

BLUE MARLIN 44-19					API# 05-043-06213		10/27/11						
No.	MD	CL	INC	AZI	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	COMMENTS	
1	11	0	0	0	11	0	0	0	0			Surface @ 5438' RKB	
2	36	25	0.29	266.26	36	-0.03	0	-0.06	1.16	1065.04	1.16	Native Nav. Gyro	
3	61	25	0.22	272.66	61	-0.08	-0.01	-0.17	-0.28	25.6	0.3	Native Nav. Gyro	
4	86	25	0.33	277.85	86	-0.15	0.01	-0.29	0.44	20.76	0.45	Native Nav. Gyro	
5	111	25	0.48	264.63	111	-0.23	0.01	-0.47	0.6	-52.88	0.7	Native Nav. Gyro	
6	136	25	0.29	258.42	136	-0.29	-0.02	-0.64	-0.76	-24.84	0.78	Native Nav. Gyro	
7	161	25	0.22	276.26	161	-0.33	-0.02	-0.75	-0.28	71.36	0.42	Native Nav. Gyro	
8	186	25	0.28	289.14	186	-0.41	0	-0.85	0.24	51.52	0.33	Native Nav. Gyro	
9	211	25	0.15	286.9	211	-0.48	0.03	-0.94	-0.52	-8.96	0.52	Native Nav. Gyro	
10	236	25	0.07	267.43	236	-0.51	0.04	-0.99	-0.32	-77.88	0.35	Native Nav. Gyro	
11	261	25	0.09	205.11	261	-0.5	0.02	-1.01	0.08	-249.28	0.34	Native Nav. Gyro	
12	286	25	0.08	228.12	286	-0.49	-0.01	-1.03	-0.04	92.04	0.14	Native Nav. Gyro	
13	311	25	0.12	103.25	311	-0.46	-0.03	-1.02	0.16	-499.48	0.71	Native Nav. Gyro	
14	336	25	0.13	55.75	336	-0.45	-0.02	-0.97	0.04	-190	0.4	Native Nav. Gyro	
15	361	25	0.2	11.83	361	-0.49	0.04	-0.94	0.28	-175.68	0.56	Native Nav. Gyro	
16	386	25	0.09	53.5	386	-0.52	0.1	-0.91	-0.44	166.68	0.58	Native Nav. Gyro	
17	411	25	0.2	91.83	411	-0.5	0.11	-0.85	0.44	153.32	0.56	Native Nav. Gyro	
18	436	25	0.3	104.69	436	-0.44	0.09	-0.75	0.4	51.44	0.46	Native Nav. Gyro	
19	461	25	0.32	89.79	461	-0.36	0.07	-0.61	0.08	-59.6	0.33	Native Nav. Gyro	
20	486	25	0.37	69.93	486	-0.31	0.1	-0.47	0.2	-79.44	0.52	Native Nav. Gyro	
21	511	25	0.38	79.55	511	-0.27	0.14	-0.31	0.04	38.48	0.25	Native Nav. Gyro	
22	536	25	0.45	90.63	535.99	-0.2	0.16	-0.13	0.28	44.32	0.42	Native Nav. Gyro	
23	561	25	0.53	96.82	560.99	-0.09	0.14	0.08	0.32	24.76	0.38	Native Nav. Gyro	
24	586	25	0.58	95.52	585.99	0.05	0.12	0.32	0.2	-5.2	0.21	Native Nav. Gyro	
25	611	25	0.53	87.93	610.99	0.17	0.11	0.57	-0.2	-30.36	0.36	Native Nav. Gyro	
26	636	25	0.62	84.38	635.99	0.28	0.13	0.82	0.36	-14.2	0.39	Native Nav. Gyro	
27	661	25	0.68	78.67	660.99	0.37	0.17	1.1	0.24	-22.84	0.35	Native Nav. Gyro	
28	686	25	0.67	91.47	685.99	0.49	0.19	1.39	-0.04	51.2	0.6	Native Nav. Gyro	
29	711	25	0.66	95.37	710.99	0.64	0.18	1.68	-0.04	15.6	0.19	Native Nav. Gyro	
30	728	17	0.69	92.96	727.98	0.75	0.16	1.88	0.18	-14.18	0.24	Native Nav. Gyro	
31	836	108	0.44	278.83	835.98	0.84	0.19	2.12	-0.23	172.1	1.05	Native EM MWD	
