

**EnCana Corporation**  
Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Woolley 22-7
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 5072.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5072.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Woolley 22-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Woolley 22-7		

<b>Project</b>	Wattenberg,		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	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	Woolley 22-7					
Well Position	+N/-S	16,632.2 ft	Northing:	1,269,111.19 ft	Latitude:	40° 4' 16.392 N
	+E/-W	5,617.8 ft	Easting:	3,126,160.80 ft	Longitude:	105° 2' 57.120 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	5,059.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	12/31/2009	9.14	66.79	53,098

<b>Design</b>	Woolley 22-7				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE		<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	165.70	

<b>Plan Sections</b>										
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	
870.0	0.00	0.00	870.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,635.0	15.30	165.70	1,626.0	-98.4	25.1	2.00	2.00	0.00	165.70	
6,663.3	15.30	165.70	6,476.0	-1,384.2	352.8	0.00	0.00	0.00	0.00	
7,428.4	0.00	0.00	7,232.0	-1,482.6	377.8	2.00	-2.00	0.00	180.00	
8,578.4	0.00	0.00	8,382.0	-1,482.6	377.8	0.00	0.00	0.00	0.00	Woolley 22-7

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<b>Well:</b>	Woolley 22-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Woolley 22-7		

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	1,269,111.19	3,126,160.80	40° 4' 16.392 N	105° 2' 57.120 W	
820.0	0.00	0.00	820.0	0.0	0.0	1,269,111.19	3,126,160.80	40° 4' 16.392 N	105° 2' 57.120 W	
Surface										
870.0	0.00	0.00	870.0	0.0	0.0	1,269,111.19	3,126,160.80	40° 4' 16.392 N	105° 2' 57.120 W	
1,635.0	15.30	165.70	1,626.0	-98.4	25.1	1,269,012.92	3,126,186.38	40° 4' 15.419 N	105° 2' 56.797 W	
4,627.1	15.30	165.70	4,512.0	-863.5	220.1	1,268,248.81	3,126,385.26	40° 4' 7.858 N	105° 2' 54.289 W	
Sussex										
5,238.8	15.30	165.70	5,102.0	-1,019.9	259.9	1,268,092.60	3,126,425.91	40° 4' 6.312 N	105° 2' 53.777 W	
Shannon										
6,663.3	15.30	165.70	6,476.0	-1,384.2	352.8	1,267,728.81	3,126,520.59	40° 4' 2.712 N	105° 2' 52.583 W	
7,428.4	0.00	0.00	7,232.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
7,668.4	0.00	0.00	7,472.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
Niobrara										
8,000.4	0.00	0.00	7,804.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
Codell										
8,428.4	0.00	0.00	8,232.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
J Sand										
8,478.4	0.00	0.00	8,282.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
A Marker										
8,578.4	0.00	0.00	8,382.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
Production - Woolley 22-7										

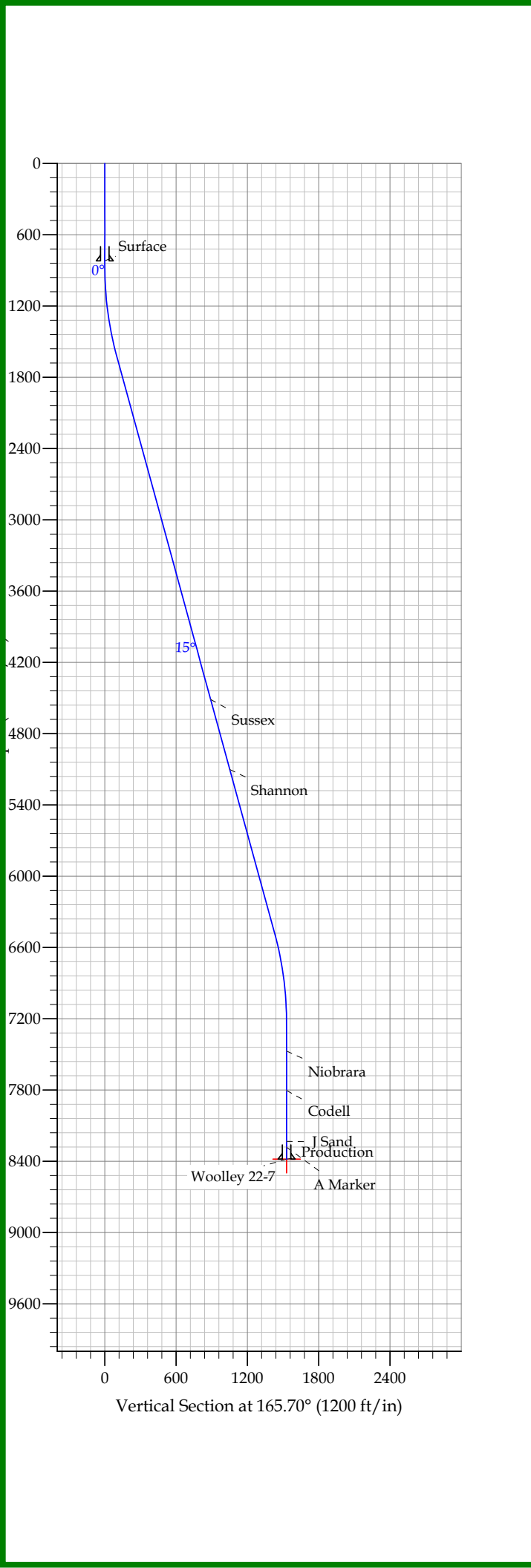
Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Woolley 22-7	0.00	0.00	8,382.0	-1,482.6	377.8	1,267,630.53	3,126,546.17	40° 4' 1.740 N	105° 2' 52.260 W	
- plan hits target										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
820.0	820.0	Surface	8.625	12.250	
8,578.4	8,382.0	Production	4.500	7.785	

