

EnCana Corporation

Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Holly 11-25
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:	Holly 11-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Holly 11-25		

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	Holly 11-25					
Well Position	+N-S	-26,091.4 ft	Northing:	1,252,450.65 ft	Latitude:	40° 1' 32.016 N
	+E-W	-9,746.7 ft	Easting:	3,120,627.66 ft	Longitude:	105° 4' 9.336 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	5,173.0ft

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	Holly 11-25				
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	313.39	

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	
1,374.6	12.49	313.39	1,369.6	46.6	-49.3	2.00	2.00	0.00	313.39	
6,876.5	12.49	313.39	6,741.4	864.1	-914.1	0.00	0.00	0.00	0.00	
7,501.1	0.00	0.00	7,361.0	910.7	-963.3	2.00	-2.00	0.00	180.00	
8,701.1	0.00	0.00	8,561.0	910.7	-963.3	0.00	0.00	0.00	0.00	Holly 11-25

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Design:	Holly 11-25		

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	1,252,450.65	3,120,627.66	40° 1' 32.016 N	105° 4' 9.336 W	
700.0	0.00	0.00	700.0	0.0	0.0	1,252,450.65	3,120,627.66	40° 1' 32.016 N	105° 4' 9.336 W	
Surface										
750.0	0.00	0.00	750.0	0.0	0.0	1,252,450.65	3,120,627.66	40° 1' 32.016 N	105° 4' 9.336 W	
1,374.6	12.49	313.39	1,369.6	46.6	-49.3	1,252,497.00	3,120,578.15	40° 1' 32.476 N	105° 4' 9.969 W	
4,772.4	12.49	313.39	4,687.0	551.5	-583.3	1,252,999.28	3,120,041.66	40° 1' 37.466 N	105° 4' 16.835 W	
Sussex										
5,390.0	12.49	313.39	5,290.0	643.2	-680.4	1,253,090.58	3,119,944.14	40° 1' 38.373 N	105° 4' 18.083 W	
Shannon										
6,876.5	12.49	313.39	6,741.4	864.1	-914.1	1,253,310.33	3,119,709.42	40° 1' 40.556 N	105° 4' 21.086 W	
7,501.1	0.00	0.00	7,361.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
7,711.1	0.00	0.00	7,571.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
Niobrara										
8,149.1	0.00	0.00	8,009.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
Codell										
8,551.1	0.00	0.00	8,411.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
J Sand										
8,603.1	0.00	0.00	8,463.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
A Marker										
8,701.1	0.00	0.00	8,561.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
Production - Holly 11-25										

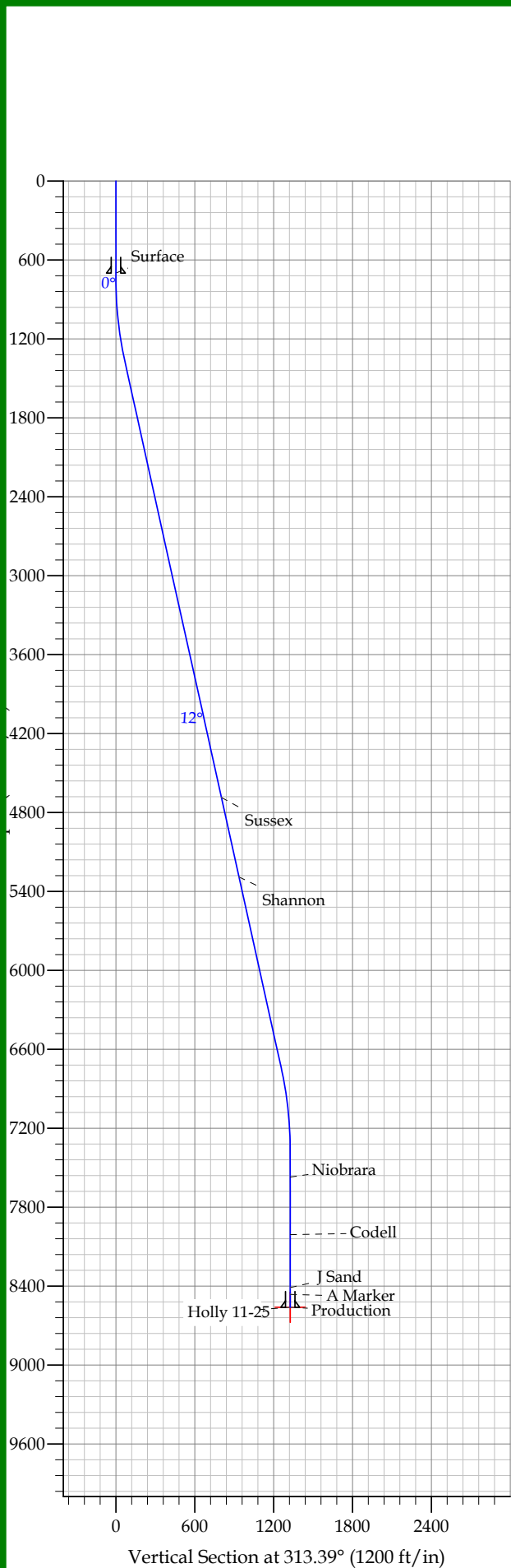
Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Holly 11-25	0.00	0.00	8,561.0	910.7	-963.3	1,253,356.68	3,119,659.91	40° 1' 41.016 N	105° 4' 21.720 W	
- plan hits 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	
8,701.1	8,561.0	Production	4.500	7.785	

