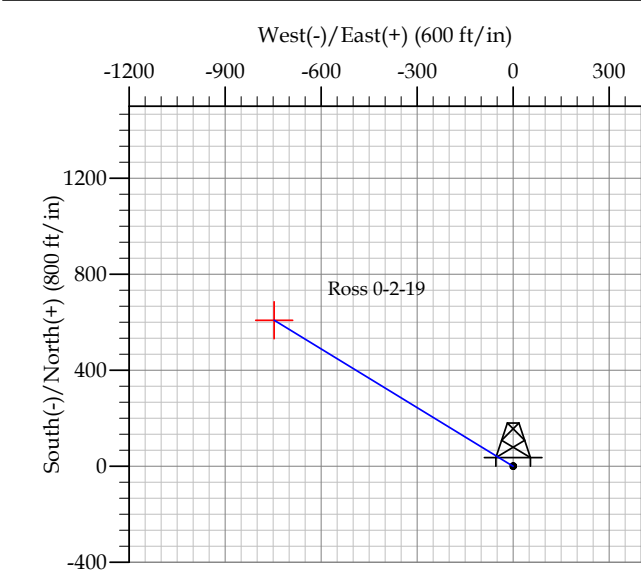


REFERENCE INFORMATION										
Co-ordinate (N/E) Reference: Well Ross 0-2-19, True North										
Vertical (TVD) Reference: WELL @ 5001.0ft (Original Well Elev)										
Section (VS) Reference: Slot - (0.0N, 0.0E)										
Measured Depth Reference: WELL @ 5001.0ft (Original Well Elev)										
Calculation Method:										
WELL DETAILS: Ross 0-2-19										
Ground Level: 4988.0										
+N/-S	+E/-W	Northing	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	850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.0	
3	1330.7	9.61	309.17	1328.4	25.4	-31.2	2.00	309.17	40.2	
4	6616.1	9.61	309.17	6539.6	583.0	-715.4	0.00	0.00	922.9	
5	7096.7	0.00	0.00	7018.0	608.4	-746.6	2.00	180.00	963.1	
6	8196.7	0.00	0.00	8118.0	608.4	-746.6	0.00	0.00	963.1	Ross 0-2-19



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4216.0	4259.4	Sussex
4736.0	4786.8	Shannon
7236.0	7314.7	Niobrara
7524.0	7602.7	Codell
7968.0	8046.7	J Sand
8026.0	8104.7	A Marker
CASING DETAILS		
TVD	MD	Name Size
800.0	800.0	Surface 8.625
8118.0	8196.7	Production 4.500

EnCana Corporation

Planning Report - Geographic

Database:	EDM	Local Co-ordinate Reference:	Well Ross 0-2-19
Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 5001.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 5001.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Ross 0-2-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Ross 0-2-19		

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

Well	Ross 0-2-19					
Well Position	+N-S	36,503.8 ft	Northing:	1,288,977.59 ft	Latitude:	40° 7' 32.772 N
	+E-W	4,688.0 ft	Easting:	3,125,131.40 ft	Longitude:	105° 3' 9.072 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	4,988.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	9.15	66.84	53,127

Design	Ross 0-2-19				
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	309.17	

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	
1,330.7	9.61	309.17	1,328.4	25.4	-31.2	2.00	2.00	0.00	309.17	
6,616.1	9.61	309.17	6,539.6	583.0	-715.4	0.00	0.00	0.00	0.00	
7,096.7	0.00	0.00	7,018.0	608.4	-746.6	2.00	-2.00	0.00	180.00	
8,196.7	0.00	0.00	8,118.0	608.4	-746.6	0.00	0.00	0.00	0.00	Ross 0-2-19

EnCana Corporation

Planning Report - Geographic

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Company:	DJ/Paradox/WTX	TVD Reference:	WELL @ 5001.0ft (Original Well Elev)
Project:	Wattenberg	MD Reference:	WELL @ 5001.0ft (Original Well Elev)
Site:	New Drills	North Reference:	True
Well:	Ross 0-2-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Ross 0-2-19		

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	1,288,977.59	3,125,131.40	40° 7' 32.772 N	105° 3' 9.072 W	
800.0	0.00	0.00	800.0	0.0	0.0	1,288,977.59	3,125,131.40	40° 7' 32.772 N	105° 3' 9.072 W	
Surface										
850.0	0.00	0.00	850.0	0.0	0.0	1,288,977.59	3,125,131.40	40° 7' 32.772 N	105° 3' 9.072 W	
1,330.7	9.61	309.17	1,328.4	25.4	-31.2	1,289,002.84	3,125,100.09	40° 7' 33.023 N	105° 3' 9.473 W	
4,259.4	9.61	309.17	4,216.0	334.4	-410.3	1,289,309.87	3,124,719.39	40° 7' 36.076 N	105° 3' 14.355 W	
Sussex										
4,786.8	9.61	309.17	4,736.0	390.0	-478.6	1,289,365.16	3,124,650.83	40° 7' 36.626 N	105° 3' 15.234 W	
Shannon										
6,616.1	9.61	309.17	6,539.6	583.0	-715.4	1,289,556.93	3,124,413.04	40° 7' 38.533 N	105° 3' 18.283 W	
7,096.7	0.00	0.00	7,018.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
7,314.7	0.00	0.00	7,236.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
Niobrara										
7,602.7	0.00	0.00	7,524.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
Codell										
8,046.7	0.00	0.00	7,968.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
J Sand										
8,104.7	0.00	0.00	8,026.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
A Marker										
8,196.7	0.00	0.00	8,118.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 W	
Production - Ross 0-2-19										

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										
Ross 0-2-19	0.00	0.00	8,118.0	608.4	-746.6	1,289,582.18	3,124,381.73	40° 7' 38.784 N	105° 3' 18.684 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	
8,196.7	8,118.0	Production	4.500	7.785	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,259.4	4,216.0	Sussex		0.00		
4,786.8	4,736.0	Shannon		0.00		
7,314.7	7,236.0	Niobrara		0.00		
7,602.7	7,524.0	Codell		0.00		
8,046.7	7,968.0	J Sand		0.00		
8,104.7	8,026.0	A Marker		0.00		

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