

SUR I - 1980/S 4 760/E
BHL H - 3212/S 4 435/E
30-D25-33926

28 7-34



Lateral: 1

Proposed Direction: 42

Dog Leg Severity per: 100 feet

Measured Depth	Inclination	Azimuth	True Vertical Depth	North/South Coordinate	East/West Coordinate	Vertical Section	Dog Leg Severity	Survey Tool
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
100	0.24	147.24	100.00	-0.18	0.11	-0.06	0.24	
200	0.20	175.63	200.00	-0.53	0.24	-0.23	0.11	
300	0.21	191.02	300.00	-0.88	0.22	-0.51	0.06	
400	0.29	164.68	400.00	-1.30	0.25	-0.80	0.14	
500	0.13	151.07	500.00	-1.65	0.37	-0.98	0.17	
600	0.04	174.67	600.00	-1.78	0.43	-1.04	0.09	
700	0.15	257.63	700.00	-1.84	0.31	-1.17	0.15	
800	0.10	211.32	800.00	-1.95	0.13	-1.36	0.11	
900	0.10	167.54	900.00	-2.11	0.11	-1.50	0.07	
1000	0.10	258.25	1000.00	-2.21	0.04	-1.62	0.14	
1100	0.23	168.98	1100.00	-2.42	-0.01	-1.81	0.25	
1200	0.27	163.62	1199.99	-2.85	0.10	-2.05	0.05	
1300	0.42	177.21	1299.99	-3.44	0.18	-2.44	0.17	
1400	0.44	158.74	1399.99	-4.16	0.34	-2.87	0.14	
1500	0.23	160.37	1499.99	-4.71	0.54	-3.14	0.21	
1600	0.27	233.10	1599.99	-5.04	0.42	-3.46	0.30	
1700	0.22	260.72	1699.99	-5.21	0.05	-3.84	0.13	
1800	0.30	260.54	1799.99	-5.29	-0.40	-4.20	0.08	
1900	0.19	252.35	1899.98	-5.38	-0.82	-4.55	0.12	
2000	0.22	250.45	1999.98	-5.50	-1.16	-4.86	0.03	
2100	0.26	256.99	2099.98	-5.61	-1.56	-5.21	0.05	
2200	0.24	250.21	2199.98	-5.73	-1.98	-5.58	0.04	
2300	0.17	279.58	2299.98	-5.78	-2.32	-5.85	0.12	
2400	0.19	257.95	2399.98	-5.79	-2.63	-6.06	0.07	
2500	0.09	262.27	2499.98	-5.83	-2.87	-6.26	0.10	
2600	0.19	167.12	2599.98	-6.01	-2.91	-6.41	0.22	
2700	0.25	141.43	2699.98	-6.34	-2.74	-6.54	0.11	
2800	0.31	98.41	2799.98	-6.55	-2.33	-6.43	0.21	
2900	0.36	85.73	2899.98	-6.56	-1.75	-6.05	0.09	
3000	0.36	84.14	2999.98	-6.51	-1.13	-5.59	0.01	
3100	0.37	86.08	3099.97	-6.46	-0.49	-5.13	0.02	
3200	0.43	82.70	3199.97	-6.39	0.20	-4.61	0.06	
3300	0.42	92.06	3299.97	-6.35	0.94	-4.09	0.07	
3400	0.28	104.94	3399.97	-6.43	1.54	-3.74	0.16	
3500	0.25	158.94	3499.97	-6.69	1.86	-3.73	0.24	
3600	0.26	169.24	3599.96	-7.12	1.98	-3.97	0.05	
3700	0.28	172.88	3699.96	-7.59	2.05	-4.26	0.03	
3800	0.23	171.56	3799.96	-8.03	2.11	-4.55	0.05	
3900	0.20	271.07	3899.96	-8.22	1.97	-4.79	0.33	
4000	0.22	275.25	3999.96	-8.20	1.60	-5.02	0.03	
4100	0.31	281.02	4099.96	-8.13	1.14	-5.28	0.09	
4200	0.29	276.07	4199.96	-8.05	0.63	-5.57	0.03	
4300	0.28	274.94	4299.96	-8.01	0.13	-5.86	0.01	
4400	0.36	261.50	4399.96	-8.03	-0.42	-6.25	0.11	
4500	0.38	258.64	4499.95	-8.14	-1.06	-6.76	0.03	
4600	0.28	250.95	4599.95	-8.29	-1.61	-7.24	0.11	
4700	0.34	237.50	4699.95	-8.53	-2.10	-7.74	0.09	
4800	0.17	230.67	4799.95	-8.78	-2.46	-8.17	0.17	
4900	0.20	84.83	4899.95	-8.86	-2.40	-8.19	0.35	
5000	0.29	99.62	4999.95	-8.88	-1.98	-7.93	0.11	
5100	0.32	68.17	5099.95	-8.82	-1.47	-7.54	0.17	

