



## **Bayswater**

**Windsor**

**Windsor LV 14H**

**Windsor LV 21-14**

**Windsor LV 21-14**

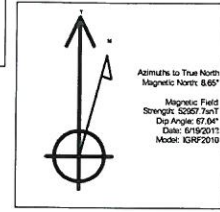
**Plan: Windsor LV 21-14**

## **Standard Planning Report**

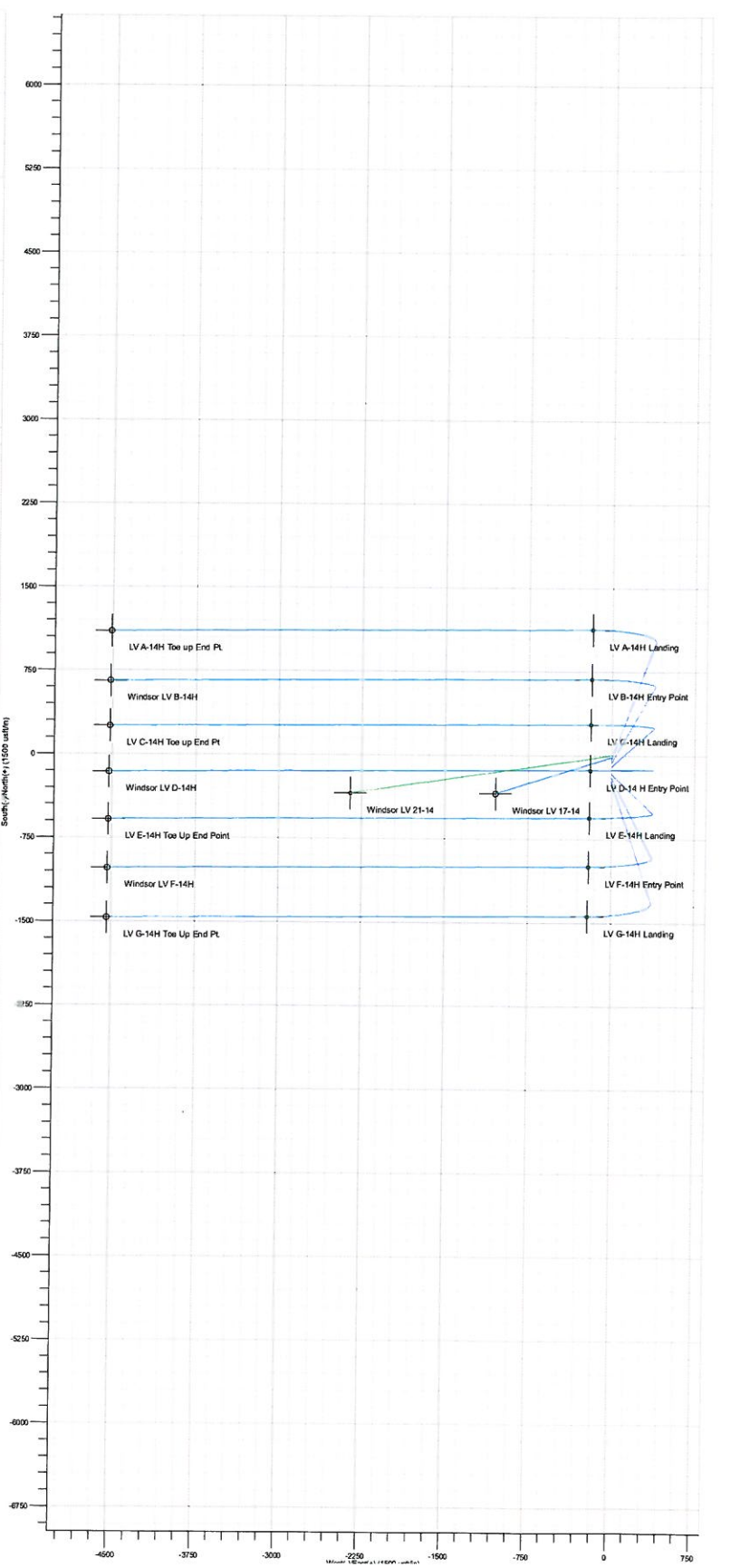
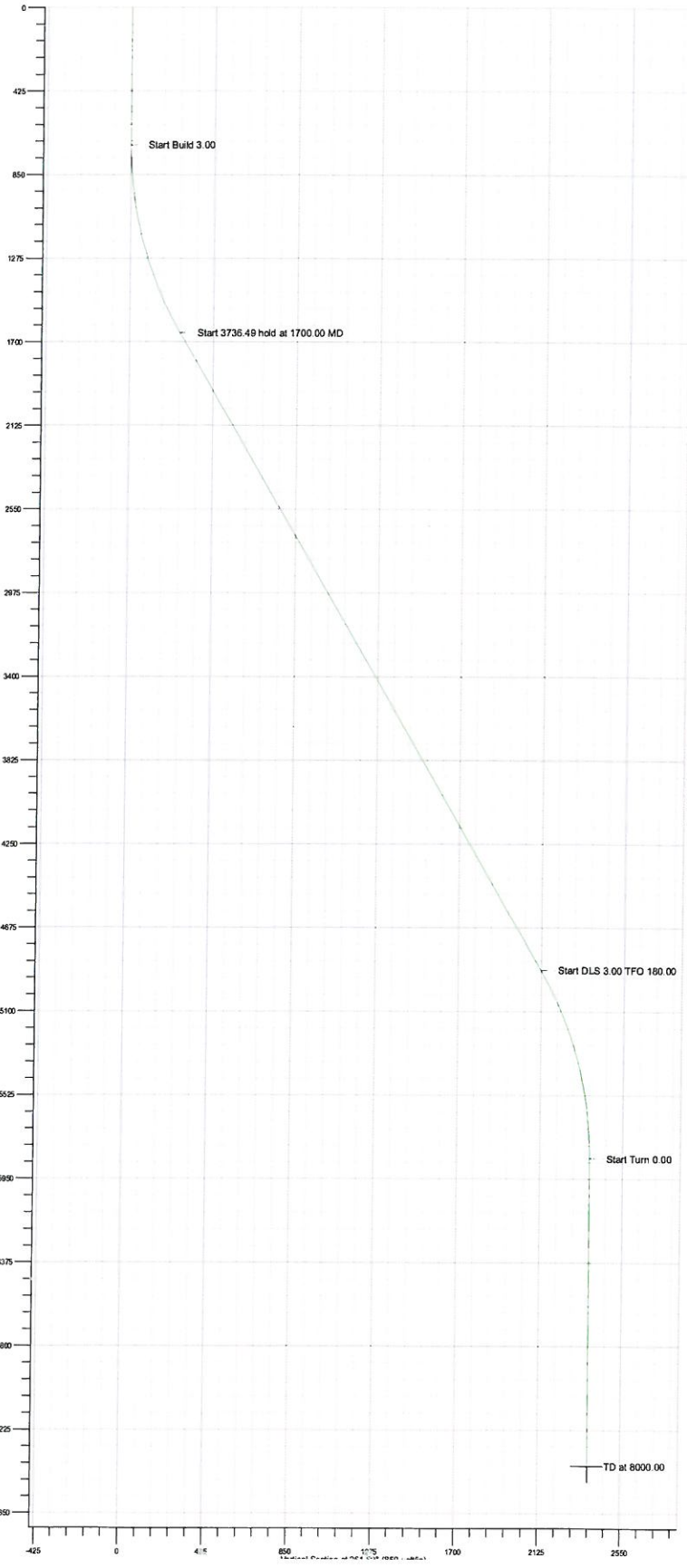
**22 July, 2013**

WELL DETAILS: Windsor LV 21-14											
+N-S		+E-W		Northing		Ground Level		4845.00		Slot	
0.00		0.00		1958695.740		Easting		Latitude		Longitude	
						3180209.343		40.491046		-104.852249	
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	Tface	VSec	Annotation	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00	
3	1700.00	30.00	261.69	1654.93	-35.98	-253.19	3.00	261.69	255.87	Start 3736.49 hold at 1700.00 MD	
4	5436.49	30.00	261.69	4890.82	-307.00	-2101.82	0.00	0.00	2124.12	Start DLS 3.00 TFO 180.00	
5	5436.49	0.00	0.00	5945.75	-343.98	-2355.00	3.00	180.00	2178.99	Start Turn 0.00	
6	8000.00	0.00	0.00	7409.26	-343.98	-2355.00	0.00	0.00	2178.99	TD at 8000.00	
DESIGN TARGET DETAILS											
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape			
LV 21-14	7409.26	-344.00	-2355.00	1968334.874	3177856.312	40.490101	-104.860716	Circle (Radius: 15.00)			
- plan misses target center by 0.02u at 8000.00u MD (7409.26 TVD, -343.98 N, -2355.00 E)											

Company Name: Bayswater



PROJECT DETAILS: Windsor	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	Colorado Central Zone
System Datum:	Mean Sea Level



Database: Compass DB  
Company: Bayswater  
Project: Windsor  
Site: Windsor LV 14H  
Well: Windsor LV 21-14  
Wellbore: Windsor LV 21-14  
Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Project	Windsor, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		Using geodetic scale factor

Site	Windsor LV 14H				
Site Position:		Northing:	1,968,660.741 usft	Latitude:	40.490950
From:	Lat/Long	Easting:	3,180,209.343 usft	Longitude:	-104.852250
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	Windsor LV 21-14					
Well Position	+N-S	34.99 usft	Northing:	1,968,695.740 usft	Latitude:	40.491046
	+E-W	0.25 usft	Easting:	3,180,209.343 usft	Longitude:	-104.852249
Position Uncertainty	0.00 usft	Wellhead Elevation:	4,845.00 usft	Ground Level:	4,845.00 usft	

Wellbore	Windsor LV 21-14				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/19/2013	8.65	67.04	52,958

Design	Windsor LV 21-14				
Audit Notes:					
Version:	1	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	261.69	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	30.00	261.69	1,654.93	-36.98	-253.19	3.00	3.00	0.00	261.69	
5,436.49	30.00	261.69	4,890.83	-307.00	-2,101.82	0.00	0.00	0.00	0.00	
6,436.49	0.00	0.00	5,845.75	-343.98	-2,355.00	3.00	-3.00	9.83	180.00	
8,000.00	0.00	0.00	7,409.26	-343.98	-2,355.00	0.00	0.00	0.00	0.00	



Database: Compass DB  
Company: Bayswater  
Project: Windsor  
Site: Windsor LV 14H  
Well: Windsor LV 21-14  
Wellbore: Windsor LV 21-14  
Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
800.00	3.00	261.69	799.95	-0.38	-2.59	2.62	3.00	3.00	0.00
900.00	6.00	261.69	899.63	-1.51	-10.35	10.46	3.00	3.00	0.00
1,000.00	9.00	261.69	998.77	-3.40	-23.27	23.51	3.00	3.00	0.00
1,100.00	12.00	261.69	1,097.08	-6.03	-41.30	41.74	3.00	3.00	0.00
1,200.00	15.00	261.69	1,194.31	-9.41	-64.39	65.08	3.00	3.00	0.00
1,300.00	18.00	261.69	1,290.18	-13.51	-92.49	93.48	3.00	3.00	0.00
1,400.00	21.00	261.69	1,384.43	-18.33	-125.52	126.85	3.00	3.00	0.00
1,500.00	24.00	261.69	1,476.81	-23.86	-163.38	165.12	3.00	3.00	0.00
1,600.00	27.00	261.69	1,567.06	-30.09	-205.98	208.16	3.00	3.00	0.00
1,700.00	30.00	261.69	1,654.93	-36.98	-253.19	255.87	3.00	3.00	0.00
Start 3736.49 hold at 1700.00 MD									
1,800.00	30.00	261.69	1,741.53	-44.21	-302.66	305.87	0.00	0.00	0.00
1,900.00	30.00	261.69	1,828.13	-51.43	-352.14	355.87	0.00	0.00	0.00
2,000.00	30.00	261.69	1,914.74	-58.66	-401.61	405.87	0.00	0.00	0.00
2,100.00	30.00	261.69	2,001.34	-65.89	-451.09	455.87	0.00	0.00	0.00
2,200.00	30.00	261.69	2,087.94	-73.11	-500.56	505.87	0.00	0.00	0.00
2,300.00	30.00	261.69	2,174.54	-80.34	-550.04	555.87	0.00	0.00	0.00
2,400.00	30.00	261.69	2,261.15	-87.57	-599.51	605.87	0.00	0.00	0.00
2,500.00	30.00	261.69	2,347.75	-94.79	-648.99	655.87	0.00	0.00	0.00
2,600.00	30.00	261.69	2,434.35	-102.02	-698.46	705.87	0.00	0.00	0.00
2,700.00	30.00	261.69	2,520.96	-109.25	-747.94	755.87	0.00	0.00	0.00
2,800.00	30.00	261.69	2,607.56	-116.47	-797.41	805.87	0.00	0.00	0.00
2,900.00	30.00	261.69	2,694.16	-123.70	-846.89	855.87	0.00	0.00	0.00
3,000.00	30.00	261.69	2,780.76	-130.92	-896.36	905.87	0.00	0.00	0.00
3,100.00	30.00	261.69	2,867.37	-138.15	-945.84	955.87	0.00	0.00	0.00
3,200.00	30.00	261.69	2,953.97	-145.38	-995.31	1,005.87	0.00	0.00	0.00
3,300.00	30.00	261.69	3,040.57	-152.60	-1,044.79	1,055.87	0.00	0.00	0.00
3,400.00	30.00	261.69	3,127.17	-159.83	-1,094.26	1,105.87	0.00	0.00	0.00
3,500.00	30.00	261.69	3,213.78	-167.06	-1,143.74	1,155.87	0.00	0.00	0.00
3,600.00	30.00	261.69	3,300.38	-174.28	-1,193.21	1,205.87	0.00	0.00	0.00
3,700.00	30.00	261.69	3,386.98	-181.51	-1,242.69	1,255.87	0.00	0.00	0.00
3,800.00	30.00	261.69	3,473.58	-188.74	-1,292.16	1,305.87	0.00	0.00	0.00
3,900.00	30.00	261.69	3,560.19	-195.96	-1,341.64	1,355.87	0.00	0.00	0.00
4,000.00	30.00	261.69	3,646.79	-203.19	-1,391.11	1,405.87	0.00	0.00	0.00
4,100.00	30.00	261.69	3,733.39	-210.42	-1,440.59	1,455.87	0.00	0.00	0.00
4,200.00	30.00	261.69	3,819.99	-217.64	-1,490.06	1,505.87	0.00	0.00	0.00
4,300.00	30.00	261.69	3,906.60	-224.87	-1,539.54	1,555.87	0.00	0.00	0.00
4,400.00	30.00	261.69	3,993.20	-232.10	-1,589.01	1,605.87	0.00	0.00	0.00
4,500.00	30.00	261.69	4,079.80	-239.32	-1,638.49	1,655.87	0.00	0.00	0.00
4,600.00	30.00	261.69	4,166.40	-246.55	-1,687.96	1,705.87	0.00	0.00	0.00
4,700.00	30.00	261.69	4,253.01	-253.77	-1,737.44	1,755.87	0.00	0.00	0.00
4,800.00	30.00	261.69	4,339.61	-261.00	-1,786.91	1,805.87	0.00	0.00	0.00
4,900.00	30.00	261.69	4,426.21	-268.23	-1,836.39	1,855.87	0.00	0.00	0.00
5,000.00	30.00	261.69	4,512.81	-275.45	-1,885.86	1,905.87	0.00	0.00	0.00
5,100.00	30.00	261.69	4,599.42	-282.68	-1,935.34	1,955.87	0.00	0.00	0.00



Database: Compass DB  
Company: Bayswater  
Project: Windsor  
Site: Windsor LV 14H  
Well: Windsor LV 21-14  
Wellbore: Windsor LV 21-14  
Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.00	30.00	261.69	4,686.02	-289.91	-1,984.81	2,005.87	0.00	0.00	0.00
5,300.00	30.00	261.69	4,772.62	-297.13	-2,034.29	2,055.87	0.00	0.00	0.00
5,400.00	30.00	261.69	4,859.22	-304.36	-2,083.76	2,105.87	0.00	0.00	0.00
5,436.49	30.00	261.69	4,890.83	-307.00	-2,101.82	2,124.12	0.00	0.00	0.00
Start DLS 3.00 TFO 180.00									
5,500.00	28.09	261.69	4,946.34	-311.45	-2,132.33	2,154.95	3.00	-3.00	0.00
5,600.00	25.09	261.69	5,035.75	-317.92	-2,176.62	2,199.71	3.00	-3.00	0.00
5,700.00	22.09	261.69	5,127.38	-323.71	-2,216.22	2,239.74	3.00	-3.00	0.00
5,800.00	19.09	261.69	5,220.98	-328.79	-2,251.02	2,274.91	3.00	-3.00	0.00
5,900.00	16.09	261.69	5,316.29	-333.16	-2,280.93	2,305.13	3.00	-3.00	0.00
6,000.00	13.09	261.69	5,413.05	-336.80	-2,305.86	2,330.33	3.00	-3.00	0.00
6,100.00	10.09	261.69	5,511.00	-339.70	-2,325.75	2,350.42	3.00	-3.00	0.00
6,200.00	7.09	261.69	5,609.87	-341.86	-2,340.53	2,365.37	3.00	-3.00	0.00
6,300.00	4.09	261.69	5,709.38	-343.27	-2,350.18	2,375.12	3.00	-3.00	0.00
6,400.00	1.09	261.69	5,809.27	-343.93	-2,354.86	2,379.84	3.00	-3.00	0.00
6,436.49	0.00	0.00	5,845.75	-343.98	-2,355.00	2,379.99	3.00	-3.00	269.42
Start Turn 0.00									
6,500.00	0.00	0.00	5,909.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
6,600.00	0.00	0.00	6,009.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
6,700.00	0.00	0.00	6,109.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
6,800.00	0.00	0.00	6,209.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
6,900.00	0.00	0.00	6,309.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,000.00	0.00	0.00	6,409.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,100.00	0.00	0.00	6,509.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,200.00	0.00	0.00	6,609.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,300.00	0.00	0.00	6,709.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,400.00	0.00	0.00	6,809.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,500.00	0.00	0.00	6,909.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,600.00	0.00	0.00	7,009.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,627.74	0.00	0.00	7,037.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV G-14H Toe Up End Pt.									
7,629.74	0.00	0.00	7,039.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV E-14H Toe Up End Point									
7,630.74	0.00	0.00	7,040.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV A-14H Toe up End Pt. - LV C-14H Toe up End Pt									
7,672.74	0.00	0.00	7,082.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV G-14H Landing									
7,674.74	0.00	0.00	7,084.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV E-14H Landing									
7,675.74	0.00	0.00	7,085.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV C-14H Landing - LV A-14H Landing									
7,700.00	0.00	0.00	7,109.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,785.29	0.00	0.00	7,194.55	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
Windsor LV F-14H									
7,791.36	0.00	0.00	7,200.62	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
Windsor LV D-14H									
7,797.36	0.00	0.00	7,206.62	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
Windsor LV B-14H									
7,800.00	0.00	0.00	7,209.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,830.74	0.00	0.00	7,240.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
LV F-14H Entry Point									
7,836.74	0.00	0.00	7,246.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00

