



DIRECTIONAL DRILLING SERVICES

Cade Drilling Sauer G04-28D

SVY DEPTH	INC	AZM	N/S	E/W	TVD	VS	DL/100
0	0.0	0.00	0.00	0.00	0.00	0.00	0.00
632	0.5	292.40	1.05	-2.55	631.99	-2.27	0.08
695	0.7	119.50	0.97	-2.47	694.99	-2.16	1.90
758	2.3	138.70	-0.17	-1.30	757.97	-0.57	2.63
821	2.8	135.00	-2.21	0.62	820.90	2.19	0.84
884	3.8	132.80	-4.72	3.24	883.80	5.72	1.60
947	4.5	146.40	-8.19	6.14	946.64	10.22	1.91
1010	5.9	145.50	-12.92	9.34	1009.37	15.93	2.23
1073	7.2	144.90	-18.82	13.45	1071.96	23.11	2.07
1135	8.6	150.20	-26.02	17.99	1133.37	31.62	2.54
1198	10.1	153.90	-35.07	22.76	1195.53	41.81	2.56
1261	11.0	152.90	-45.38	27.93	1257.47	53.27	1.46
1324	12.3	154.10	-56.77	33.60	1319.17	65.90	2.10
1386	12.8	149.90	-68.65	39.93	1379.69	79.31	1.68
1449	12.4	149.00	-80.49	46.91	1441.17	93.04	0.71
1512	12.3	145.20	-91.80	54.22	1502.72	106.51	1.30
1575	13.1	140.20	-102.79	62.62	1564.18	120.31	2.16
1637	13.6	137.10	-113.53	72.08	1624.50	134.47	1.41
1701	13.7	136.70	-124.56	82.40	1686.69	149.35	0.21
1763	14.2	136.70	-135.44	92.65	1746.86	164.06	0.81
1826	14.2	138.70	-146.87	103.05	1807.94	179.31	0.78
1889	14.3	138.30	-158.48	113.33	1869.00	194.66	0.22
1952	14.5	136.40	-170.00	123.94	1930.02	210.11	0.81
2015	14.1	138.60	-181.47	134.46	1991.07	225.46	1.07
2078	14.5	145.10	-193.69	144.05	2052.12	240.94	2.62
2141	14.5	148.10	-206.86	152.73	2113.12	256.71	1.19
2204	14.3	147.10	-220.09	161.12	2174.14	272.37	0.51

2267	15.6	147.90	-233.80	169.85	2235.00	288.62	2.09
2330	16.5	148.60	-248.61	179.01	2295.55	306.04	1.46
2394	16.1	147.60	-263.86	188.50	2356.98	323.99	0.76
2456	15.3	145.10	-277.83	197.79	2416.66	340.77	1.69
2519	15.3	146.20	-291.55	207.17	2477.43	357.39	0.46
2583	16.5	151.70	-306.57	216.17	2538.98	374.89	3.01
2646	17.1	153.80	-322.76	224.50	2599.29	393.00	1.35
2710	17.4	154.20	-339.82	232.82	2660.42	411.83	0.50
2773	17.3	153.70	-356.70	241.07	2720.55	430.47	0.28
2836	17.5	153.60	-373.58	249.44	2780.67	449.18	0.32
2900	15.5	152.90	-389.81	257.61	2842.03	467.24	3.14
2964	16.3	151.80	-405.34	265.75	2903.58	484.69	1.34
3028	16.1	152.30	-421.11	274.12	2965.04	502.47	0.38
3091	16.3	150.50	-436.54	282.53	3025.54	519.99	0.86
3155	15.7	150.20	-451.87	291.26	3087.06	537.60	0.95
3219	15.2	148.10	-466.51	300.00	3148.75	554.63	1.17
3282	15.4	146.90	-480.53	308.93	3209.51	571.25	0.59
3345	15.7	147.10	-494.69	318.13	3270.21	588.14	0.48
3408	15.9	145.60	-508.97	327.63	3330.83	605.29	0.72
3471	14.7	144.40	-522.59	337.16	3391.59	621.91	1.97
3535	13.8	142.10	-535.22	346.58	3453.62	637.63	1.66
3597	14.3	142.20	-547.10	355.81	3513.77	652.63	0.81
3661	13.9	145.70	-559.70	364.99	3575.84	668.19	1.47
3723	13.5	150.70	-572.16	372.73	3636.08	682.86	2.02
3787	14.9	151.70	-585.92	380.29	3698.12	698.51	2.22
3850	16.6	153.80	-601.13	388.10	3758.75	715.52	2.85
3912	17.1	153.10	-617.21	396.13	3818.09	733.37	0.87
4007	17.1	153.10	-642.12	408.77	3908.89	761.14	0.00
4071	16.2	153.00	-658.46	417.08	3970.21	779.37	1.41
4134	14.6	152.60	-673.34	424.73	4030.95	796.01	2.55
4197	14.0	151.80	-687.11	431.98	4091.99	811.50	1.00
4259	14.4	151.60	-700.50	439.19	4152.10	826.65	0.65
4322	14.1	152.70	-714.21	446.44	4213.16	842.10	0.64
4386	14.2	150.20	-727.95	453.92	4275.22	857.69	0.97
4450	14.3	146.80	-741.38	462.15	4337.25	873.43	1.32
4512	13.3	148.20	-753.84	470.10	4397.46	888.21	1.70
4574	13.5	145.30	-765.86	477.97	4457.77	902.58	1.13
4637	14.4	141.30	-778.02	487.06	4518.92	917.73	2.09
4700	14.0	137.00	-789.70	497.15	4579.99	933.03	1.79
4763	13.1	135.70	-800.39	507.34	4641.24	947.55	1.51

