

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert Louisiana State Planes, Southern Zone (1702), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Pierpauj
Scale	1.00011	Report Generated	10/22/2008 at 10:15:17 AM
Convergence at slot	0.76° East	Database/Source file	WA_Houston_Apache/X-6_ST01.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	7662.19	4009.65	2484087.57	89812.18	28°54'17.444"N	89°49'14.090"W
Facility Reference Pt			2480077.93	82150.00	28°53'02.121"N	89°50'00.321"W
Field Reference Pt			2480077.93	82150.00	28°53'02.121"N	89°50'00.321"W

WELLPATH DATUM

Calculation method	Minimum curvature	ST01 RKB: 134.5' (RT) to MSL	134.50ft
Horizontal Reference Pt	Slot	ST01 RKB: 134.5' (RT) to Mean Sea Level	134.50ft
Vertical Reference Pt	ST01 RKB: 134.5' (RT)	MSL to Mud Line (Facility)	155.00ft
MD Reference Pt	ST01 RKB: 134.5' (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.22°

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WELLPATH DATA (204 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
0.00†	0.000	210.360	0.00	0.00	0.00	0.00	28°54'17.444"N	89°49'14.090"W	0.00	0.000	0.00
47.50	0.000	210.360	47.50	0.00	0.00	0.00	28°54'17.444"N	89°49'14.090"W	0.00	0.000	0.00
147.00	0.090	210.360	147.00	0.04	-0.07	-0.04	28°54'17.444"N	89°49'14.090"W	0.08	210.360	0.09
247.00	0.180	156.870	247.00	0.02	-0.28	-0.02	28°54'17.441"N	89°49'14.090"W	0.28	183.579	0.15
347.00	0.570	194.130	347.00	0.07	-0.91	-0.08	28°54'17.435"N	89°49'14.091"W	0.91	184.869	0.44
447.00	1.660	192.400	446.98	0.50	-2.80	-0.51	28°54'17.417"N	89°49'14.096"W	2.85	190.304	1.09
547.00	0.400	315.510	546.96	1.05	-3.97	-1.07	28°54'17.405"N	89°49'14.102"W	4.11	195.025	1.91
647.00	0.190	266.900	646.96	1.46	-3.73	-1.48	28°54'17.407"N	89°49'14.107"W	4.01	201.588	0.31
747.00	0.130	203.890	746.96	1.67	-3.84	-1.69	28°54'17.406"N	89°49'14.109"W	4.20	203.707	0.17
847.00	0.240	226.160	846.96	1.87	-4.09	-1.88	28°54'17.404"N	89°49'14.111"W	4.50	204.730	0.13
930.00	0.130	216.790	929.96	2.05	-4.29	-2.07	28°54'17.402"N	89°49'14.114"W	4.76	205.731	0.14
1030.00	0.340	270.180	1029.96	2.41	-4.38	-2.43	28°54'17.401"N	89°49'14.118"W	5.01	209.046	0.28
1100.00	0.250	235.770	1099.96	2.75	-4.46	-2.76	28°54'17.400"N	89°49'14.121"W	5.25	211.782	0.28
1200.00	0.250	10.740	1199.96	2.89	-4.37	-2.90	28°54'17.401"N	89°49'14.123"W	5.25	213.607	0.46
1300.00	0.250	170.720	1299.96	2.81	-4.37	-2.83	28°54'17.401"N	89°49'14.122"W	5.21	212.906	0.49
1400.00	0.250	79.700	1399.96	2.56	-4.55	-2.58	28°54'17.400"N	89°49'14.119"W	5.23	209.555	0.36
1500.00	0.250	115.670	1499.96	2.15	-4.60	-2.17	28°54'17.399"N	89°49'14.115"W	5.09	205.213	0.15
1600.00	0.250	80.650	1599.96	1.74	-4.66	-1.76	28°54'17.398"N	89°49'14.110"W	4.98	200.633	0.15
1700.00	0.250	78.630	1699.96	1.31	-4.58	-1.33	28°54'17.399"N	89°49'14.105"W	4.77	196.137	0.01
1800.00	0.500	74.600	1799.95	0.67	-4.42	-0.69	28°54'17.401"N	89°49'14.098"W	4.48	188.884	0.25
1900.00	1.000	72.580	1899.94	-0.58	-4.05	0.56	28°54'17.404"N	89°49'14.084"W	4.09	172.100	0.50
2000.00	1.000	67.560	1999.93	-2.21	-3.45	2.20	28°54'17.410"N	89°49'14.065"W	4.09	147.489	0.09
2100.00	1.000	64.530	2099.91	-3.81	-2.74	3.80	28°54'17.417"N	89°49'14.047"W	4.68	125.875	0.05
2200.00	1.000	68.510	2199.90	-5.40	-2.05	5.39	28°54'17.423"N	89°49'14.029"W	5.77	110.804	0.07
2300.00	1.000	68.480	2299.88	-7.02	-1.41	7.02	28°54'17.429"N	89°49'14.011"W	7.16	101.359	0.00
2400.00	0.500	73.460	2399.87	-8.25	-0.97	8.25	28°54'17.434"N	89°49'13.997"W	8.31	96.678	0.50
2500.00	0.500	191.440	2499.87	-8.59	-1.27	8.58	28°54'17.431"N	89°49'13.993"W	8.67	98.414	0.86
2600.00	0.750	229.410	2599.87	-8.01	-2.12	8.00	28°54'17.422"N	89°49'14.000"W	8.27	104.866	0.47
2700.00	1.000	232.390	2699.86	-6.82	-3.08	6.81	28°54'17.413"N	89°49'14.014"W	7.47	114.348	0.25
2800.00	1.000	223.370	2799.84	-5.53	-4.25	5.52	28°54'17.401"N	89°49'14.028"W	6.96	127.590	0.16

