



Bayswater

Windsor

Albrighton 2-10

Albrighton 2-10

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Design: Albrighton 2-10

Standard Survey Report

03 August, 2015

Company:	Bayswater	Local Co-ordinate Reference:	Well Albrighton 2-10
Project:	Windsor	TVD Reference:	WELL @ 4814.00ft (Original Well Elev)
Site:	Albrighton 2-10	MD Reference:	WELL @ 4814.00ft (Original Well Elev)
Well:	Albrighton 2-10	North Reference:	True
Wellbore:	Albrighton 2-10	Survey Calculation Method:	Minimum Curvature
Design:	Albrighton 2-10	Database:	Compass DB Connection

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	Albrighton 2-10				
Site Position:		Northing:	1,971,518.220 usft	Latitude:	40.496690
From:	Lat/Long	Easting:	3,266,793.551 usft	Longitude:	-104.540940
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.60 °

Well	Albrighton 2-10					
Well Position	+N-S	0.00 ft	Northing:	1,971,518.220 usft	Latitude:	40.496690
	+E-W	0.00 ft	Easting:	3,266,793.551 usft	Longitude:	-104.540940
Position Uncertainty		0.00 ft	Wellhead Elevation:	4,814.00 ft	Ground Level:	4,814.00 ft

Wellbore	Albrighton 2-10				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/3/2015	8.30	67.01	52,680

Design	Albrighton 2-10				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	350.10	

Survey Program	Date	8/3/2015			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	6,950.00	Albrighton 2-10 (Albrighton 2-10)	NS-GYRO-MS	North sensing gyrocompassing m/s	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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	0.59	14.87	100.00	0.50	0.13	0.47	0.59	0.59	0.00	
200.00	0.75	22.65	199.99	1.60	0.52	1.49	0.18	0.16	7.78	
300.00	1.08	17.36	299.98	3.10	1.05	2.88	0.34	0.33	-5.29	
400.00	1.29	15.16	399.96	5.09	1.63	4.73	0.21	0.21	-2.20	
500.00	1.38	16.58	499.93	7.33	2.26	6.83	0.10	0.09	1.42	
600.00	1.44	19.23	599.90	9.67	3.02	9.01	0.09	0.06	2.65	
700.00	1.52	36.48	699.87	11.92	4.22	11.02	0.45	0.08	17.25	
800.00	1.52	41.52	799.83	13.98	5.89	12.76	0.13	0.00	5.04	
900.00	1.49	29.42	899.80	16.11	7.41	14.59	0.32	-0.03	-12.10	

