

EnCana Corporation

Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Hermann 12-25
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 5186.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 5186.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Hermann 12-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Hermann 12-25		

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:	1,278,589.08ft	Latitude:	40° 5' 49.848 N
From:	Lat/Long	Easting:	3,130,247.44ft	Longitude:	105° 2' 3.912 W
Position Uncertainty:	ft	Slot Radius:	in	Grid Convergence:	0.30 °

Well	Hermann 12-25					
Well Position	+N-S	-26,102.4 ft	Northing:	1,252,439.72 ft	Latitude:	40° 1' 31.908 N
	+E-W	-9,746.7 ft	Easting:	3,120,627.71 ft	Longitude:	105° 4' 9.336 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	5,173.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	9.15	66.75	53,071

Design	Hermann 12-25				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	234.08	

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	
750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,301.7	11.03	234.08	1,298.3	-31.1	-42.9	2.00	2.00	0.00	234.08	
6,945.4	11.03	234.08	6,837.7	-664.7	-917.7	0.00	0.00	0.00	0.00	
7,497.1	0.00	0.00	7,386.0	-695.7	-960.6	2.00	-2.00	0.00	180.00	
8,697.1	0.00	0.00	8,586.0	-695.7	-960.6	0.00	0.00	0.00	0.00	Hermann 12-25

EnCana Corporation

Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Hermann 12-25
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 5186.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 5186.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Hermann 12-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Hermann 12-25		

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	1,252,439.72	3,120,627.71	40° 1' 31.908 N	105° 4' 9.336 W	
700.0	0.00	0.00	700.0	0.0	0.0	1,252,439.72	3,120,627.71	40° 1' 31.908 N	105° 4' 9.336 W	
Surface										
750.0	0.00	0.00	750.0	0.0	0.0	1,252,439.72	3,120,627.71	40° 1' 31.908 N	105° 4' 9.336 W	
1,301.7	11.03	234.08	1,298.3	-31.1	-42.9	1,252,408.45	3,120,584.97	40° 1' 31.601 N	105° 4' 9.887 W	
4,781.7	11.03	234.08	4,714.0	-421.8	-582.3	1,252,015.14	3,120,047.45	40° 1' 27.740 N	105° 4' 16.821 W	
Sussex										
5,395.1	11.03	234.08	5,316.0	-490.6	-677.4	1,251,945.82	3,119,952.71	40° 1' 27.059 N	105° 4' 18.044 W	
Shannon										
6,945.4	11.03	234.08	6,837.7	-664.7	-917.7	1,251,770.60	3,119,713.25	40° 1' 25.339 N	105° 4' 21.133 W	
7,497.1	0.00	0.00	7,386.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
7,687.1	0.00	0.00	7,576.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
Niobrara										
8,119.1	0.00	0.00	8,008.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
Codell										
8,547.1	0.00	0.00	8,436.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
J Sand										
8,599.1	0.00	0.00	8,488.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
A Marker										
8,697.1	0.00	0.00	8,586.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
Production - Hermann 12-25										