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WELLPATH DATA (204 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
2900.00	1.250	238.230	2899.82	-4.01	-5.46	3.99	28°54'17.390"N	89°49'14.046"W	6.76	143.814	0.38
3000.00	1.500	247.200	2999.79	-1.88	-6.54	1.86	28°54'17.379"N	89°49'14.070"W	6.80	164.138	0.33
3100.00	1.500	258.180	3099.76	0.60	-7.31	-0.63	28°54'17.372"N	89°49'14.098"W	7.34	184.924	0.29
3200.00	1.750	261.160	3199.72	3.39	-7.82	-3.42	28°54'17.367"N	89°49'14.129"W	8.53	203.632	0.26
3300.00	1.000	261.130	3299.69	5.76	-8.19	-5.79	28°54'17.364"N	89°49'14.156"W	10.03	215.278	0.75
3400.00	1.000	259.110	3399.67	7.48	-8.48	-7.51	28°54'17.361"N	89°49'14.175"W	11.33	221.513	0.04
3500.00	1.000	263.090	3499.66	9.20	-8.75	-9.23	28°54'17.359"N	89°49'14.195"W	12.72	226.524	0.07
3600.00	1.000	262.060	3599.64	10.93	-8.98	-10.96	28°54'17.357"N	89°49'14.214"W	14.17	230.680	0.02
3700.00	0.250	257.040	3699.64	12.00	-9.15	-12.04	28°54'17.355"N	89°49'14.226"W	15.12	232.769	0.75
3800.00	0.250	257.070	3799.64	12.43	-9.25	-12.47	28°54'17.354"N	89°49'14.231"W	15.52	233.432	0.00
3900.00	0.500	211.090	3899.63	12.87	-9.67	-12.90	28°54'17.350"N	89°49'14.236"W	16.12	233.153	0.37
4000.00	0.500	281.120	3999.63	13.52	-9.96	-13.56	28°54'17.347"N	89°49'14.244"W	16.82	233.699	0.57
4100.00	1.750	283.150	4099.61	15.44	-9.53	-15.47	28°54'17.352"N	89°49'14.265"W	18.17	238.376	1.25
4200.00	3.000	283.170	4199.52	19.47	-8.58	-19.51	28°54'17.362"N	89°49'14.310"W	21.31	246.248	1.25
4300.00	4.750	284.200	4299.29	26.04	-6.97	-26.07	28°54'17.379"N	89°49'14.384"W	26.99	255.027	1.75
4400.00	6.250	288.230	4398.83	35.24	-4.25	-35.25	28°54'17.407"N	89°49'14.487"W	35.51	263.121	1.55
4500.00	8.250	291.250	4498.02	47.11	0.05	-47.11	28°54'17.451"N	89°49'14.620"W	47.11	270.061	2.04
4598.00	9.500	289.440	4594.85	61.31	5.29	-61.29	28°54'17.505"N	89°49'14.778"W	61.52	274.933	1.31
4685.00	11.900	291.500	4680.33	76.45	10.97	-76.41	28°54'17.563"N	89°49'14.948"W	77.19	278.169	2.79
4741.00	12.500	293.200	4735.06	87.41	15.47	-87.35	28°54'17.609"N	89°49'15.070"W	88.71	280.044	1.25
4804.00	14.100	287.700	4796.37	101.01	20.49	-100.93	28°54'17.660"N	89°49'15.222"W	102.99	281.476	3.24
4857.00	14.900	285.800	4847.69	113.73	24.31	-113.64	28°54'17.700"N	89°49'15.364"W	116.21	282.075	1.76
4950.00	15.800	276.600	4937.38	137.84	29.02	-137.72	28°54'17.749"N	89°49'15.635"W	140.75	281.899	2.79
5046.00	18.400	269.400	5029.14	165.98	30.36	-165.87	28°54'17.766"N	89°49'15.951"W	168.62	280.374	3.49
5140.00	21.200	263.700	5117.58	197.71	28.34	-197.60	28°54'17.751"N	89°49'16.308"W	199.63	278.163	3.62
5235.00	23.700	260.500	5205.38	233.60	23.31	-233.51	28°54'17.705"N	89°49'16.713"W	234.68	275.700	2.93
5329.00	25.900	258.600	5290.71	272.34	16.13	-272.28	28°54'17.639"N	89°49'17.150"W	272.75	273.390	2.49
5422.00	28.300	256.900	5373.49	313.69	7.12	-313.67	28°54'17.556"N	89°49'17.617"W	313.75	271.300	2.71
5517.00	31.000	254.700	5456.05	359.19	-4.44	-359.21	28°54'17.447"N	89°49'18.131"W	359.23	269.291	3.06
5611.00	33.600	253.000	5535.50	407.36	-18.44	-407.44	28°54'17.315"N	89°49'18.675"W	407.85	267.409	2.93