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5200	0.48	58.39	5199.94	-8.50	-0.85	-6.89	0.17
5300	0.62	83.23	5299.94	-8.22	0.04	-6.08	0.27
5400	0.65	61.50	5399.93	-7.88	1.08	-5.14	0.24
5500	0.82	59.56	5499.93	-7.25	2.19	-3.92	0.17
5600	0.93	55.63	5599.91	-6.43	3.48	-2.45	0.13
5700	0.83	57.89	5699.90	-5.59	4.76	-0.96	0.11
5800	0.88	53.30	5799.89	-4.74	5.99	0.49	0.08
5900	1.02	58.84	5899.88	-3.82	7.37	2.09	0.17
6000	1.06	52.55	5999.86	-2.80	8.86	3.85	0.12
6100	1.03	50.74	6099.84	-1.67	10.29	5.65	0.04
6200	1.07	45.43	6199.83	-0.44	11.66	7.47	0.11
6300	0.98	39.51	6299.81	0.87	12.86	9.26	0.14
6400	1.01	43.31	6399.80	2.17	14.01	10.99	0.07
6500	1.10	38.20	6499.78	3.57	15.21	12.83	0.13
6600	1.10	40.06	6599.76	5.06	16.42	14.75	0.04
6700	1.00	46.15	6699.74	6.40	17.67	16.58	0.15
6800	1.10	49.51	6799.73	7.62	19.03	18.40	0.12
6900	1.14	48.98	6899.71	8.90	20.51	20.34	0.04
7000	1.24	51.78	6999.69	10.22	22.11	22.39	0.12
7100	1.29	50.96	7099.66	11.60	23.83	24.57	0.05
7200	1.34	52.66	7199.64	13.02	25.64	26.83	0.06
7300	1.26	46.66	7299.61	14.48	27.37	29.08	0.16
7400	1.31	41.76	7399.59	16.09	28.93	31.31	0.12
7500	1.24	45.18	7499.56	17.71	30.46	33.54	0.10
7600	1.35	44.61	7599.54	19.31	32.05	35.80	0.11
7700	1.05	59.31	7699.51	20.61	33.67	37.85	0.43
7800	1.02	60.31	7799.50	21.52	35.23	39.57	0.04
7900	1.00	58.91	7899.48	22.41	36.75	41.25	0.03
8000	0.96	75.52	7999.47	23.07	38.31	42.78	0.29
8100	0.93	77.80	8099.45	23.45	39.91	44.14	0.05
8200	0.92	83.33	8199.44	23.72	41.50	45.40	0.09
8300	0.75	83.16	8299.43	23.89	42.95	46.49	0.17
8400	0.72	77.47	8399.42	24.10	44.21	47.50	0.08
8500	0.87	83.77	8499.41	24.32	45.58	48.58	0.17GYRO
8530	0.90	83.20	8529.41	24.38	46.04	48.92	0.10
8560	10.20	33.70	8559.24	26.62	47.75	51.73	32.13
8570	13.20	34.80	8569.03	28.29	48.90	53.74	30.08
8580	16.20	33.30	8578.70	30.40	50.31	56.26	30.24
8590	19.00	31.80	8588.23	32.95	51.94	59.24	28.36
8600	22.20	31.90	8597.59	35.94	53.79	62.70	32.00
8610	25.30	32.50	8606.75	39.34	55.94	66.67	31.09
8620	28.00	33.90	8615.68	43.09	58.40	71.10	27.72
8630	30.80	35.80	8624.39	47.12	61.21	75.97	29.51
8640	33.40	38.30	8632.86	51.36	64.41	81.26	29.19
8650	36.30	40.40	8641.07	55.77	68.04	86.97	31.38
8660	38.90	42.50	8648.99	60.34	72.08	93.07	28.98
8670	41.50	44.60	8656.63	65.02	76.53	99.52	29.32
8680	44.50	45.50	8663.94	69.83	81.35	106.33	30.62
8690	47.90	45.00	8670.86	74.91	86.48	113.54	34.19
8700	51.20	44.30	8677.35	80.33	91.82	121.14	33.43
8726	59.30	41.30	8692.16	96.01	106.30	142.48	32.56
8757	67.00	40.00	8706.15	116.98	124.30	170.11	25.12
8789	71.60	40.50	8717.46	139.82	143.64	200.02	14.45
8821	75.70	39.80	8726.47	163.29	163.43	230.70	12.98
8853	77.10	40.50	8733.99	187.06	183.48	261.79	4.86