Database: Compass DB  
Company: Bayswater  
Project: Windsor  
Site: Windsor LV 14H  
Well: Windsor LV 21-14  
Wellbore: Windsor LV 21-14  
Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
<b>LV D-14 H Entry Point</b>									
7,842.74	0.00	0.00	7,252.00	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
<b>LV B-14H Entry Point</b>									
7,900.00	0.00	0.00	7,309.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
7,993.12	0.00	0.00	7,402.38	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
<b>Windsor LV 17-14</b>									
8,000.00	0.00	0.00	7,409.26	-343.98	-2,355.00	2,379.99	0.00	0.00	0.00
<b>TD at 8000.00 - Windsor LV 21-14</b>									

**Design Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Windsor LV 21-14	0.00	0.00	7,409.26	-344.00	-2,355.00	1,968,334.873	3,177,856.312	40.490102	-104.860716
- plan misses target center by 0.02usft at 8000.00usft MD (7409.26 TVD, -343.98 N, -2355.00 E)									
- Circle (radius 15.00)									

**Plan Annotations**

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
700.00	700.00	0.00	0.00	Start Build 3.00
1,700.00	1,654.93	-36.98	-253.19	Start 3736.49 hold at 1700.00 MD
5,436.49	4,890.83	-307.00	-2,101.82	Start DLS 3.00 TFO 180.00
6,436.49	5,845.75	-343.98	-2,355.00	Start Turn 0.00
8,000.00	7,409.26	-343.98	-2,355.00	TD at 8000.00



## **Bayswater**

**Windsor**

**Windsor LV 14H**

**Windsor LV 21-14**

**Windsor LV 21-14**

**Windsor LV 21-14**

## **Anticollision Report**

**20 June, 2013**



<b>Company:</b>	Bayswater	<b>Local Co-ordinate Reference:</b>	Well Windsor LV 21-14
<b>Project:</b>	Windsor	<b>TVD Reference:</b>	WELL @ 4845.00usft (Original Well Elev)
<b>Reference Site:</b>	Windsor LV 14H	<b>MD Reference:</b>	WELL @ 4845.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Windsor LV 21-14	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Windsor LV 21-14	<b>Database:</b>	Compass DB Connection
<b>Reference Design:</b>	Windsor LV 21-14	<b>Offset TVD Reference:</b>	Reference Datum

<b>Reference</b>	Windsor LV 21-14
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria
<b>Interpolation Method:</b>	MD Interval 100.00usft
<b>Depth Range:</b>	Unlimited
<b>Results Limited by:</b>	Maximum center-center distance of 9,999.98 usft
<b>Warning Levels Evaluated at:</b>	2.00 Sigma
<b>Error Model:</b>	ISCWSA
<b>Scan Method:</b>	Closest Approach 3D
<b>Error Surface:</b>	Elliptical Conic
<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	6/20/2013
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>
0.00	8,340.74	Windsor LV 21-14 (Windsor LV 21-14)
		<b>Tool Name</b>
		MWD
		<b>Description</b>
		MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Windsor LV 14H						
Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-1	700.00	700.00	15.00	12.07	5.132	CC
Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-1	800.00	799.84	15.16	11.82	4.539	ES
Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-1	900.00	899.71	15.99	12.23	4.259	SF
Windsor LV A-14H - Windsor LV A-14H - Windsor LV A-1	922.68	923.80	29.49	25.59	7.563	CC, ES, SF
Windsor LV B-14H - Windsor LV B-14H - Windsor LV B-1	987.64	990.19	59.31	55.10	14.093	CC, ES
Windsor LV B-14H - Windsor LV B-14H - Windsor LV B-1	7,819.97	9,816.65	1,014.16	887.95	8.036	SF
Windsor LV C-14H - Windsor LV C-14H - Windsor LV C-1	991.33	993.73	93.47	89.25	22.122	CC
Windsor LV C-14H - Windsor LV C-14H - Windsor LV C-1	1,000.00	1,002.16	93.50	89.23	21.917	ES
Windsor LV C-14H - Windsor LV C-14H - Windsor LV C-1	7,817.55	9,773.08	609.80	483.93	4.845	SF
Windsor LV D-14H - Windsor LV D-14H - Windsor LV D-1	862.63	862.89	129.22	125.61	35.810	CC
Windsor LV D-14H - Windsor LV D-14H - Windsor LV D-1	7,814.07	9,753.92	198.15	72.55	1.578	ES, SF
Windsor LV E-14H - Windsor LV E-14H - Windsor LV E-1	666.33	667.33	162.51	159.74	58.609	CC
Windsor LV E-14H - Windsor LV E-14H - Windsor LV E-1	7,811.64	9,755.02	228.07	102.67	1.819	ES, SF
Windsor LV F-14H - Windsor LV F-14H - Windsor LV F-1	665.99	667.99	195.32	192.55	70.423	CC
Windsor LV F-14H - Windsor LV F-14H - Windsor LV F-1	700.00	700.00	195.33	192.41	66.850	ES
Windsor LV F-14H - Windsor LV F-14H - Windsor LV F-1	7,808.23	9,781.76	685.21	539.89	5.308	SF
Windsor LV G-14H - Windsor LV G-14H - Windsor LV G-	665.64	668.64	228.11	225.33	82.224	CC
Windsor LV G-14H - Windsor LV G-14H - Windsor LV G-	700.00	700.00	228.13	225.20	78.073	ES
Windsor LV G-14H - Windsor LV G-14H - Windsor LV G-	7,804.86	9,835.41	1,109.64	984.25	8.850	SF

Offset Design Windsor LV 14H - Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-14													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (usft)	+E-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-179.59	-15.00	-0.11	15.00	15.00	0.00	N/A	
100.00	100.00	100.00	100.00	0.11	0.11	-179.59	-15.00	-0.11	15.00	14.77	0.22	68.721	
200.00	200.00	200.00	200.00	0.34	0.34	-179.59	-15.00	-0.11	15.00	14.32	0.67	22.240	
300.00	300.00	300.00	300.00	0.56	0.56	-179.59	-15.00	-0.11	15.00	13.87	1.12	13.344	
400.00	400.00	400.00	400.00	0.79	0.79	-179.59	-15.00	-0.11	15.00	13.42	1.57	9.532	
500.00	500.00	500.00	500.00	1.01	1.01	-179.59	-15.00	-0.11	15.00	12.97	2.02	7.413	
600.00	600.00	600.00	600.00	1.24	1.24	-179.59	-15.00	-0.11	15.00	12.52	2.47	6.066	
700.00	700.00	700.00	700.00	1.46	1.46	-179.59	-15.00	-0.11	15.00	12.07	2.92	5.132	CC
800.00	799.95	799.84	799.82	1.67	1.67	-84.79	-15.52	-1.77	15.16	11.82	3.34	4.539	ES

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-14														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
900.00	899.63	899.71	899.55	1.88	1.87	-94.88	-17.09	-6.74	15.99	12.23	3.75	4.259 SF		
1,000.00	998.77	999.62	999.08	2.13	2.09	-108.41	-19.70	-15.04	18.26	14.05	4.21	4.335		
1,100.00	1,097.08	1,099.61	1,098.31	2.43	2.34	-121.90	-23.35	-26.65	22.72	18.01	4.71	4.821		
1,200.00	1,194.31	1,199.69	1,197.16	2.81	2.63	-132.53	-28.05	-41.57	29.61	24.37	6.24	5.654		
1,300.00	1,290.18	1,299.89	1,295.51	3.28	2.96	-140.08	-33.79	-59.80	38.84	33.06	5.79	6.713		
1,400.00	1,384.43	1,400.23	1,393.28	3.87	3.36	-145.30	-40.57	-81.33	50.25	43.89	6.37	7.892		
1,500.00	1,476.81	1,500.75	1,490.36	4.57	3.82	-148.93	-48.38	-106.16	63.71	56.72	6.99	9.111		
1,600.00	1,567.06	1,601.47	1,586.66	5.39	4.35	-151.52	-57.24	-134.28	79.13	71.46	7.67	10.318		
1,700.00	1,654.93	1,702.35	1,682.02	6.35	4.95	-153.39	-67.12	-165.67	96.45	88.04	8.40	11.479		
1,800.00	1,741.53	1,800.61	1,774.36	7.38	5.59	-154.92	-77.21	-197.72	114.80	105.56	9.24	12.425		
1,900.00	1,828.13	1,898.87	1,866.69	8.43	6.25	-156.04	-87.30	-229.78	133.21	123.11	10.10	13.188		
2,000.00	1,914.74	1,997.13	1,959.03	9.50	6.92	-156.88	-97.40	-261.84	151.65	140.68	10.98	13.816		
2,100.00	2,001.34	2,095.40	2,051.37	10.58	7.60	-157.54	-107.49	-293.89	170.13	158.26	11.86	14.339		
2,200.00	2,087.94	2,193.66	2,143.70	11.66	8.28	-158.07	-117.58	-325.95	188.62	175.85	12.76	14.779		
2,300.00	2,174.54	2,291.92	2,236.04	12.76	8.97	-158.50	-127.67	-358.01	207.12	193.45	13.67	15.155		
2,400.00	2,261.15	2,390.18	2,328.38	13.85	9.67	-158.87	-137.77	-390.06	225.63	211.05	14.58	15.478		
2,500.00	2,347.76	2,488.45	2,420.71	14.96	10.37	-159.18	-147.86	-422.12	244.15	228.85	15.49	15.759		
2,600.00	2,434.35	2,586.71	2,513.05	16.06	11.07	-159.44	-157.95	-454.17	262.67	246.26	16.41	16.005		
2,700.00	2,520.96	2,684.97	2,605.39	17.16	11.77	-159.67	-168.04	-486.23	281.20	263.87	17.33	16.222		
2,800.00	2,607.56	2,783.23	2,697.72	18.27	12.48	-159.87	-178.14	-518.29	299.73	281.47	18.26	16.415		
2,900.00	2,694.16	2,861.50	2,780.06	19.38	13.19	-160.05	-188.23	-550.34	318.27	299.08	19.19	16.587		
3,000.00	2,780.76	2,979.76	2,882.39	20.49	13.90	-160.21	-198.32	-582.40	336.81	316.69	20.12	16.742		
3,100.00	2,867.37	3,078.02	2,974.73	21.60	14.61	-160.35	-208.41	-614.46	355.35	334.30	21.05	16.882		
3,200.00	2,953.97	3,176.28	3,067.07	22.71	15.32	-160.48	-218.51	-646.51	373.89	351.91	21.98	17.008		
3,300.00	3,040.57	3,274.55	3,159.40	23.83	16.03	-160.60	-228.60	-678.57	392.44	369.52	22.92	17.124		
3,400.00	3,127.17	3,372.81	3,251.74	24.94	16.74	-160.70	-238.69	-710.63	410.99	387.13	23.85	17.229		
3,500.00	3,213.78	3,471.07	3,344.08	26.06	17.46	-160.80	-248.78	-742.68	429.53	404.74	24.79	17.328		
3,600.00	3,300.38	3,569.33	3,436.41	27.17	18.17	-160.89	-258.88	-774.74	448.08	422.35	25.73	17.415		
3,700.00	3,386.98	3,667.60	3,528.75	28.29	18.88	-160.97	-268.97	-806.80	466.53	439.96	26.67	17.498		
3,800.00	3,473.58	3,765.86	3,621.09	29.40	19.60	-161.04	-279.06	-838.85	485.18	457.57	27.61	17.574		
3,900.00	3,560.19	3,864.12	3,713.42	30.52	20.32	-161.11	-289.15	-870.91	503.73	475.18	28.55	17.645		
4,000.00	3,646.79	3,962.68	3,796.85	31.63	20.85	-161.20	-299.07	-899.24	522.93	493.55	29.38	17.799		
4,100.00	3,733.39	4,061.39	3,876.48	32.75	21.28	-161.40	-308.83	-923.87	544.58	514.48	30.10	18.092		
4,200.00	3,819.99	4,159.03	3,955.79	33.87	21.67	-161.69	-317.79	-946.00	568.76	538.01	30.75	18.495		
4,300.00	3,906.60	4,256.63	4,054.12	34.98	22.02	-162.06	-326.95	-965.56	595.45	564.11	31.34	18.999		
4,400.00	3,993.20	4,354.23	4,152.66	36.10	22.34	-162.50	-336.42	-982.93	624.60	592.74	31.87	19.600		
4,500.00	4,079.80	4,451.83	4,251.20	37.22	22.61	-162.98	-346.12	-1,000.00	654.19	623.84	32.34	20.288		
4,600.00	4,166.40	4,549.43	4,349.74	38.34	22.85	-163.50	-356.11	-1,017.53	684.18	657.39	32.78	21.055		
4,700.00	4,253.01	4,647.03	4,448.28	39.45	23.06	-164.03	-366.42	-1,034.04	714.49	693.31	33.18	21.895		
4,800.00	4,339.61	4,744.63	4,546.82	40.57	23.24	-164.58	-376.98	-1,050.50	745.10	731.55	33.55	22.804		
4,900.00	4,426.21	4,842.23	4,645.42	41.69	23.39	-165.12	-387.77	-1,067.02	776.49	763.07	33.90	23.776		
5,000.00	4,512.81	4,939.83	4,744.02	42.81	23.51	-165.67	-398.81	-1,083.59	808.01	794.78	34.23	24.803		
5,100.00	4,599.42	5,037.43	4,842.62	43.93	23.61	-166.21	-410.11	-1,100.37	839.18	826.63	34.55	25.882		
5,200.00	4,686.02	5,135.03	4,941.22	45.04	23.67	-166.73	-421.59	-1,117.49	870.49	858.54	34.86	27.004		
5,300.00	4,772.62	5,232.63	5,039.82	46.16	23.75	-167.32	-433.21	-1,134.91	902.29	890.54	35.15	28.177		
5,400.00	4,859.22	5,330.23	5,138.42	47.28	23.83	-167.93	-444.97	-1,152.51	934.41	923.08	35.43	29.336		
5,500.00	4,945.82	5,427.83	5,237.02	48.39	23.91	-168.67	-456.87	-1,170.37	966.91	955.95	35.75	30.426		
5,600.00	5,032.42	5,525.43	5,335.62	49.50	23.99	-169.39	-468.91	-1,188.49	1,000.00	989.00	36.04	31.402		
5,700.00	5,119.02	5,623.03	5,434.22	50.61	24.08	-170.11	-481.09	-1,206.87	1,034.29	1,022.98	36.31	32.259		
5,800.00	5,205.62	5,720.63	5,532.82	51.72	24.17	-170.83	-493.41	-1,225.41	1,068.81	1,057.42	36.53	33.015		
5,900.00	5,292.22	5,818.23	5,631.42	52.83	24.27	-171.54	-505.97	-1,244.11	1,103.49	1,092.98	36.79	33.683		
6,000.00	5,378.82	5,915.83	5,730.02	53.94	24.37	-172.25	-518.67	-1,263.07	1,138.81	1,128.89	37.04	34.273		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV 17-14 - Windsor LV 17-14 - Windsor LV 17-14														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,100.00	5,511.00	5,683.62	5,511.00	51.75	24.47	-171.37	-344.00	-1,045.11	1,280.64	1,243.84	36.81	34.793		
6,200.00	5,609.87	5,782.49	5,609.87	52.01	24.57	-171.53	-344.00	-1,045.11	1,295.43	1,258.67	36.75	35.249		
6,300.00	5,709.38	5,882.00	5,709.38	52.18	24.67	-171.64	-344.00	-1,045.11	1,305.07	1,268.46	36.61	35.644		
6,400.00	5,809.27	5,981.89	5,809.27	52.29	24.78	-171.69	-344.00	-1,045.11	1,309.55	1,273.15	36.40	35.979		
6,500.00	5,909.26	6,081.88	5,909.26	52.34	24.89	90.00	-344.00	-1,045.11	1,309.89	1,273.42	36.48	35.911		
6,600.00	6,009.26	6,181.88	6,009.26	52.39	25.00	90.00	-344.00	-1,045.11	1,309.89	1,273.14	36.76	35.638		
6,700.00	6,109.28	6,281.88	6,109.28	52.45	25.11	90.00	-344.00	-1,045.11	1,309.89	1,272.96	37.04	35.367		
6,800.00	6,209.26	6,381.88	6,209.26	52.50	25.23	90.00	-344.00	-1,045.11	1,309.89	1,272.57	37.32	35.097		
6,900.00	6,309.26	6,481.88	6,309.26	52.56	25.34	90.00	-344.00	-1,045.11	1,309.89	1,272.28	37.61	34.828		
7,000.00	6,409.26	6,581.88	6,409.26	52.62	25.46	90.00	-344.00	-1,045.11	1,309.89	1,271.99	37.90	34.581		
7,100.00	6,509.26	6,681.88	6,509.26	52.68	25.58	90.00	-344.00	-1,045.11	1,309.89	1,271.70	38.20	34.294		
7,200.00	6,609.26	6,781.88	6,609.26	52.74	25.69	90.00	-344.00	-1,045.11	1,309.89	1,271.40	38.49	34.030		
7,300.00	6,709.26	6,881.88	6,709.26	52.80	25.82	90.00	-344.00	-1,045.11	1,309.89	1,271.10	38.79	33.767		
7,400.00	6,809.26	6,981.88	6,809.26	52.86	25.94	90.00	-344.00	-1,045.11	1,309.89	1,270.80	39.10	33.505		
7,500.00	6,909.26	7,081.88	6,909.26	52.92	26.06	90.00	-344.00	-1,045.11	1,309.89	1,270.49	39.40	33.246		
7,600.00	7,009.26	7,181.88	7,009.26	52.98	26.19	90.00	-344.00	-1,045.11	1,309.89	1,270.19	39.71	32.988		
7,700.00	7,109.26	7,281.88	7,109.26	53.05	26.31	90.00	-344.00	-1,045.11	1,309.89	1,269.87	40.02	32.732		
7,800.00	7,209.26	7,381.88	7,209.26	53.11	26.44	90.00	-344.00	-1,045.11	1,309.89	1,269.56	40.33	32.478		
7,900.00	7,309.26	7,481.88	7,309.26	53.18	26.57	90.00	-344.00	-1,045.11	1,309.89	1,269.25	40.65	32.226		
8,000.00	7,409.26	7,581.88	7,409.26	53.25	26.70	90.00	-344.00	-1,045.11	1,309.89	1,268.93	40.97	31.976		
8,100.00	7,509.26	7,681.88	7,509.26	53.31	26.83	90.00	-344.00	-1,045.11	1,309.89	1,268.61	41.29	31.728		
8,200.00	7,609.26	7,781.88	7,609.26	53.38	26.96	90.00	-344.00	-1,045.11	1,309.89	1,268.29	41.61	31.482		
8,300.00	7,709.26	7,881.88	7,709.26	53.45	27.10	90.00	-344.00	-1,045.11	1,309.89	1,267.96	41.93	31.238		
8,340.74	7,750.00	7,922.62	7,750.00	53.48	27.15	90.00	-344.00	-1,045.11	1,309.89	1,267.63	42.07	31.139		



Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV A-14H - Windsor LV A-14H - Windsor LV A-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-179.59	-34.99	-0.25	34.99					
100.00	100.00	100.00	100.00	0.11	0.11	-179.59	-34.99	-0.25	34.99	34.77	0.22	155.680		
200.00	200.00	200.00	200.00	0.34	0.34	-179.59	-34.99	-0.25	34.99	34.32	0.67	51.893		
300.00	300.00	300.00	300.00	0.56	0.56	-179.59	-34.99	-0.25	34.99	33.87	1.12	31.136		
400.00	400.00	400.00	400.00	0.79	0.79	-179.59	-34.99	-0.25	34.99	33.42	1.57	22.240		
500.00	500.00	500.00	500.00	1.01	1.01	-179.59	-34.99	-0.25	34.99	32.97	2.02	17.298		
600.00	600.00	600.00	600.00	1.24	1.24	-179.59	-34.99	-0.25	34.99	32.52	2.47	14.153		
700.00	700.00	700.00	700.00	1.46	1.46	-179.59	-34.99	-0.25	34.99	32.07	2.92	11.975		
800.00	799.95	801.03	801.00	1.67	1.69	-86.94	-33.32	0.38	33.10	29.74	3.36	9.849		
900.00	899.63	901.26	901.09	1.88	1.92	-107.01	-28.38	2.25	29.71	25.92	3.79	7.829		
922.68	922.18	923.80	923.57	1.94	1.97	-113.97	-26.82	2.84	29.49	25.59	3.90	7.563 CC, ES, SF		
1,000.00	998.77	999.92	999.37	2.13	2.16	-140.80	-20.32	5.29	33.20	28.96	4.23	7.842		
1,100.00	1,097.08	1,096.29	1,095.03	2.43	2.39	-167.54	-9.39	9.41	50.86	46.19	4.67	10.891		
1,200.00	1,194.31	1,189.70	1,187.32	2.81	2.65	178.53	4.07	14.49	80.33	75.22	5.12	15.692		
1,300.00	1,290.18	1,280.05	1,276.10	3.28	2.93	171.16	19.70	20.39	118.51	112.92	5.59	21.209		
1,400.00	1,384.43	1,369.35	1,363.70	3.87	3.24	167.25	35.97	26.53	162.78	156.72	6.06	26.840		
1,500.00	1,476.81	1,456.35	1,449.04	4.57	3.55	165.16	51.81	32.51	211.83	205.28	6.56	32.336		
1,600.00	1,567.06	1,540.81	1,531.88	5.39	3.86	163.96	67.19	38.31	265.29	258.24	7.05	37.634		
1,700.00	1,654.93	1,622.50	1,612.01	6.35	4.17	163.21	82.06	43.93	322.94	315.37	7.57	42.686		
1,800.00	1,741.53	1,702.73	1,690.71	7.38	4.47	163.24	96.67	49.44	382.63	374.44	8.19	46.703		
1,900.00	1,828.13	1,782.96	1,769.40	8.43	4.79	163.27	111.28	54.96	442.33	433.49	8.84	50.046		
2,000.00	1,914.74	1,863.19	1,848.10	9.50	5.10	163.29	125.89	60.47	502.02	492.52	9.50	52.856		
2,100.00	2,001.34	1,943.42	1,926.79	10.58	5.42	163.30	140.50	65.98	561.71	551.54	10.17	55.240		
2,200.00	2,087.94	2,023.65	2,005.49	11.66	5.74	163.31	155.11	71.50	621.40	610.55	10.85	57.282		
2,300.00	2,174.54	2,103.88	2,084.19	12.76	6.07	163.32	169.72	77.01	681.09	669.56	11.54	59.044		
2,400.00	2,261.15	2,184.11	2,162.88	13.85	6.39	163.33	184.33	82.53	740.78	728.56	12.23	60.576		
2,500.00	2,347.75	2,264.34	2,241.58	14.96	6.72	163.34	198.94	88.04	800.48	787.55	12.93	61.918		
2,600.00	2,434.35	2,344.57	2,320.27	16.06	7.05	163.35	213.55	93.55	860.17	846.54	13.63	63.103		
2,700.00	2,520.96	2,424.80	2,398.97	17.16	7.37	163.35	228.16	99.07	919.86	905.52	14.34	64.156		
2,800.00	2,607.56	2,505.03	2,477.67	18.27	7.70	163.36	242.77	104.58	979.55	964.50	15.05	65.095		
2,900.00	2,694.16	2,585.26	2,556.36	19.38	8.03	163.36	257.38	110.10	1,039.24	1,023.48	15.76	65.938		
3,000.00	2,780.76	2,665.49	2,635.06	20.49	8.37	163.36	271.99	115.61	1,098.94	1,082.46	16.48	66.697		
3,100.00	2,867.37	2,745.73	2,713.75	21.60	8.70	163.37	286.60	121.12	1,158.63	1,141.43	17.19	67.385		
3,200.00	2,953.97	2,825.96	2,792.45	22.71	9.03	163.37	301.21	126.64	1,218.32	1,200.41	17.91	68.010		
3,300.00	3,040.57	2,906.19	2,871.14	23.83	9.36	163.37	315.82	132.15	1,278.01	1,259.38	18.63	68.581		
3,400.00	3,127.17	2,986.42	2,949.84	24.94	9.70	163.38	330.43	137.67	1,337.70	1,318.35	19.36	69.104		
3,500.00	3,213.78	3,066.65	3,028.54	26.06	10.03	163.38	345.04	143.18	1,397.40	1,377.31	20.08	69.584		
3,600.00	3,300.38	3,146.88	3,107.23	27.17	10.37	163.38	359.65	148.69	1,457.09	1,436.28	20.81	70.026		
3,700.00	3,386.98	3,227.11	3,185.93	28.29	10.70	163.38	374.26	154.21	1,516.78	1,495.25	21.53	70.435		
3,800.00	3,473.58	3,307.34	3,264.62	29.40	11.03	163.38	388.87	159.72	1,576.47	1,554.21	22.26	70.813		
3,900.00	3,560.19	3,387.57	3,343.32	30.52	11.37	163.38	403.48	165.24	1,636.16	1,613.17	22.99	71.164		
4,000.00	3,646.79	3,467.80	3,422.01	31.63	11.71	163.39	418.08	170.75	1,695.86	1,672.13	23.72	71.491		
4,100.00	3,733.39	3,548.03	3,500.71	32.75	12.04	163.39	432.69	176.26	1,755.55	1,731.10	24.45	71.796		
4,200.00	3,819.99	3,628.26	3,579.41	33.87	12.38	163.39	447.30	181.78	1,815.24	1,790.06	25.18	72.081		
4,300.00	3,906.60	3,708.49	3,658.10	34.98	12.71	163.39	461.91	187.29	1,874.93	1,849.02	25.92	72.348		
4,400.00	3,993.20	3,788.72	3,736.80	36.10	13.05	163.39	476.52	192.81	1,934.62	1,907.97	26.65	72.598		
4,500.00	4,079.80	3,868.95	3,815.49	37.22	13.39	163.39	491.13	198.32	1,994.32	1,966.83	27.38	72.833		
4,600.00	4,166.40	3,949.18	3,894.19	38.34	13.72	163.39	505.74	203.83	2,054.01	2,025.89	28.12	73.054		
4,700.00	4,253.01	4,029.41	3,972.89	39.45	14.06	163.39	520.35	209.35	2,113.70	2,084.65	28.85	73.262		
4,800.00	4,339.61	4,109.64	4,051.58	40.57	14.40	163.40	534.96	214.86	2,173.39	2,143.80	29.59	73.459		
4,900.00	4,426.21	4,189.87	4,130.28	41.69	14.73	163.40	549.57	220.37	2,233.08	2,202.76	30.32	73.645		
5,000.00	4,512.81	4,270.10	4,208.97	42.81	15.07	163.40	564.18	225.89	2,292.77	2,261.72	31.05	73.820		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV A-14H - Windsor LV A-14H - Windsor LV A-14H													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,599.42	4,350.33	4,287.67	43.93	15.41	163.40	578.79	231.40	2,352.47	2,320.87	31.80	73.986	
5,200.00	4,686.02	4,430.56	4,366.36	45.04	15.75	163.40	593.40	236.92	2,412.16	2,379.63	32.53	74.144	
5,300.00	4,772.62	4,510.79	4,445.06	46.16	16.08	163.40	608.01	242.43	2,471.85	2,438.58	33.27	74.293	
5,400.00	4,859.22	4,591.02	4,523.76	47.28	16.42	163.40	622.62	247.94	2,531.64	2,497.53	34.01	74.435	
5,500.00	4,946.34	4,671.84	4,603.04	48.32	16.76	163.78	637.34	253.60	2,590.42	2,555.55	34.86	74.303	
5,600.00	5,035.75	4,733.75	4,633.27	49.13	17.09	127.49	1,115.46	-2,207.91	2,623.87	2,518.02	105.85	24.788	
5,700.00	5,127.38	4,772.42	4,732.87	49.85	17.82	123.82	1,115.23	-2,246.58	2,550.41	2,439.82	110.60	23.060	
5,800.00	5,220.98	4,806.27	4,732.51	50.46	17.72	120.01	1,115.04	-2,280.43	2,476.25	2,361.39	114.87	21.558	
5,900.00	5,316.29	4,835.20	4,732.21	50.98	17.50	116.14	1,114.87	-2,309.36	2,401.75	2,283.22	118.54	20.282	
6,000.00	5,413.05	4,859.14	4,731.96	51.41	17.14	112.28	1,114.73	-2,333.29	2,327.27	2,205.78	121.51	19.153	
6,100.00	5,511.00	4,878.01	4,731.76	51.75	16.74	108.50	1,114.62	-2,352.17	2,253.19	2,129.45	123.74	18.209	
6,200.00	5,609.87	4,891.78	4,731.62	52.01	16.26	104.89	1,114.55	-2,365.93	2,179.89	2,054.66	125.22	17.408	
6,300.00	5,709.38	4,900.39	4,731.53	52.18	15.74	101.52	1,114.50	-2,374.54	2,107.77	1,981.75	126.02	16.726	
6,400.00	5,809.27	4,903.82	4,731.49	52.29	15.33	98.45	1,114.48	-2,377.97	2,037.22	1,911.02	126.20	16.142	
6,500.00	5,909.26	4,903.12	4,731.50	52.34	15.31	-0.87	1,114.48	-2,377.27	1,968.75	1,842.59	126.16	15.605	
6,600.00	6,009.26	4,902.07	4,731.51	52.39	15.29	-0.83	1,114.49	-2,376.22	1,903.03	1,776.84	126.19	15.081	
6,700.00	6,109.26	4,901.03	4,731.52	52.45	15.26	-0.79	1,114.49	-2,375.18	1,840.40	1,714.18	126.22	14.581	
6,800.00	6,209.26	4,899.98	4,731.53	52.50	15.23	-0.75	1,114.50	-2,374.13	1,781.18	1,654.93	126.25	14.108	
6,900.00	6,309.26	4,898.93	4,731.54	52.56	15.20	-0.71	1,114.50	-2,373.08	1,725.73	1,599.45	126.29	13.665	
7,000.00	6,409.26	4,897.89	4,731.56	52.62	15.17	-0.67	1,114.51	-2,372.04	1,674.43	1,548.10	126.32	13.255	
7,100.00	6,509.26	4,896.84	4,731.57	52.68	15.15	-0.63	1,114.52	-2,370.99	1,627.65	1,501.29	126.36	12.861	
7,200.00	6,609.26	4,895.79	4,731.58	52.74	15.12	-0.59	1,114.52	-2,369.94	1,585.81	1,459.41	126.39	12.547	
7,300.00	6,709.26	4,894.74	4,731.59	52.80	15.09	-0.55	1,114.53	-2,368.89	1,549.30	1,422.87	126.43	12.254	
7,400.00	6,809.26	4,893.70	4,731.60	52.86	15.06	-0.50	1,114.53	-2,367.85	1,518.50	1,392.04	126.47	12.007	
7,500.00	6,909.26	4,892.65	4,731.61	52.92	15.03	-0.46	1,114.54	-2,366.80	1,493.78	1,367.28	126.51	11.808	
7,600.00	7,009.26	4,891.60	4,731.62	52.98	15.01	-0.42	1,114.55	-2,365.75	1,475.44	1,348.89	126.54	11.659	
7,700.00	7,109.26	4,890.56	4,731.63	53.05	14.98	-0.38	1,114.55	-2,364.71	1,463.71	1,337.12	126.58	11.563	
7,800.00	7,209.26	4,889.51	4,731.64	53.11	14.95	-0.34	1,114.56	-2,363.66	1,458.76	1,332.13	126.63	11.520	
7,822.38	7,231.65	4,889.27	4,731.65	53.13	14.94	-0.33	1,114.56	-2,363.42	1,458.58	1,331.95	126.64	11.518	
7,900.00	7,309.26	4,888.46	4,731.65	53.18	14.92	-0.30	1,114.56	-2,362.61	1,460.65	1,333.98	126.67	11.531	
8,000.00	7,409.26	4,887.41	4,731.66	53.25	14.89	-0.26	1,114.57	-2,361.57	1,469.36	1,342.65	126.71	11.586	
8,100.00	7,509.26	4,886.37	4,731.68	53.31	14.87	-0.22	1,114.58	-2,360.52	1,484.77	1,358.01	126.75	11.714	
8,200.00	7,609.26	4,885.32	4,731.69	53.38	14.84	-0.18	1,114.58	-2,359.47	1,506.67	1,379.87	126.80	11.882	
8,300.00	7,709.26	4,884.27	4,731.70	53.45	14.81	-0.13	1,114.59	-2,358.42	1,534.78	1,407.94	126.84	12.100	
8,340.74	7,750.00	4,883.85	4,731.70	53.48	14.80	-0.12	1,114.59	-2,358.00	1,547.94	1,421.08	126.86	12.202	