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Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

WELLPATH DATA (204 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
5703.00	35.900	252.900	5611.08	457.43	-33.82	-457.57	28°54'17.169"N	89°49'19.242"W	458.82	265.773	2.50
5796.00	38.800	254.900	5685.01	511.58	-49.43	-511.77	28°54'17.022"N	89°49'19.854"W	514.16	264.484	3.38
5893.00	39.600	255.100	5760.18	570.73	-65.29	-570.99	28°54'16.872"N	89°49'20.522"W	574.71	263.477	0.83
5989.00	38.800	254.300	5834.57	629.19	-81.30	-629.52	28°54'16.722"N	89°49'21.183"W	634.74	262.641	0.99
6084.00	41.100	254.200	5907.39	687.84	-97.86	-688.22	28°54'16.565"N	89°49'21.846"W	695.14	261.907	2.42
6178.00	42.600	254.900	5977.41	748.22	-114.56	-748.67	28°54'16.408"N	89°49'22.528"W	757.38	261.300	1.67
6272.00	44.300	255.400	6045.65	810.64	-131.12	-811.15	28°54'16.252"N	89°49'23.233"W	821.68	260.818	1.85
6367.00	45.800	255.600	6112.77	875.66	-147.95	-876.25	28°54'16.094"N	89°49'23.968"W	888.65	260.416	1.59
6461.00	46.700	255.300	6177.77	941.32	-165.01	-941.97	28°54'15.934"N	89°49'24.710"W	956.31	260.064	0.98
6556.00	49.200	254.700	6241.39	1009.38	-183.28	-1010.10	28°54'15.762"N	89°49'25.479"W	1026.59	259.716	2.67
6649.00	51.100	255.200	6300.98	1078.25	-201.81	-1079.05	28°54'15.587"N	89°49'26.257"W	1097.76	259.406	2.08
6744.00	52.100	255.400	6359.99	1150.19	-220.70	-1151.06	28°54'15.410"N	89°49'27.070"W	1172.03	259.146	1.07
6838.00	54.300	255.700	6416.29	1223.00	-239.48	-1223.94	28°54'15.233"N	89°49'27.893"W	1247.15	258.929	2.35
6934.00	56.700	254.900	6470.67	1299.44	-259.56	-1300.46	28°54'15.045"N	89°49'28.756"W	1326.11	258.712	2.59
7029.00	59.200	254.000	6521.08	1376.92	-281.16	-1378.03	28°54'14.841"N	89°49'29.632"W	1406.42	258.468	2.75
7122.00	58.800	252.800	6568.98	1453.22	-303.93	-1454.42	28°54'14.626"N	89°49'30.495"W	1485.83	258.197	1.19
7217.00	59.100	251.400	6617.98	1530.57	-328.94	-1531.86	28°54'14.388"N	89°49'31.370"W	1566.78	257.881	1.30
7309.00	59.300	250.700	6665.09	1605.21	-354.61	-1606.60	28°54'14.144"N	89°49'32.214"W	1645.27	257.553	0.69
7406.00	59.700	250.400	6714.32	1683.91	-382.44	-1685.41	28°54'13.878"N	89°49'33.105"W	1728.26	257.216	0.49
7500.00	57.700	249.700	6763.15	1759.30	-409.83	-1760.91	28°54'13.617"N	89°49'33.958"W	1807.97	256.898	2.22
7595.00	57.500	248.400	6814.05	1834.09	-438.51	-1835.81	28°54'13.343"N	89°49'34.805"W	1887.46	256.566	1.17
7690.00	57.600	249.300	6865.03	1908.74	-467.44	-1910.58	28°54'13.066"N	89°49'35.650"W	1966.93	256.252	0.81
7784.00	57.400	249.100	6915.53	1982.75	-495.59	-1984.69	28°54'12.797"N	89°49'36.488"W	2045.63	255.980	0.28
7878.00	58.300	250.400	6965.56	2057.30	-523.13	-2059.36	28°54'12.534"N	89°49'37.332"W	2124.76	255.747	1.51
7974.00	58.500	250.300	7015.86	2134.20	-550.63	-2136.36	28°54'12.272"N	89°49'38.202"W	2206.18	255.547	0.23
7999.00	58.200	250.600	7028.98	2154.23	-557.75	-2156.42	28°54'12.204"N	89°49'38.429"W	2227.38	255.499	1.58
8090.00	58.200	250.600	7076.93	2227.07	-583.44	-2229.36	28°54'11.960"N	89°49'39.253"W	2304.44	255.334	0.00
8186.00	58.200	251.000	7127.52	2304.02	-610.27	-2306.42	28°54'11.704"N	89°49'40.124"W	2385.79	255.179	0.35
8281.00	58.100	251.600	7177.65	2380.35	-636.14	-2382.85	28°54'11.458"N	89°49'40.987"W	2466.30	255.053	0.55
8377.00	58.200	252.400	7228.31	2457.81	-661.34	-2460.41	28°54'11.219"N	89°49'41.863"W	2547.74	254.955	0.72