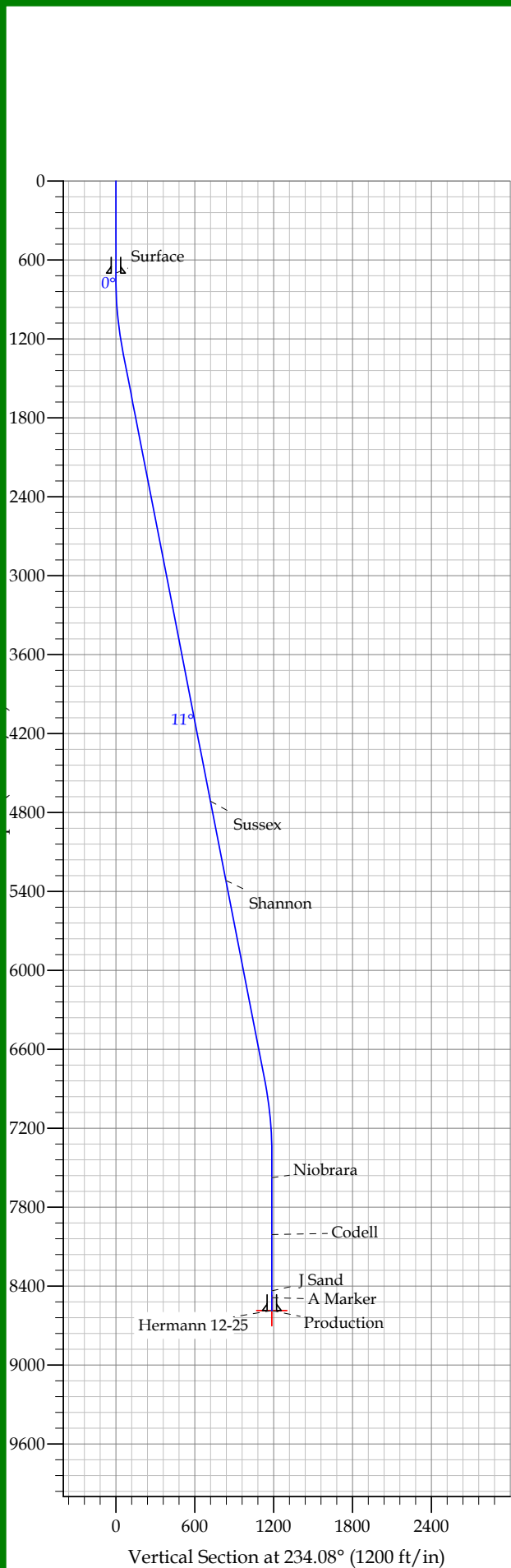
Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Hermann 12-25	0.00	0.00	8,586.0	-695.7	-960.6	1,251,739.33	3,119,670.51	40° 1' 25.032 N	105° 4' 21.684 W	
- plan hits target										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
700.0	700.0	Surface	8.625	12.250	
8,697.1	8,586.0	Production	4.500	7.785	

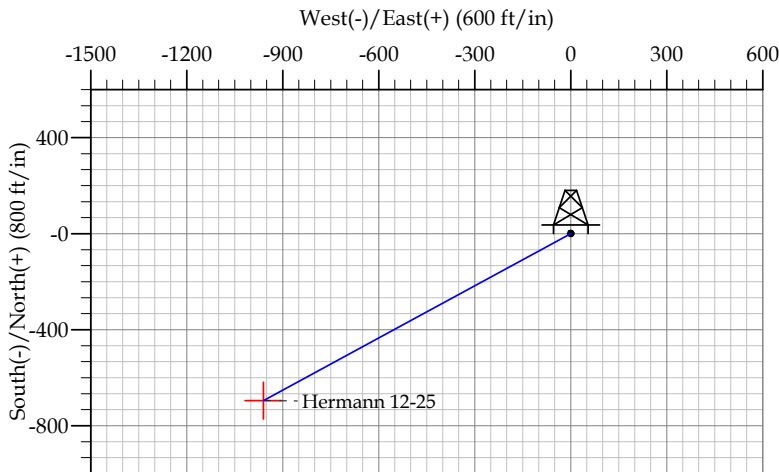
Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,781.7	4,714.0	Sussex		0.00		
5,395.1	5,316.0	Shannon		0.00		
7,687.1	7,576.0	Niobrara		0.00		
8,119.1	8,008.0	Codell		0.00		
8,547.1	8,436.0	J Sand		0.00		
8,599.1	8,488.0	A Marker		0.00		

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Hermann 12-25
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 5186.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 5186.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Hermann 12-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Hermann 12-25		



REFERENCE INFORMATION										
Co-ordinate (N/E) Reference: Well Hermann 12-25, True North										
Vertical (TVD) Reference: WELL @ 5186.0ft (Original Well Elev)										
Section (VS) Reference: Slot - (0.0N, 0.0E)										
Measured Depth Reference: WELL @ 5186.0ft (Original Well Elev)										
Calculation Method:										
WELL DETAILS: Hermann 12-25										
		+N/-S	+E/-W	Northing	Ground Level: 5173.0		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	
2	750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.0	
3	1301.7	11.03	234.08	1298.3	-31.1	-42.9	2.00	234.08	53.0	
4	6945.4	11.03	234.08	6837.7	-664.7	-917.7	0.00	0.00	1133.1	
5	7497.1	0.00	0.00	7386.0	-695.7	-960.6	2.00	180.00	1186.1	
6	8697.1	0.00	0.00	8586.0	-695.7	-960.6	0.00	0.00	1186.1	Hermann 12-25



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4714.0	4781.7	Sussex
5316.0	5395.1	Shannon
7576.0	7687.1	Niobrara
8008.0	8119.1	Codell
8436.0	8547.1	J Sand
8488.0	8599.1	A Marker
CASING DETAILS		
TVD	MD	Name Size
700.0	700.0	Surface 8.625
8586.0	8697.1	Production 4.500