

Company: RICKS EXPLORATION
 Field: EDDY COUNTY N. M.
 Site: SECTION 5-22S-26E
 Well: LANCASTER SPRINGS #4
 Wellpath: ORIGINAL WELL

Date: 05/22/2001 Time: 10:28:27 Page: 2
 Co-ordinate(N/E) Reference: Well: LANCASTER SPRINGS #4, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,154.54Azi)
 Plan #1

Section 2 : Start Build 2.00

MD ft	Incl deg	Asin deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.0	18.89	154.54	6083.0	-138.3	66.3	164.3	2.00	2.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Asin deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6155.4	20.00	154.54	6135.3	-156.0	74.3	172.8	2.00	2.00	0.00	0.00
6200.0	20.00	154.54	6177.1	-188.7	80.8	188.0	0.00	0.00	0.00	0.00
6300.0	20.00	154.54	6271.1	-200.6	95.5	222.2	0.00	0.00	0.00	0.00
6400.0	20.00	154.54	6385.1	-231.5	110.2	258.4	0.00	0.00	0.00	0.00
6500.0	20.00	154.54	6459.0	-262.4	124.9	290.6	0.00	0.00	0.00	0.00
6600.0	20.00	154.54	6553.0	-293.3	139.8	324.8	0.00	0.00	0.00	0.00
6700.0	20.00	154.54	6647.0	-324.1	154.4	369.0	0.00	0.00	0.00	0.00
6800.0	20.00	154.54	6740.9	-355.0	169.1	393.2	0.00	0.00	0.00	0.00
6900.0	20.00	154.54	6834.8	-385.9	183.8	427.4	0.00	0.00	0.00	0.00
7000.0	20.00	154.54	6928.8	-418.8	198.5	461.6	0.00	0.00	0.00	0.00
7100.0	20.00	154.54	7022.8	-447.7	213.2	495.8	0.00	0.00	0.00	0.00
7200.0	20.00	154.54	7116.8	-478.5	227.9	530.0	0.00	0.00	0.00	0.00
7300.0	20.00	154.54	7210.8	-509.4	242.6	564.2	0.00	0.00	0.00	0.00
7400.0	20.00	154.54	7304.8	-540.3	257.3	598.4	0.00	0.00	0.00	0.00
7500.0	20.00	154.54	7398.7	-571.2	272.0	632.6	0.00	0.00	0.00	0.00
7600.0	20.00	154.54	7492.7	-602.1	286.7	666.8	0.00	0.00	0.00	0.00
7700.0	20.00	154.54	7586.7	-632.9	301.4	701.0	0.00	0.00	0.00	0.00
7800.0	20.00	154.54	7680.8	-663.8	316.1	735.2	0.00	0.00	0.00	0.00
7900.0	20.00	154.54	7774.6	-694.7	330.8	769.4	0.00	0.00	0.00	0.00
8000.0	20.00	154.54	7868.6	-725.6	345.5	803.6	0.00	0.00	0.00	0.00
8100.0	20.00	154.54	7962.5	-756.5	360.2	837.8	0.00	0.00	0.00	0.00
8200.0	20.00	154.54	8056.5	-787.3	374.9	872.0	0.00	0.00	0.00	0.00
8300.0	20.00	154.54	8150.5	-818.2	389.6	906.3	0.00	0.00	0.00	0.00
8400.0	20.00	154.54	8244.5	-849.1	404.3	940.5	0.00	0.00	0.00	0.00
8500.0	20.00	154.54	8338.4	-880.0	419.0	974.7	0.00	0.00	0.00	0.00
8600.0	20.00	154.54	8432.4	-910.9	433.7	1008.9	0.00	0.00	0.00	0.00
8700.0	20.00	154.54	8526.4	-941.7	448.4	1043.1	0.00	0.00	0.00	0.00
8800.0	20.00	154.54	8620.3	-972.6	463.2	1077.3	0.00	0.00	0.00	0.00
8900.0	20.00	154.54	8714.3	-1003.5	477.9	1111.5	0.00	0.00	0.00	0.00
9000.0	20.00	154.54	8808.3	-1034.4	492.6	1145.7	0.00	0.00	0.00	0.00
9100.0	20.00	154.54	8902.2	-1065.3	507.3	1179.9	0.00	0.00	0.00	0.00
9200.0	20.00	154.54	8996.2	-1096.1	522.0	1214.1	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.00

MD ft	Incl deg	Asin deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
9225.5	20.00	154.54	9020.2	-1104.0	525.7	1222.8	0.00	0.00	0.00	0.00
9300.0	18.51	154.54	9090.5	-1126.2	536.3	1247.4	2.00	-2.00	0.00	180.00
9400.0	16.51	154.54	9185.9	-1153.4	548.2	1277.4	2.00	-2.00	0.00	180.00
9500.0	14.51	154.54	9282.2	-1177.5	560.7	1304.2	2.00	-2.00	0.00	180.00
9600.0	12.51	154.54	9379.4	-1198.6	570.8	1327.5	2.00	-2.00	0.00	180.00
9700.0	10.51	154.54	9477.4	-1216.6	579.3	1347.5	2.00	-2.00	0.00	180.00
9800.0	8.51	154.54	9578.0	-1231.5	586.4	1364.0	2.00	-2.00	0.00	180.00
9900.0	6.51	154.54	9675.2	-1243.3	592.1	1377.1	2.00	-2.00	0.00	180.00
10000.0	4.51	154.54	9774.7	-1252.0	596.2	1386.7	2.00	-2.00	0.00	180.00
10100.0	2.51	154.54	9874.5	-1257.5	598.8	1392.8	2.00	-2.00	0.00	180.00
10200.0	0.51	154.54	9974.5	-1259.9	600.0	1395.5	2.00	-2.00	0.00	180.00

Section 5 : Start Hold

MD ft	Incl deg	Asin deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
10225.5	0.00	154.54	10000.0	-1280.0	600.0	1395.6	2.00	-2.00	0.00	180.00
10300.0	0.00	154.54	10074.5	-1280.0	600.0	1395.6	0.00	0.00	0.00	154.54
10400.0	0.00	154.54	10174.5	-1260.0	600.0	1395.6	0.00	0.00	0.00	154.54
10500.0	0.00	154.54	10274.5	-1260.0	600.0	1395.6	0.00	0.00	0.00	154.54
10600.0	0.00	154.54	10374.5	-1280.0	600.0	1395.6	0.00	0.00	0.00	154.54