

**REFERENCE INFORMATION**

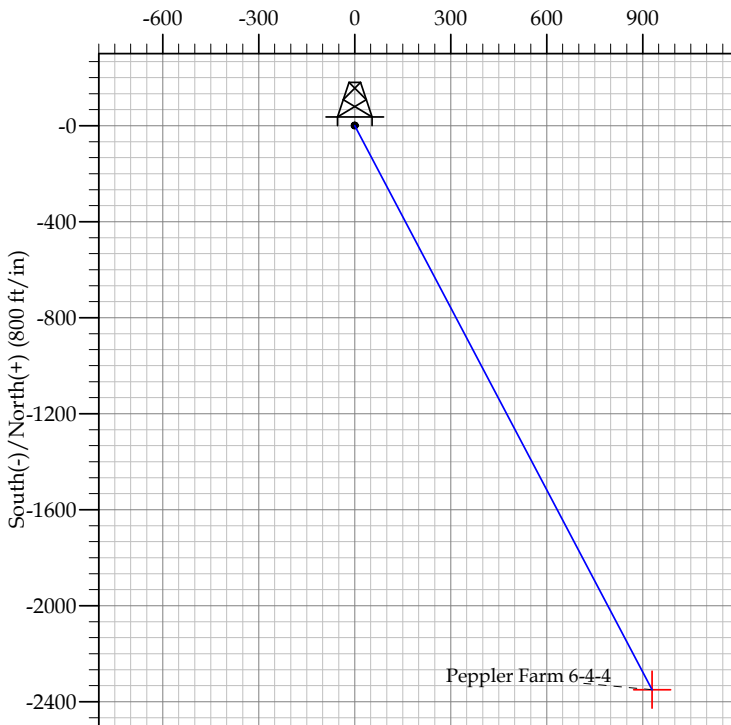
Co-ordinate (N/E) Reference: Well Peppler Farm 6-4-4, True North  
 Vertical (TVD) Reference: WELL @ 5083.0ft (Original Well Elev)  
 Section (VS) Reference: Slot - (0.0N, 0.0E)  
 Measured Depth Reference: WELL @ 5083.0ft (Original Well Elev)  
 Calculation Method:

**WELL DETAILS: Peppler Farm 6-4-4**

+N/-S	+E/-W	Northing	Ground Level: Easting	5070.0 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	2166.1	28.32	158.42	2109.2	-318.9	126.1	2.00	158.42	342.9	
4	6046.3	28.32	158.42	5524.8	-2030.7	803.3	0.00	0.00	2183.8	
5	7462.4	0.00	0.00	6884.0	-2349.6	929.4	2.00	180.00	2526.8	
6	8512.4	0.00	0.00	7934.0	-2349.6	929.4	0.00	0.00	2526.8	Peppler Farm 6-4-4

