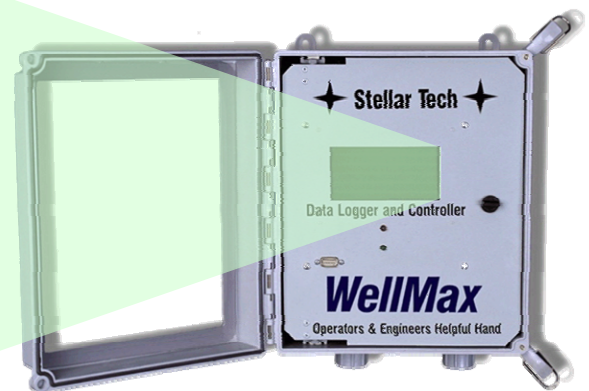
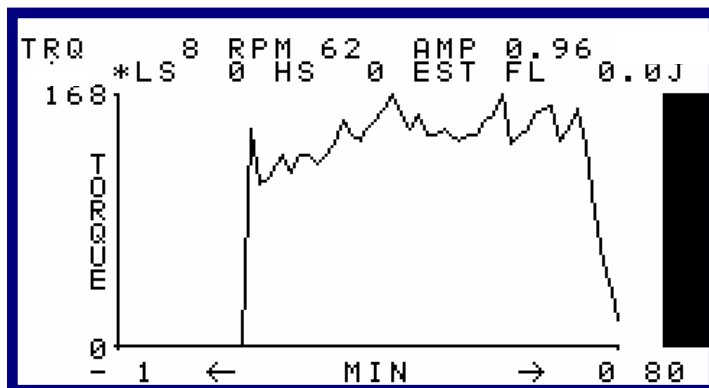


WELLMAX™

DATA LOGGER AND CONTROLLER

The Closest Thing to Insurance for your Pump System!



The unique graphical display on the WellMax provides the operator with a historical plot on-site. The operator can scroll the graph back in time, up to 30 days. The operator can see what happened overnight or review what happened a month ago right at the well site. Trends and maintenance indicators are graphically displayed on-site for the operator.

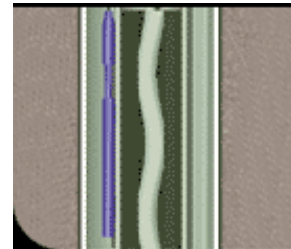
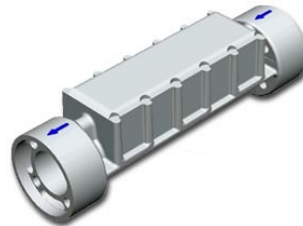
- The WellMax can connect to ANY Controller that is running the pump's electric motor or hydraulic system.

VFDs equipped with WellMax allow for **User Settings**, i.e. high and low *Torque Shutdowns* or preset speed settings, to manage sand, gas, and leaks detected. Thus maximizing pump operating time.

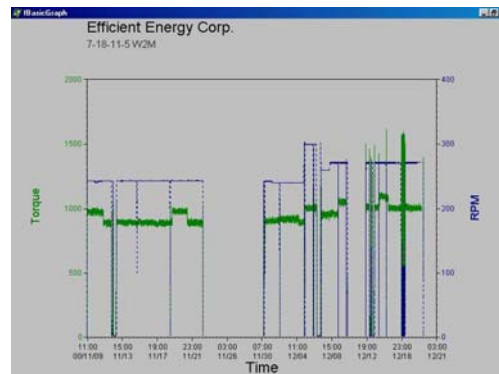
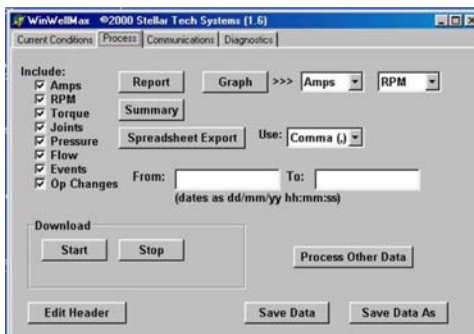


Stellar Tech's
Magnum 1000
VFD System

- A variety of sensors can be monitored and controlled by the WellMax i.e. Surface or sub-surface pressure, flow-line pressure, temperature, flow (Thermo or Turbine), vibration, water-cut, etc...



