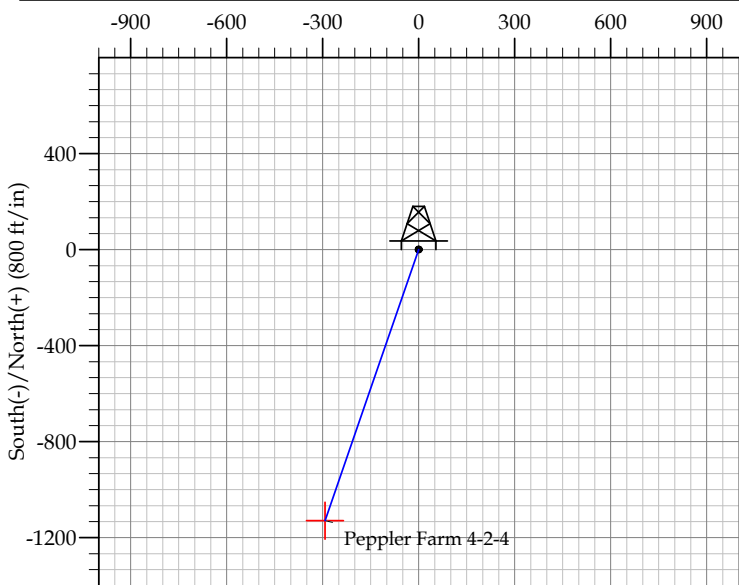


REFERENCE INFORMATION											
Co-ordinate (N/E) Reference: Well Peppler Farm 4-2-4, True North											
Vertical (TVD) Reference: WELL @ 5081.0ft (Original Well Elev)											
Section (VS) Reference: Slot - (0.0N, 0.0E)											
Measured Depth Reference: WELL @ 5081.0ft (Original Well Elev)											
Calculation Method:											
WELL DETAILS: Peppler Farm 4-2-4											
+N/-S		+E/-W		Northing		Ground Level: 5068.0		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	1344.2	11.88	194.55	1340.0	-59.4	-15.4	2.00	194.55	61.4		
4	6412.9	11.88	194.55	6300.0	-1069.8	-277.6	0.00	0.00	1105.3		
5	7007.2	0.00	0.00	6890.0	-1129.3	-293.0	2.00	180.00	1166.7		
6	8007.2	0.00	0.00	7890.0	-1129.3	-293.0	0.00	0.00	1166.7	Peppler Farm 4-2-4	



FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
4081.0	4145.3	Sussex	
4487.0	4560.2	Shannon	
7101.0	7218.2	Niobrara	
7381.0	7498.2	Codell	
7740.0	7857.2	J Sand	
7795.0	7912.2	A Marker	
CASING DETAILS			
TVD	MD	Name	Size
700.0	700.0	Surface	8.625
7890.0	8007.2	Production	4.500

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Peppler Farm 4-2-4
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 5081.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5081.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Peppler Farm 4-2-4	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Peppler Farm 4-2-4		

<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:	1,278,589.08ft	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		Peppler Farm 4-2-4				
Well Position	+N/-S	59,974.3 ft	Northing:	1,338,605.15 ft	Latitude:	40° 15' 42.552 N
	+E/-W	7,696.1 ft	Easting:	3,137,609.87 ft	Longitude:	105° 0' 24.876 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	5,068.0 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	66.96	53,203

<b>Design</b>	Peppler Farm 4-2-4				
<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	194.55	

<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	
750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,344.2	11.88	194.55	1,340.0	-59.4	-15.4	2.00	2.00	0.00	194.55	
6,412.9	11.88	194.55	6,300.0	-1,069.8	-277.6	0.00	0.00	0.00	0.00	
7,007.2	0.00	0.00	6,890.0	-1,129.3	-293.0	2.00	-2.00	0.00	180.00	
8,007.2	0.00	0.00	7,890.0	-1,129.3	-293.0	0.00	0.00	0.00	0.00	Peppler Farm 4-2-4

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Peppler Farm 4-2-4
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 5081.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5081.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Peppler Farm 4-2-4	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Peppler Farm 4-2-4		

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	1,338,605.15	3,137,609.87	40° 15' 42.552 N	105° 0' 24.876 W	
700.0	0.00	0.00	700.0	0.0	0.0	1,338,605.15	3,137,609.87	40° 15' 42.552 N	105° 0' 24.876 W	
Surface										
750.0	0.00	0.00	750.0	0.0	0.0	1,338,605.15	3,137,609.87	40° 15' 42.552 N	105° 0' 24.876 W	
1,344.2	11.88	194.55	1,340.0	-59.4	-15.4	1,338,545.63	3,137,594.78	40° 15' 41.964 N	105° 0' 25.075 W	
4,145.3	11.88	194.55	4,081.0	-617.8	-160.3	1,337,986.46	3,137,452.99	40° 15' 36.447 N	105° 0' 26.944 W	
Sussex										
4,560.2	11.88	194.55	4,487.0	-700.5	-181.8	1,337,903.64	3,137,431.99	40° 15' 35.629 N	105° 0' 27.221 W	
Shannon										
6,412.9	11.88	194.55	6,300.0	-1,069.8	-277.6	1,337,533.79	3,137,338.21	40° 15' 31.979 N	105° 0' 28.457 W	
7,007.2	0.00	0.00	6,890.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
7,218.2	0.00	0.00	7,101.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
Niobrara										
7,498.2	0.00	0.00	7,381.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
Codell										
7,857.2	0.00	0.00	7,740.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
J Sand										
7,912.2	0.00	0.00	7,795.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
A Marker										
8,007.2	0.00	0.00	7,890.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 W	
Production - Peppler Farm 4-2-4										

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										
Peppler Farm 4-2-4	0.00	0.00	7,890.0	-1,129.3	-293.0	1,337,474.26	3,137,323.11	40° 15' 31.392 N	105° 0' 28.656 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	
8,007.2	7,890.0	Production	4.500	7.785	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,145.3	4,081.0	Sussex		0.00		
4,560.2	4,487.0	Shannon		0.00		
7,218.2	7,101.0	Niobrara		0.00		
7,498.2	7,381.0	Codell		0.00		
7,857.2	7,740.0	J Sand		0.00		
7,912.2	7,795.0	A Marker		0.00		