	WELL INSTALLATION DIAGRAM
Solutions Today for a Sustainable Tomorrow	WELL NO.: MW-220
PROJECT: <u>Dunn Field Fluvial SVE</u> PROJECT NUMBER: <u>3202-032</u> SITE LOCATION: <u>DF</u> e2M PROJECT MANAGER: <u>T. Holmes</u> e2M FIELD STAFF: <u>Jim Anstaett</u> DATE COMPLETED: <u>5/4/07</u> WELL LOCATION: <u>Dunn Field TA-1C</u>	NORTHING: <u>281617.49</u> EASTING: <u>802166.87</u> GROUND SURFACE ELEVATION (ft, msl): <u>290.31</u> TOP OF CASING ELEVATION (ft, msl): <u>293.29</u> TOP OF SCREEN ELEVATION (ft, msl): <u>228.4</u>
DRILLING CO.: <u>Prosonic</u> DRILLING METHOD: <u>Sonic</u> BOREHOLE DIAMETER (in): <u>6</u> SURFACE COMPLETION: <u>S.U. 2.8 ft.</u> BOLLARDS: <u>No</u> WELL DIAMETER (in): <u>2</u> TYPE OF SCREEN/RISER MATERIAL: <u>Stainless Steel</u> SLOT SIZE OF SCREEN: <u>0.010</u>	TYPE OF FILTER PACK: <u>Sand</u> GRADATION OF FILTER PACK: <u>10-20</u> QUANTITY OF FILTER PACK: <u>9.5-50lb. Bags</u> TYPE OF BENTONITE IN SEAL: <u>3/8" Shur Plug Chips</u> QUANTITY OF BENTONITE IN SEAL: <u>4-50lb. Bags</u> TYPE OF GROUT: <u>Portland Type H; 30% silica powder</u> QUANTITY OF GROUT: <u>6-94lb. Bags Type H/3 bgs silica</u> DEVELOPMENT METHOD: <u>Grundfos</u> DATE DEVELOPED: <u>5/10/2007</u> DEPTH TO WATER (ft.btoc): <u>67.96</u>
Well Completion (Not to Scale)	Well Details
RISER	DIMENSIONS OF CONCRETE PAD: <u>3-ft. by 3-ft.</u>
BENTONITE SAND PACK	LENGTH OF RISER (ft): <u>64.7</u> DEPTH TO TOP OF BENTONITE (ft, bgs): <u>59</u> DEPTH TO TOP OF SAND PACK (ft, bgs): <u>65</u>
SCREEN	LENGTH OF SCREEN (ft): <u>15</u> LENGTH OF END CAP: <u>(Flush)</u>
BENTONITE PLUG>= /->=/=/=>I	TOTAL DEPTH OF WELL (ft, btoc): <u>79.7</u> DEPTH TO TOP OF BACKFILL (ft, bgs): <u>80</u> TOTAL DEPTH OF BORING (ft, bgs): <u>86</u>
Prepared by: WTR Date: 8/3/2007	Checked by: KS Date: 8/3/2007