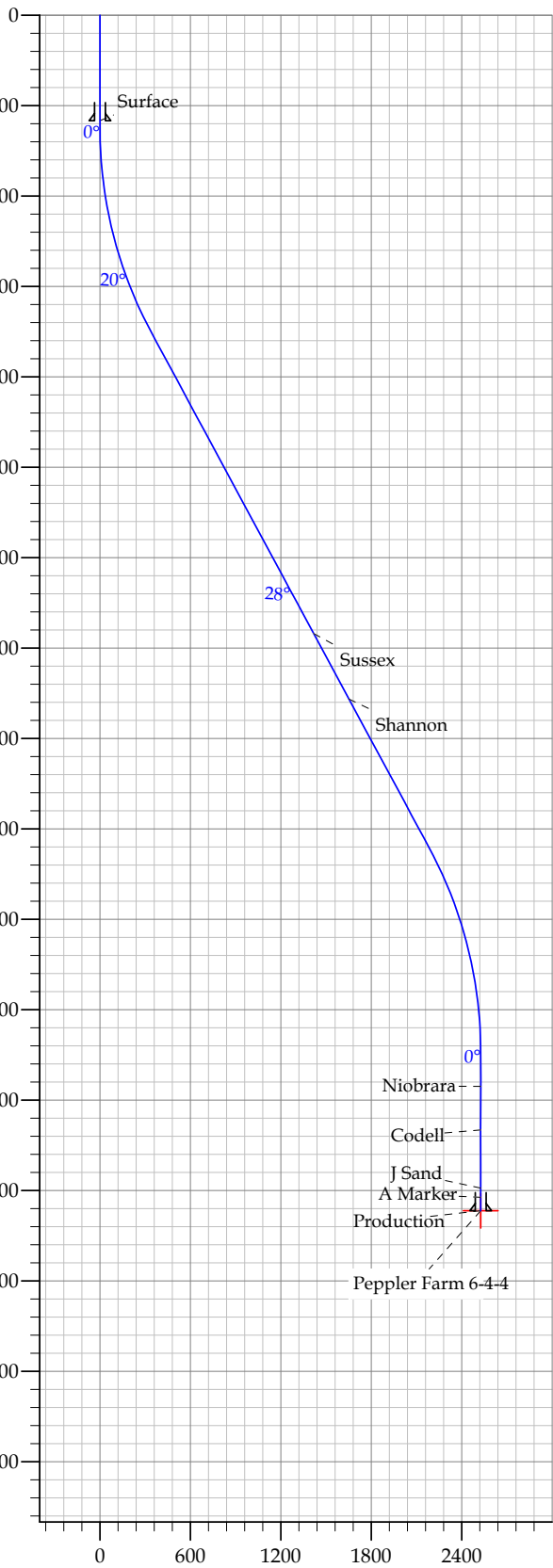


**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
4103.0	4431.1	Sussex
4538.0	4925.3	Shannon
7109.0	7687.4	Niobrara
7399.0	7977.4	Codell
7784.0	8362.4	J Sand
7845.0	8423.4	A Marker

**CASING DETAILS**

TVD	MD	Name	Size
700.0	700.0	Surface	8.625
7934.0	8512.4	Production	4.500



Vertical Section at 158.42° (1200 ft/in)

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Pepler Farm 6-4-4
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 5083.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5083.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Peppler Farm 6-4-4	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Peppler Farm 6-4-4		

<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		

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

<b>Well</b>	Peppler Farm 6-4-4					
<b>Well Position</b>	<b>+N-S</b>	59,974.3 ft	<b>Northing:</b>	1,338,605.26 ft	<b>Latitude:</b>	40° 15' 42.552 N
	<b>+E-W</b>	7,715.6 ft	<b>Easting:</b>	3,137,629.41 ft	<b>Longitude:</b>	105° 0' 24.624 W
<b>Position Uncertainty</b>		ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,070.0ft

<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 6-4-4				
<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	158.42	

<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	
2,166.1	28.32	158.42	2,109.2	-318.9	126.1	2.00	2.00	0.00	158.42	
6,046.3	28.32	158.42	5,524.8	-2,030.7	803.3	0.00	0.00	0.00	0.00	
7,462.4	0.00	0.00	6,884.0	-2,349.6	929.4	2.00	-2.00	0.00	180.00	
8,512.4	0.00	0.00	7,934.0	-2,349.6	929.4	0.00	0.00	0.00	0.00	Peppler Farm 6-4-4

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Pepler Farm 6-4-4
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 5083.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 5083.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Pepler Farm 6-4-4	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Pepler Farm 6-4-4		

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	1,338,605.26	3,137,629.41	40° 15' 42.552 N	105° 0' 24.624 W	
700.0	0.00	0.00	700.0	0.0	0.0	1,338,605.26	3,137,629.41	40° 15' 42.552 N	105° 0' 24.624 W	
<b>Surface</b>										
750.0	0.00	0.00	750.0	0.0	0.0	1,338,605.26	3,137,629.41	40° 15' 42.552 N	105° 0' 24.624 W	
2,166.1	28.32	158.42	2,109.2	-318.9	126.1	1,338,287.07	3,137,757.32	40° 15' 39.400 N	105° 0' 22.997 W	
4,431.1	28.32	158.42	4,103.0	-1,318.1	521.4	1,337,290.04	3,138,158.14	40° 15' 29.525 N	105° 0' 17.898 W	
<b>Sussex</b>										
4,925.3	28.32	158.42	4,538.0	-1,536.2	607.6	1,337,072.51	3,138,245.58	40° 15' 27.371 N	105° 0' 16.786 W	
<b>Shannon</b>										
6,046.3	28.32	158.42	5,524.8	-2,030.7	803.3	1,336,579.04	3,138,443.97	40° 15' 22.483 N	105° 0' 14.263 W	
7,462.4	0.00	0.00	6,884.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
7,687.4	0.00	0.00	7,109.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
<b>Niobrara</b>										
7,977.4	0.00	0.00	7,399.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
<b>Codell</b>										
8,362.4	0.00	0.00	7,784.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
<b>J Sand</b>										
8,423.4	0.00	0.00	7,845.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
<b>A Marker</b>										
8,512.4	0.00	0.00	7,934.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	
<b>Production - Pepler Farm 6-4-4</b>										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
Peppler Farm 6-4-4 - hit/miss target - Shape - Point	0.00	0.00	7,934.0	-2,349.6	929.4	1,336,260.84	3,138,571.88	40° 15' 19.332 N	105° 0' 12.636 W	

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)		
700.0	700.0	Surface	8.625	12.250		
8,512.4	7,934.0	Production	4.500	7.785		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,431.1	4,103.0	Sussex		0.00		
4,925.3	4,538.0	Shannon		0.00		
7,687.4	7,109.0	Niobrara		0.00		
7,977.4	7,399.0	Codell		0.00		
8,362.4	7,784.0	J Sand		0.00		
8,423.4	7,845.0	A Marker		0.00		