32	929	93	0.88	92.68	928.98	0.99	0.21	2.48	0.47	-200.16	1.42	Native EM MWD	
33	1025	96	0.79	20.43	1024.97	0.94	0.8	3.44	-0.09	-75.26	1.03	Native EM MWD	
34	1086	61	1.93	333.23	1085.95	-0.36	2.11	3.13	1.87	-77.38	2.47	Native EM MWD	
35	1146	60	2.15	323.92	1145.92	-2.49	3.92	2.01	0.37	-15.52	0.66	Native EM MWD	
36	1207	61	3.08	299.31	1206.85	-5.01	5.65	-0.09	1.52	-40.34	2.36	Native EM MWD	
37	1261	54	2.94	287.97	1260.78	-7.24	6.79	-2.67	-0.26	-21	1.13	Native EM MWD	
38	1325	64	1.49	272.94	1324.73	-8.87	7.34	-5.07	-2.27	-23.48	2.42	Native EM MWD	
39	1389	64	0.53	290.08	1388.72	-9.52	7.48	-6.18	-1.5	26.78	1.56	Native EM MWD	
40	1453	64	0.35	278.83	1452.72	-9.86	7.61	-6.65	-0.28	-17.58	0.31	Native EM MWD	
41	1548	95	0.26	212.21	1547.72	-9.93	7.48	-7.05	-0.09	-70.13	0.36	Native EM MWD	
42	1643	95	0.26	124.41	1642.72	-9.64	7.17	-6.99	0	-92.42	0.38	Native EM MWD	
43	1738	95	0.66	133.63	1737.71	-8.92	6.67	-6.41	0.42	9.71	0.43	Native EM MWD	
44	1833	95	0.53	107.27	1832.71	-8.09	6.16	-5.6	-0.14	-27.75	0.32	Native EM MWD	
45	1928	95	0.75	106.39	1927.7	-7.33	5.86	-4.58	0.23	-0.93	0.23	Native EM MWD	
46	2023	95	0.35	164.22	2022.7	-6.61	5.4	-3.91	-0.42	60.87	0.67	Native EM MWD	
47	2118	95	0.83	126.96	2117.69	-5.7	4.71	-3.28	0.51	-39.22	0.62	Native EM MWD	
48	2213	95	0.7	123.18	2212.69	-4.57	3.98	-2.24	-0.14	-3.98	0.15	Native EM MWD	
49	2311	98	0.79	106.74	2310.68	-3.56	3.46	-1.09	0.09	-16.78	0.24	Native EM MWD	
50	2406	95	1.89	157.89	2405.65	-1.54	1.82	0.12	1.16	53.84	1.6	Native EM MWD	
51	2438	32	3.47	163.34	2437.62	-0.06	0.4	0.6	4.94	17.03	5	Native EM MWD	
52	2469	31	5.32	155.16	2468.52	2.29	-1.8	1.47	5.97	-26.39	6.29	Native EM MWD	
53	2501	32	6.06	159.9	2500.37	5.44	-4.74	2.68	2.31	14.81	2.74	Native EM MWD	
54	2533	32	6.9	156.6	2532.16	9.03	-8.09	4.02	2.62	-10.31	2.87	Native EM MWD	

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55	2565	32	7.9	155.8	2563.9	13.13	-11.86	5.69	3.12	-2.5	3.14	Native EM MWD
56	2597	32	9.54	154.29	2595.52	17.97	-16.25	7.74	5.12	-4.72	5.17	Native EM MWD
57	2629	32	11.21	151.92	2627	23.73	-21.39	10.35	5.22	-7.41	5.39	Native EM MWD
58	2660	31	13.32	150.6	2657.29	30.32	-27.16	13.52	6.81	-4.26	6.87	Native EM MWD
59	2692	32	15.47	150.77	2688.28	38.27	-34.09	17.42	6.72	0.53	6.72	Native EM MWD
60	2722	30	17.53	151.04	2717.05	46.79	-41.54	21.56	6.87	0.9	6.87	Native Em MWD
61	2753	31	18.85	150.69	2746.5	56.47	-49.99	26.27	4.26	-1.13	4.27	Native Em MWD
62	2785	32	21.01	150.33	2776.58	67.37	-59.48	31.64	6.75	-1.13	6.76	Native Em MWD