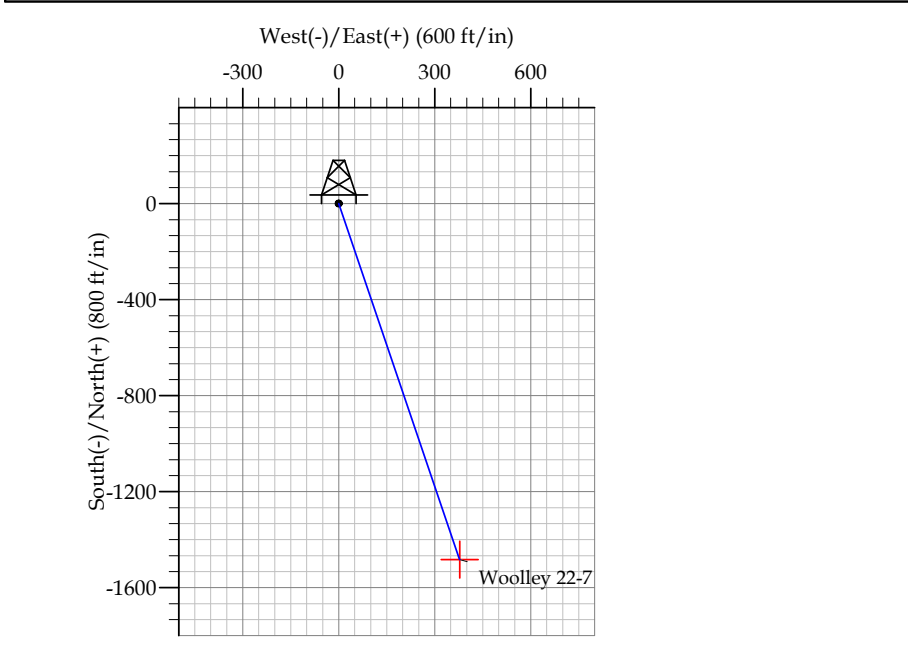
Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,627.1	4,512.0	Sussex		0.00		
5,238.8	5,102.0	Shannon		0.00		
7,668.4	7,472.0	Niobrara		0.00		
8,000.4	7,804.0	Codell		0.00		
8,428.4	8,232.0	J Sand		0.00		
8,478.4	8,282.0	A Marker		0.00		

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<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5072.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Woolley 22-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Woolley 22-7		



REFERENCE INFORMATION										
Co-ordinate (N/E) Reference: Well Woolley 22-7, True North										
Vertical (TVD) Reference: WELL @ 5072.0ft (Original Well Elev)										
Section (VS) Reference: Slot - (0.0N, 0.0E)										
Measured Depth Reference: WELL @ 5072.0ft (Original Well Elev)										
Calculation Method:										
WELL DETAILS: Woolley 22-7										
+N/-S	+E/-W	Northing	Ground Level: 5059.0		Easting		Latitude	Longitude		Slot
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	Woolley 22-7
2	870.0	0.00	0.00	870.0	0.0	0.0	0.00	0.00	0.0	
3	1635.0	15.30	165.70	1626.0	-98.4	25.1	2.00	165.70	101.5	
4	6663.3	15.30	165.70	6476.0	-1384.2	352.8	0.00	0.00	1428.4	
5	7428.4	0.00	0.00	7232.0	-1482.6	377.8	2.00	180.00	1530.0	
6	8578.4	0.00	0.00	8382.0	-1482.6	377.8	0.00	0.00	1530.0	



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4512.0	4627.1	Sussex
5102.0	5238.8	Shannon
7472.0	7668.4	Niobrara
7804.0	8000.4	Codell
8232.0	8428.4	J Sand
8282.0	8478.4	A Marker
CASING DETAILS		
TVD	MD	Name Size
820.0	820.0	Surface 8.625
8382.0	8578.4	Production 4.500