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8470.00	58.100	253.500	7277.39	2533.24	-684.50	-2535.93	28°54'10.999"N	89°49'42.716"W	2626.69	254.895	1.01
8564.00	58.200	253.600	7326.99	2609.73	-707.11	-2612.51	28°54'10.785"N	89°49'43.581"W	2706.51	254.855	0.14
8658.00	58.100	254.100	7376.59	2686.34	-729.32	-2689.20	28°54'10.575"N	89°49'44.447"W	2786.34	254.826	0.46
8752.00	58.200	254.700	7426.20	2763.16	-750.79	-2766.11	28°54'10.373"N	89°49'45.315"W	2866.19	254.814	0.55
8846.00	58.200	254.400	7475.73	2840.08	-772.08	-2843.11	28°54'10.172"N	89°49'46.184"W	2946.08	254.807	0.27
8942.00	58.200	254.700	7526.32	2918.63	-793.81	-2921.75	28°54'09.967"N	89°49'47.072"W	3027.67	254.800	0.27
9033.00	58.100	254.400	7574.34	2993.06	-814.40	-2996.26	28°54'09.773"N	89°49'47.913"W	3104.96	254.794	0.30
9128.00	58.200	254.400	7624.47	3070.70	-836.10	-3073.98	28°54'09.568"N	89°49'48.791"W	3185.66	254.784	0.11
9221.00	58.100	254.000	7673.55	3146.62	-857.61	-3149.99	28°54'09.365"N	89°49'49.649"W	3264.65	254.770	0.38
9316.00	58.100	253.800	7723.75	3224.03	-879.98	-3227.48	28°54'09.154"N	89°49'50.524"W	3345.29	254.749	0.18
9414.00	58.200	253.600	7775.46	3303.83	-903.34	-3307.38	28°54'08.933"N	89°49'51.426"W	3428.52	254.723	0.20
9509.00	58.200	252.700	7825.52	3381.01	-926.75	-3384.65	28°54'08.711"N	89°49'52.299"W	3509.23	254.687	0.81
9603.00	58.200	252.300	7875.06	3457.11	-950.77	-3460.84	28°54'08.484"N	89°49'53.159"W	3589.07	254.639	0.36
9698.00	58.200	252.200	7925.12	3533.91	-975.38	-3537.74	28°54'08.250"N	89°49'54.028"W	3669.74	254.586	0.09
9789.00	58.200	252.400	7973.07	3607.50	-998.90	-3611.42	28°54'08.027"N	89°49'54.860"W	3747.02	254.539	0.19
9883.00	58.200	252.000	8022.61	3683.47	-1023.32	-3687.48	28°54'07.795"N	89°49'55.719"W	3826.84	254.490	0.36
9976.00	58.200	251.700	8071.61	3758.48	-1047.94	-3762.59	28°54'07.561"N	89°49'56.568"W	3905.80	254.437	0.27
10070.00	58.200	251.600	8121.15	3834.21	-1073.09	-3838.42	28°54'07.322"N	89°49'57.424"W	3985.60	254.381	0.09
10166.00	58.200	251.400	8171.73	3911.48	-1098.98	-3915.79	28°54'07.075"N	89°49'58.298"W	4067.09	254.323	0.18
10257.00	58.200	251.000	8219.69	3984.59	-1123.91	-3989.01	28°54'06.838"N	89°49'59.126"W	4144.31	254.265	0.37
10353.00	58.300	251.200	8270.20	4061.72	-1150.35	-4066.24	28°54'06.586"N	89°50'00.000"W	4225.82	254.204	0.21
10448.00	58.300	251.400	8320.12	4138.18	-1176.26	-4142.80	28°54'06.340"N	89°50'00.863"W	4306.55	254.149	0.18
10541.00	58.400	251.200	8368.92	4213.07	-1201.64	-4217.79	28°54'06.098"N	89°50'01.710"W	4385.62	254.098	0.21
10637.00	58.200	251.700	8419.37	4290.40	-1227.63	-4295.22	28°54'05.851"N	89°50'02.585"W	4467.21	254.049	0.49
10734.00	58.200	252.000	8470.48	4368.64	-1253.31	-4373.56	28°54'05.607"N	89°50'03.470"W	4549.59	254.010	0.26
10829.00	58.200	252.100	8520.55	4445.35	-1278.19	-4450.37	28°54'05.371"N	89°50'04.338"W	4630.29	253.975	0.09
10925.00	58.200	252.300	8571.13	4522.94	-1303.13	-4528.05	28°54'05.134"N	89°50'05.215"W	4711.84	253.945	0.18
11019.00	58.200	252.200	8620.67	4598.93	-1327.49	-4604.14	28°54'04.903"N	89°50'06.075"W	4791.69	253.916	0.09
11115.00	58.200	252.600	8671.25	4676.60	-1352.16	-4681.91	28°54'04.669"N	89°50'06.953"W	4873.25	253.891	0.35
11208.00	58.100	253.000	8720.33	4751.98	-1375.52	-4757.37	28°54'04.447"N	89°50'07.805"W	4952.24	253.874	0.38