63	2817	32	22.72	151.65	2806.28	79.29	-69.91	37.42	5.34	4.12	5.56	Native Em MWD
64	2849	32	24.48	150.86	2835.6	92.1	-81.14	43.58	5.5	-2.47	5.59	Native Em MWD
65	2881	32	25.75	152	2864.57	105.68	-93.07	50.07	3.97	3.56	4.25	Native Em MWD
66	2912	31	26.89	152.27	2892.36	119.43	-105.22	56.5	3.68	0.87	3.7	Native EM MWD
67	2944	32	28.26	150.16	2920.72	134.24	-118.2	63.63	4.28	-6.59	5.26	Native EM MWD
68	2975	31	27	151.7	2948.19	148.61	-130.76	70.62	-4.06	4.97	4.67	Native EM MWD
69	3007	32	27.91	152.27	2976.58	163.36	-143.78	77.55	2.84	1.78	2.96	Native EM MWD
70	3039	32	29.36	152.53	3004.67	178.7	-157.37	84.65	4.53	0.81	4.55	Native EM MWD
71	3069	30	30.76	153.23	3030.63	193.72	-170.75	91.5	4.67	2.33	4.81	Native EM MWD
72	3101	32	32.3	153.5	3057.91	210.44	-185.71	99	4.81	0.84	4.83	Native EM MWD
73	3133	32	33.57	152.5	3084.77	227.83	-201.21	106.9	3.97	-3.13	4.32	Native EM MWD
74	3164	31	35.38	152.18	3110.32	245.38	-216.75	115.05	5.84	-1.03	5.87	Native EM MWD
75	3196	32	37.49	151.92	3136.06	264.38	-233.53	123.96	6.59	-0.81	6.61	Native EM MWD
76	3229	33	40.1	151.39	3161.78	285.05	-251.73	133.78	7.91	-1.61	7.97	Native EM MWD
77	3260	31	42.1	151.04	3185.14	305.43	-269.59	143.59	6.45	-1.13	6.49	Native EM MWD
78	3294	34	43.86	150.86	3210.01	328.61	-289.85	154.85	5.18	-0.53	5.19	Native EM MWD
79	3326	32	45.57	150.6	3232.75	351.12	-309.49	165.85	5.34	-0.81	5.37	Native EM MWD
80	3358	32	47.07	151.3	3254.85	374.26	-329.72	177.09	4.69	2.19	4.95	Native EM MWD
81	3388	30	48.43	152.09	3275.02	396.47	-349.27	187.62	4.53	2.63	4.93	Native EM MWD
82	3420	32	50.19	152.97	3295.89	420.73	-370.8	198.81	5.5	2.75	5.88	Native EM MWD
83	3480	60	54.36	152.71	3332.59	468.16	-413.01	220.47	6.95	-0.43	6.96	Native EM MWD
84	3541	61	59.02	151.3	3366.08	519.12	-458	244.4	7.64	-2.31	7.88	Native EM MWD
85	3602	61	61.83	151.39	3396.19	572.17	-504.55	269.84	4.61	0.15	4.61	Native EM MWD
86	3668	66	65.04	151.34	3425.7	631.19	-556.36	298.13	4.86	-0.08	4.86	Native EM MWD
87	3729	61	67.68	152.71	3450.16	687.06	-605.71	324.33	4.33	2.25	4.79	Native EM MWD
88	3759	30	68.47	152.44	3461.36	714.89	-630.41	337.15	2.63	-0.9	2.76	Native EM MWD
89	3790	31	69.92	152.36	3472.37	743.86	-656.09	350.58	4.68	-0.26	4.68	Native EM MWD
90	3820	30	71.5	153.59	3482.28	772.17	-681.31	363.44	5.27	4.1	6.53	Native EM MWD
91	3850	30	73.6	153.76	3491.27	800.76	-706.96	376.13	7	0.57	7.02	Native EM MWD
92	3880	30	75.41	153.76	3499.29	829.65	-732.89	388.91	6.03	0	6.03	Native EM MWD
