4,735.7	-563.2	-428.5	1,303,388.19	3,161,356.70	40° 9' 53.114 N	104° 55' 21.515 W	
4,900.0	10.63	217.26	4,833.9	-577.9	-439.6	1,303,373.43	3,161,345.63	40° 9' 52.968 N	104° 55' 21.659 W	
5,000.0	10.63	217.26	4,932.2	-592.6	-450.8	1,303,358.67	3,161,334.55	40° 9' 52.823 N	104° 55' 21.803 W	
5,100.0	10.63	217.26	5,030.5	-607.3	-462.0	1,303,343.91	3,161,323.47	40° 9' 52.678 N	104° 55' 21.947 W	
5,200.0	10.63	217.26	5,128.8	-622.0	-473.2	1,303,329.15	3,161,312.39	40° 9' 52.533 N	104° 55' 22.091 W	
5,300.0	10.63	217.26	5,227.1	-636.7	-484.3	1,303,314.39	3,161,301.32	40° 9' 52.388 N	104° 55' 22.235 W	

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well McCoy 0-6-5
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4961.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4961.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	McCoy 0-6-5	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude	
5,400.0	10.63	217.26	5,325.4	-651.4	-495.5	1,303,299.63	3,161,290.24	40° 9' 52.243 N	104° 55' 22.379 W	
5,500.0	10.63	217.26	5,423.6	-666.1	-506.7	1,303,284.87	3,161,279.16	40° 9' 52.098 N	104° 55' 22.523 W	
5,600.0	10.63	217.26	5,521.9	-680.7	-517.9	1,303,270.11	3,161,268.09	40° 9' 51.952 N	104° 55' 22.667 W	
5,700.0	10.63	217.26	5,620.2	-695.4	-529.0	1,303,255.35	3,161,257.01	40° 9' 51.807 N	104° 55' 22.810 W	
5,800.0	10.63	217.26	5,718.5	-710.1	-540.2	1,303,240.59	3,161,245.93	40° 9' 51.662 N	104° 55' 22.954 W	
5,900.0	10.63	217.26	5,816.8	-724.8	-551.4	1,303,225.83	3,161,234.86	40° 9' 51.517 N	104° 55' 23.098 W	
6,000.0	10.63	217.26	5,915.1	-739.5	-562.5	1,303,211.07	3,161,223.78	40° 9' 51.372 N	104° 55' 23.242 W	
6,100.0	10.63	217.26	6,013.3	-754.2	-573.7	1,303,196.31	3,161,212.70	40° 9' 51.227 N	104° 55' 23.386 W	
6,200.0	10.63	217.26	6,111.6	-768.9	-584.9	1,303,181.55	3,161,201.63	40° 9' 51.082 N	104° 55' 23.530 W	
6,300.0	10.63	217.26	6,209.9	-783.6	-596.1	1,303,166.79	3,161,190.55	40° 9' 50.936 N	104° 55' 23.674 W	
6,400.0	10.63	217.26	6,308.2	-798.2	-607.2	1,303,152.03	3,161,179.47	40° 9' 50.791 N	104° 55' 23.818 W	
6,500.0	10.63	217.26	6,406.5	-812.9	-618.4	1,303,137.27	3,161,168.40	40° 9' 50.646 N	104° 55' 23.962 W	
6,551.7	10.63	217.26	6,457.3	-820.5	-624.2	1,303,129.63	3,161,162.66	40° 9' 50.571 N	104° 55' 24.036 W	
6,600.0	9.67	217.26	6,504.8	-827.3	-629.3	1,303,122.83	3,161,157.56	40° 9' 50.504 N	104° 55' 24.103 W	
6,700.0	7.67	217.26	6,603.7	-839.3	-638.5	1,303,110.78	3,161,148.51	40° 9' 50.386 N	104° 55' 24.220 W	
6,800.0	5.67	217.26	6,703.0	-848.5	-645.5	1,303,101.49	3,161,141.54	40° 9' 50.294 N	104° 55' 24.311 W	
6,900.0	3.67	217.26	6,802.7	-855.0	-650.4	1,303,094.98	3,161,136.66	40° 9' 50.230 N	104° 55' 24.374 W	
7,000.0	1.67	217.26	6,902.5	-858.7	-653.2	1,303,091.25	3,161,133.86	40° 9' 50.194 N	104° 55' 24.411 W	
7,083.5	0.00	0.00	6,986.0	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,100.0	0.00	0.00	7,002.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,200.0	0.00	0.00	7,102.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,300.0	0.00	0.00	7,202.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,400.0	0.00	0.00	7,302.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,500.0	0.00	0.00	7,402.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,600.0	0.00	0.00	7,502.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,700.0	0.00	0.00	7,602.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,800.0	0.00	0.00	7,702.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
7,900.0	0.00	0.00	7,802.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
8,000.0	0.00	0.00	7,902.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
8,100.0	0.00	0.00	8,002.5	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	
8,118.5	0.00	0.00	8,021.0	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	

