

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

SURVEY LISTING Page 1
 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
0.00	0.00	0.00	0.00	0.00 E	0.00	0.00
100.00	0.66	308.16	100.00	0.45 W	0.66	-0.19
200.00	0.54	281.48	199.99	1.37 W	0.30	-0.31
300.00	0.47	253.06	299.99	2.22 W	0.26	0.00
400.00	0.44	248.03	399.99	2.97 W	0.05	0.50
500.00	0.63	249.83	499.98	3.84 W	0.19	1.10
600.00	0.45	237.17	599.98	4.69 W	0.22	1.76
700.00	0.42	261.52	699.97	5.38 W	0.18	2.24
800.00	0.44	259.49	799.97	6.12 W	0.03	2.60
900.00	0.53	258.11	899.97	6.95 W	0.09	3.03
1000.00	0.57	252.40	999.96	7.88 W	0.06	3.57
1100.00	0.50	261.45	1099.96	8.78 W	0.11	4.07
1200.00	0.43	265.34	1199.96	9.59 W	0.08	4.43
1300.00	0.37	275.05	1299.95	10.28 W	0.09	4.67
1400.00	0.25	331.92	1399.95	10.71 W	0.32	4.60
1500.00	0.32	336.40	1499.95	10.93 W	0.07	4.24
1600.00	0.37	321.49	1599.95	11.24 W	0.10	3.87
1700.00	0.37	321.74	1699.95	11.64 W	0.00	3.53
1800.00	0.26	323.43	1799.95	11.97 W	0.11	3.23
1900.00	0.43	319.89	1899.94	12.34 W	0.17	2.91
2000.00	0.50	330.68	1999.94	12.79 W	0.11	2.44
2100.00	0.42	302.79	2099.94	13.31 W	0.23	2.07
2200.00	0.21	301.49	2199.94	13.78 W	0.22	1.95
2300.00	0.28	347.54	2299.93	13.98 W	0.20	1.70
2400.00	0.26	340.06	2399.93	14.11 W	0.04	1.32

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