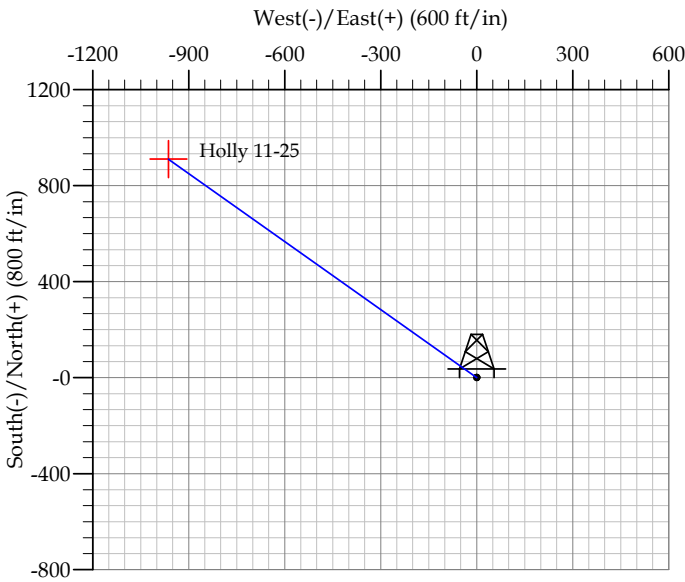
Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,772.4	4,687.0	Sussex		0.00		
5,390.0	5,290.0	Shannon		0.00		
7,711.1	7,571.0	Niobrara		0.00		
8,149.1	8,009.0	Codell		0.00		
8,551.1	8,411.0	J Sand		0.00		
8,603.1	8,463.0	A Marker		0.00		

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Wellbore:	Wellbore #1		
Design:	Holly 11-25		



REFERENCE INFORMATION											
Co-ordinate (N/E) Reference: Well Holly 11-25, 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: Holly 11-25											
+N/-S		+E/-W		Northing		Ground Level: 5173.0 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		
2	750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.0		
3	1374.6	12.49	313.39	1369.6	46.6	-49.3	2.00	313.39	67.8		
4	6876.5	12.49	313.39	6741.4	864.1	-914.1	0.00	0.00	1257.9		
5	7501.1	0.00	0.00	7361.0	910.7	-963.3	2.00	180.00	1325.7		
6	8701.1	0.00	0.00	8561.0	910.7	-963.3	0.00	0.00	1325.7	Holly 11-25	



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4687.0	4772.4	Sussex
5290.0	5390.0	Shannon
7571.0	7711.1	Niobrara
8009.0	8149.1	Codell
8411.0	8551.1	J Sand
8463.0	8603.1	A Marker
CASING DETAILS		
TVD	MD	Name Size
700.0	700.0	Surface 8.625
8561.0	8701.1	Production 4.500