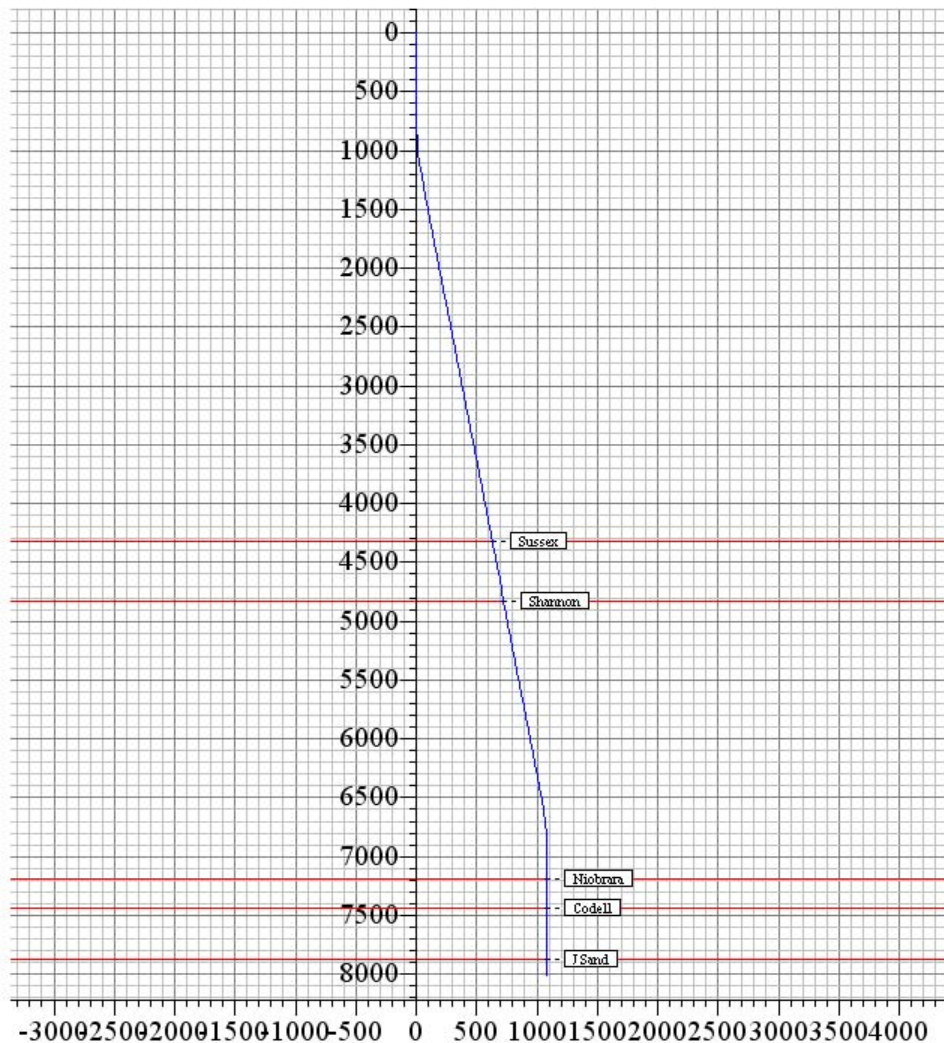
Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
McCoy 0-6-5 - plan hits target - Point	0.00	0.00	8,021.0	-859.7	-654.0	1,303,090.28	3,161,133.13	40° 9' 50.184 N	104° 55' 24.420 W	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,383.2	4,326.0	Sussex		0.00		
4,891.9	4,826.0	Shannon		0.00		
7,283.5	7,186.0	Niobrara		0.00		
7,533.5	7,436.0	Codell		0.00		
7,968.5	7,871.0	J Sand		0.00		

