

OPERATOR
SDX RESOURCES

DUNN B 38

DIRECTIONAL DRILLING COMPANY
VOGEL HORIZONTAL & DIRECTIONAL DRILLING
415 WEST WALL STREET MIDLAND TX 79707
915-570-4719

Target Az: 115
Target TVD: 2998

Start Date: 8/02/1995
End Date: 8/10/1995

MD	INC	AZ	TVD	Vert. Section	Coordinates N-S	E-W	Closure	Build Rate	Walk Rate
2787.00	1.48	319.4	2786.3	-40.3	39.7	-26.0	47.5		
2881.00	1.20	324.5	2880.2	-42.3	41.4	-27.4	49.6	0.00	0.05
2900.00	0.50	95.3	2899.2	-42.3	41.2	-27.5	49.5	-0.04	-12.06
2910.00	5.50	129.6	2909.2	-41.8	41.0	-27.0	49.1	0.50	3.43
2920.00	12.30	130.1	2919.1	-40.3	40.0	-25.8	47.6	0.68	0.05
2930.00	20.60	124.7	2928.6	-37.5	38.3	-23.6	45.0	0.83	-0.54
2945.00	33.20	118.8	2942.0	-30.8	34.7	-17.8	39.0	0.84	-0.39
2960.00	44.70	118.2	2953.6	-21.4	30.2	-9.5	31.7	0.77	-0.04
2967.00	50.60	118.5	2958.4	-16.2	27.7	-5.0	28.2	0.84	0.04
2992.00	64.10	132.2	2971.8	4.5	15.6	12.2	19.8	0.54	0.55
3009.00	66.40	131.6	2978.9	19.3	5.3	23.7	24.3	0.14	-0.04
3040.00	70.10	130.3	2990.4	48.9	-13.6	45.4	47.4	0.12	-0.04
3072.00	74.40	129.8	3000.2	76.4	-33.2	68.8	76.4	0.13	-0.02
3104.00	78.80	129.3	3007.6	106.5	-53.0	92.8	106.9	0.14	-0.02
3136.00	83.40	128.7	3012.5	137.2	-72.9	117.3	138.2	0.14	-0.02
3166.00	88.70	128.2	3014.6	166.3	-91.6	140.8	167.9	0.18	-0.02
3198.00	91.40	126.8	3014.6	197.5	-111.0	166.2	199.9	0.08	-0.04
3230.00	93.30	124.7	3013.3	228.9	-129.7	192.1	231.8	0.06	-0.07
3262.00	93.30	121.9	3011.4	260.5	-147.3	218.8	263.8	0.00	-0.09
3293.00	94.40	120.2	3009.3	291.3	-163.2	245.3	294.6	0.04	-0.05
3325.00	95.10	117.2	3006.7	323.1	-178.5	273.3	326.4	0.02	-0.09
3357.00	94.10	116.2	3004.1	355.0	-192.8	301.8	358.1	-0.03	-0.03
3388.00	93.10	115.4	3002.2	385.9	-206.3	329.6	388.9	-0.03	-0.03
3420.00	91.80	114.0	3000.8	417.9	-219.7	358.7	420.6	-0.04	-0.04
3451.00	91.50	113.0	2999.9	448.9	-232.0	387.1	451.3	-0.01	-0.03
3482.00	91.00	112.7	2999.2	479.9	-244.1	415.7	482.0	-0.02	-0.01
3514.00	90.20	112.8	2998.9	511.8	-256.4	445.2	513.8	-0.02	0.00
3547.00	90.40	113.7	2998.7	544.8	-269.5	475.5	546.5	0.01	0.03
3578.00	90.40	114.2	2998.5	575.8	-282.1	503.8	577.4	0.00	0.02
3611.00	90.30	112.9	2998.3	608.8	-295.2	534.1	610.2	0.00	-0.04
3642.00	90.40	112.5	2998.1	639.8	-307.2	562.7	641.1	0.00	-0.01
3674.00	91.20	111.9	2997.7	671.7	-319.3	592.3	672.9	0.02	-0.02
3706.00	90.10	112.1	2997.3	703.7	-331.3	622.0	704.7	-0.03	0.01
3738.00	89.00	112.5	2997.6	735.7	-343.4	651.6	736.5	-0.03	0.01
3770.00	89.00	111.4	2998.1	767.6	-355.4	681.2	768.4	0.00	-0.03
3802.00	87.80	110.6	2999.0	799.5	-366.8	711.1	800.2	-0.04	-0.03
3833.00	87.00	110.3	3000.4	830.4	-377.7	740.1	830.9	-0.03	-0.01
3865.00	87.10	109.8	3002.1	862.2	-388.6	770.1	862.6	0.00	-0.02
3897.00	87.50	108.7	3003.6	894.0	-399.2	800.3	894.3	0.01	-0.03
3928.00	85.80	108.3	3005.4	924.8	-409.0	829.7	925.0	-0.05	-0.01
3960.00	85.50	108.4	3007.8	956.5	-419.0	860.0	956.6	-0.01	0.00
3991.00	84.10	108.0	3010.6	987.1	-428.7	889.3	987.2	-0.05	-0.01
4023.00	82.40	107.6	3014.4	1018.7	-438.4	919.5	1018.7	-0.05	-0.01
4055.00	83.70	107.0	3018.3	1050.1	-447.8	949.9	1050.1	0.04	-0.02
4087.00	85.30	107.1	3021.3	1081.7	-457.2	980.3	1081.7	0.05	0.00
4116.00	86.00	107.2	3023.5	1110.3	-465.7	1008.0	1110.3	0.02	0.00

SURVEY AT 4116.0 MD IS A PROJECTION