4826	12.3	132.10	-809.99	517.30	4702.70	961.04	1.79
4890	10.9	134.70	-818.82	526.66	4765.39	973.55	2.33
4954	9.9	138.60	-827.21	534.60	4828.34	984.91	1.91
5018	9.4	138.60	-835.25	541.70	4891.43	995.53	0.78
5082	9.1	137.90	-842.93	548.55	4954.60	1005.70	0.50
5146	6.9	138.30	-849.55	554.50	5017.97	1014.50	3.44
5209	6.0	136.10	-854.75	559.30	5080.57	1021.48	1.48
5272	4.1	159.20	-859.23	562.38	5143.33	1026.91	4.36
5335	2.1	171.30	-862.48	563.36	5206.24	1030.17	3.32
5398	1.0	228.20	-863.99	563.12	5269.22	1031.30	2.80
5493	0.9	250.00	-864.79	561.80	5364.20	1031.25	0.39
5589	1.0	257.60	-865.23	560.28	5460.19	1030.79	0.17
5684	1.2	227.10	-866.09	558.74	5555.17	1030.66	0.64
5789	2.4	221.70	-868.48	556.47	5660.12	1031.42	1.15
5874	4.4	193.30	-872.98	554.54	5744.97	1034.13	3.01
5970	6.2	186.50	-881.71	553.10	5840.56	1040.66	1.98
6065	9.5	203.60	-894.00	549.38	5934.67	1048.91	4.22
6161	6.1	192.40	-906.25	545.11	6029.77	1056.83	3.86
6256	2.8	133.30	-912.77	545.72	6124.51	1062.63	5.52
6320	2.3	87.80	-913.79	548.14	6188.45	1064.81	3.16
6352	3.0	66.30	-913.43	549.55	6220.42	1065.27	3.76
6415	5.2	54.20	-911.10	553.37	6283.26	1065.41	3.73
6479	3.7	52.90	-908.16	557.37	6347.06	1065.14	2.35
6511	3.3	47.10	-906.91	558.87	6379.00	1064.91	1.67
6575	2.9	44.20	-904.49	561.35	6442.91	1064.24	0.67
6638	2.5	40.10	-902.30	563.34	6505.84	1063.50	0.70
6702	1.9	27.30	-900.29	564.73	6569.79	1062.57	1.21
6765	1.9	30.30	-898.46	565.74	6632.76	1061.59	0.16
6829	1.6	32.50	-896.79	566.75	6696.73	1060.75	0.48
6893	1.0	15.20	-895.50	567.38	6760.71	1060.01	1.11
6956	1.3	18.00	-894.29	567.74	6823.70	1059.20	0.48
7019	1.1	13.00	-893.02	568.10	6886.68	1058.33	0.36
7114	1.0	356.30	-891.30	568.25	6981.67	1056.97	0.34
7209	1.5	359.70	-889.23	568.19	7076.65	1055.21	0.53
7277	1.5	6.20	-887.46	568.28	7144.62	1053.77	0.25
7335	1.5	6.20	-885.95	568.45	7202.60	1052.60	0.00