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Outrun Survey
for
E.O.G.

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Well No.: HOLLY 5 FED #3H
Job No.: 32K0309099

Date: 17-MAR-2009

Proposal: 92.24

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	GRID Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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0.00	0.00	0.00	0.00	359.82	0.00	0.00	0.00
100.00	100.00	0.12	0.15	116.56	-0.06	0.12	0.15
200.00	200.00	0.42	0.31	139.04	-0.32	0.41	0.18
300.00	299.99	1.22	0.70	88.68	-0.51	1.20	0.56
400.00	399.99	2.53	0.81	83.92	-0.42	2.51	0.13
500.00	499.97	3.99	0.93	71.76	-0.09	3.99	0.22
600.00	599.96	5.70	1.21	67.03	0.57	5.73	0.29
700.00	699.93	7.65	1.25	67.39	1.40	7.71	0.04
800.00	799.91	9.74	1.38	68.78	2.26	9.84	0.13
900.00	899.87	12.16	1.65	68.20	3.23	12.30	0.27
1000.00	999.83	14.89	1.80	66.42	4.39	15.07	0.16
1100.00	1099.76	18.35	2.45	75.80	5.54	18.59	0.74
1200.00	1199.66	22.62	2.65	76.02	6.63	22.90	0.20
1300.00	1299.56	26.84	2.40	74.42	7.75	27.16	0.26
1400.00	1399.49	30.47	2.02	70.59	8.90	30.84	0.41
1500.00	1499.43	33.56	1.84	67.36	10.10	33.98	0.21
1600.00	1599.38	36.23	1.62	61.39	11.39	36.71	0.28
1700.00	1699.35	38.31	1.16	61.19	12.56	38.83	0.46
1800.00	1799.34	39.82	0.90	56.59	13.48	40.38	0.27
1900.00	1899.32	41.11	0.93	56.06	14.37	41.70	0.03
2000.00	1999.31	42.32	0.84	50.73	15.28	42.95	0.12
2100.00	2099.30	43.31	0.86	39.10	16.33	43.99	0.17
2200.00	2199.29	44.04	0.95	21.33	17.68	44.76	0.29
2300.00	2299.27	44.59	0.98	21.49	19.25	45.38	0.03
2400.00	2399.26	45.16	1.00	21.58	20.86	46.01	0.02
2500.00	2499.24	45.77	1.03	23.47	22.50	46.69	0.04
2600.00	2599.23	46.45	1.11	23.44	24.21	47.43	0.08
2700.00	2699.21	47.17	1.15	24.04	26.01	48.23	0.04
2800.00	2799.19	47.96	1.16	26.19	27.84	49.08	0.04
2900.00	2899.16	48.78	1.20	25.45	29.69	49.98	0.04
3000.00	2999.14	49.65	1.23	27.26	31.59	50.92	0.05
3100.00	3099.12	50.53	1.24	25.59	33.52	51.88	0.04
3200.00	3199.09	51.41	1.34	25.04	35.56	52.84	0.10
3300.00	3299.07	52.23	1.37	19.80	37.74	53.74	0.13
3400.00	3399.04	52.92	1.42	18.04	40.04	54.53	0.07
3500.00	3499.01	53.66	1.42	21.24	42.38	55.36	0.08
3600.00	3598.99	54.38	0.78	29.13	44.13	56.14	0.66
3700.00	3698.98	55.14	0.54	108.44	44.57	56.92	0.86
3800.00	3798.98	55.67	0.69	174.42	43.82	57.43	0.68
3900.00	3898.97	55.74	0.70	182.97	42.61	57.45	0.10

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Well No.: HOLLY 5 FED #3H
Job No.: 32K0309099

Date: 17-MAR-2009

Proposal: 92.24

Depth	T.V.D.	V.S.	Inc	GRID Azimuth	Latitude	Departure	D-leg
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Holly 5 Fed #3H Gyro.txt

(Feet)	(Feet)	(Feet)	Deg.	Deg.	(Feet)	(Feet)	/100
4000.00	3998.96	55.73	0.63	183.46	41.45	57.39	0.07
4100.00	4098.96	55.64	0.57	190.62	40.42	57.27	0.10
4200.00	4198.95	55.50	0.13	220.98	39.84	57.10	0.46
4300.00	4298.95	55.24	0.22	279.97	39.79	56.84	0.19
4400.00	4398.95	54.83	0.28	297.34	39.94	56.43	0.10
4500.00	4498.95	54.37	0.34	309.38	40.24	55.98	0.09
4600.00	4598.95	53.89	0.32	301.27	40.57	55.52	0.05
4700.00	4698.95	53.25	0.53	303.65	40.97	54.89	0.21
4800.00	4798.94	52.41	0.72	317.79	41.69	54.08	0.24
4900.00	4898.93	51.39	0.99	320.05	42.82	53.11	0.27
5000.00	4998.91	50.19	1.07	320.44	44.20	51.96	0.08
5100.00	5098.89	48.99	1.19	328.53	45.81	50.82	0.20
5200.00	5198.86	47.60	1.64	327.64	47.90	49.51	0.45
5300.00	5298.82	45.90	1.76	326.82	50.40	47.91	0.12
5400.00	5398.76	43.99	2.04	327.29	53.18	46.10	0.28
5500.00	5498.69	41.69	2.21	320.64	56.17	43.92	0.30
5600.00	5598.61	38.85	2.40	314.11	59.12	41.19	0.32
5700.00	5698.52	35.54	2.55	310.33	62.01	37.99	0.22
5800.00	5798.42	31.86	2.67	306.49	64.84	34.43	0.21
5900.00	5898.30	27.72	2.94	302.41	67.60	30.39	0.34
6000.00	5998.13	22.99	3.61	309.10	70.96	25.78	0.77
6100.00	6097.93	18.01	3.78	314.00	75.23	20.97	0.36
6200.00	6197.72	13.46	3.60	320.63	79.95	16.60	0.46
6300.00	6297.51	9.70	3.84	332.17	85.34	13.05	0.78
6400.00	6397.29	6.98	3.83	344.00	91.51	10.56	0.79
6500.00	6497.08	5.41	3.61	352.66	97.84	9.24	0.60
6600.00	6596.89	4.61	3.35	356.85	103.88	8.68	0.36
6700.00	6696.73	4.40	3.15	3.62	109.54	8.69	0.43
6800.00	6796.58	4.48	3.06	2.47	114.95	8.98	0.11
6900.00	6896.42	4.90	3.40	10.21	120.53	9.62	0.55
6980.00	6976.28	5.35	3.40	5.09	125.23	10.25	0.38

The Horizontal Displacement (in Feet) at
Measured Depth 6980.00 is 125.65 in a Direction of 4.68 Degrees