**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Windsor LV 14H - Windsor LV B-14H - Windsor LV B-14H - Windsor LV B-14H														Offset Site Error:	0.00 usft
Survey Program: O-MWD														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	0.00	0.00	-179.79	-67.79	-0.25	67.79						
100.00	100.00	100.00	100.00	0.11	0.11	-179.79	-67.79	-0.25	67.79	67.57	0.22	301.611			
200.00	200.00	200.00	200.00	0.34	0.34	-179.79	-67.79	-0.25	67.79	67.12	0.67	100.537			
300.00	300.00	300.00	300.00	0.56	0.56	-179.79	-67.79	-0.25	67.79	66.67	1.12	60.322			
400.00	400.00	400.00	400.00	0.79	0.79	-179.79	-67.79	-0.25	67.79	66.22	1.57	43.087			
500.00	500.00	500.00	500.00	1.01	1.01	-179.79	-67.79	-0.25	67.79	65.77	2.02	33.512			
600.00	600.00	600.00	600.00	1.24	1.24	-179.79	-67.79	-0.25	67.79	65.32	2.47	27.419			
700.00	700.00	700.00	700.00	1.46	1.46	-179.79	-67.79	-0.25	67.79	64.87	2.92	23.201			
800.00	799.95	801.95	801.93	1.67	1.69	-84.61	-66.22	0.65	65.95	62.59	3.36	19.619			
900.00	899.63	903.02	902.85	1.88	1.92	-94.82	-61.56	3.33	61.67	57.87	3.80	16.225			
987.64	986.56	990.19	989.69	2.10	2.12	-110.63	-55.06	7.07	59.31	55.10	4.21	14.093 CC, ES			
1,000.00	998.77	1,002.34	1,001.78	2.13	2.15	-113.33	-53.97	7.69	59.37	55.11	4.26	13.923			
1,100.00	1,097.08	1,099.10	1,097.81	2.43	2.39	-136.65	-43.74	13.57	66.58	61.85	4.74	14.058			
1,200.00	1,194.31	1,193.48	1,191.32	2.81	2.65	-155.31	-32.66	19.94	87.54	82.35	5.18	16.894			
1,300.00	1,290.18	1,288.09	1,283.08	3.28	2.91	-166.83	-21.79	26.19	119.19	113.59	5.60	21.290			
1,400.00	1,384.43	1,378.67	1,372.83	3.87	3.18	-173.72	-11.15	32.31	158.42	152.41	6.01	26.378			
1,500.00	1,476.81	1,465.00	1,460.34	4.57	3.44	-177.98	-0.78	38.27	203.63	197.22	6.41	31.762			
1,600.00	1,567.06	1,550.81	1,545.36	5.39	3.71	179.25	9.29	44.06	254.05	247.23	6.82	37.266			
1,700.00	1,654.93	1,633.87	1,627.66	6.35	3.96	177.36	19.04	49.67	309.20	301.97	7.23	42.763			
1,800.00	1,741.53	1,715.49	1,708.53	7.38	4.22	176.11	28.63	55.17	366.66	358.90	7.76	47.229			
1,900.00	1,828.13	1,797.11	1,789.39	8.43	4.48	175.20	38.21	60.68	424.21	415.90	8.32	51.002			
2,000.00	1,914.74	1,878.73	1,870.26	9.50	4.74	174.50	47.79	66.19	481.82	472.93	8.88	54.217			
2,100.00	2,001.34	1,960.34	1,951.12	10.58	5.00	173.96	57.37	71.70	539.46	530.00	9.47	56.980			
2,200.00	2,087.94	2,041.96	2,031.69	11.66	5.26	173.61	66.96	77.21	597.13	587.08	10.06	59.371			
2,300.00	2,174.54	2,123.58	2,112.85	12.76	5.52	173.15	76.54	82.72	654.82	644.17	10.66	61.454			
2,400.00	2,261.15	2,205.19	2,193.72	13.85	5.79	172.85	86.12	88.22	712.63	701.27	11.26	63.282			
2,500.00	2,347.75	2,286.81	2,274.58	14.96	6.05	172.59	95.71	93.73	770.24	758.37	11.87	64.893			
2,600.00	2,434.35	2,368.43	2,355.45	16.06	6.32	172.36	105.29	99.24	827.97	815.49	12.48	66.324			
2,700.00	2,520.96	2,450.05	2,438.31	17.16	6.58	172.17	114.87	104.76	885.70	872.60	13.10	67.602			
2,800.00	2,607.56	2,531.66	2,517.18	18.27	6.85	172.00	124.45	110.26	943.44	929.72	13.72	68.748			
2,900.00	2,694.16	2,613.28	2,598.04	19.38	7.12	171.85	134.04	115.77	1,001.18	986.84	14.35	69.782			
3,000.00	2,780.76	2,694.90	2,678.91	20.49	7.38	171.71	143.62	121.27	1,058.93	1,043.96	14.97	70.718			
3,100.00	2,867.37	2,776.51	2,759.77	21.60	7.65	171.59	153.20	126.78	1,116.68	1,101.08	15.60	71.567			
3,200.00	2,953.97	2,858.13	2,840.64	22.71	7.92	171.49	162.78	132.29	1,174.44	1,158.20	16.23	72.343			
3,300.00	3,040.57	2,939.75	2,921.50	23.83	8.19	171.39	172.37	137.80	1,232.19	1,215.32	16.87	73.053			
3,400.00	3,127.17	3,021.37	3,002.37	24.94	8.46	171.30	181.95	143.31	1,289.95	1,272.45	17.50	73.705			
3,500.00	3,213.78	3,102.98	3,083.23	26.06	8.73	171.22	191.53	148.82	1,347.71	1,329.57	18.14	74.305			
3,600.00	3,300.38	3,184.60	3,164.10	27.17	9.00	171.14	201.11	154.33	1,405.47	1,388.70	18.77	74.860			
3,700.00	3,386.98	3,266.22	3,244.97	28.29	9.27	171.07	210.70	159.83	1,463.24	1,443.82	19.41	75.373			
3,800.00	3,473.58	3,347.83	3,325.83	29.40	9.54	171.01	220.28	165.34	1,521.00	1,500.95	20.05	75.849			
3,900.00	3,560.19	3,429.45	3,406.70	30.52	9.81	170.95	229.86	170.85	1,578.77	1,559.07	20.69	76.293			
4,000.00	3,646.79	3,511.07	3,487.56	31.63	10.08	170.89	239.44	176.36	1,636.54	1,615.20	21.34	76.707			
4,100.00	3,733.39	3,592.69	3,568.43	32.75	10.35	170.84	249.03	181.87	1,694.30	1,672.33	21.98	77.093			
4,200.00	3,819.99	3,674.30	3,649.29	33.87	10.62	170.79	258.61	187.38	1,752.07	1,729.45	22.62	77.454			
4,300.00	3,906.60	3,755.92	3,730.16	34.98	10.89	170.75	268.19	192.88	1,809.84	1,786.58	23.26	77.793			
4,400.00	3,993.20	3,837.54	3,811.02	36.10	11.16	170.71	277.78	198.39	1,867.61	1,843.70	23.91	78.111			
4,500.00	4,079.80	3,919.15	3,891.89	37.22	11.43	170.67	287.36	203.90	1,925.38	1,900.83	24.56	78.410			
4,600.00	4,166.40	4,000.77	3,972.75	38.34	11.70	170.63	296.94	209.41	1,983.16	1,957.95	25.20	78.692			
4,700.00	4,253.01	4,082.39	4,053.62	39.45	11.97	170.59	306.52	214.92	2,040.93	2,015.08	25.85	78.958			
4,800.00	4,339.61	4,164.01	4,134.48	40.57	12.24	170.56	316.11	220.43	2,098.70	2,072.20	26.50	79.209			
4,900.00	4,426.21	4,245.62	4,215.35	41.69	12.52	170.53	325.69	225.93	2,156.47	2,129.33	27.14	79.446			
5,000.00	4,512.81	4,327.24	4,296.21	42.81	12.79	170.50	335.27	231.44	2,214.25	2,186.45	27.79	79.671			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Offset Design Windsor LV 14H - Windsor LV B-14H - Windsor LV B-14H - Windsor LV B-14H													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (usft)	Centre +E-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,599.42	4,408.86	4,377.08	43.93	13.06	170.47	344.85	236.85	2,272.02	2,243.68	28.44	79.884		
5,200.00	4,686.02	4,490.47	4,457.94	45.04	13.33	170.44	354.44	242.46	2,329.80	2,300.70	29.09	80.086		
5,300.00	4,772.62	4,572.09	4,538.81	46.16	13.60	170.42	364.02	247.97	2,387.57	2,357.83	29.74	80.278		
5,400.00	4,859.22	4,653.71	4,619.67	47.28	13.87	170.39	373.60	253.48	2,445.34	2,414.95	30.39	80.460		
5,500.00	4,946.34	9,617.70	7,231.31	48.32	68.66	140.28	671.29	-2,161.93	2,487.53	2,398.95	68.57	28.084		
5,600.00	5,035.75	9,661.09	7,230.88	49.13	69.73	136.48	671.04	-2,205.32	2,407.78	2,313.09	94.69	25.427		
5,700.00	5,127.38	9,669.77	7,230.45	49.85	70.78	132.29	670.81	-2,243.99	2,326.54	2,225.72	100.82	23.075		
5,800.00	5,220.98	9,733.62	7,230.10	50.46	71.69	127.75	670.62	-2,277.83	2,244.13	2,137.38	106.76	21.021		
5,900.00	5,316.29	9,762.55	7,229.80	50.98	72.47	122.92	670.45	-2,305.76	2,160.89	2,048.66	112.23	19.253		
6,000.00	5,413.05	9,786.49	7,229.55	51.41	73.12	117.89	670.31	-2,330.70	2,077.16	1,960.17	116.99	17.765		
6,100.00	5,511.00	9,805.36	7,229.35	51.75	73.63	112.81	670.20	-2,349.57	1,993.30	1,872.50	120.80	16.501		
6,200.00	5,609.87	9,819.12	7,229.20	52.01	74.01	107.81	670.13	-2,363.33	1,909.70	1,786.17	123.52	15.460		
6,300.00	5,709.38	9,827.73	7,229.11	52.18	74.24	103.05	670.08	-2,371.94	1,826.74	1,701.60	125.14	14.598		
6,400.00	5,809.27	9,831.17	7,229.08	52.29	74.33	98.65	670.06	-2,375.38	1,744.85	1,619.11	125.74	13.876		
6,500.00	5,909.26	9,830.47	7,229.09	52.34	74.31	-1.11	670.06	-2,374.68	1,664.52	1,538.76	125.76	13.236		
6,600.00	6,009.26	9,829.42	7,229.10	52.39	74.29	-1.05	670.07	-2,373.63	1,586.40	1,460.61	125.79	12.612		
6,700.00	6,109.26	9,828.37	7,229.11	52.45	74.26	-0.99	670.07	-2,372.58	1,510.86	1,385.04	125.82	12.008		
6,800.00	6,209.26	9,827.33	7,229.12	52.50	74.23	-0.93	670.08	-2,371.54	1,438.31	1,312.46	125.85	11.429		
6,900.00	6,309.26	9,826.28	7,229.13	52.56	74.20	-0.88	670.08	-2,370.49	1,369.22	1,243.34	125.88	10.877		
7,000.00	6,409.26	9,825.23	7,229.14	52.62	74.17	-0.82	670.09	-2,369.44	1,304.14	1,178.23	125.91	10.358		
7,100.00	6,509.26	9,824.18	7,229.15	52.68	74.14	-0.76	670.10	-2,368.40	1,243.71	1,117.76	125.94	9.875		
7,200.00	6,609.26	9,823.14	7,229.16	52.74	74.11	-0.70	670.10	-2,367.35	1,188.63	1,062.65	125.98	9.435		
7,300.00	6,709.26	9,822.09	7,229.17	52.80	74.09	-0.64	670.11	-2,366.30	1,139.67	1,013.66	126.01	9.044		
7,400.00	6,809.26	9,821.04	7,229.18	52.86	74.06	-0.58	670.11	-2,365.25	1,097.66	971.62	126.05	8.708		
7,500.00	6,909.26	9,820.00	7,229.20	52.92	74.03	-0.52	670.12	-2,364.21	1,063.43	937.35	126.08	8.434		
7,600.00	7,009.26	9,818.95	7,229.21	52.98	74.00	-0.46	670.13	-2,363.16	1,037.73	911.62	126.12	8.228		
7,700.00	7,109.26	9,817.90	7,229.22	53.05	73.97	-0.40	670.13	-2,362.11	1,021.23	895.07	126.16	8.095		
7,800.00	7,209.26	9,816.85	7,229.23	53.11	73.94	-0.34	670.14	-2,361.07	1,014.35	888.16	126.20	8.038		
7,818.87	7,229.23	9,816.65	7,229.23	53.13	73.94	-0.33	670.14	-2,360.86	1,014.16	887.95	126.20	8.036 SF		
7,900.00	7,309.26	9,815.81	7,229.24	53.18	73.92	-0.28	670.14	-2,360.02	1,017.31	891.08	126.23	8.059		
8,000.00	7,409.26	9,814.76	7,229.25	53.25	73.89	-0.22	670.15	-2,358.97	1,030.01	903.74	126.27	8.157		
8,100.00	7,509.26	9,813.71	7,229.26	53.31	73.86	-0.17	670.16	-2,357.92	1,052.10	925.79	126.31	8.329		
8,200.00	7,609.26	9,812.67	7,229.27	53.38	73.83	-0.11	670.16	-2,356.88	1,083.02	956.66	126.36	8.571		
8,300.00	7,709.26	9,811.62	7,229.28	53.45	73.80	-0.05	670.17	-2,355.83	1,122.02	995.62	126.40	8.877		
8,340.74	7,750.00	9,811.19	7,229.29	53.48	73.79	-0.02	670.17	-2,355.40	1,140.04	1,013.62	126.41	9.018		

