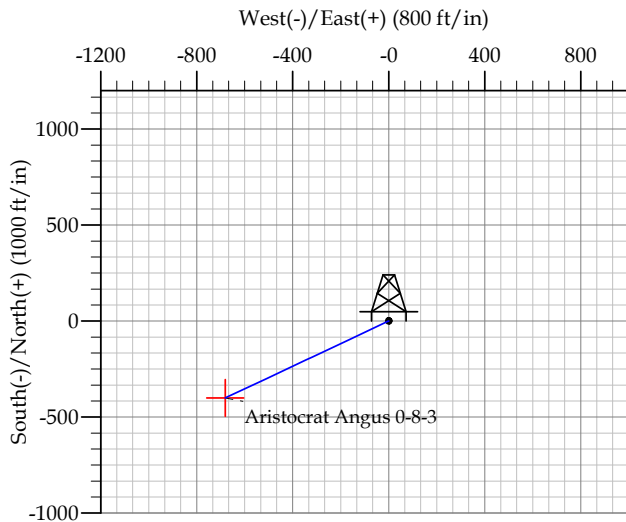


REFERENCE INFORMATION										
Co-ordinate (NE) Reference: Well Aristocrat Angus 0-8-3, True North										
Vertical (TVD) Reference: WELL @ 4819.0ft (Original Well Elev)										
Section (VS) Reference: Slot - (0.0N, 0.0E)										
Measured Depth Reference: WELL @ 4819.0ft (Original Well Elev)										
Calculation Method:										
WELL DETAILS: Aristocrat Angus 0-8-3										
+N/-S		+E/-W		Northing		Ground Level:		Slot		
0.0		0.0		1334428.86		Easting		Latitude		
						3235520.87		40° 14' 53.988 N		
								104° 39' 22.428 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	650.0	0.00	0.00	650.0	0.0	0.0	0.00	0.00	0.0	
3	1051.5	8.03	239.53	1050.2	-14.2	-24.2	2.00	239.53	28.1	
4	6305.6	8.03	239.53	6252.8	-386.5	-656.9	0.00	0.00	762.1	
5	6707.2	0.00	0.00	6653.0	-400.7	-681.1	2.00	180.00	790.2	
6	7407.2	0.00	0.00	7353.0	-400.7	-681.1	0.00	0.00	790.2	Aristocrat Angus 0-8-3



FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
4351.0	4385.0	Sussex	
6879.0	6933.2	Niobrara	
7141.0	7195.2	Codell	
7203.0	7257.2	Greenhorn	
CASING DETAILS			
TVD	MD	Name	Size
600.0	600.0	Surface	8.625
7353.0	7407.2	Production	4.500

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Aristocrat Angus 0-8-3
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 4819.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 4819.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Aristocrat Angus 0-8-3	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Aristocrat Angus 0-8-3		

<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		Aristocrat Angus 0-8-3				
Well Position	+N-S	54,835.7 ft	Northing:	1,334,428.86 ft	Latitude:	40° 14' 53.988 N
	+E-W	105,800.2 ft	Easting:	3,235,520.87 ft	Longitude:	104° 39' 22.428 W
Position Uncertainty		ft	Wellhead Elevation:	ft	Ground Level:	4,806.0 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	8.95	67.00	53,236

<b>Design</b>	Aristocrat Angus 0-8-3				
<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	239.53	

<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	
650.0	0.00	0.00	650.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,051.5	8.03	239.53	1,050.2	-14.2	-24.2	2.00	2.00	0.00	239.53	
6,305.6	8.03	239.53	6,252.8	-386.5	-656.9	0.00	0.00	0.00	0.00	
6,707.2	0.00	0.00	6,653.0	-400.7	-681.1	2.00	-2.00	0.00	180.00	
7,407.2	0.00	0.00	7,353.0	-400.7	-681.1	0.00	0.00	0.00	0.00	Aristocrat Angus 0-i

# EnCana Corporation

## Planning Report - Geographic

<b>Database:</b>	EDM	<b>Local Co-ordinate Reference:</b>	Well Aristocrat Angus 0-8-3
<b>Company:</b>	DJ/Paradox/WTX	<b>TVD Reference:</b>	WELL @ 4819.0ft (Original Well Elev)
<b>Project:</b>	Wattenberg	<b>MD Reference:</b>	WELL @ 4819.0ft (Original Well Elev)
<b>Site:</b>	New Drills	<b>North Reference:</b>	True
<b>Well:</b>	Aristocrat Angus 0-8-3	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Aristocrat Angus 0-8-3		

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	1,334,428.86	3,235,520.87	40° 14' 53.988 N	104° 39' 22.428 W
600.0	0.00	0.00	600.0	0.0	0.0	1,334,428.86	3,235,520.87	40° 14' 53.988 N	104° 39' 22.428 W
<b>Surface</b>									
650.0	0.00	0.00	650.0	0.0	0.0	1,334,428.86	3,235,520.87	40° 14' 53.988 N	104° 39' 22.428 W
1,051.5	8.03	239.53	1,050.2	-14.2	-24.2	1,334,414.39	3,235,496.79	40° 14' 53.847 N	104° 39' 22.740 W
4,385.0	8.03	239.53	4,351.0	-250.4	-425.6	1,334,174.43	3,235,097.66	40° 14' 51.513 N	104° 39' 27.917 W
<b>Sussex</b>									
6,305.6	8.03	239.53	6,252.8	-386.5	-656.9	1,334,036.18	3,234,867.70	40° 14' 50.169 N	104° 39' 30.900 W
6,707.2	0.00	0.00	6,653.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
6,933.2	0.00	0.00	6,879.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
<b>Niobrara</b>									
7,195.2	0.00	0.00	7,141.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
<b>Codell</b>									
7,257.2	0.00	0.00	7,203.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
<b>Greenhorn</b>									
7,407.2	0.00	0.00	7,353.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
<b>Production - Aristocrat Angus 0-8-3</b>									

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									
Aristocrat Angus 0-8-3	0.00	0.00	7,353.0	-400.7	-681.1	1,334,021.70	3,234,843.62	40° 14' 50.028 N	104° 39' 31.212 W
- plan hits target									
- Point									

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)		
600.0	600.0	Surface	8.625	12.250		
7,407.2	7,353.0	Production	4.500	7.785		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,385.0	4,351.0	Sussex		0.00		
6,933.2	6,879.0	Niobrara		0.00		
7,195.2	7,141.0	Codell		0.00		
7,257.2	7,203.0	Greenhorn		0.00		