93	3912	32	77.61	153.67	3506.75	860.74	-760.79	402.69	6.87	-0.28	6.88	Native EM MWD
94	3944	32	79.76	153.41	3513.03	892.09	-788.88	416.67	6.72	-0.81	6.77	Native EM MWD
95	3976	32	81.96	153.59	3518.11	923.67	-817.15	430.77	6.87	0.56	6.9	Native EM MWD
96	4007	31	83.85	153.06	3521.94	954.41	-844.64	444.58	6.1	-1.71	6.33	Native EM MWD
97	4039	32	85.34	152.71	3524.96	986.26	-873	459.1	4.66	-1.09	4.78	Native EM MWD
98	4070	31	86.92	152.71	3527.05	1017.18	-900.48	473.28	5.1	0	5.1	Native EM MWD
99	4102	32	88.64	152.62	3528.29	1049.15	-928.89	487.96	5.37	-0.28	5.38	Native EM MWD
100	4132	30	89.6	152.27	3528.75	1079.14	-955.48	501.84	3.2	-1.17	3.41	Native EM MWD
101	4169	37	89.91	152.09	3528.91	1116.14	-988.2	519.1	0.84	-0.49	0.97	Native EM MWD
102	4201	32	90.97	152.09	3528.66	1148.13	-1016.48	534.08	3.31	0	3.31	Native EM MWD
103	4233	32	91.19	152	3528.06	1180.13	-1044.74	549.08	0.69	-0.28	0.74	Native EM MWD
104	4265	32	91.14	150.9	3527.41	1212.12	-1072.84	564.37	-0.16	-3.44	3.44	Native EM MWD
105	4296	31	91.19	150.77	3526.78	1243.11	-1099.91	579.47	0.16	-0.42	0.45	Native EM MWD
106	4328	32	91.8	150.6	3525.94	1275.1	-1127.8	595.14	1.91	-0.53	1.98	Native EM MWD
107	4359	31	92.64	150.69	3524.74	1306.07	-1154.8	610.32	2.71	0.29	2.72	Native EM MWD
108	4391	32	92.15	150.96	3523.4	1338.04	-1182.71	625.91	-1.53	0.84	1.75	Native EM MWD
109	4422	31	90.62	150.69	3522.66	1369.03	-1209.77	641.01	-4.94	-0.87	5.01	Native EM MWD

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110	4454	32	90.35	150.6	3522.38	1401.02	-1237.66	656.7	-0.84	-0.28	0.89	Native EM MWD
111	4485	31	90.13	150.33	3522.25	1432.02	-1264.63	671.98	-0.71	-0.87	1.12	Native EM MWD
112	4517	32	90.84	149.98	3521.98	1464.01	-1292.39	687.91	2.22	-1.09	2.47	Native EM MWD
113	4548	31	91.58	149.98	3521.33	1494.99	-1319.22	703.41	2.39	0	2.39	Native EM MWD
114	4580	32	91.49	150.07	3520.47	1526.97	-1346.93	719.39	-0.28	0.28	0.4	Native EM MWD
115	4610	30	90.79	150.16	3519.88	1556.95	-1372.94	734.34	-2.33	0.3	2.35	Native EM MWD
116	4644	34	90.84	149.89	3519.39	1590.94	-1402.39	751.32	0.15	-0.79	0.81	Native EM MWD
117	4671	27	91.23	149.37	3518.9	1617.92	-1425.68	764.97	1.44	-1.93	2.41	Native EM MWD
118	4702	31	91.4	149.19	3518.19	1648.89	-1452.32	780.8	0.55	-0.58	0.8	Native EM MWD
119	4733	31	90.65	148.31	3517.64	1679.85	-1478.82	796.88	-2.42	-2.84	3.73	Native EM MWD
120	4764	31	90	148.13	3517.46	1710.8	-1505.17	813.21	-2.1	-0.58	2.18	Native EM MWD
