

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
90DY-04-051990 08 22
CX-LB-00510

005078

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	0.44	183.20	0.00	0.00	0.00	0.00	0.00
25.00	0.55	176.63	25.00	0.22 S	0.00 E	0.20	0.48
50.00	0.50	176.35	50.00	0.45 S	0.02 E	0.40	0.19
75.00	0.50	189.00	75.00	0.87 S	0.01 E	0.60	0.48
100.00	0.64	195.40	100.00	0.91 S	0.08 W	0.86	0.61
125.00	0.79	199.27	124.99	1.22 S	0.14 W	1.16	0.69
160.00	0.87	203.63	149.99	1.55 S	0.28 W	1.53	0.39
175.00	0.93	199.74	174.99	1.92 S	0.42 W	1.92	0.36
200.00	0.90	198.58	199.98	2.30 S	0.56 W	2.32	0.15
225.00	0.85	210.25	224.98	2.65 S	0.71 W	2.70	0.74
250.00	1.00	211.17	249.98	3.00 S	0.92 W	3.11	0.60
275.00	1.23	209.11	274.97	3.42 S	1.17 W	3.60	0.92
300.00	1.27	210.58	299.97	3.90 S	1.44 W	4.14	0.21
325.00	1.29	207.68	324.96	4.39 S	1.71 W	4.70	0.27
350.00	1.32	203.75	349.95	4.90 S	1.96 W	5.27	0.38
375.00	1.33	211.17	374.95	5.42 S	2.23 W	5.85	0.69
400.00	1.34	212.29	399.94	5.91 S	2.53 W	6.43	0.11
425.00	1.32	209.66	424.93	6.41 S	2.83 W	7.01	0.25
450.00	1.22	213.38	449.93	6.89 S	3.12 W	7.56	0.52
475.00	1.29	213.54	474.92	7.34 S	3.43 W	8.10	0.26
500.00	1.30	209.67	499.92	7.83 S	3.72 W	8.67	0.35
525.00	1.44	206.84	524.91	8.35 S	4.01 W	9.27	0.63
550.00	1.48	202.84	549.90	8.93 S	4.27 W	9.90	0.43
575.00	1.32	201.51	574.89	9.50 S	4.50 W	10.51	0.63
600.00	1.48	204.11	599.89	10.07 S	4.74 W	11.13	0.69
625.00	1.46	202.94	624.88	10.66 S	5.00 W	11.77	0.15
637.00	1.45	203.78	636.87	10.94 S	5.12 W	12.08	0.21

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 205.09x (GRID)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 12.08 FEET, IN THE DIRECTION OF 205.09x (GRID)

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	89.53	183.20	0.00	0.00	0.00	0.00	0.00
25.00	89.44	176.63	25.00	0.22 S	0.00 E	0.20	0.43
50.00	89.49	176.35	50.00	0.45 S	0.02 E	0.40	0.19
75.00	89.49	189.00	75.00	0.67 S	0.01 E	0.61	0.45
100.00	89.35	195.40	100.00	0.92 S	0.05 W	0.85	0.61
125.00	89.20	199.27	124.99	1.22 S	0.14 W	1.17	0.63
150.00	89.12	203.63	149.99	1.56 S	0.28 W	1.53	0.39
175.00	89.06	199.74	174.99	1.93 S	0.42 W	1.92	0.36
200.00	89.09	198.58	189.98	2.31 S	0.56 W	2.32	0.15
225.00	89.14	210.25	224.98	2.65 S	0.71 W	2.71	0.74
250.00	88.99	211.17	249.98	3.00 S	0.92 W	3.11	0.60
275.00	88.76	209.11	274.97	3.43 S	1.17 W	3.60	0.92
300.00	88.72	210.58	299.97	3.90 S	1.44 W	4.15	0.21
325.00	88.70	207.68	324.96	4.39 S	1.71 W	4.70	0.27
350.00	88.67	203.75	349.95	4.91 S	1.96 W	5.27	0.38
375.00	88.66	211.17	374.95	5.42 S	2.23 W	5.85	0.69
400.00	88.65	212.29	399.94	5.92 S	2.53 W	6.43	0.11
425.00	88.67	209.66	424.93	6.42 S	2.83 W	7.01	0.25
450.00	88.77	213.38	449.93	6.89 S	3.12 W	7.56	0.52
475.00	88.70	213.54	474.92	7.35 S	3.43 W	8.11	0.26
500.00	88.69	209.67	499.92	7.83 S	3.72 W	8.67	0.35
525.00	88.55	206.84	524.91	8.36 S	4.01 W	9.27	0.63
550.00	88.51	202.84	549.90	8.94 S	4.27 W	9.91	0.43
575.00	88.67	201.51	574.89	9.50 S	4.50 W	10.52	0.63
600.00	88.51	204.11	599.89	10.07 S	4.74 W	11.13	0.69
625.00	88.53	202.94	624.88	10.66 S	5.00 W	11.77	0.16
637.00	88.54	203.78	636.87	10.94 S	5.12 W	12.08	0.21

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
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