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV C-14H - Windsor LV C-14H - Windsor LV C-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (usft)	+E-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-179.86	-100.58	-0.25	100.58					
100.00	100.00	100.00	100.00	0.11	0.11	-179.86	-100.58	-0.25	100.58	100.36	0.22	447.489		
200.00	200.00	200.00	200.00	0.34	0.34	-179.86	-100.58	-0.25	100.58	99.91	0.67	149.163		
300.00	300.00	300.00	300.00	0.56	0.56	-179.86	-100.58	-0.25	100.58	99.46	1.12	89.498		
400.00	400.00	400.00	400.00	0.79	0.79	-179.86	-100.58	-0.25	100.58	99.01	1.57	63.927		
500.00	500.00	500.00	500.00	1.01	1.01	-179.86	-100.58	-0.25	100.58	98.56	2.02	49.721		
600.00	600.00	600.00	600.00	1.24	1.24	-179.86	-100.58	-0.25	100.58	98.11	2.47	40.681		
700.00	700.00	700.00	700.00	1.46	1.46	-179.86	-100.58	-0.25	100.58	97.66	2.92	34.422		
800.00	799.95	802.24	802.21	1.67	1.69	-83.91	-99.36	1.11	99.08	95.72	3.36	29.493		
900.00	899.63	903.46	903.29	1.88	1.91	-91.24	-95.76	5.13	95.58	91.79	3.80	25.178		
991.33	990.20	993.73	993.24	2.11	2.12	-102.32	-90.72	10.76	93.47	89.25	4.23	22.122 CC		
1,000.00	998.77	1,002.16	1,001.64	2.13	2.14	-103.52	-90.22	11.32	93.50	89.23	4.27	21.917 ES		
1,100.00	1,097.08	1,098.74	1,097.83	2.43	2.37	-118.18	-84.49	17.70	98.17	93.40	4.77	20.582		
1,200.00	1,194.31	1,193.85	1,192.57	2.81	2.61	-132.37	-78.86	24.00	112.42	107.15	5.27	21.326		
1,300.00	1,280.18	1,287.24	1,285.59	3.28	2.85	-143.98	-73.32	30.17	136.55	130.81	5.74	23.804		
1,400.00	1,384.43	1,378.65	1,378.64	3.87	3.08	-152.63	-67.90	38.22	169.34	163.18	6.16	27.477		
1,500.00	1,476.81	1,467.83	1,465.47	4.57	3.31	-158.86	-62.62	42.12	209.43	202.86	6.57	31.899		
1,600.00	1,567.06	1,554.54	1,551.83	5.39	3.54	-163.35	-57.48	47.85	255.76	248.80	6.95	36.787		
1,700.00	1,654.93	1,638.53	1,635.49	6.35	3.76	-166.63	-52.50	53.41	307.80	300.26	7.34	41.924		
1,800.00	1,741.53	1,721.09	1,717.73	7.38	3.98	-169.41	-47.61	58.87	362.33	354.52	7.81	46.405		
1,900.00	1,828.13	1,803.65	1,799.96	8.43	4.20	-171.47	-42.72	64.33	417.51	409.21	8.30	50.329		
2,000.00	1,914.74	1,886.21	1,882.19	9.50	4.43	-173.06	-37.82	69.79	472.98	464.19	8.80	53.762		
2,100.00	2,001.34	1,968.77	1,964.43	10.58	4.65	-174.32	-32.93	75.25	528.66	519.35	9.31	56.774		
2,200.00	2,087.94	2,051.33	2,046.66	11.66	4.87	-175.34	-28.04	80.71	584.48	574.64	9.84	59.426		
2,300.00	2,174.54	2,133.89	2,128.89	12.76	5.09	-176.18	-23.15	86.17	640.40	630.04	10.37	61.769		
2,400.00	2,261.15	2,216.45	2,211.13	13.85	5.32	-176.89	-18.25	91.63	696.41	685.50	10.91	63.849		
2,500.00	2,347.75	2,299.01	2,293.36	14.96	5.54	-177.49	-13.36	97.10	752.48	741.03	11.45	65.704		
2,600.00	2,434.35	2,381.57	2,375.59	16.06	5.77	-178.01	-8.47	102.56	808.60	796.60	12.00	67.364		
2,700.00	2,520.96	2,464.13	2,457.83	17.16	5.99	-178.47	-3.58	108.02	864.76	852.20	12.56	68.857		
2,800.00	2,607.56	2,546.69	2,540.06	18.27	6.22	-178.86	1.32	113.48	920.95	907.83	13.12	70.205		
2,900.00	2,694.16	2,629.25	2,622.29	19.38	6.44	-179.22	6.21	118.94	977.17	963.49	13.68	71.426		
3,000.00	2,780.76	2,711.81	2,704.53	20.49	6.67	-179.53	11.10	124.40	1,033.41	1,019.16	14.25	72.538		
3,100.00	2,867.37	2,794.36	2,786.76	21.60	6.89	-179.81	16.00	129.86	1,089.67	1,074.86	14.81	73.552		
3,200.00	2,953.97	2,876.92	2,868.99	22.71	7.12	-179.93	20.89	135.32	1,145.95	1,130.58	15.39	74.481		
3,300.00	3,040.57	2,969.48	2,961.23	23.83	7.34	-179.70	25.78	140.78	1,202.24	1,186.28	15.96	75.334		
3,400.00	3,127.17	3,042.04	3,033.46	24.94	7.57	-179.49	30.67	146.24	1,258.54	1,242.01	16.53	76.120		
3,500.00	3,213.78	3,124.60	3,115.69	26.06	7.80	-179.30	35.57	151.70	1,314.85	1,297.74	17.11	76.846		
3,600.00	3,300.38	3,207.16	3,197.93	27.17	8.02	-179.12	40.46	157.16	1,371.18	1,353.49	17.69	77.518		
3,700.00	3,386.98	3,289.72	3,280.16	28.29	8.25	-178.96	45.35	162.63	1,427.51	1,409.24	18.27	78.142		
3,800.00	3,473.58	3,372.28	3,362.39	29.40	8.48	-178.81	50.25	168.09	1,483.85	1,465.00	18.85	78.722		
3,900.00	3,560.19	3,454.84	3,444.63	30.52	8.70	-178.67	55.14	173.55	1,540.19	1,520.76	19.43	79.262		
4,000.00	3,646.79	3,537.40	3,528.86	31.63	8.93	-178.54	60.03	179.01	1,596.54	1,576.53	20.02	79.767		
4,100.00	3,733.39	3,619.96	3,609.09	32.75	9.16	-178.42	64.92	184.47	1,652.90	1,632.30	20.60	80.239		
4,200.00	3,819.99	3,702.52	3,691.33	33.87	9.38	-178.31	69.82	189.93	1,709.26	1,688.07	21.19	80.682		
4,300.00	3,906.60	3,785.08	3,773.56	34.98	9.61	-178.20	74.71	195.39	1,765.62	1,743.85	21.77	81.098		
4,400.00	3,993.20	3,867.64	3,855.79	36.10	9.84	-178.11	79.60	200.85	1,821.99	1,799.63	22.36	81.488		
4,500.00	4,079.80	3,950.20	3,938.03	37.22	10.07	-178.01	84.49	206.31	1,878.36	1,855.41	22.95	81.856		
4,600.00	4,166.40	4,032.76	4,020.26	38.34	10.29	-177.93	89.39	211.77	1,934.74	1,911.20	23.54	82.203		
4,700.00	4,253.01	4,115.32	4,102.49	39.45	10.52	-177.84	94.28	217.23	1,991.11	1,966.99	24.13	82.530		
4,800.00	4,339.61	4,197.88	4,184.73	40.57	10.75	-177.77	99.17	222.69	2,047.50	2,022.78	24.72	82.840		
4,900.00	4,426.21	4,280.44	4,266.96	41.69	10.98	-177.69	104.07	228.16	2,103.88	2,078.57	25.31	83.133		
5,000.00	4,512.81	4,363.00	4,349.19	42.81	11.20	-177.62	108.96	233.62	2,160.26	2,134.36	25.90	83.410		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Offset Design Windsor LV 14H - Windsor LV C-14H - Windsor LV C-14H - Windsor LV C-14H														Offset Site Error:	0.00 usft
Survey Program: 0-MWD														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,100.00	4,599.42	4,445.58	4,431.43	43.93	11.43	177.55	113.85	239.08	2,216.65	2,190.16	26.49	83.673			
5,200.00	4,688.02	4,528.12	4,513.66	45.04	11.66	177.49	118.74	244.54	2,273.04	2,245.95	27.08	83.923			
5,300.00	4,772.62	4,610.68	4,595.89	46.16	11.89	177.43	123.64	250.00	2,329.43	2,301.75	27.68	84.160			
5,400.00	4,859.22	4,693.23	4,678.13	47.28	12.12	177.37	128.53	255.46	2,385.82	2,357.55	28.27	84.388			
5,500.00	4,946.34	4,774.11	7,228.90	48.32	67.91	152.87	266.94	-2,159.57	2,354.86	2,284.80	70.06	33.612			
5,600.00	5,035.75	9,617.50	7,228.44	49.13	69.08	149.36	266.69	-2,202.96	2,269.44	2,193.20	76.24	29.767			
5,700.00	5,127.38	9,656.17	7,228.04	49.85	70.13	145.21	266.46	-2,241.63	2,182.14	2,099.01	83.12	26.252			
5,800.00	5,220.98	9,690.02	7,227.68	50.46	71.05	140.35	266.27	-2,275.47	2,093.22	2,002.57	90.65	23.092			
5,900.00	5,316.29	9,718.95	7,227.38	50.98	71.84	134.73	266.10	-2,304.40	2,002.98	1,904.40	98.59	20.316			
6,000.00	5,413.05	9,742.89	7,227.13	51.41	72.49	128.33	265.96	-2,328.34	1,911.73	1,805.22	106.52	17.948			
6,100.00	5,511.00	9,761.77	7,226.93	51.75	73.00	121.29	265.85	-2,347.21	1,819.78	1,705.99	113.79	15.993			
6,200.00	5,609.87	9,775.53	7,226.79	52.01	73.38	113.82	265.77	-2,360.97	1,727.45	1,607.78	119.67	14.435			
6,300.00	5,709.38	9,784.14	7,226.70	52.18	73.61	106.30	265.72	-2,369.58	1,635.09	1,511.51	123.58	13.231			
6,400.00	5,809.27	9,787.58	7,226.66	52.29	73.71	99.10	265.70	-2,373.02	1,543.06	1,417.73	125.33	12.312			
6,500.00	5,909.26	9,786.87	7,226.67	52.34	73.69	-1.63	265.71	-2,372.32	1,451.76	1,326.28	125.48	11.570			
6,600.00	6,009.26	9,785.83	7,226.68	52.39	73.66	-1.53	265.71	-2,371.27	1,361.66	1,236.16	125.50	10.850			
6,700.00	6,109.26	9,784.78	7,226.69	52.45	73.63	-1.43	265.72	-2,370.22	1,273.04	1,147.61	125.53	10.141			
6,800.00	6,209.26	9,783.73	7,226.70	52.50	73.60	-1.33	265.73	-2,369.18	1,186.23	1,060.67	125.56	9.448			
6,900.00	6,309.26	9,782.69	7,226.71	52.56	73.57	-1.23	265.73	-2,368.13	1,101.68	976.08	125.58	8.772			
7,000.00	6,409.26	9,781.64	7,226.72	52.62	73.55	-1.14	265.74	-2,367.08	1,019.89	894.27	125.61	8.119			
7,100.00	6,509.26	9,780.59	7,226.74	52.68	73.52	-1.04	265.74	-2,366.04	941.63	815.99	125.64	7.495			
7,200.00	6,609.26	9,779.54	7,226.75	52.74	73.49	-0.94	265.75	-2,364.99	867.86	742.19	125.67	6.906			
7,300.00	6,709.26	9,778.50	7,226.76	52.80	73.46	-0.84	265.76	-2,363.94	799.80	674.10	125.70	6.363			
7,400.00	6,809.26	9,777.45	7,226.77	52.86	73.43	-0.74	265.76	-2,362.90	739.04	613.31	125.73	5.878			
7,500.00	6,909.26	9,776.40	7,226.78	52.92	73.40	-0.64	265.77	-2,361.85	687.52	561.76	125.76	5.467			
7,600.00	7,009.26	9,775.36	7,226.79	52.98	73.37	-0.55	265.77	-2,360.80	647.44	521.64	125.79	5.147			
7,700.00	7,109.26	9,774.31	7,226.80	53.05	73.35	-0.45	265.78	-2,359.75	621.02	495.20	125.83	4.936			
7,800.00	7,209.26	9,773.26	7,226.81	53.11	73.32	-0.35	265.79	-2,358.71	610.05	484.19	125.86	4.847			
7,817.55	7,226.82	9,773.08	7,226.81	53.12	73.31	-0.33	265.79	-2,358.52	609.80	483.93	125.86	4.845 SF			
7,900.00	7,309.26	9,772.21	7,226.82	53.18	73.29	-0.25	265.79	-2,357.56	615.35	489.45	125.89	4.888			
8,000.00	7,409.26	9,771.17	7,226.83	53.25	73.26	-0.15	265.80	-2,356.61	636.50	510.58	125.93	5.055			
8,100.00	7,509.26	9,770.12	7,226.85	53.31	73.23	-0.05	265.80	-2,355.57	672.03	546.07	125.96	5.335			
8,200.00	7,609.26	9,769.07	7,226.86	53.38	73.20	0.05	265.81	-2,354.52	719.80	593.80	125.99	5.713			
8,300.00	7,709.26	9,768.03	7,226.87	53.45	73.17	0.14	265.82	-2,353.47	777.65	651.52	126.03	6.170			
8,340.74	7,750.00	9,767.60	7,226.87	53.48	73.16	0.18	265.82	-2,353.05	803.46	677.41	126.04	6.374			



Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV D-14H - Windsor LV D-14H - Windsor LV D-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	0.00	0.00	0.00	-179.89	-129.73	-0.25	129.73	129.73	0.00	N/A		
100.00	100.00	101.00	100.00	0.11	0.11	-179.89	-129.73	-0.25	129.73	129.50	0.23	571.461		
200.00	200.00	201.00	200.00	0.34	0.34	-179.89	-129.73	-0.25	129.73	129.05	0.68	191.753		
300.00	300.00	301.00	300.00	0.56	0.56	-179.89	-129.73	-0.25	129.73	128.60	1.13	115.205		
400.00	400.00	401.00	400.00	0.79	0.79	-179.89	-129.73	-0.25	129.73	128.15	1.58	82.336		
500.00	500.00	501.00	500.00	1.01	1.01	-179.89	-129.73	-0.25	129.73	127.70	2.03	64.060		
600.00	600.00	601.00	600.00	1.24	1.24	-179.89	-129.73	-0.25	129.73	127.25	2.47	52.423		
700.00	700.00	701.00	700.00	1.46	1.46	-179.89	-129.73	-0.25	129.73	126.81	2.92	44.366		
800.00	799.95	800.83	799.81	1.67	1.67	-83.52	-129.73	1.52	129.42	126.07	3.35	38.666		
862.63	862.44	862.89	861.80	1.80	1.80	-86.66	-129.73	4.38	129.22	125.61	3.61	35.810 CC		
900.00	899.63	899.68	898.52	1.88	1.88	-89.21	-129.73	6.68	129.35	125.58	3.76	34.358		
1,000.00	998.77	997.75	996.38	2.13	2.10	-97.49	-129.73	13.10	131.48	127.26	4.22	31.123		
1,100.00	1,097.08	1,094.68	1,093.10	2.43	2.32	-107.14	-129.73	19.44	137.86	133.13	4.73	29.139		
1,200.00	1,194.31	1,190.18	1,188.40	2.81	2.54	-117.16	-129.73	25.68	150.42	145.15	5.27	28.534		
1,300.00	1,280.18	1,284.01	1,282.03	3.28	2.76	-126.53	-129.73	31.82	170.38	164.56	5.82	29.278		
1,400.00	1,384.43	1,375.90	1,373.72	3.87	2.98	-134.61	-129.73	37.83	198.01	191.66	6.35	31.171		
1,500.00	1,476.81	1,465.61	1,463.23	4.57	3.20	-141.23	-129.73	43.70	232.97	226.11	6.86	33.940		
1,600.00	1,567.06	1,552.87	1,550.32	5.39	3.41	-146.50	-129.73	49.41	274.65	267.29	7.36	37.327		
1,700.00	1,654.93	1,637.47	1,634.73	6.35	3.62	-150.64	-129.74	54.94	322.42	314.58	7.84	41.118		
1,800.00	1,741.53	1,720.65	1,717.73	7.38	3.82	-154.58	-129.74	60.38	373.74	365.40	8.34	44.800		
1,900.00	1,828.13	1,803.83	1,800.74	8.43	4.03	-157.61	-129.74	65.82	426.11	417.27	8.84	48.187		
2,000.00	1,914.74	1,887.01	1,883.74	9.50	4.23	-159.89	-129.74	71.27	479.19	469.84	9.35	51.260		
2,100.00	2,001.34	1,970.19	1,966.74	10.58	4.44	-161.91	-129.74	76.71	532.76	522.91	9.86	54.060		
2,200.00	2,087.94	2,053.37	2,049.74	11.66	4.65	-163.49	-129.74	82.15	586.70	576.33	10.37	56.584		
2,300.00	2,174.54	2,136.56	2,132.75	12.76	4.86	-164.81	-129.74	87.59	640.90	630.01	10.89	58.865		
2,400.00	2,261.15	2,219.74	2,215.75	13.85	5.07	-165.92	-129.74	93.03	695.31	683.90	11.41	60.929		
2,500.00	2,347.75	2,302.92	2,298.75	14.96	5.27	-166.88	-129.74	98.47	749.88	737.93	11.94	62.801		
2,600.00	2,434.35	2,386.10	2,381.75	16.06	5.48	-167.70	-129.74	103.91	804.67	792.10	12.47	64.500		
2,700.00	2,520.96	2,469.28	2,464.76	17.16	5.69	-168.43	-129.74	109.35	859.37	846.36	13.01	66.047		
2,800.00	2,607.56	2,552.46	2,547.76	18.27	5.90	-169.06	-129.74	114.79	914.26	900.71	13.55	67.459		
2,900.00	2,694.16	2,635.64	2,630.76	19.38	6.11	-169.63	-129.74	120.24	969.22	955.12	14.10	68.752		
3,000.00	2,780.76	2,718.82	2,713.76	20.49	6.32	-170.13	-129.74	125.68	1,024.23	1,009.59	14.64	69.838		
3,100.00	2,867.37	2,802.00	2,796.77	21.60	6.53	-170.59	-129.74	131.12	1,079.30	1,064.10	15.20	71.029		
3,200.00	2,953.97	2,885.18	2,879.77	22.71	6.74	-171.00	-129.74	136.56	1,134.41	1,118.66	15.75	72.035		
3,300.00	3,040.57	2,968.36	2,962.77	23.83	6.95	-171.37	-129.74	142.00	1,189.55	1,173.25	16.30	72.964		
3,400.00	3,127.17	3,051.54	3,045.78	24.94	7.16	-171.71	-129.75	147.44	1,244.73	1,227.87	16.86	73.825		
3,500.00	3,213.78	3,134.72	3,128.78	26.06	7.38	-172.02	-129.75	152.88	1,299.94	1,282.52	17.42	74.624		
3,600.00	3,300.38	3,217.91	3,211.78	27.17	7.59	-172.30	-129.75	158.32	1,355.17	1,337.19	17.98	75.367		
3,700.00	3,386.98	3,301.09	3,294.78	28.29	7.80	-172.57	-129.75	163.76	1,410.42	1,391.88	18.54	76.060		
3,800.00	3,473.58	3,384.27	3,377.79	29.40	8.01	-172.81	-129.75	169.21	1,465.69	1,446.58	19.11	76.706		
3,900.00	3,560.19	3,467.45	3,460.79	30.52	8.22	-173.04	-129.75	174.65	1,520.98	1,501.31	19.67	77.311		
4,000.00	3,646.79	3,550.63	3,543.79	31.63	8.43	-173.25	-129.75	180.09	1,576.28	1,556.04	20.24	77.877		
4,100.00	3,733.39	3,633.81	3,626.79	32.75	8.64	-173.44	-129.75	185.53	1,631.60	1,610.79	20.81	78.409		
4,200.00	3,819.99	3,716.99	3,709.80	33.87	8.85	-173.63	-129.75	190.97	1,686.93	1,665.55	21.38	78.909		
4,300.00	3,906.60	3,800.17	3,792.80	34.98	9.07	-173.80	-129.75	196.41	1,742.27	1,720.32	21.95	79.379		
4,400.00	3,993.20	3,883.35	3,876.80	36.10	9.28	-173.96	-129.75	201.85	1,797.62	1,775.10	22.52	79.822		
4,500.00	4,079.80	3,966.53	3,958.80	37.22	9.49	-174.11	-129.75	207.29	1,852.98	1,829.89	23.09	80.240		
4,600.00	4,166.40	4,049.71	4,041.81	38.34	9.70	-174.25	-129.75	212.73	1,908.35	1,884.69	23.67	80.636		
4,700.00	4,253.01	4,132.89	4,124.61	39.45	9.91	-174.39	-129.75	218.18	1,963.73	1,939.49	24.24	81.009		
4,800.00	4,339.61	4,216.08	4,207.81	40.57	10.12	-174.51	-129.75	223.62	2,019.11	1,994.30	24.82	81.363		
4,900.00	4,426.21	4,299.26	4,290.82	41.69	10.34	-174.63	-129.75	229.06	2,074.50	2,049.11	25.39	81.699		
5,000.00	4,512.81	4,382.44	4,373.82	42.81	10.55	-174.75	-129.75	234.50	2,129.90	2,103.93	25.97	82.017		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Offset Design Windsor LV 14H - Windsor LV D-14H - Windsor LV D-14H - Windsor LV D-14H														Offset Site Error:	0.00 usft
Survey Program: 0-MWD														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Minimum Separation (usft)	Separation Factor	Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)				Between Centres (usft)	Between Ellipses (usft)		
5,100.00	4,699.42	4,465.62	4,456.82	43.93	10.76	-174.86	-129.76	239.94	2,185.30	2,168.76	26.55	82.320			
5,200.00	4,686.02	4,548.80	4,539.82	45.04	10.97	-174.96	-129.76	245.38	2,240.71	2,213.58	27.12	82.807			
5,300.00	4,772.82	4,631.98	4,622.83	46.16	11.18	-175.06	-129.76	250.82	2,296.12	2,268.42	27.70	82.881			
5,400.00	4,859.22	4,716.16	4,705.83	47.28	11.40	-175.15	-129.76	256.26	2,351.54	2,323.25	28.28	83.142			
5,500.00	4,946.34	4,804.92	4,795.45	48.32	11.64	-175.24	-144.71	-2,157.15	2,285.34	2,241.19	44.15	51.768			
5,600.00	5,035.75	4,898.31	4,889.00	49.13	11.87	-175.36	-144.96	-2,200.54	2,196.20	2,149.34	46.86	46.871			
5,700.00	5,127.38	4,936.98	4,927.59	49.85	12.09	-175.48	-145.18	-2,239.21	2,104.92	2,054.88	50.24	41.896			
5,800.00	5,220.98	4,970.83	4,961.24	50.48	12.30	-175.60	-145.37	-2,273.06	2,011.76	1,957.12	54.64	36.816			
5,900.00	5,316.29	4,999.76	4,990.94	50.98	12.50	-175.72	-145.54	-2,301.99	1,916.96	1,856.38	60.58	31.642			
6,000.00	5,413.05	5,023.70	5,014.68	51.41	12.73	-175.83	-145.68	-2,325.92	1,820.80	1,751.97	68.83	26.453			
6,100.00	5,511.00	5,122.57	5,113.49	51.75	12.94	-175.94	-145.79	-2,344.80	1,723.54	1,643.15	80.38	21.442			
6,200.00	5,609.87	5,226.33	5,217.34	52.01	13.15	-176.05	-145.87	-2,358.56	1,625.44	1,529.58	95.86	16.957			
6,300.00	5,709.38	5,324.95	5,315.25	52.18	13.35	-176.16	-145.92	-2,367.17	1,526.78	1,413.55	113.23	13.484			
6,400.00	5,809.27	5,428.38	5,418.22	52.29	13.55	-176.27	-145.94	-2,370.61	1,427.84	1,303.27	124.57	11.482			
6,500.00	5,909.26	5,527.68	5,517.22	52.34	13.73	-176.38	-145.93	-2,369.90	1,328.89	1,203.53	125.36	10.601			
6,600.00	6,009.26	5,626.83	5,616.24	52.39	13.90	-176.49	-145.93	-2,368.86	1,230.10	1,104.71	125.39	9.810			
6,700.00	6,109.26	5,726.59	5,716.25	52.45	14.07	-176.60	-145.92	-2,367.81	1,131.53	1,006.11	125.42	9.022			
6,800.00	6,209.26	5,826.54	5,816.26	52.50	14.24	-176.71	-145.92	-2,366.76	1,033.23	907.78	125.45	8.236			
6,900.00	6,309.26	5,926.49	5,916.27	52.56	14.41	-176.82	-145.91	-2,365.72	935.28	809.81	125.47	7.454			
7,000.00	6,409.26	6,026.45	6,016.28	52.62	14.59	-176.93	-145.90	-2,364.67	837.83	712.33	125.50	6.676			
7,100.00	6,509.26	6,126.40	6,116.29	52.68	14.76	-177.04	-145.90	-2,363.62	741.05	615.53	125.52	5.904			
7,200.00	6,609.26	6,226.35	6,216.30	52.74	14.93	-177.15	-145.89	-2,362.57	645.25	519.71	125.54	5.140			
7,300.00	6,709.26	6,326.30	6,316.31	52.80	15.10	-177.26	-145.89	-2,361.53	550.94	425.39	125.55	4.388			
7,400.00	6,809.26	6,426.26	6,416.32	52.86	15.27	-177.37	-145.88	-2,360.48	459.05	333.48	125.57	3.656			
7,500.00	6,909.26	6,526.21	6,516.33	52.92	15.44	-177.48	-145.87	-2,359.43	371.37	245.79	125.58	2.957			
7,600.00	7,009.26	6,626.16	6,616.34	52.98	15.61	-177.59	-145.87	-2,358.39	291.72	166.13	125.59	2.323			
7,700.00	7,109.26	6,726.12	6,716.36	53.05	15.78	-177.70	-145.86	-2,357.34	228.65	103.05	125.60	1.821			
7,800.00	7,209.26	6,826.07	6,816.37	53.11	15.95	-177.81	-145.86	-2,356.29	198.65	73.05	125.60	1.582			
7,814.07	7,223.33	6,853.92	6,843.37	53.12	16.00	-177.82	-145.85	-2,356.14	198.15	72.55	125.60	1.578 ES, SF			
7,900.00	7,309.26	6,926.02	6,916.38	53.18	16.15	-177.93	-145.85	-2,355.25	216.96	90.36	125.60	1.719			
8,000.00	7,409.26	7,026.97	7,016.39	53.25	16.30	-178.04	-145.84	-2,354.20	271.69	146.09	125.61	2.163			
8,100.00	7,509.26	7,126.93	7,116.40	53.31	16.45	-178.15	-145.84	-2,353.15	347.84	222.23	125.60	2.769			
8,200.00	7,609.26	7,226.88	7,216.41	53.38	16.60	-178.26	-145.83	-2,352.10	433.78	308.18	125.60	3.454			
8,300.00	7,709.26	7,326.83	7,316.42	53.45	16.75	-178.37	-145.83	-2,351.06	524.72	399.13	125.60	4.178			
8,340.74	7,750.00	7,367.41	7,356.43	53.48	16.80	-178.48	-145.82	-2,350.63	562.65	437.06	125.59	4.480			



Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Windsor LV 14H - Windsor LV E-14H - Windsor LV E-14H - Windsor LV E-14H														Offset Site Error: 0.00 usft
Survey Program: O-MWD														Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Minimum Separation (usft)	Separation Factor	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)				Measured Depth (usft)	Vertical Depth (usft)	
0.00	0.00	1.00	0.00	0.00	0.00	-179.91	-162.51	-0.25	162.51					
100.00	100.00	101.00	100.00	0.11	0.11	-179.91	-162.51	-0.25	162.51	162.29	0.23	715.878		
200.00	200.00	201.00	200.00	0.34	0.34	-179.91	-162.51	-0.25	162.51	161.84	0.68	240.211		
300.00	300.00	301.00	300.00	0.56	0.56	-179.91	-162.51	-0.25	162.51	161.39	1.13	144.319		
400.00	400.00	401.00	400.00	0.79	0.79	-179.91	-162.51	-0.25	162.51	160.94	1.58	103.144		
500.00	500.00	501.00	500.00	1.01	1.01	-179.91	-162.51	-0.25	162.51	160.49	2.03	80.248		
600.00	600.00	601.00	600.00	1.24	1.24	-179.91	-162.51	-0.25	162.51	160.04	2.47	65.671		
666.33	666.33	667.33	666.33	1.39	1.39	-179.91	-162.51	-0.25	162.51	159.74	2.77	58.609	CC	
700.00	700.00	700.00	699.00	1.46	1.46	-179.91	-162.51	-0.25	162.51	159.50	2.92	55.619		
800.00	799.95	797.09	796.07	1.87	1.66	-82.87	-163.64	0.85	163.35	160.02	3.33	49.060		
900.00	899.63	892.42	891.27	1.88	1.84	-86.52	-166.85	4.45	166.31	162.58	3.72	44.655		
1,000.00	998.77	987.72	986.25	2.13	2.04	-92.18	-172.29	10.12	172.62	168.45	4.17	41.425		
1,100.00	1,097.08	1,084.84	1,082.79	2.43	2.26	-99.07	-178.21	16.39	182.14	177.47	4.87	39.009		
1,200.00	1,194.31	1,180.19	1,177.96	2.81	2.48	-106.39	-184.04	22.57	195.77	190.54	5.23	37.436		
1,300.00	1,290.18	1,274.11	1,271.51	3.28	2.71	-113.64	-189.77	28.65	214.69	208.85	5.84	36.787		
1,400.00	1,384.43	1,368.15	1,363.19	3.87	2.95	-120.41	-195.38	34.60	239.66	233.18	6.48	36.980		
1,500.00	1,476.81	1,456.05	1,452.73	4.57	3.18	-126.44	-200.87	40.42	271.01	263.87	7.14	37.965		
1,600.00	1,567.06	1,543.57	1,539.90	5.39	3.41	-131.62	-206.21	46.08	308.69	300.89	7.80	39.568		
1,700.00	1,654.93	1,628.46	1,624.45	6.35	3.63	-135.97	-211.39	51.57	352.45	343.98	8.47	41.609		
1,800.00	1,741.63	1,711.95	1,707.82	7.38	3.85	-140.48	-216.49	56.97	400.21	391.09	9.11	43.909		
1,900.00	1,828.13	1,795.45	1,790.79	8.43	4.08	-144.09	-221.58	62.37	449.62	439.69	9.74	46.182		
2,000.00	1,914.74	1,878.95	1,873.96	9.50	4.30	-147.02	-226.68	67.78	500.22	489.87	10.34	48.361		
2,100.00	2,001.34	1,962.45	1,957.13	10.68	4.53	-149.44	-231.77	73.18	551.66	540.71	10.94	50.416		
2,200.00	2,087.94	2,045.95	2,040.29	11.66	4.76	-151.47	-236.87	78.58	603.73	592.19	11.64	52.335		
2,300.00	2,174.54	2,129.45	2,123.46	12.76	4.99	-153.18	-241.96	83.98	656.28	644.16	12.13	54.116		
2,400.00	2,261.15	2,212.95	2,206.63	13.85	5.22	-154.64	-247.06	89.38	709.21	696.50	12.72	55.764		
2,500.00	2,347.75	2,296.45	2,289.80	14.96	5.45	-155.91	-252.15	94.79	762.44	749.13	13.31	57.286		
2,600.00	2,434.35	2,379.95	2,372.97	16.06	5.68	-157.02	-257.25	100.19	815.91	802.00	13.90	58.692		
2,700.00	2,520.96	2,463.45	2,456.14	17.16	5.91	-157.99	-262.34	105.59	869.57	855.07	14.50	59.990		
2,800.00	2,607.56	2,546.95	2,539.31	18.27	6.14	-158.85	-267.44	110.98	923.39	908.30	15.09	61.191		
2,900.00	2,694.16	2,630.45	2,622.48	19.38	6.37	-159.62	-272.53	116.39	977.34	961.65	15.69	62.303		
3,000.00	2,780.76	2,713.95	2,705.64	20.49	6.60	-160.30	-277.63	121.80	1,031.41	1,015.12	16.29	63.334		
3,100.00	2,867.37	2,797.45	2,788.81	21.60	6.84	-160.92	-282.72	127.20	1,085.57	1,068.69	16.89	64.281		
3,200.00	2,953.97	2,880.95	2,871.08	22.71	7.07	-161.49	-287.82	132.60	1,139.82	1,122.33	17.49	65.180		
3,300.00	3,040.57	2,964.45	2,955.15	23.83	7.30	-162.00	-292.91	138.00	1,194.14	1,176.05	18.09	66.009		
3,400.00	3,127.17	3,047.95	3,038.32	24.94	7.54	-162.47	-298.01	143.40	1,248.52	1,229.82	18.70	66.782		
3,500.00	3,213.78	3,131.45	3,121.49	26.06	7.77	-162.89	-303.10	148.81	1,302.95	1,283.65	19.30	67.504		
3,600.00	3,300.38	3,214.95	3,204.66	27.17	8.01	-163.29	-308.20	154.21	1,357.43	1,337.53	19.91	68.180		
3,700.00	3,386.98	3,298.45	3,287.83	28.29	8.24	-163.65	-313.29	159.61	1,411.96	1,391.44	20.52	68.814		
3,800.00	3,473.58	3,381.95	3,370.99	29.40	8.48	-163.99	-318.39	165.01	1,466.52	1,445.39	21.13	69.408		
3,900.00	3,560.19	3,465.45	3,454.16	30.52	8.71	-164.30	-323.48	170.41	1,521.12	1,499.38	21.74	69.967		
4,000.00	3,646.79	3,548.95	3,537.33	31.63	8.94	-164.60	-328.58	175.82	1,575.74	1,553.39	22.35	70.493		
4,100.00	3,733.39	3,632.45	3,620.50	32.75	9.18	-164.87	-333.68	181.22	1,630.39	1,607.43	22.97	70.989		
4,200.00	3,819.99	3,715.95	3,703.67	33.87	9.42	-165.12	-338.77	186.62	1,685.07	1,661.49	23.58	71.457		
4,300.00	3,906.60	3,799.45	3,786.84	34.98	9.65	-165.36	-343.87	192.02	1,739.77	1,715.57	24.20	71.900		
4,400.00	3,993.20	3,882.94	3,870.01	36.10	9.89	-165.59	-348.96	197.42	1,794.49	1,769.67	24.81	72.318		
4,500.00	4,079.80	3,966.44	3,953.18	37.22	10.12	-165.80	-354.06	202.83	1,849.22	1,823.79	25.43	72.714		
4,600.00	4,166.40	4,049.94	4,036.34	38.34	10.36	-166.00	-359.15	208.23	1,903.97	1,877.93	26.05	73.090		
4,700.00	4,253.01	4,133.44	4,119.51	39.45	10.59	-166.19	-364.25	213.63	1,958.74	1,932.07	26.67	73.446		
4,800.00	4,339.61	4,216.94	4,202.68	40.57	10.83	-166.36	-369.34	219.03	2,013.53	1,986.24	27.29	73.785		
4,900.00	4,426.21	4,300.44	4,285.85	41.69	11.06	-166.53	-374.44	224.43	2,068.32	2,040.41	27.91	74.107		
5,000.00	4,512.81	4,383.94	4,369.02	42.81	11.30	-166.69	-379.53	229.84	2,123.13	2,094.60	28.53	74.413		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV E-14H - Windsor LV E-14H - Windsor LV E-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum		Separation		Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,599.42	4,467.44	4,452.19	43.93	11.54	-166.84	-384.63	235.24	2,177.95	2,148.79	29.15	74.705		
5,200.00	4,686.02	4,550.94	4,535.36	45.04	11.77	-166.99	-389.72	240.64	2,232.78	2,203.00	29.78	74.984		
5,300.00	4,772.62	4,634.44	4,618.53	46.16	12.01	-167.13	-394.82	246.04	2,287.61	2,257.21	30.40	75.249		
5,400.00	4,859.22	4,717.94	4,701.69	47.28	12.24	-167.26	-399.91	251.44	2,342.46	2,311.44	31.02	75.503		
5,500.00	4,946.34	4,805.99	4,789.04	48.32	12.43	-167.34	-405.00	256.84	2,397.29	2,365.59	31.64	75.757		
5,600.00	5,033.75	4,893.38	4,875.68	49.13	12.61	-167.37	-410.09	262.24	2,452.11	2,419.11	32.26	76.011		
5,700.00	5,121.38	4,980.05	4,961.18	49.85	12.79	-167.39	-415.18	267.64	2,506.93	2,472.53	32.88	76.265		
5,800.00	5,209.98	5,067.90	5,047.82	50.46	12.96	-167.39	-420.27	273.04	2,561.75	2,527.15	33.50	76.519		
5,900.00	5,316.29	5,170.84	5,149.52	50.98	13.13	-167.35	-425.36	278.44	2,616.57	2,580.57	34.12	76.773		
6,000.00	5,413.05	5,272.77	5,250.27	51.41	13.30	-167.29	-430.45	283.84	2,671.39	2,634.39	34.74	77.027		
6,100.00	5,511.00	5,374.65	5,350.05	51.75	13.47	-167.21	-435.54	289.24	2,726.21	2,687.21	35.36	77.281		
6,200.00	5,609.87	5,477.41	5,451.63	52.01	13.64	-167.11	-440.63	294.64	2,781.03	2,741.03	35.98	77.535		
6,300.00	5,709.38	5,580.02	5,553.02	52.18	13.81	-166.99	-445.72	299.99	2,835.85	2,793.55	36.60	77.789		
6,400.00	5,809.27	5,683.46	5,655.36	52.29	13.98	-166.84	-450.81	305.39	2,890.67	2,846.37	37.22	78.043		
6,500.00	5,909.26	5,786.76	5,757.81	52.34	14.15	-166.67	-455.90	310.79	2,945.49	2,898.59	37.84	78.297		
6,600.00	6,009.26	5,890.71	5,860.52	52.39	14.32	-166.47	-461.00	316.19	2,999.91	2,951.01	38.46	78.551		
6,700.00	6,109.26	5,995.66	5,964.23	52.45	14.49	-166.24	-466.09	321.59	3,054.33	3,002.93	39.08	78.805		
6,800.00	6,209.26	6,099.61	6,067.03	52.50	14.66	-166.00	-471.18	326.99	3,108.75	3,055.35	39.70	79.059		
6,900.00	6,309.26	6,204.57	6,170.85	52.56	14.83	-165.74	-476.27	332.39	3,163.17	3,108.57	40.32	79.313		
7,000.00	6,409.26	6,309.52	6,274.86	52.62	15.00	-165.47	-481.36	337.79	3,217.59	3,160.99	40.94	79.567		
7,100.00	6,509.26	6,414.47	6,378.87	52.68	15.17	-165.19	-486.45	343.19	3,271.99	3,213.39	41.56	79.821		
7,200.00	6,609.26	6,519.43	6,482.89	52.74	15.34	-164.90	-491.54	348.59	3,326.41	3,267.81	42.18	80.075		
7,300.00	6,709.26	6,624.38	6,586.90	52.80	15.51	-164.59	-496.63	353.99	3,380.83	3,321.23	42.80	80.329		
7,400.00	6,809.26	6,729.33	6,690.91	52.86	15.68	-164.26	-501.72	359.39	3,435.25	3,375.65	43.42	80.583		
7,500.00	6,909.26	6,834.29	6,794.92	52.92	15.85	-163.92	-506.81	364.79	3,489.67	3,429.07	44.04	80.837		
7,600.00	7,009.26	6,939.24	6,898.93	52.98	16.02	-163.57	-511.90	370.19	3,544.09	3,483.49	44.66	81.091		
7,700.00	7,109.26	7,044.19	6,998.94	53.05	16.19	-163.21	-516.99	375.59	3,598.51	3,537.91	45.28	81.345		
7,800.00	7,209.26	7,149.14	7,098.95	53.11	16.36	-162.84	-522.08	380.99	3,652.93	3,592.33	45.90	81.599		
7,811.64	7,220.81	7,160.02	7,109.95	53.12	16.36	-162.84	-522.08	380.99	3,652.93	3,592.33	45.90	81.599		
7,900.00	7,309.26	7,254.10	7,202.96	53.18	16.53	-162.47	-527.17	386.39	3,707.35	3,646.75	46.52	81.853		
8,000.00	7,409.26	7,359.05	7,302.97	53.25	16.70	-162.09	-532.26	391.79	3,761.77	3,701.17	47.14	82.107		
8,100.00	7,509.26	7,463.00	7,402.98	53.31	16.87	-161.71	-537.35	397.19	3,816.19	3,755.59	47.76	82.361		
8,200.00	7,609.26	7,567.96	7,502.00	53.38	17.04	-161.32	-542.44	402.59	3,870.61	3,809.01	48.38	82.615		
8,300.00	7,709.26	7,672.91	7,602.01	53.45	17.21	-160.93	-547.53	407.99	3,925.03	3,862.43	49.00	82.869		
8,340.74	7,750.00	7,713.48	7,621.01	53.48	17.28	-160.84	-549.03	410.49	3,945.27	3,882.67	49.24	82.979		



Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV F-14H - Windsor LV F-14H - Windsor LV F-14H													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	0.00	0.00	0.00	-179.11	-195.30	-3.03	195.32	195.32	0.00	N/A	
100.00	100.00	102.00	100.00	0.11	0.12	-179.11	-195.30	-3.03	195.32	195.09	0.23	851.961	
200.00	200.00	202.00	200.00	0.34	0.34	-179.11	-195.30	-3.03	195.32	194.84	0.68	287.749	
300.00	300.00	302.00	300.00	0.56	0.57	-179.11	-195.30	-3.03	195.32	194.19	1.13	173.108	
400.00	400.00	402.00	400.00	0.79	0.79	-179.11	-195.30	-3.03	195.32	193.74	1.58	123.789	
500.00	500.00	502.00	500.00	1.01	1.02	-179.11	-195.30	-3.03	195.32	193.29	2.03	96.342	
600.00	600.00	602.00	600.00	1.24	1.24	-179.11	-195.30	-3.03	195.32	192.84	2.48	78.857	
665.99	665.99	667.99	665.99	1.38	1.39	-179.11	-195.30	-3.03	195.32	192.55	2.77	70.423 CC	
700.00	700.00	700.00	698.00	1.46	1.46	-179.11	-195.30	-3.03	195.33	192.41	2.92	66.850 ES	
800.00	799.95	799.12	794.10	1.67	1.65	-81.70	-196.73	-2.29	196.44	193.11	3.32	58.086	
900.00	899.63	899.73	887.59	1.88	1.83	-84.29	-200.87	-0.14	199.98	196.27	3.71	53.895	
1,000.00	998.77	982.10	979.65	2.13	2.01	-88.30	-207.62	3.36	206.83	202.69	4.14	49.954	
1,100.00	1,097.08	1,072.68	1,069.63	2.43	2.22	-93.27	-218.78	8.12	218.20	213.57	4.63	47.092	
1,200.00	1,194.31	1,165.63	1,161.68	2.81	2.46	-98.97	-228.21	14.05	234.72	229.51	5.21	45.071	
1,300.00	1,290.18	1,259.25	1,254.37	3.28	2.72	-104.87	-239.87	20.10	255.33	249.48	5.86	43.596	
1,400.00	1,384.43	1,351.04	1,345.26	3.87	2.99	-110.53	-251.29	26.03	280.88	274.09	6.57	42.721	
1,500.00	1,476.81	1,440.74	1,434.08	4.57	3.27	-115.77	-262.46	31.83	311.22	303.88	7.34	42.423	
1,600.00	1,567.06	1,528.12	1,520.59	5.39	3.54	-120.45	-273.34	37.47	347.27	339.12	8.14	42.646	
1,700.00	1,654.93	1,612.93	1,604.56	6.35	3.81	-124.55	-283.89	42.95	388.84	379.86	8.98	43.280	
1,800.00	1,741.53	1,696.38	1,687.19	7.38	4.08	-129.10	-294.28	48.34	434.38	424.58	9.80	44.309	
1,900.00	1,828.13	1,779.83	1,769.81	8.43	4.36	-132.86	-304.67	53.73	481.93	471.34	10.59	45.495	
2,000.00	1,914.74	1,863.28	1,852.44	9.50	4.63	-135.99	-315.06	59.12	530.94	519.58	11.36	46.738	
2,100.00	2,001.34	1,946.73	1,935.07	10.58	4.91	-138.63	-325.44	64.51	581.04	568.93	12.11	47.979	
2,200.00	2,087.94	2,030.18	2,017.69	11.66	5.19	-140.87	-335.83	69.91	631.67	619.12	12.85	49.187	
2,300.00	2,174.54	2,113.63	2,100.32	12.76	5.48	-142.79	-346.22	75.30	683.55	669.97	13.58	50.342	
2,400.00	2,261.15	2,197.08	2,182.94	13.85	5.76	-144.45	-356.61	80.69	735.64	721.34	14.30	51.436	
2,500.00	2,347.75	2,280.53	2,265.57	14.96	6.05	-145.90	-367.00	86.08	788.14	773.12	15.02	52.466	
2,600.00	2,434.35	2,363.98	2,348.19	16.06	6.33	-147.17	-377.38	91.47	840.97	825.24	15.74	53.432	
2,700.00	2,520.96	2,447.43	2,430.82	17.16	6.62	-148.30	-387.77	96.86	894.08	877.83	16.45	54.338	
2,800.00	2,607.56	2,530.88	2,513.44	18.27	6.91	-149.31	-398.16	102.25	947.42	930.26	17.17	55.184	
2,900.00	2,694.16	2,614.33	2,596.07	19.38	7.19	-150.21	-408.55	107.65	1,000.94	983.06	17.88	55.976	
3,000.00	2,780.76	2,697.78	2,678.69	20.49	7.48	-151.02	-418.93	113.04	1,054.63	1,036.04	18.59	56.717	
3,100.00	2,867.37	2,781.23	2,761.32	21.60	7.77	-151.75	-429.32	118.43	1,108.46	1,089.15	19.31	57.410	
3,200.00	2,953.97	2,864.68	2,843.94	22.71	8.06	-152.42	-439.71	123.82	1,162.40	1,142.38	20.02	58.060	
3,300.00	3,040.57	2,948.13	2,926.57	23.83	8.35	-153.03	-450.10	129.21	1,216.45	1,195.72	20.73	58.669	
3,400.00	3,127.17	3,031.58	3,009.19	24.94	8.64	-153.58	-460.49	134.60	1,270.59	1,249.15	21.45	59.240	
3,500.00	3,213.78	3,116.03	3,091.82	26.06	8.94	-154.10	-470.87	139.99	1,324.81	1,302.65	22.16	59.777	
3,600.00	3,300.38	3,198.48	3,174.44	27.17	9.23	-154.57	-481.26	145.38	1,379.10	1,356.23	22.88	60.283	
3,700.00	3,386.98	3,281.93	3,257.07	28.29	9.52	-155.01	-491.65	150.78	1,433.45	1,409.86	23.59	60.759	
3,800.00	3,473.58	3,365.38	3,339.69	29.40	9.81	-155.41	-502.04	156.17	1,487.86	1,463.55	24.31	61.207	
3,900.00	3,560.19	3,448.83	3,422.32	30.52	10.10	-155.79	-512.43	161.56	1,542.32	1,517.29	25.02	61.631	
4,000.00	3,646.79	3,532.28	3,504.94	31.63	10.39	-156.14	-522.81	166.95	1,596.82	1,571.07	25.74	62.032	
4,100.00	3,733.39	3,615.73	3,587.57	32.75	10.69	-156.47	-533.20	172.34	1,651.36	1,624.80	26.46	62.411	
4,200.00	3,819.99	3,699.18	3,670.19	33.87	10.98	-156.78	-543.59	177.73	1,705.93	1,678.75	27.18	62.770	
4,300.00	3,906.60	3,782.63	3,752.82	34.98	11.27	-157.07	-553.98	183.12	1,760.54	1,732.64	27.90	63.111	
4,400.00	3,993.20	3,866.08	3,835.44	36.10	11.57	-157.34	-564.36	188.51	1,815.18	1,786.56	28.62	63.434	
4,500.00	4,079.80	3,949.53	3,918.07	37.22	11.86	-157.59	-574.75	193.91	1,869.84	1,840.51	29.34	63.741	
4,600.00	4,166.40	4,032.98	4,000.69	38.34	12.15	-157.84	-585.14	199.30	1,924.53	1,894.48	30.06	64.033	
4,700.00	4,253.01	4,116.43	4,083.32	39.45	12.45	-158.08	-595.53	204.69	1,979.25	1,948.47	30.78	64.311	
4,800.00	4,339.61	4,199.88	4,165.94	40.57	12.74	-158.28	-605.92	210.08	2,033.98	2,002.48	31.50	64.577	
4,900.00	4,426.21	4,283.33	4,248.57	41.69	13.03	-158.48	-616.30	215.47	2,088.74	2,056.52	32.22	64.830	
5,000.00	4,512.81	4,366.78	4,331.19	42.81	13.33	-158.68	-626.69	220.86	2,143.51	2,110.57	32.94	65.071	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV F-14H - Windsor LV F-14H - Windsor LV F-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
5,100.00	4,699.42	4,460.23	4,413.82	43.93	13.62	-158.86	-837.08	226.25	2,198.29	2,164.63	33.66	65.301		
5,200.00	4,688.02	4,533.68	4,496.44	45.04	13.92	-159.04	-647.47	231.65	2,253.10	2,218.71	34.39	65.522		
5,300.00	4,772.62	4,617.13	4,579.07	46.16	14.21	-159.21	-657.88	237.04	2,307.91	2,272.80	35.11	65.733		
5,400.00	4,859.22	4,700.58	4,661.69	47.28	14.50	-159.37	-668.24	242.43	2,362.74	2,326.91	35.83	65.935		
5,500.00	4,946.34	4,782.73	4,719.59	48.32	67.71	-144.56	-1,008.05	-2,152.13	2,377.65	2,304.16	73.49	32.354		
5,600.00	5,035.75	4,868.12	4,719.13	49.13	68.88	-140.27	-1,008.30	-2,195.52	2,290.00	2,209.65	80.35	28.502		
5,700.00	5,127.38	4,964.79	4,718.73	49.85	69.92	-135.15	-1,008.52	-2,234.19	2,200.68	2,112.58	88.10	24.979		
5,800.00	5,220.98	4,998.63	4,718.37	50.46	70.84	-129.09	-1,008.72	-2,268.03	2,110.01	2,013.46	96.55	21.855		
5,900.00	5,316.29	5,027.57	4,718.07	50.98	71.62	-122.11	-1,008.88	-2,296.96	2,018.31	1,913.12	105.19	19.187		
6,000.00	5,413.05	5,051.50	4,717.82	51.41	72.27	-114.33	-1,009.02	-2,320.90	1,925.94	1,812.71	113.23	17.010		
6,100.00	5,511.00	5,070.38	4,717.62	51.75	72.78	-106.07	-1,009.13	-2,339.77	1,833.26	1,713.56	119.70	15.316		
6,200.00	5,609.87	5,084.14	4,717.48	52.01	73.15	-97.79	-1,009.21	-2,353.53	1,740.66	1,616.79	123.87	14.053		
6,300.00	5,709.38	5,092.75	4,717.39	52.18	73.39	-89.99	-1,009.26	-2,362.14	1,648.55	1,523.01	125.54	13.132		
6,400.00	5,809.27	5,096.18	4,717.35	52.29	73.48	-83.05	-1,009.28	-2,365.57	1,557.40	1,432.29	125.11	12.449		
6,500.00	5,909.26	5,095.48	4,717.36	52.34	73.46	-179.15	-1,009.28	-2,364.87	1,467.58	1,343.00	124.59	11.780		
6,600.00	6,009.26	5,094.43	4,717.37	52.39	73.43	-179.24	-1,009.27	-2,363.82	1,379.19	1,254.56	124.64	11.066		
6,700.00	6,109.26	5,093.38	4,717.38	52.45	73.40	-179.33	-1,009.26	-2,362.77	1,292.50	1,167.81	124.69	10.366		
6,800.00	6,209.26	5,092.33	4,717.39	52.50	73.37	-179.42	-1,009.26	-2,361.73	1,207.86	1,083.12	124.74	9.683		
6,900.00	6,309.26	5,091.29	4,717.40	52.56	73.35	-179.51	-1,009.25	-2,360.68	1,125.75	1,000.95	124.80	9.021		
7,000.00	6,409.26	5,090.24	4,717.41	52.62	73.32	-179.60	-1,009.25	-2,359.63	1,046.75	921.89	124.85	8.384		
7,100.00	6,509.26	5,089.19	4,717.42	52.68	73.29	-179.69	-1,009.24	-2,358.58	971.62	846.71	124.91	7.779		
7,200.00	6,609.26	5,088.14	4,717.43	52.74	73.26	-179.78	-1,009.23	-2,357.53	901.34	776.38	124.96	7.213		
7,300.00	6,709.26	5,087.09	4,717.44	52.80	73.23	-179.87	-1,009.23	-2,356.48	837.12	712.10	125.02	6.696		
7,400.00	6,809.26	5,086.04	4,717.46	52.86	73.20	-179.96	-1,009.22	-2,355.44	780.47	655.40	125.08	6.240		
7,500.00	6,909.26	5,085.00	4,717.47	52.92	73.18	-179.95	-1,009.22	-2,354.39	733.14	608.01	125.14	5.859		
7,600.00	7,009.26	5,083.95	4,717.48	52.98	73.15	-179.86	-1,009.21	-2,353.34	697.04	571.84	125.19	5.568		
7,700.00	7,109.26	5,082.90	4,717.49	53.05	73.12	-179.77	-1,009.20	-2,352.29	673.96	548.70	125.25	5.381		
7,800.00	7,209.26	5,081.85	4,717.50	53.11	73.09	-179.68	-1,009.20	-2,351.24	665.26	539.95	125.31	5.309		
7,808.23	7,217.50	5,081.76	4,717.50	53.12	73.09	-179.67	-1,009.20	-2,351.16	665.21	539.89	125.32	5.308 SF		
7,900.00	7,309.26	5,080.80	4,717.51	53.18	73.06	-179.59	-1,009.19	-2,350.20	671.51	546.14	125.37	5.356		
8,000.00	7,409.26	5,079.75	4,717.52	53.25	73.03	-179.50	-1,009.19	-2,349.15	692.29	586.86	125.43	5.519		
8,100.00	7,509.26	5,078.71	4,717.53	53.31	73.00	-179.41	-1,009.18	-2,348.10	726.37	600.88	125.49	5.788		
8,200.00	7,609.26	5,077.66	4,717.54	53.36	72.98	-179.32	-1,009.17	-2,347.05	771.99	646.43	125.56	6.149		
8,300.00	7,709.26	5,076.61	4,717.55	53.45	72.95	-179.22	-1,009.17	-2,346.00	827.23	701.61	125.62	6.686		
8,340.74	7,750.00	5,076.18	4,717.56	53.48	72.94	-179.19	-1,009.16	-2,345.58	852.07	726.43	125.64	6.782		