- Preventative maintenance becomes a reality via accumulated data and protection/optimization settings provided by the WellMax. Set control for high and low torque limits to counter sand or gas with shutdown and preset speed choices. Stellar Tech will help with set-up in order to achieve the best results.
- The WellMax control settings are designed to keep the well producing.
- Extend the life of the pump system and reduce maintenance costs.
- WinWellMax software is included and provides a data base for future operational decisions:
 - Create reports, plots, and summaries from the well data.
 - Download the WellMax data directly or remotely via computer.
 - Effective and accurate budgeting.
 - Better equipment choices – which pump profile is best, etc..
 - Preventative maintenance scheduling.
 - Effective production optimization strategies.



Date	Time	Amps	RPM	Torq	Data	Pres	Flow
18/09/2000	3:40:27	FR	0	Power Sp	3		
18/09/2000	3:40:27	FR	0	Power Sp			
18/09/2000	3:40:27	FR	0	Power Sp	4		
18/09/2000	3:40:23	FR	0	0	0	0	0
18/09/2000	3:40:33	FR	55.00	36	1305	0.0	0
18/09/2000	3:40:33	FR	0.00	0	0	0.0	0
18/09/2000	3:40:34	FR	55.00	35	1307	0.0	0
18/09/2000	3:40:34	FR	0.00	0	0	0.0	0
18/09/2000	3:40:34	FR	0.00	0	0	0.0	0
18/09/2000	3:40:35	FR	0.00	0	0	0.0	0
18/09/2000	3:40:35	FR	55.00	35	1306	0.0	0
18/09/2000	3:40:34	FR	55.00	35	1307	0.0	0
18/09/2000	3:40:36	FR	0.00	0	0	0.0	0
18/09/2000	3:40:36	FR	0.00	0	0	0.0	0
18/09/2000	3:40:34	FR	0.00	0	0	0.0	0
18/09/2000	3:40:37	FR	0.00	0	0	0.0	0
18/09/2000	3:40:37	FR	55.00	35	1304	0.0	0
18/09/2000	3:40:37	FR	0.00	0	0	0.0	0
18/09/2000	3:40:38	FR	0.00	0	0	0.0	0
18/09/2000	3:40:38	FR	55.00	35	1306	0.0	0
18/09/2000	3:40:38	FR	0.00	0	0	0.0	0
18/09/2000	3:40:39	FR	0.00	0	0	0.0	0
18/09/2000	3:40:39	FR	55.00	35	1304	0.0	0
18/09/2000	3:40:40	FR	27.50	0	437	0.0	0
18/09/2000	3:40:40	FR	55.00	35	1307	0.0	0
18/09/2000	3:40:41	FR	0.00	0	0	0.0	0
18/09/2000	3:40:41	FR	0.00	0	0	0.0	0
18/09/2000	3:40:41	FR	55.00	35	1304	0.0	0
18/09/2000	3:40:41	FR	27.50	0	438	0.0	0
18/09/2000	3:40:41	FR	55.00	35	1304	0.0	0

- The WellMax was designed specifically for oil pumps with the field level in mind, yet the flexibility of the system allows any producing well to benefit from the more advanced features such as remote monitoring and optimization controls. Call Stellar Tech for any questions, assistance, or data interpretation and see why we are considered the cost-effective solution providers for pump control and maintenance analysis.
- The WellMax system provides flexibility to on-site data retrieval procedures:



- Use a laptop to download data from the WellMax.
- Or use Stellar Tech's Hand-held downloader (it is the size of cellular phone and plugs into the WellMax, on-site, to retrieve data, which is then downloaded to a computer at the user's convenience.) The downloader is a quarter of cost of a typical portable computing device and much easier to use, simply press a button to download.



- Operators using the WellMax remote monitoring system can choose their field tour route based on actual problems and concentrate on getting to the pumps that are not functioning properly.
- The WellMax can adapt to any remote monitoring equipment presently available:



- Satellite.
- SCADA infrastructures.
- Radio.
- Low-cost CDPD modems which are available in Canada.

Any well can be accessed through your Internet provider.



- Stellar Tech provides two software platforms for remote monitoring and control:
 - Our basic remote software program called WinWellMax allows users to view one well's data at a time, download data to create reports and graphs, and adjust pump protection/optimization settings.
- Our advanced remote monitoring software program called WellVision allows users to view entire fields in a 3D map-like display, real time, 24 hours a day. Data is stored on your computer. WinWellMax software is integrated into WellVision to create reports and graphs. As well, adjust protection/optimization settings and receive exception alarms.