121	4795	31	90.22	148.05	3517.4	1741.75	-1531.49	829.6	0.71	-0.26	0.75	Native EM MWD
122	4827	32	90.26	148.31	3517.27	1773.69	-1558.68	846.47	0.12	0.81	0.82	Native EM MWD
123	4859	32	90.52	148.57	3517.05	1805.65	-1585.94	863.22	0.81	0.81	1.15	Native EM MWD
124	4891	32	90.61	148.84	3516.73	1837.61	-1613.29	879.84	0.28	0.84	0.89	Native EM MWD
125	4922	31	90.74	149.1	3516.37	1868.58	-1639.85	895.82	0.42	0.84	0.94	Native EM MWD
126	4954	32	90.44	150.07	3516.04	1900.56	-1667.44	912.02	-0.94	3.03	3.17	Native EM MWD
127	4989	35	90.57	151.3	3515.73	1935.55	-1697.96	929.15	0.37	3.51	3.53	Native EM MWD
128	5021	32	90.79	150.77	3515.35	1967.55	-1725.96	944.65	0.69	-1.66	1.79	Native EM MWD
129	5053	32	90.92	150.33	3514.87	1999.54	-1753.82	960.38	0.41	-1.38	1.43	Native EM MWD
130	5084	31	90.53	151.48	3514.48	2030.54	-1780.9	975.45	-1.26	3.71	3.92	Native EM MWD
131	5116	32	90.48	151.83	3514.2	2062.53	-1809.06	990.64	-0.16	1.09	1.1	Native EM MWD
132	5148	32	90.62	151.13	3513.89	2094.53	-1837.18	1005.92	0.44	-2.19	2.23	Native EM MWD
133	5180	32	90.42	151.13	3513.6	2126.53	-1865.2	1021.37	-0.63	0	0.63	Native EM MWD
134	5211	31	90.48	151.56	3513.36	2157.53	-1892.4	1036.24	0.19	1.39	1.4	Native EM MWD
135	5243	32	90.75	150.86	3513.02	2189.53	-1920.45	1051.65	0.84	-2.19	2.34	Native EM MWD
136	5306	63	90.44	151.74	3512.36	2252.52	-1975.7	1081.9	-0.49	1.4	1.48	Native EM MWD
137	5369	63	90.66	151.83	3511.76	2315.52	-2031.22	1111.68	0.35	0.14	0.38	Native EM MWD
138	5431	62	90.75	151.3	3510.99	2377.51	-2085.73	1141.2	0.15	-0.86	0.87	Native EM MWD
139	5493	62	90.7	150.86	3510.21	2439.51	-2140	1171.18	-0.08	-0.71	0.71	Native EM MWD
140	5556	63	90.79	151.04	3509.39	2502.5	-2195.06	1201.77	0.14	0.29	0.32	Native EM MWD
141	5618	62	90.83	150.95	3508.51	2564.49	-2249.28	1231.83	0.06	-0.15	0.16	Native EM MWD
142	5680	62	90.44	151.39	3507.83	2626.49	-2303.6	1261.72	-0.63	0.71	0.95	Native EM MWD
143	5743	63	90.62	150.42	3507.24	2689.48	-2358.64	1292.36	0.29	-1.54	1.57	Native EM MWD
144	5807	64	90.75	150.07	3506.48	2753.46	-2414.2	1324.12	0.2	-0.55	0.58	Native EM MWD
145	5871	64	91.05	149.37	3505.47	2817.42	-2469.46	1356.38	0.47	-1.09	1.19	Native EM MWD
146	5934	63	91.41	149.28	3504.12	2880.36	-2523.63	1388.52	0.57	-0.14	0.59	Native EM MWD
147	5998	64	91.58	149.28	3502.45	2944.3	-2578.63	1421.2	0.27	0	0.27	Native EM MWD
148	6030	32	91.41	149.19	3501.62	2976.26	-2606.12	1437.56	-0.53	-0.28	0.6	Native EM MWD
149	6085	55	91.5	149	3500.22	3031.19	-2653.3	1465.8	0.16	-0.35	0.38	Proj. @ TD