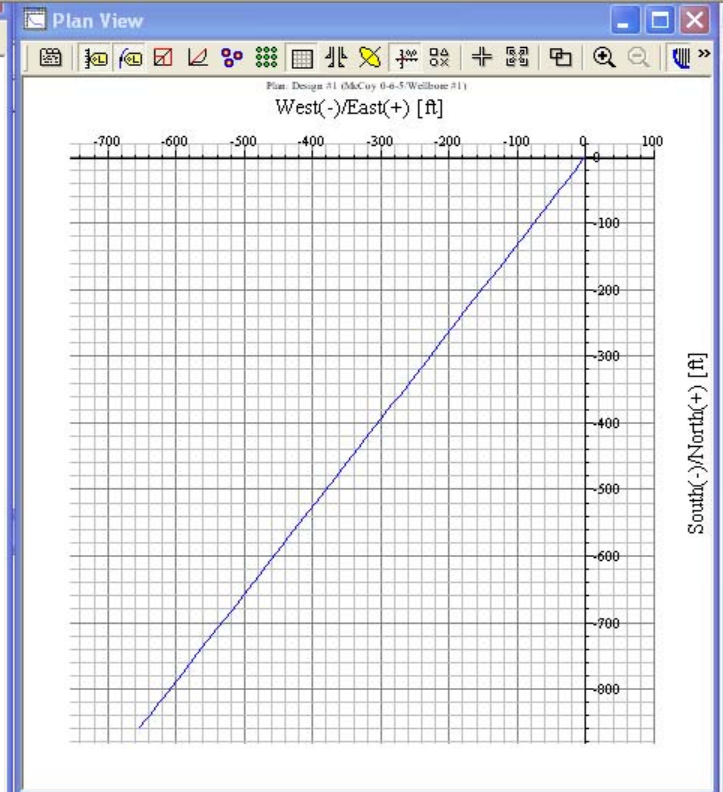
EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well McCoy 0-6-5
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4961.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4961.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	McCoy 0-6-5	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

True Vertical Depth [ft]



Vertical Section at 217.26° [ft]



Design Formation Top Editor - McCoy 0-6-5/Wellbore #1/Desi...

	MD (ft)	TVD WH (ft)	TVD Sys (ft)	TVD Path (ft)	Name	Lithology
1	4383.2	4326.0	-635.0	4326.0	Sussex	(none)
2	4891.9	4826.0	-135.0	4826.0	Shannon	(none)
3	7283.5	7186.0	2225.0	7186.0	Niobrara	(none)
4	7533.5	7436.0	2475.0	7436.0	Codell	(none)
5	7968.5	7871.0	2910.0	7871.0	J Sand	(none)
6						

Surface location: 2184' FSL, 686' FWL
Bottomhole location: 1320' FSL, 50' FWL

EnCana Oil & Gas (USA) Inc.
McCoy 0-6-5