



Company: EXXON MOBIL

Lease/Well: PCU/55-9

Rig Name: PRODUCTION

State/County: COLORADO/RIO BLANCO

Latitude: 39.88

GRID North is 1.72 Degrees West of True North

VS-Azi: 0.00 Degrees



DEPTH REFERENCE : KB = 0' (14' AGL)

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: raw.ut

Minimum Curvature Method

Report Date/Time: 7/8/2010 / 15:30

Vaughn Energy Services

Rifle, Colorado

970 456 2071

Surveyor: S. Anderson

PCU 55-9

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
200.00	0.16	110.08	200.00	-0.09	0.26	-0.09	0.27	110.08	0.08
400.00	0.18	107.72	400.00	-0.28	0.82	-0.28	0.86	109.22	0.01
600.00	0.32	120.22	600.00	-0.66	1.60	-0.66	1.73	112.48	0.07
800.00	0.76	98.88	799.99	-1.15	3.39	-1.15	3.58	108.70	0.24
1000.00	1.58	84.08	999.94	-1.07	7.45	-1.07	7.52	98.15	0.44
1200.00	4.03	68.02	1199.69	1.85	16.73	1.85	16.83	83.68	1.27
1400.00	8.32	55.57	1398.49	12.68	35.20	12.68	37.41	70.19	2.23
1600.00	7.62	69.85	1596.58	25.43	59.60	25.43	64.80	66.89	1.05
1800.00	6.56	72.12	1795.04	33.51	82.93	33.51	89.44	68.00	0.55
2000.00	5.48	75.89	1993.94	39.35	103.07	39.35	110.33	69.11	0.58
2200.00	5.02	63.07	2193.10	45.64	120.14	45.64	128.52	69.20	0.63
2400.00	5.49	49.90	2392.27	55.77	135.27	55.77	146.31	67.59	0.64
2600.00	7.18	57.63	2591.05	68.62	153.14	68.62	167.81	65.86	0.94
2800.00	11.56	60.81	2788.33	85.10	181.20	85.10	200.19	64.84	2.21
2900.00	10.94	60.89	2886.41	94.60	198.24	94.60	219.66	64.49	0.62