

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

SURVEY LISTING Page 4
 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
7500.00	0.51	309.02	7499.67	49.46 N 21.83 W	0.15	-39.43
7600.00	0.54	309.08	7599.67	50.04 N 22.54 W	0.03	-39.74
7700.00	0.41	309.14	7699.66	50.56 N 23.18 W	0.13	-40.02
7800.00	0.42	55.54	7799.66	51.00 N 23.16 W	0.66	-40.43
8000.00	1.75	60.00	7999.62	52.93 N 19.91 W	0.67	-43.34
8190.00	1.00	7.00	8189.57	56.03 N 17.20 W	0.74	-47.16
8380.00	1.00	28.00	8379.54	59.14 N 16.22 W	0.19	-50.42
8569.00	1.10	75.00	8568.51	61.07 N 13.69 W	0.45	-53.07
8785.00	1.00	60.00	8784.48	62.55 N 10.06 W	0.13	-55.67
8975.00	0.50	51.00	8974.46	63.90 N 7.98 W	0.27	-57.64
9195.00	0.75	73.00	9194.45	64.92 N 5.86 W	0.16	-59.31
9384.00	0.40	33.00	9383.44	65.84 N 4.31 W	0.27	-60.68
9572.00	0.60	86.00	9571.43	66.45 N 2.97 W	0.26	-61.71
9670.00	1.10	89.80	9669.42	66.49 N 1.52 W	0.51	-62.23
9702.00	0.90	73.50	9701.42	66.57 N 0.97 W	1.08	-62.48
9733.00	0.30	111.70	9732.42	66.61 N 0.66 W	2.22	-62.62
9765.00	1.00	198.20	9764.41	66.31 N 0.67 W	3.21	-62.34
9796.00	2.30	200.40	9795.40	65.47 N 0.97 W	4.20	-61.44
9827.00	3.60	201.20	9826.36	63.98 N 1.54 W	4.20	-59.85
9858.00	4.80	203.40	9857.28	61.88 N 2.41 W	3.90	-57.58
9890.00	5.90	204.70	9889.14	59.16 N 3.63 W	3.46	-54.61
9921.00	7.20	203.70	9919.93	55.93 N 5.08 W	4.21	-51.09
9952.00	8.30	200.80	9950.65	52.06 N 6.65 W	3.76	-46.91
9983.00	9.30	198.70	9981.28	47.60 N 8.25 W	3.39	-42.17
10014.00	9.90	198.00	10011.85	42.69 N 9.88 W	1.97	-37.00

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