

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

SURVEY LISTING Page 5
 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
10045.00	10.60	197.90	10042.35	37.44 N	2.26	-31.49
10076.00	11.30	199.60	10072.79	31.87 N	2.49	-25.60
10108.00	11.50	202.20	10104.16	25.96 N	1.72	-19.28
10153.00	12.20	207.00	10148.20	17.57 N	2.69	-10.08
10184.00	12.60	207.70	10178.48	11.66 N	1.38	-3.49
10216.00	12.50	206.50	10209.71	5.47 N	0.87	3.40
10246.00	12.40	207.30	10239.01	0.30 S	0.66	9.81
10277.00	12.20	207.90	10269.30	6.15 S	0.77	16.34
10308.00	11.40	207.60	10299.64	11.76 S	2.59	22.62
10370.00	11.00	204.20	10360.46	22.59 S	1.25	34.57
10431.00	11.20	205.70	10420.32	33.23 S	0.58	46.26
10492.00	11.20	203.30	10480.16	44.01 S	0.76	58.06
10523.00	11.10	203.00	10510.57	49.53 S	0.37	64.04
10603.00	11.00	204.70	10589.09	63.55 S	0.43	79.32
10645.00	11.00	205.00	10630.32	70.82 S	0.14	87.30
10,840.00	11.00	204.00°		77.52 S	→ Extrapolated.	
				77.52 W		

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