

Scientific Drilling International

Survey Report

Client: SDI w/Ryan	Date: 6/5/2001	Time: 12:21 PM
Job: MWD 4405-6734	Coordinate (NE) Reference: Survey	Station: Canyonville, OR
Well: EVAS-0132200	Vertical (TVD) Reference: SITE 00000000	Well (0.00E+00) (97.62)
Wellpath: H: 318132200401246	Section (VS) Reference: Well	Minimum Curvature
	Survey Calculation Method:	

Survey: 4/28/01-5/5/01
MWD 4405-6734

Start Date: 6/5/2001

Company: SDI w/Ryan
Tool: MWD

Engineer: Leonard/Brussard

Survey

MD	IN	AS	TVD	VS	NS	L/W	CKD	CKA
ft	deg	deg	ft	ft	ft	ft	ft	deg
4380.0	0.89	187.76	4379.9	5.4	-9.7	4.2	10.6	156.84
4405.0	1.40	60.60	4404.9	5.7	-9.8	4.4	10.7	155.75
4420.0	5.40	108.80	4419.8	6.5	-9.9	5.2	11.2	152.18
4452.0	17.10	117.20	4451.2	12.4	-12.6	10.9	16.6	139.15
4484.0	29.90	118.60	4480.5	24.4	-18.6	22.1	28.9	130.03
4516.0	41.20	121.10	4506.5	41.5	-27.9	38.2	47.3	126.11
4548.0	52.80	120.40	4528.2	63.0	-39.8	58.3	70.6	124.33
4579.0	64.60	118.30	4544.3	87.6	-52.7	81.3	96.9	122.95
4594.0	69.40	117.20	4550.2	100.5	-59.1	93.5	110.7	122.30
4611.0	72.40	116.90	4555.7	115.7	-66.4	107.8	126.7	121.64
4643.0	76.20	116.90	4564.4	144.7	-80.4	135.3	157.4	120.71
4674.0	78.30	115.80	4571.2	173.4	-93.8	162.4	187.5	120.01
4706.0	78.10	115.80	4577.8	203.1	-107.4	190.6	218.8	119.41
4738.0	80.00	116.20	4583.9	232.9	-121.2	218.8	250.2	118.98
4769.0	85.00	116.50	4587.9	262.0	-134.8	246.4	280.9	118.69
4801.0	86.00	116.20	4590.4	292.2	-149.0	275.0	312.7	118.45
4833.0	86.70	115.80	4592.5	322.5	-163.0	303.7	344.6	118.23
4865.0	86.40	115.50	4594.4	352.9	-176.8	332.5	376.6	118.01
4897.0	87.10	114.80	4596.2	383.3	-190.4	361.4	408.5	117.78
4928.0	86.20	112.70	4598.0	413.1	-202.9	389.7	439.3	117.50
4960.0	85.00	110.90	4600.5	444.0	-214.7	419.3	471.1	117.12
4992.0	84.30	108.80	4603.4	475.1	-225.5	449.3	502.7	116.66
5024.0	83.70	106.30	4606.8	506.5	-235.1	479.6	534.2	116.12
5055.0	84.60	105.30	4609.9	537.0	-243.5	509.3	564.5	115.56
5087.0	84.30	103.50	4613.0	568.6	-251.4	540.2	595.8	114.96
5119.0	83.20	102.10	4616.5	600.3	-258.5	571.2	626.9	114.35
5151.0	82.90	100.30	4620.4	632.0	-264.7	602.3	657.9	113.72
5182.0	84.40	97.20	4623.8	662.8	-269.4	632.8	687.7	113.06
5214.0	85.90	95.40	4626.5	694.7	-272.8	664.5	718.3	112.32
5246.0	85.30	95.10	4629.0	726.5	-275.8	696.2	748.9	111.61
5278.0	86.40	95.10	4631.3	758.4	-278.6	728.0	779.5	110.94
5309.0	87.00	94.70	4633.1	789.3	-281.2	758.9	809.3	110.34
5341.0	86.50	93.70	4634.9	821.2	-283.6	790.7	840.0	109.73
5373.0	86.50	93.70	4636.9	853.1	-285.7	822.6	870.8	109.15
5405.0	86.40	95.10	4638.8	885.0	-288.1	854.4	901.7	108.63
5436.0	86.60	95.10	4640.7	915.9	-290.9	885.3	931.8	108.19
5467.0	86.70	94.70	4642.5	946.8	-293.5	916.1	962.0	107.76
5500.0	87.00	94.00	4644.4	979.7	-296.0	949.0	994.0	107.32
5531.0	85.90	91.90	4646.3	1010.5	-297.6	979.8	1024.0	106.89
5563.0	85.20	90.50	4648.8	1042.2	-298.3	1011.7	1054.8	106.43
5595.0	85.70	90.50	4651.3	1073.9	-298.5	1043.6	1085.5	105.96
5626.0	86.00	90.30	4653.5	1104.6	-298.7	1074.6	1115.3	105.54
5658.0	86.50	90.20	4655.6	1136.2	-298.9	1106.5	1146.1	105.12
5690.0	86.00	90.50	4657.7	1167.9	-299.1	1138.4	1177.1	104.72
5722.0	86.50	91.20	4659.8	1199.6	-299.6	1170.3	1208.1	104.36
5753.0	84.60	93.70	4662.2	1230.4	-300.9	1201.2	1238.3	104.06
5785.0	84.80	93.30	4665.2	1262.2	-302.8	1233.0	1269.7	103.80
5817.0	84.20	91.90	4668.2	1293.9	-304.3	1264.8	1300.9	103.53