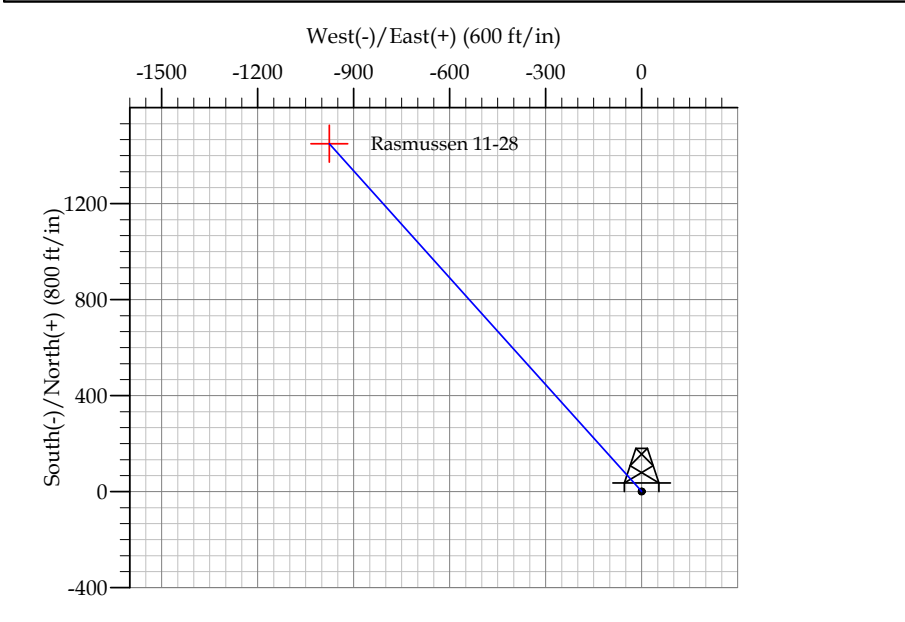


REFERENCE INFORMATION										
Co-ordinate (N/E) Reference: Well Rasmussen 11-28, True North										
Vertical (TVD) Reference: WELL @ 4947.0ft (Original Well Elev)										
Section (VS) Reference: Slot - (0.0N, 0.0E)										
Measured Depth Reference: WELL @ 4947.0ft (Original Well Elev)										
Calculation Method:										
WELL DETAILS: Rasmussen 11-28										
+N/-S	+E/-W	Northing	Ground Level: 4934.0		Latitude		Longitude		Slot	
0.0	0.0	1283840.13	Easting	3136664.15	40° 6'	41.400 N	05° 0'	40.968 W		
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	850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.0	
3	1758.4	18.17	326.05	1743.3	118.5	-79.8	2.00	326.05	142.8	
4	6447.7	18.17	326.05	6198.7	1331.4	-896.3	0.00	0.00	1605.0	
5	7356.1	0.00	0.00	7092.0	1449.9	-976.1	2.00	180.00	1747.8	
6	8406.1	0.00	0.00	8142.0	1449.9	-976.1	0.00	0.00	1747.8	Rasmussen 11-28



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4404.0	4558.8	Sussex
4867.0	5046.1	Shannon
7347.0	7611.1	Niobrara
7589.0	7853.1	Codell
7992.0	8256.1	J Sand
8044.0	8308.1	A Marker
CASING DETAILS		
TVD	MD	Name Size
800.0	800.0	Surface 8.625
8142.0	8406.1	Production 4.500

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Rasmussen 11-28
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4947.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4947.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Rasmussen 11-28	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Rasmussen 11-28		

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		Rasmussen 11-28				
Well Position	+N/-S	31,300.7 ft	Northing:	1,283,840.13 ft	Latitude:	40° 6' 41.400 N
	+E/-W	16,209.2 ft	Easting:	3,136,664.15 ft	Longitude:	105° 0' 40.968 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	4,934.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	9.13	66.83	53,125

Design	Rasmussen 11-28				
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	326.05	

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	
850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,758.4	18.17	326.05	1,743.3	118.5	-79.8	2.00	2.00	0.00	326.05	
6,447.7	18.17	326.05	6,198.7	1,331.4	-896.3	0.00	0.00	0.00	0.00	
7,356.1	0.00	0.00	7,092.0	1,449.9	-976.1	2.00	-2.00	0.00	180.00	
8,406.1	0.00	0.00	8,142.0	1,449.9	-976.1	0.00	0.00	0.00	0.00	Rasmussen 11-28

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Rasmussen 11-28
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4947.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4947.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Rasmussen 11-28	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Rasmussen 11-28		

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	1,283,840.13	3,136,664.15	40° 6' 41.400 N	105° 0' 40.968 W	
800.0	0.00	0.00	800.0	0.0	0.0	1,283,840.13	3,136,664.15	40° 6' 41.400 N	105° 0' 40.968 W	
Surface										
850.0	0.00	0.00	850.0	0.0	0.0	1,283,840.13	3,136,664.15	40° 6' 41.400 N	105° 0' 40.968 W	
1,758.4	18.17	326.05	1,743.3	118.5	-79.8	1,283,958.17	3,136,583.73	40° 6' 42.571 N	105° 0' 41.995 W	
4,558.8	18.17	326.05	4,404.0	842.8	-567.4	1,284,679.80	3,136,092.12	40° 6' 49.729 N	105° 0' 48.271 W	
Sussex										
5,046.1	18.17	326.05	4,867.0	968.8	-652.3	1,284,805.37	3,136,006.57	40° 6' 50.974 N	105° 0' 49.364 W	
Shannon										
6,447.7	18.17	326.05	6,198.7	1,331.4	-896.3	1,285,166.55	3,135,760.51	40° 6' 54.557 N	105° 0' 52.505 W	
7,356.1	0.00	0.00	7,092.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
7,611.1	0.00	0.00	7,347.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
Niobrara										
7,853.1	0.00	0.00	7,589.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
Codell										
8,256.1	0.00	0.00	7,992.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
J Sand										
8,308.1	0.00	0.00	8,044.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
A Marker										
8,406.1	0.00	0.00	8,142.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
Production - Rasmussen 11-28										

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										
Rasmussen 11-28	0.00	0.00	8,142.0	1,449.9	-976.1	1,285,284.59	3,135,680.09	40° 6' 55.728 N	105° 0' 53.532 W	
- plan hits target										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)		
800.0	800.0	Surface	8.625	12.250		
8,406.1	8,142.0	Production	4.500	7.785		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,558.8	4,404.0	Sussex		0.00		
5,046.1	4,867.0	Shannon		0.00		
7,611.1	7,347.0	Niobrara		0.00		
7,853.1	7,589.0	Codell		0.00		
8,256.1	7,992.0	J Sand		0.00		
8,308.1	8,044.0	A Marker		0.00		

EnCana Corporation
Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Rasmussen 11-28
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 4947.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 4947.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Rasmussen 11-28	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Rasmussen 11-28		