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

WELLPATH DATA (204 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
11303.00	58.200	252.600	8770.46	4828.97	-1399.38	-4834.46	28°54'04.221"N	89°50'08.676"W	5032.92	253.856	0.37
11397.00	58.200	251.900	8820.00	4904.96	-1423.74	-4910.55	28°54'03.990"N	89°50'09.535"W	5112.78	253.831	0.63
11491.00	58.200	251.900	8869.53	4980.80	-1448.56	-4986.48	28°54'03.754"N	89°50'10.393"W	5192.62	253.802	0.00
11582.00	58.200	251.700	8917.48	5054.18	-1472.71	-5059.95	28°54'03.524"N	89°50'11.223"W	5269.92	253.772	0.19
11679.00	58.200	251.500	8968.60	5132.30	-1498.74	-5138.18	28°54'03.277"N	89°50'12.107"W	5352.30	253.739	0.18
11773.00	58.200	251.800	9018.13	5208.03	-1523.89	-5214.01	28°54'03.037"N	89°50'12.963"W	5432.14	253.708	0.27
11867.00	58.200	251.600	9067.67	5283.78	-1548.97	-5289.86	28°54'02.799"N	89°50'13.820"W	5511.98	253.679	0.18
11964.00	58.200	251.600	9118.78	5361.90	-1574.99	-5368.08	28°54'02.552"N	89°50'14.704"W	5594.36	253.648	0.00
12056.00	58.200	251.500	9167.26	5435.98	-1599.74	-5442.25	28°54'02.316"N	89°50'15.542"W	5672.50	253.619	0.09
12151.00	58.100	251.400	9217.39	5512.38	-1625.41	-5518.76	28°54'02.072"N	89°50'16.406"W	5753.14	253.589	0.14
12245.00	58.100	251.900	9267.07	5588.02	-1650.53	-5594.50	28°54'01.833"N	89°50'17.262"W	5832.90	253.562	0.45
12341.00	58.100	252.300	9317.80	5665.48	-1675.58	-5672.06	28°54'01.595"N	89°50'18.138"W	5914.37	253.542	0.35
12434.00	58.200	252.600	9366.87	5740.71	-1699.41	-5747.38	28°54'01.369"N	89°50'18.989"W	5993.36	253.528	0.29
12529.00	58.200	252.300	9416.93	5817.60	-1723.75	-5824.36	28°54'01.138"N	89°50'19.858"W	6074.08	253.514	0.27
12624.00	58.200	252.100	9466.99	5894.37	-1748.43	-5901.23	28°54'00.904"N	89°50'20.726"W	6154.80	253.496	0.18
12719.00	58.200	252.300	9517.05	5971.15	-1773.11	-5978.11	28°54'00.669"N	89°50'21.595"W	6235.52	253.480	0.18
12815.00	58.200	252.400	9567.64	6048.80	-1797.85	-6055.86	28°54'00.434"N	89°50'22.473"W	6317.09	253.465	0.09
12908.00	58.200	252.600	9616.65	6124.09	-1821.62	-6131.24	28°54'00.209"N	89°50'23.324"W	6396.12	253.453	0.18
13002.00	57.600	253.100	9666.60	6200.09	-1845.10	-6207.33	28°53'59.986"N	89°50'24.184"W	6475.75	253.446	0.78
13096.00	57.200	254.400	9717.25	6276.02	-1867.26	-6283.35	28°53'59.777"N	89°50'25.042"W	6554.93	253.449	1.24
13191.00	57.300	255.900	9768.64	6353.17	-1887.74	-6360.58	28°53'59.584"N	89°50'25.914"W	6634.79	253.470	1.33
13285.00	57.300	257.400	9819.43	6430.06	-1906.00	-6437.54	28°53'59.413"N	89°50'26.782"W	6713.77	253.507	1.34
13381.00	57.200	259.100	9871.36	6509.04	-1922.44	-6516.58	28°53'59.260"N	89°50'27.673"W	6794.23	253.564	1.49
13477.00	57.300	260.700	9923.30	6588.47	-1936.60	-6596.06	28°53'59.131"N	89°50'28.569"W	6874.48	253.638	1.41
13571.00	57.300	262.200	9974.08	6666.64	-1948.36	-6674.28	28°53'59.024"N	89°50'29.451"W	6952.85	253.726	1.34
13667.00	57.300	264.300	10025.95	6746.82	-1957.86	-6754.50	28°53'58.941"N	89°50'30.355"W	7032.53	253.835	1.84
13759.00	57.200	265.900	10075.72	6823.88	-1964.47	-6831.59	28°53'58.885"N	89°50'31.223"W	7108.43	253.957	1.47
13854.00	57.300	267.900	10127.12	6903.64	-1968.79	-6911.37	28°53'58.853"N	89°50'32.121"W	7186.31	254.100	1.77
13948.00	57.300	269.800	10177.90	6982.71	-1970.37	-6990.45	28°53'58.847"N	89°50'33.010"W	7262.83	254.259	1.70
14043.00	57.300	272.000	10229.23	7062.64	-1969.12	-7070.37	28°53'58.870"N	89°50'33.909"W	7339.45	254.437	1.95

