

David H. Arrington Oil & Gas, Inc.
 Royal Stimulator No. 1, slot #1
 UNKNOWN, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 3
 Your ref : MWD st-01
 Last revised : 20-Feb-2001

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
5000.00	0.48	2.72	4999.79	28.38 N	0.03	-23.04
5100.00	0.58	338.61	5099.79	29.27 N	0.24	-23.83
5200.00	0.65	337.59	5199.78	30.26 N	0.06	-24.63
5300.00	0.65	351.87	5299.78	31.34 N	0.16	-25.55
5400.00	0.49	338.54	5399.77	32.30 N	0.20	-26.38
5500.00	0.63	353.74	5499.77	33.25 N	0.20	-27.20
5600.00	0.54	350.71	5599.76	34.26 N	0.09	-28.11
5700.00	0.49	346.84	5699.76	35.14 N	0.06	-28.89
5800.00	0.33	346.30	5799.76	35.84 N	0.16	-29.49
5900.00	0.61	349.65	5899.75	36.65 N	0.28	-30.19
6000.00	0.44	0.25	5999.75	37.55 N	0.19	-31.02
6100.00	0.33	356.09	6099.75	38.23 N	0.12	-31.65
6200.00	0.53	319.25	6199.74	38.87 N	0.33	-32.15
6300.00	0.67	327.81	6299.74	39.72 N	0.17	-32.74
6400.00	0.72	319.62	6399.73	40.69 N	0.11	-33.43
6500.00	0.45	337.70	6499.73	41.54 N	0.32	-34.04
6600.00	0.75	333.69	6599.72	42.49 N	0.30	-34.79
6700.00	0.73	336.53	6699.71	43.66 N	0.04	-35.71
6800.00	0.66	311.51	6799.70	44.63 N	0.31	-36.40
6900.00	0.70	342.33	6899.70	45.59 N	0.36	-37.10
7000.00	0.76	316.88	6999.69	46.66 N	0.33	-37.90
7100.00	0.57	306.76	7099.68	47.44 N	0.23	-38.35
7200.00	0.44	315.32	7199.68	48.01 N	0.15	-38.67
7300.00	0.45	284.63	7299.68	48.39 N	0.24	-38.81
7400.00	0.48	326.23	7399.67	48.83 N	0.33	-39.03

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 93.99 on azimuth 221.11 degrees from wellhead.
 Vertical section is from S 0.00 E 0.00 on azimuth 199.36 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