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8884	78.80	42.50	8740.46	209.76	203.57	292.10	8.36	
8916	78.80	43.70	8746.68	232.68	225.02	323.48	3.68	
8948	79.00	43.90	8752.84	255.35	246.75	354.87	0.88	
8980	79.70	43.70	8758.75	278.04	268.52	386.30	2.27	
9011	80.10	43.70	8764.19	300.11	289.61	416.81	1.29	
9043	80.20	43.20	8769.66	323.00	311.29	448.33	1.57	
9075	81.80	43.00	8774.67	346.07	332.88	479.93	5.04	
9104	84.30	44.10	8778.18	366.94	352.72	508.70	9.41	MWD
9139	87.60	45.80	8780.65	391.64	377.38	543.56	10.60	
9169	92.00	45.70	8780.75	412.57	398.86	573.49	14.67	
9200	93.30	45.70	8779.32	434.19	421.02	604.39	4.19	
9232	93.60	46.00	8777.40	456.44	443.94	636.26	1.32	MWD
9264	96.10	46.40	8774.69	478.51	466.95	668.06	7.91	
9296	96.90	46.50	8771.07	500.42	490.00	699.75	2.52	
9327	96.90	46.40	8767.34	521.62	512.30	730.44	0.32	
9359	96.80	46.70	8763.53	543.47	535.37	762.11	0.98	
9390	96.90	46.70	8759.83	564.58	557.77	792.78	0.32	MWD
9421	96.60	46.40	8756.19	585.75	580.12	823.47	1.36	
9453	96.60	46.00	8752.51	607.75	603.06	855.17	1.24	MWD
9484	97.70	46.40	8748.65	629.04	625.26	885.85	3.77	
9516	98.20	46.00	8744.22	650.98	648.13	917.46	1.99	
9548	99.90	43.70	8739.19	673.38	670.42	949.02	8.87	MWD
9579	99.90	43.40	8733.86	695.51	691.46	979.54	0.95	
9611	97.80	43.90	8728.94	718.39	713.28	1011.15	6.74	
9643	97.80	44.10	8724.59	741.19	735.31	1042.83	0.62	
9674	96.30	43.50	8720.79	763.40	756.60	1073.58	5.21	
9706	93.40	43.70	8718.08	786.49	778.59	1105.45	9.08	MWD
9738	92.00	43.70	8716.58	809.60	800.67	1137.40	4.38	
9769	89.60	42.80	8716.14	832.17	821.91	1168.39	8.27	
9801	88.30	42.50	8716.73	855.70	843.58	1200.38	4.17	
9833	87.60	41.80	8717.88	879.41	865.04	1232.36	3.09	
9865	83.90	41.60	8720.25	903.23	886.27	1264.26	11.58	MWD
9896	84.10	41.40	8723.49	926.32	906.70	1295.09	0.91	
9928	85.30	41.60	8726.44	950.19	927.81	1326.95	3.80	MWD
9960	85.30	41.30	8729.06	974.09	948.92	1358.85	0.93	
9992	86.00	40.90	8731.49	998.14	969.90	1390.75	2.52	
10023	85.90	40.90	8733.68	1021.51	990.14	1421.67	0.32	
10055	85.90	42.00	8735.97	1045.43	1011.27	1453.58	3.43	MWD
10087	86.00	41.80	8738.23	1069.19	1032.59	1485.50	0.70	
10119	85.30	43.50	8740.66	1092.66	1054.21	1517.41	5.73	
10150	86.00	43.70	8743.01	1115.04	1075.52	1548.31	2.35	MWD
10182	84.50	45.80	8745.66	1137.69	1097.97	1580.16	8.05	
10214	85.50	46.00	8748.45	1159.87	1120.87	1611.96	3.19	
10246	84.50	45.50	8751.24	1182.12	1143.70	1643.77	3.49	
10277	82.00	45.50	8754.88	1203.69	1165.65	1674.49	8.06	MWD
10318	82.00	45.50	8760.59	1232.15	1194.61	1715.02	0.00	MWD