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

WELLPATH DATA (204 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
14137.00	57.300	273.900	10280.02	7141.65	-1965.05	-7149.36	28°53'58.920"N	89°50'34.797"W	7414.50	254.631	1.70
14235.00	57.300	275.500	10332.96	7223.86	-1958.29	-7231.55	28°53'58.998"N	89°50'35.721"W	7492.01	254.848	1.37
14330.00	57.300	277.000	10384.29	7303.36	-1949.59	-7311.02	28°53'59.094"N	89°50'36.613"W	7566.49	255.069	1.33
14424.00	57.300	278.200	10435.07	7381.81	-1939.13	-7389.42	28°53'59.208"N	89°50'37.493"W	7639.62	255.296	1.07
14518.00	57.300	280.100	10485.86	7459.94	-1926.55	-7467.51	28°53'59.342"N	89°50'38.370"W	7712.02	255.534	1.70
14613.00	57.300	282.000	10537.18	7538.46	-1911.23	-7545.97	28°53'59.504"N	89°50'39.250"W	7784.24	255.787	1.68
14707.00	57.200	284.300	10588.04	7615.51	-1893.24	-7622.94	28°53'59.692"N	89°50'40.113"W	7854.53	256.052	2.06
14799.00	57.300	286.200	10637.81	7690.23	-1872.89	-7697.59	28°53'59.903"N	89°50'40.950"W	7922.16	256.325	1.74
14874.00	57.200	287.800	10678.39	7750.62	-1854.45	-7757.91	28°54'00.093"N	89°50'41.626"W	7976.47	256.556	1.80
14949.00	58.700	289.200	10718.19	7810.98	-1834.28	-7818.18	28°54'00.301"N	89°50'42.301"W	8030.48	256.796	2.55
15012.00	58.900	290.700	10750.82	7861.70	-1815.89	-7868.84	28°54'00.489"N	89°50'42.868"W	8075.64	257.005	2.06
15106.00	58.700	292.400	10799.52	7936.59	-1786.36	-7943.62	28°54'00.791"N	89°50'43.705"W	8142.00	257.326	1.56
15202.00	58.800	293.700	10849.33	8012.23	-1754.23	-8019.13	28°54'01.119"N	89°50'44.549"W	8208.76	257.661	1.16
15296.00	58.800	294.900	10898.02	8085.64	-1721.14	-8092.41	28°54'01.456"N	89°50'45.369"W	8273.42	257.993	1.09
15390.00	58.800	295.400	10946.72	8158.56	-1686.97	-8165.19	28°54'01.804"N	89°50'46.183"W	8337.64	258.327	0.45
15484.00	58.700	296.600	10995.48	8230.92	-1651.74	-8237.42	28°54'02.162"N	89°50'46.990"W	8401.39	258.662	1.10
15579.00	58.800	297.900	11044.77	8303.26	-1614.55	-8309.62	28°54'02.539"N	89°50'47.796"W	8465.02	259.004	1.17
15674.00	58.700	299.600	11094.05	8374.62	-1575.49	-8380.82	28°54'02.935"N	89°50'48.592"W	8527.62	259.353	1.53
15768.00	58.900	301.100	11142.75	8444.16	-1534.87	-8450.20	28°54'03.346"N	89°50'49.366"W	8588.47	259.705	1.38
15863.00	59.000	302.500	11191.75	8513.49	-1491.98	-8519.37	28°54'03.779"N	89°50'50.138"W	8649.03	260.067	1.27
15957.00	60.000	303.000	11239.46	8581.78	-1448.16	-8587.49	28°54'04.222"N	89°50'50.898"W	8708.74	260.428	1.16
16052.00	60.200	303.200	11286.82	8650.94	-1403.19	-8656.48	28°54'04.676"N	89°50'51.667"W	8769.47	260.793	0.28
16146.00	60.000	303.300	11333.67	8719.26	-1358.51	-8724.62	28°54'05.127"N	89°50'52.427"W	8829.76	261.150	0.23
16241.00	60.000	303.600	11381.17	8788.08	-1313.16	-8793.27	28°54'05.584"N	89°50'53.193"W	8890.78	261.506	0.27
16335.00	60.100	304.100	11428.10	8855.90	-1267.79	-8860.91	28°54'06.042"N	89°50'53.947"W	8951.15	261.858	0.47
16430.00	60.000	304.000	11475.53	8924.28	-1221.71	-8929.11	28°54'06.507"N	89°50'54.707"W	9012.30	262.209	0.14
16524.00	60.000	304.400	11522.53	8991.79	-1175.95	-8996.44	28°54'06.969"N	89°50'55.458"W	9072.97	262.553	0.37
16619.00	60.800	304.500	11569.46	9060.09	-1129.22	-9064.56	28°54'07.440"N	89°50'56.217"W	9134.62	262.899	0.85
16714.00	60.700	303.900	11615.87	9128.82	-1082.63	-9133.11	28°54'07.910"N	89°50'56.982"W	9197.05	263.240	0.56
16808.00	60.900	303.800	11661.73	9197.15	-1036.93	-9201.26	28°54'08.371"N	89°50'57.742"W	9259.50	263.570	0.23