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Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,000.00	1.32	24.31	999.77	18.29	8.52	16.55	0.21	-0.17	-5.11	
1,100.00	1.07	20.23	1,099.75	20.22	9.32	18.31	0.26	-0.25	-4.08	
1,200.00	0.99	16.50	1,199.73	21.92	9.89	19.89	0.10	-0.08	-3.73	
1,300.00	1.01	17.06	1,299.71	23.59	10.39	21.45	0.02	0.02	0.56	
1,400.00	0.91	17.36	1,399.70	25.19	10.89	22.94	0.10	-0.10	0.30	
1,500.00	0.79	6.63	1,499.69	26.63	11.20	24.31	0.20	-0.12	-10.73	
1,600.00	0.75	17.03	1,599.68	27.94	11.47	25.56	0.15	-0.04	10.40	
1,700.00	0.44	24.84	1,699.67	28.92	11.83	26.45	0.32	-0.31	7.81	
1,800.00	0.23	139.76	1,799.67	29.11	12.12	26.60	0.58	-0.21	114.92	
1,900.00	0.53	171.81	1,899.67	28.50	12.31	25.96	0.36	0.30	32.05	
2,000.00	0.44	165.57	1,999.67	27.67	12.47	25.12	0.10	-0.09	-6.24	
2,100.00	0.28	89.87	2,099.67	27.30	12.81	24.69	0.46	-0.16	-75.70	
2,200.00	0.36	37.89	2,199.66	27.55	13.25	24.86	0.29	0.08	-51.98	
2,300.00	0.64	20.99	2,299.66	28.32	13.65	25.55	0.31	0.28	-16.90	
2,400.00	0.77	1.77	2,399.65	29.51	13.87	26.69	0.27	0.13	-19.22	
2,500.00	1.02	334.44	2,499.64	30.99	13.50	28.20	0.49	0.25	-27.33	
2,600.00	0.97	331.17	2,599.63	32.53	12.71	29.86	0.08	-0.05	-3.27	
2,700.00	1.06	321.43	2,699.61	34.00	11.73	31.47	0.19	0.09	-9.74	
2,800.00	1.16	316.12	2,799.59	35.45	10.45	33.13	0.14	0.10	-5.31	
2,900.00	1.30	313.04	2,899.57	36.95	8.92	34.87	0.15	0.14	-3.08	
3,000.00	1.34	310.63	2,999.54	38.49	7.20	36.68	0.07	0.04	-2.41	
3,100.00	1.39	292.21	3,099.51	39.71	5.19	38.23	0.44	0.05	-18.42	
3,200.00	1.50	284.70	3,199.48	40.50	2.80	39.41	0.22	0.11	-7.51	
3,300.00	1.54	271.20	3,299.45	40.86	0.19	40.22	0.36	0.04	-13.50	
3,400.00	1.13	280.12	3,399.42	41.06	-2.12	40.81	0.46	-0.41	8.92	
3,500.00	1.07	292.54	3,499.40	41.59	-3.96	41.65	0.25	-0.06	12.42	
3,600.00	0.52	298.30	3,599.39	42.17	-5.22	42.43	0.56	-0.55	5.76	
3,700.00	0.11	81.25	3,699.39	42.40	-5.52	42.71	0.61	-0.41	142.95	
3,800.00	0.22	48.71	3,799.39	42.54	-5.28	42.81	0.14	0.11	-32.54	
3,900.00	0.19	31.15	3,899.39	42.80	-5.05	43.04	0.07	-0.03	-17.56	
4,000.00	0.14	61.51	3,999.39	43.01	-4.86	43.20	0.10	-0.05	30.36	
4,100.00	0.08	4.59	4,099.39	43.13	-4.75	43.31	0.12	-0.06	-56.92	
4,200.00	0.35	305.11	4,199.39	43.38	-4.99	43.59	0.32	0.27	-59.48	
4,300.00	0.48	299.31	4,299.39	43.76	-5.61	44.07	0.14	0.13	-5.80	
4,400.00	0.82	305.05	4,399.38	44.37	-6.56	44.84	0.35	0.34	5.74	
4,500.00	0.98	296.57	4,499.37	45.17	-7.91	45.86	0.21	0.16	-8.48	
4,600.00	1.00	296.84	4,599.35	45.94	-9.45	46.89	0.02	0.02	0.27	
4,700.00	0.94	277.70	4,699.34	46.45	-11.04	47.66	0.33	-0.06	-19.14	
4,800.00	0.61	265.76	4,799.33	46.52	-12.39	47.96	0.37	-0.33	-11.94	
4,900.00	0.20	1.44	4,899.33	46.65	-12.91	48.18	0.66	-0.41	95.68	
5,000.00	1.31	51.60	4,999.32	47.54	-12.01	48.90	1.19	1.11	50.16	
5,100.00	1.37	58.67	5,099.29	48.87	-10.10	49.88	0.18	0.06	7.07	
5,200.00	0.92	61.17	5,199.27	49.88	-8.37	50.58	0.45	-0.45	2.50	
5,300.00	0.35	89.15	5,299.26	50.27	-7.36	50.79	0.63	-0.57	27.98	

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5,400.00	0.36	340.36	5,399.26	50.57	-7.16	51.05	0.58	0.01	-108.79
5,500.00	0.60	345.91	5,499.26	51.38	-7.40	51.88	0.24	0.24	5.55
5,600.00	0.79	351.31	5,599.25	52.56	-7.63	53.09	0.20	0.19	5.40
5,700.00	0.70	21.01	5,699.24	53.82	-7.51	54.31	0.39	-0.09	29.70
5,800.00	0.51	52.72	5,799.24	54.66	-6.94	55.04	0.38	-0.19	31.71
5,900.00	0.97	90.30	5,899.23	54.92	-5.74	55.09	0.65	0.46	37.58
6,000.00	1.55	104.89	5,999.21	54.57	-3.59	54.37	0.66	0.58	14.59
6,100.00	0.44	124.04	6,099.19	54.01	-1.96	53.54	1.14	-1.11	19.15
6,200.00	0.24	276.15	6,199.19	53.81	-1.85	53.33	0.66	-0.20	152.11
6,300.00	0.74	288.76	6,299.18	54.04	-2.67	53.70	0.51	0.50	12.61
6,400.00	1.22	264.03	6,399.17	54.14	-4.34	54.08	0.63	0.48	-24.73
6,500.00	0.86	271.50	6,499.15	54.05	-6.15	54.30	0.38	-0.36	7.47
6,600.00	0.80	315.61	6,599.14	54.57	-7.39	55.03	0.63	-0.06	44.11
6,700.00	0.65	295.91	6,699.14	55.32	-8.39	55.93	0.29	-0.15	-19.70
6,800.00	0.65	332.38	6,799.13	56.07	-9.16	56.81	0.41	0.00	36.47
6,900.00	0.31	278.15	6,899.13	56.61	-9.69	57.43	0.53	-0.34	-54.23
6,950.00	0.33	193.69	6,949.13	56.49	-9.86	57.34	0.86	0.04	-168.92

Checked By: _____ Approved By: _____ Date: _____