

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

SURVEY LISTING Page 2
 Your ref : MWD st-01
 Last revised : 20-Feb-2001

Measured Depth	Inclin. Degrees	Azimuth Degrees	True 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
2500.00	0.41	339.17	2499.93	4.10 N	0.16	0.87
2600.00	0.35	347.07	2599.93	4.74 N	0.08	0.34
2700.00	0.54	18.53	2699.93	5.49 N	0.30	-0.40
2800.00	0.57	30.25	2799.92	6.37 N	0.12	-1.36
2900.00	0.62	31.89	2899.92	7.26 N	0.06	-2.37
3000.00	0.37	38.30	2999.91	7.97 N	0.26	-3.21
3100.00	0.37	31.51	3099.91	8.50 N	0.04	-3.83
3200.00	0.54	24.04	3199.91	9.20 N	0.18	-4.61
3300.00	0.64	23.12	3299.90	10.15 N	0.10	-5.64
3400.00	0.60	34.40	3399.90	11.09 N	0.13	-6.70
3500.00	0.50	16.58	3499.89	11.94 N	0.19	-7.64
3600.00	0.57	15.61	3599.89	12.84 N	0.07	-8.57
3700.00	0.64	7.92	3699.88	13.87 N	0.11	-9.61
3800.00	0.66	3.81	3799.88	14.99 N	0.05	-10.71
3900.00	0.80	4.51	3899.87	16.26 N	0.14	-11.94
4000.00	0.87	5.30	3999.86	17.71 N	0.07	-13.35
4100.00	0.89	357.50	4099.85	19.24 N	0.12	-14.80
4200.00	0.91	347.81	4199.83	20.79 N	0.15	-16.20
4300.00	0.57	355.49	4299.82	22.07 N	0.35	-17.33
4400.00	0.43	355.60	4399.82	22.94 N	0.14	-18.14
4500.00	0.51	353.22	4499.82	23.76 N	0.08	-18.88
4600.00	0.62	352.06	4599.81	24.73 N	0.12	-19.76
4700.00	0.61	351.59	4699.81	25.79 N	0.02	-20.70
4800.00	0.52	338.71	4799.80	26.73 N	0.15	-21.52
4900.00	0.46	4.97	4899.80	27.56 N	0.23	-22.25

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