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

WELLPATH DATA (204 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
16903.00	60.900	303.600	11707.94	9266.38	-990.87	-9270.32	28°54'08.836"N	89°50'58.512"W	9323.12	263.899	0.18
16999.00	60.800	303.600	11754.70	9336.40	-944.47	-9340.15	28°54'09.304"N	89°50'59.290"W	9387.78	264.226	0.10
17094.00	60.700	303.900	11801.12	9405.49	-898.42	-9409.07	28°54'09.769"N	89°51'00.059"W	9451.86	264.546	0.29
17189.00	60.700	303.900	11847.61	9474.44	-852.22	-9477.83	28°54'10.235"N	89°51'00.826"W	9516.07	264.862	0.00
17284.00	60.700	303.900	11894.10	9543.38	-806.01	-9546.59	28°54'10.701"N	89°51'01.592"W	9580.56	265.174	0.00
17379.00	60.800	303.900	11940.52	9612.36	-759.78	-9615.39	28°54'11.168"N	89°51'02.360"W	9645.36	265.482	0.11
17475.00	60.700	303.900	11987.42	9682.06	-713.06	-9684.91	28°54'11.639"N	89°51'03.135"W	9711.13	265.789	0.10
17570.00	60.700	303.700	12033.92	9751.08	-666.97	-9753.76	28°54'12.104"N	89°51'03.902"W	9776.53	266.088	0.18
17665.00	60.800	303.900	12080.34	9820.14	-620.86	-9822.64	28°54'12.569"N	89°51'04.670"W	9842.24	266.383	0.21
17760.00	60.700	303.800	12126.75	9889.16	-574.70	-9891.47	28°54'13.035"N	89°51'05.438"W	9908.15	266.675	0.14
17854.00	60.700	303.900	12172.76	9957.41	-529.03	-9959.55	28°54'13.496"N	89°51'06.197"W	9973.59	266.959	0.09
17950.00	60.700	303.600	12219.74	10027.20	-482.52	-10029.16	28°54'13.965"N	89°51'06.973"W	10040.76	267.246	0.27
18045.00	60.700	303.200	12266.23	10096.55	-436.92	-10098.33	28°54'14.425"N	89°51'07.745"W	10107.77	267.523	0.37
18140.00	60.900	302.900	12312.58	10166.23	-391.69	-10167.84	28°54'14.882"N	89°51'08.520"W	10175.38	267.794	0.35
18236.00	60.900	303.200	12359.26	10236.72	-345.94	-10238.14	28°54'15.344"N	89°51'09.304"W	10243.99	268.065	0.27
18331.00	61.000	304.300	12405.39	10305.95	-299.81	-10307.20	28°54'15.809"N	89°51'10.074"W	10311.55	268.334	1.02
18426.00	60.800	304.200	12451.60	10374.74	-253.09	-10375.81	28°54'16.280"N	89°51'10.839"W	10378.90	268.603	0.23
18521.00	60.700	303.700	12498.02	10443.68	-206.80	-10444.57	28°54'16.747"N	89°51'11.606"W	10446.61	268.866	0.47
18616.00	60.800	303.800	12544.43	10512.78	-160.75	-10513.48	28°54'17.212"N	89°51'12.375"W	10514.71	269.124	0.14
18712.00	60.700	303.400	12591.34	10582.72	-114.40	-10583.25	28°54'17.680"N	89°51'13.153"W	10583.87	269.381	0.38