**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Offset Design Windsor LV 14H - Windsor LV G-14H - Windsor LV G-14H - Windsor LV G-14H														Offset Site Error:	0.00 usft
Survey Program: 0-MWD														Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
0.00	0.00	3.00	0.00	0.00	0.00	-179.24	-228.09	-3.03	228.11	228.10	0.00	N/A			
100.00	100.00	103.00	100.00	0.11	0.12	-179.24	-228.09	-3.03	228.11	227.88	0.23	985.305			
200.00	200.00	203.00	200.00	0.34	0.34	-179.24	-228.09	-3.03	228.11	227.43	0.68	334.939			
300.00	300.00	303.00	300.00	0.56	0.57	-179.24	-228.09	-3.03	228.11	226.98	1.13	201.762			
400.00	400.00	403.00	400.00	0.79	0.79	-179.24	-228.09	-3.03	228.11	226.53	1.58	144.362			
500.00	500.00	503.00	500.00	1.01	1.02	-179.24	-228.09	-3.03	228.11	226.08	2.03	112.388			
600.00	600.00	603.00	600.00	1.24	1.24	-179.24	-228.09	-3.03	228.11	225.63	2.48	92.009			
655.64	655.64	658.64	655.64	1.38	1.39	-179.24	-228.09	-3.03	228.11	225.33	2.77	82.224 CC			
700.00	700.00	700.00	697.00	1.46	1.46	-179.24	-228.09	-3.03	228.13	225.20	2.92	78.073 ES			
800.00	799.95	795.71	792.69	1.67	1.65	-81.62	-229.60	-2.52	229.34	226.02	3.32	69.017			
900.00	899.63	888.09	884.96	1.88	1.82	-83.64	-233.94	-1.06	233.07	229.37	3.70	62.908			
1,000.00	998.77	979.41	975.97	2.13	2.00	-86.77	-240.99	1.32	239.94	235.81	4.13	58.100			
1,100.00	1,097.08	1,069.17	1,065.15	2.43	2.21	-90.73	-250.60	4.56	250.87	246.25	4.62	54.322			
1,200.00	1,194.31	1,158.91	1,151.97	2.81	2.43	-95.13	-262.54	8.58	266.82	261.64	5.19	51.442			
1,300.00	1,290.18	1,242.19	1,235.96	3.28	2.69	-99.61	-276.56	13.31	288.67	282.82	5.85	49.385			
1,400.00	1,384.43	1,329.89	1,321.93	3.87	2.98	-104.17	-292.98	18.85	316.51	309.91	6.80	47.942			
1,500.00	1,476.81	1,419.03	1,409.27	4.57	3.31	-108.64	-309.87	24.54	348.82	341.38	7.43	46.937			
1,600.00	1,567.06	1,505.92	1,494.40	5.39	3.64	-112.71	-326.33	30.09	385.70	377.36	8.33	46.290			
1,700.00	1,654.93	1,590.31	1,577.09	6.35	3.97	-116.34	-342.31	35.48	427.33	418.03	9.29	45.975			
1,800.00	1,741.53	1,673.37	1,658.48	7.38	4.30	-120.66	-358.05	40.78	472.59	462.33	10.26	46.077			
1,900.00	1,828.13	1,756.43	1,739.86	8.43	4.64	-124.29	-373.78	46.08	519.88	508.69	11.19	46.446			
2,000.00	1,914.74	1,839.50	1,821.25	9.50	4.99	-127.37	-389.51	51.39	568.89	556.58	12.11	46.957			
2,100.00	2,001.34	1,922.56	1,902.64	10.58	5.34	-130.00	-405.25	56.69	618.66	605.65	13.01	47.540			
2,200.00	2,087.94	2,005.63	1,984.03	11.66	5.69	-132.25	-420.98	62.00	669.54	655.63	13.90	48.164			
2,300.00	2,174.54	2,088.69	2,065.41	12.76	6.04	-134.21	-436.72	67.30	721.12	706.34	14.79	48.771			
2,400.00	2,261.15	2,171.75	2,146.80	13.85	6.40	-135.92	-452.45	72.61	773.27	757.61	15.66	49.377			
2,500.00	2,347.75	2,254.82	2,228.19	14.96	6.76	-137.42	-468.19	77.91	825.89	809.36	16.53	49.964			
2,600.00	2,434.35	2,337.68	2,309.58	16.06	7.12	-138.75	-483.92	83.21	878.88	861.49	17.39	50.526			
2,700.00	2,520.96	2,420.95	2,390.96	17.16	7.48	-139.93	-499.66	88.52	932.18	913.93	18.26	51.061			
2,800.00	2,607.56	2,504.01	2,472.35	18.27	7.84	-140.99	-515.39	93.82	985.75	966.64	19.12	51.568			
2,900.00	2,694.16	2,587.08	2,553.74	19.38	8.20	-141.84	-531.12	99.13	1,039.54	1,019.57	19.97	52.047			
3,000.00	2,780.76	2,670.14	2,635.13	20.49	8.57	-142.80	-546.86	104.43	1,093.52	1,072.69	20.83	52.499			
3,100.00	2,867.37	2,753.20	2,716.52	21.60	8.93	-143.58	-562.59	109.74	1,147.66	1,125.98	21.68	52.926			
3,200.00	2,953.97	2,836.27	2,797.90	22.71	9.30	-144.29	-578.33	115.04	1,201.95	1,179.41	22.54	53.329			
3,300.00	3,040.57	2,919.33	2,879.29	23.83	9.66	-144.94	-594.06	120.35	1,256.35	1,232.96	23.39	53.709			
3,400.00	3,127.17	3,002.40	2,960.68	24.94	10.03	-145.54	-609.80	125.65	1,310.85	1,286.62	24.24	54.067			
3,500.00	3,213.78	3,085.46	3,042.07	26.06	10.39	-146.09	-625.53	130.95	1,365.47	1,340.37	25.10	54.406			
3,600.00	3,300.38	3,168.52	3,123.45	27.17	10.76	-146.60	-641.27	136.26	1,420.16	1,394.21	25.95	54.726			
3,700.00	3,386.98	3,251.59	3,204.84	28.29	11.13	-147.08	-657.00	141.56	1,474.92	1,448.12	26.80	55.028			
3,800.00	3,473.58	3,334.65	3,286.23	29.40	11.50	-147.52	-672.73	146.87	1,529.75	1,502.10	27.66	55.315			
3,900.00	3,560.19	3,417.72	3,367.62	30.52	11.86	-147.93	-688.47	152.17	1,584.64	1,556.13	28.51	55.586			
4,000.00	3,646.79	3,500.78	3,449.00	31.63	12.23	-148.31	-704.20	157.48	1,639.58	1,610.22	29.36	55.844			
4,100.00	3,733.39	3,583.85	3,530.39	32.75	12.60	-148.67	-719.94	162.78	1,694.58	1,664.36	30.21	56.088			
4,200.00	3,819.99	3,666.91	3,611.78	33.87	12.97	-149.00	-735.67	168.08	1,749.61	1,718.55	31.07	56.321			
4,300.00	3,906.60	3,749.97	3,693.17	34.98	13.34	-149.32	-751.41	173.39	1,804.68	1,772.77	31.92	56.541			
4,400.00	3,993.20	3,833.04	3,774.55	36.10	13.71	-149.61	-767.14	178.69	1,859.79	1,827.02	32.77	56.752			
4,500.00	4,079.80	3,916.10	3,855.94	37.22	14.08	-149.89	-782.88	184.00	1,914.94	1,881.31	33.62	56.952			
4,600.00	4,166.40	3,999.17	3,937.33	38.34	14.45	-150.16	-798.61	189.30	1,970.11	1,935.63	34.48	57.143			
4,700.00	4,253.01	4,082.23	4,018.72	39.45	14.82	-150.41	-814.34	194.61	2,025.31	1,989.98	35.33	57.325			
4,800.00	4,339.61	4,165.29	4,100.10	40.57	15.19	-150.64	-830.08	199.91	2,080.54	2,044.36	36.18	57.499			
4,900.00	4,426.21	4,248.36	4,181.49	41.69	15.56	-150.87	-845.81	205.21	2,135.79	2,098.75	37.04	57.665			
5,000.00	4,512.81	4,331.42	4,262.88	42.81	15.93	-151.08	-861.55	210.52	2,191.06	2,153.17	37.89	57.824			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Offset Design Windsor LV 14H - Windsor LV G-14H - Windsor LV G-14H - Windsor LV G-14H														Offset Site Error: 0.00 usft
Survey Program: 0-MWD														Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Minimum Separation (usft)	Separation Factor	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/S (usft)	+E/W (usft)						
5,100.00	4,599.42	4,414.49	4,344.27	43.93	16.30	-151.28	-877.28	215.82	2,246.36	2,207.61	38.75	57.977		
5,200.00	4,686.02	4,497.55	4,425.66	45.04	16.67	-151.48	-893.02	221.13	2,301.67	2,262.07	39.60	58.123		
5,300.00	4,772.62	4,580.61	4,507.04	46.16	17.04	-151.66	-908.75	226.43	2,356.99	2,316.54	40.45	58.283		
5,400.00	4,859.22	4,663.68	4,588.43	47.28	17.41	-151.84	-924.49	231.74	2,412.34	2,371.03	41.31	58.397		
5,500.00	4,946.34	4,747.28	4,670.35	48.32	17.78	-152.56	-940.32	237.08	2,466.92	2,424.78	42.14	58.546		
5,600.00	5,035.75	4,837.70	4,755.75	49.13	18.56	-124.20	-1,452.72	-2,192.89	2,457.72	2,355.54	102.18	24.054		
5,700.00	5,127.38	4,928.37	4,846.35	49.85	20.59	-119.08	-1,452.95	-2,231.56	2,373.81	2,265.51	108.30	21.919		
5,800.00	5,220.98	5,022.22	4,940.99	50.46	21.49	-113.61	-1,453.14	-2,265.41	2,289.19	2,175.29	113.90	20.098		
5,900.00	5,316.29	5,118.15	5,036.69	50.98	22.27	-107.93	-1,453.31	-2,294.34	2,204.28	2,085.61	118.65	18.578		
6,000.00	5,413.05	5,215.09	5,134.44	51.41	22.91	-102.22	-1,453.45	-2,318.27	2,119.43	1,987.16	122.27	17.334		
6,100.00	5,511.00	5,313.96	5,234.24	51.75	23.41	-96.68	-1,453.56	-2,337.15	2,035.13	1,910.49	124.64	16.328		
6,200.00	5,609.87	5,413.73	5,334.10	52.01	23.78	-91.49	-1,453.64	-2,350.91	1,951.83	1,826.06	125.77	15.519		
6,300.00	5,709.38	5,514.34	5,434.01	52.18	24.02	-86.77	-1,453.69	-2,359.52	1,870.01	1,744.18	125.86	14.858		
6,400.00	5,809.27	5,614.77	5,533.97	52.29	24.11	-82.64	-1,453.70	-2,362.95	1,790.20	1,665.07	125.13	14.307		
6,500.00	5,909.26	5,714.07	5,633.98	52.34	24.09	-179.63	-1,453.70	-2,362.25	1,712.82	1,588.08	124.74	13.731		
6,600.00	6,009.28	5,814.03	5,733.99	52.39	24.06	-179.88	-1,453.69	-2,361.20	1,637.93	1,513.14	124.79	13.126		
6,700.00	6,109.28	5,914.98	5,834.00	52.45	24.03	-179.73	-1,453.69	-2,360.16	1,565.85	1,441.01	124.83	12.543		
6,800.00	6,209.26	6,014.93	5,934.01	52.50	24.00	-179.79	-1,453.68	-2,359.11	1,496.97	1,372.09	124.88	11.987		
6,900.00	6,309.26	6,114.88	6,034.02	52.56	23.98	-179.84	-1,453.68	-2,358.06	1,431.77	1,306.85	124.93	11.461		
7,000.00	6,409.26	6,214.84	6,134.03	52.62	23.95	-179.90	-1,453.67	-2,357.02	1,370.77	1,245.80	124.98	10.969		
7,100.00	6,509.26	6,314.79	6,234.04	52.68	23.92	-179.95	-1,453.66	-2,355.97	1,314.56	1,189.54	125.02	10.514		
7,200.00	6,609.26	6,414.74	6,334.05	52.74	23.89	180.00	-1,453.66	-2,354.92	1,263.77	1,138.70	125.07	10.104		
7,300.00	6,709.26	6,514.70	6,434.06	52.80	23.86	179.94	-1,453.65	-2,353.87	1,219.08	1,093.95	125.12	9.743		
7,400.00	6,809.26	6,614.65	6,534.08	52.86	23.84	179.89	-1,453.65	-2,352.83	1,181.18	1,056.01	125.18	9.436		
7,500.00	6,909.26	6,714.60	6,634.09	52.92	23.81	179.83	-1,453.64	-2,351.78	1,150.75	1,025.52	125.23	9.189		
7,600.00	7,009.26	6,814.55	6,734.10	52.98	23.78	179.78	-1,453.63	-2,350.73	1,128.39	1,003.11	125.28	9.007		
7,700.00	7,109.26	6,914.51	6,834.11	53.05	23.75	179.73	-1,453.63	-2,349.69	1,114.58	989.25	125.33	8.893		
7,800.00	7,209.26	7,014.46	6,934.12	53.11	23.72	179.67	-1,453.62	-2,348.64	1,109.65	984.26	125.39	8.850		
7,804.86	7,214.12	7,019.41	6,939.12	53.12	23.72	179.67	-1,453.62	-2,348.59	1,109.64	984.25	125.39	8.850 SF		
7,900.00	7,309.26	7,114.41	7,034.13	53.18	23.70	179.62	-1,453.62	-2,347.59	1,113.71	988.27	125.44	8.878		
8,000.00	7,409.26	7,214.36	7,134.14	53.25	23.67	179.56	-1,453.61	-2,346.54	1,128.67	1,001.17	125.50	8.978		
8,100.00	7,509.26	7,314.32	7,234.15	53.31	23.64	179.51	-1,453.60	-2,345.50	1,148.22	1,022.66	125.55	9.145		
8,200.00	7,609.26	7,414.27	7,334.16	53.38	23.61	179.46	-1,453.60	-2,344.45	1,177.89	1,052.28	125.61	9.377		
8,300.00	7,709.26	7,514.22	7,434.17	53.45	23.58	179.40	-1,453.59	-2,343.40	1,215.09	1,089.42	125.67	9.669		
8,340.74	7,750.00	7,559.80	7,474.18	53.48	23.57	179.38	-1,453.59	-2,342.98	1,232.25	1,106.56	125.69	9.804		

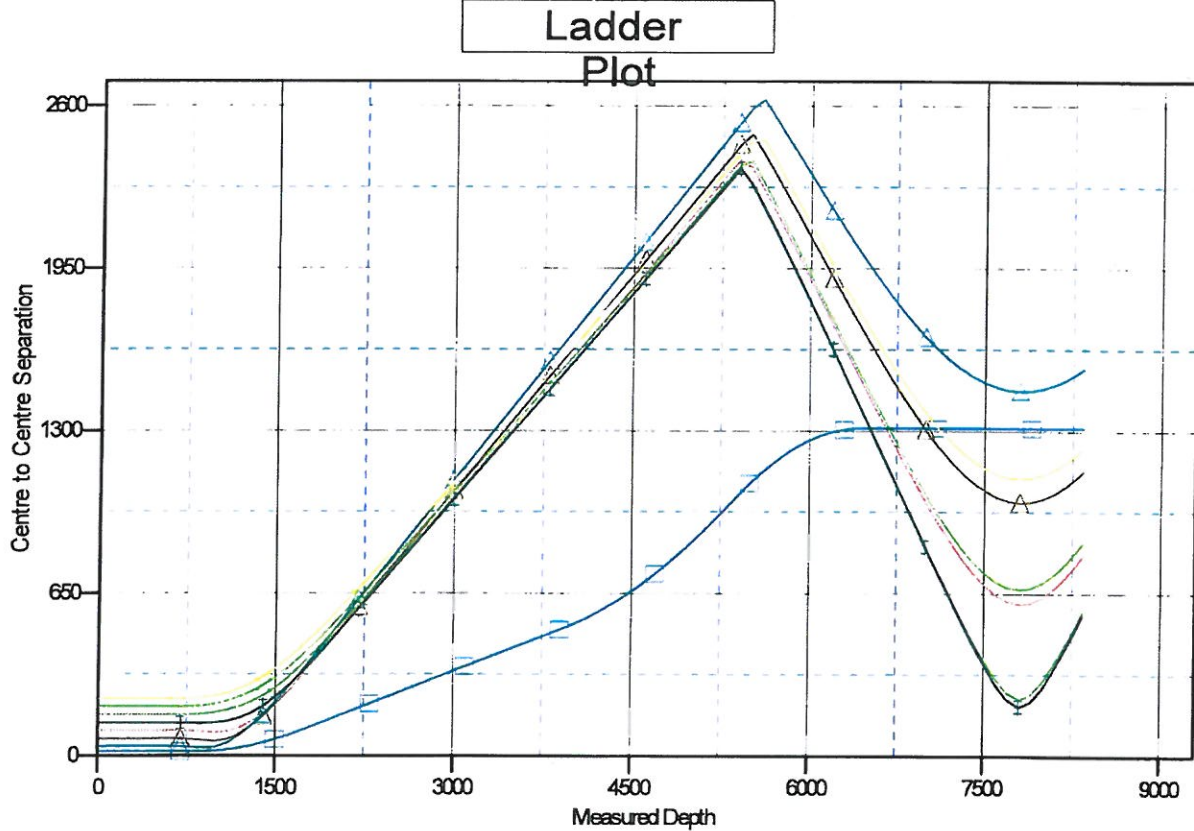


**Company:** Bayswater  
**Project:** Windsor  
**Reference Site:** Windsor LV 14H  
**Site Error:** 0.00 usft  
**Reference Well:** Windsor LV 21-14  
**Well Error:** 0.00 usft  
**Reference Wellbore:** Windsor LV 21-14  
**Reference Design:** Windsor LV 21-14

**Local Co-ordinate Reference:** Well Windsor LV 21-14  
**TVD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**MD Reference:** WELL @ 4845.00usft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass DB Connection  
**Offset TVD Reference:** Reference Datum

Reference Depths are relative to WELL @ 4845.00usft (Original Well Elev)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000

Coordinates are relative to: Windsor LV 21-14  
Coordinate System is US State Plane 1983, Colorado Central Zone  
Grid Convergence at Surface is: 0.41°



**LEGEND**

-14H, Windsor LV B-14H, Windsor LV B-14HV0 Windsor LV A-14H, Windsor LV A-14H, Windsor LV A-14HV0 Windsor LV F-14H, Windsor LV F-14H, Windsor LV F-14HV0  
 -14H, Windsor LV C-14H, Windsor LV C-14HV0 Windsor LV E-14H, Windsor LV E-14H, Windsor LV E-14HV0 Windsor LV D-14H, Windsor LV D-14H, Windsor LV D-14HV0  
 -14, Windsor LV 17-14, Windsor LV 17-14 V0 Windsor LV G-14H, Windsor LV G-14H, Windsor LV G-14HV0

Company: Bayswater  
Project: Windsor  
Reference Site: Windsor LV 14H  
Site Error: 0.00 usft  
Reference Well: Windsor LV 21-14  
Well Error: 0.00 usft  
Reference Wellbore: Windsor LV 21-14  
Reference Design: Windsor LV 21-14

Local Co-ordinate Reference: Well Windsor LV 21-14  
TVD Reference: WELL @ 4845.00usft (Original Well Elev)  
MD Reference: WELL @ 4845.00usft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: Compass DB Connection  
Offset TVD Reference: Reference Datum

Reference Depths are relative to WELL @ 4845.00usft (Original Well E  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000

Coordinates are relative to: Windsor LV 21-14  
Coordinate System is US State Plane 1983, Colorado Central Zone  
Grid Convergence at Surface is: 0.41°