18807.00	60.800	303.700	12637.76	10651.98	-68.59	-10652.33	28°54'18.142"N	89°51'13.923"W	10652.55	269.631	0.29
18902.00	60.700	303.600	12684.18	10721.16	-22.66	-10721.33	28°54'18.606"N	89°51'14.692"W	10721.35	269.879	0.14
18998.00	60.600	302.900	12731.23	10791.31	23.22	-10791.30	28°54'19.069"N	89°51'15.473"W	10791.33	270.123	0.64
19037.00†	60.600	302.900	12750.38	10819.91	41.68	-10819.83	28°54'19.255"N	89°51'15.791"W	10819.91	270.221	0.00

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

HOLE & CASING SECTIONS Ref Wellbore: X-6 ST01 Ref Wellpath: Gyro/MWD (0') 47.5'-19037' <Def>

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing	0.00	14914.00	14914.00	0.00	10699.82	0.00	0.00	-1843.92	-7789.99

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
X-6 ST01 KS Sand: 100'R (Rev1)		11264.50	-1437.19	-8609.65	2475477.94	88374.99	28°54'04.333"N	89°50'51.145"W	circle
X-6 ST01 LP Sand: 100'R (Rev3)		12099.50	-672.19	-9759.65	2474327.94	89139.99	28°54'12.053"N	89°51'03.969"W	circle
X-6 ST01 MD Sand: 100'R (Rev3)		12474.50	-232.19	-10409.65	2473677.94	89579.99	28°54'16.492"N	89°51'11.217"W	circle

WELLPATH COMPOSITION Ref Wellbore: X-6 ST01 Ref Wellpath: Gyro/MWD (0') 47.5'-19037' <Def>

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
47.50	1030.00	Generic gyro - northseeking (Standard)	01_Gyrodata_Gryo_18 5/8in Csg (0') 47.50'-1030'	X-6 ST01
1030.00	4500.00	Generic gyro - northseeking (Standard)	02_Janic Gyro 13.375in Csg (1030') 1100'-4500'	X-6 ST01
4500.00	14949.00	AutoTrak G3 (Standard)	03_INTEQ_MWD ATK 9 5/8in Csg (4500') 4598'-14949	X-6 ST01
14949.00	18998.00	AutoTrak G3 (Standard)	04_INTEQ_MWD ATK 8in HO (14949') 15012'-18998'	X-6 ST01
18998.00	19037.00	Blind Drilling (std)	Projection to bit	X-6 ST01

Actual Wellpath Report

Gyro/MWD (0') 47.5'-19037' <Def>

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REFERENCE WELLPATH IDENTIFICATION

Operator	GOM Shelf LLC	Slot	Slot 3 (X-06)
Area	Offshore Louisiana	Well	OCS-G 01498 X-6 ST01 "Falcon" (WD96)
Field	West Delta Block 95	Wellbore	X-6 ST01
Facility	OCS-G-01497 "X" Platform		

COMMENTS

Run-time comments

API# 17-719-40035-01 BHI Job# 2113743 Rig: Ocean Titan
 RKB-MSL: 134.5' ; FSE's: B. Odam, P. Guidry, A. Pernia, B. Powell
 Gyro/MWD (0') 47.5'-19037' <Def> Duration: 9/20/08 – 10/10/08
 TD Projected to MD: 19037'