



March 6, 2007

Harris County MUD #69
c/o Aqua Services
Attn: Board of Directors
11100 Brittmoore
Houston, Texas 77041

Reference: Water Well #1- Performance Testing

Members of the Board,

Collection and evaluation of field data pertaining to the operation of the well and well pumping equipment was recently completed at the facility referenced above. Included in this report please find the test results and pump curve generated by the testing. Historical performance data is presented in graphical format.

PERFORMANCE TEST REVIEW								
Hydraulic Performance of pump is 1121 GPM @ 340' field head	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Overall efficiency is 61 percent	Excellent	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>
Pump Submergence 103 feet	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Vibration Analysis (N/A)	Excellent	<input type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Suspended Solids Testing	Excellent	<input type="checkbox"/>	Good	<input checked="" type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Brass Observed in SST	None	<input checked="" type="checkbox"/>	Trace	<input type="checkbox"/>	Substantial	<input type="checkbox"/>	Excessive	<input type="checkbox"/>
Flowmeter Accuracy is 98.6 percent								

The test indicates the pump appears to be operating in satisfactory condition.

We appreciate this opportunity to be of service. If you have any questions or comments, please call.

Sincerely,
Gary McMurrey
G-M Services



Performance Test Report

SPECIALIZED INSPECTION SERVICES FOR THE WATER INDUSTRY

website: www.g-mservices.com

phone: 281-894-8971

Facility Harris County M.U.D. #69 - well #1 **Test Date** 02/01/2007
U.S.G.S. # LJ-65-03-615

PUMP DATA

Manufacturer : Floway
 Bowl Type : 12 LKM
 Stages : 7
 Setting : 420
 Column Size : 8" X 2 1/2" X 1 1/2"
 Design Point : 1000 GPM @ 389' TDH

MOTOR DATA

Manufacturer : U.S. Motors
 Size (HP) : 200
 Amps/Volts : 228/460
 Serial # : R-6377-08-424
 Frame : 445TPA
 Speed (RPM) : 1770

PERFORMANCE TEST DATA

Static Lvl (ft) -281

Discharge Pressure	10	40
Capacity (GPM)	1121	951
Pumping Lvl (ft)	-317	-309
Drawdown (ft)	36	28
Specific Capacity	31.14	33.96
Field Head (ft)	340.1	401.4
Water Horsepower	96.27	96.49
Overall Efficiency	61%	62%
Horsepower Input	158.79	156.51
Kilowatt Input	118.5	116.8
Amp Draw	175-170-158	174-168-155
Voltage	485-480	485-480
Sand (PPM)	2	1
Time (min)	45	15

Additional Data

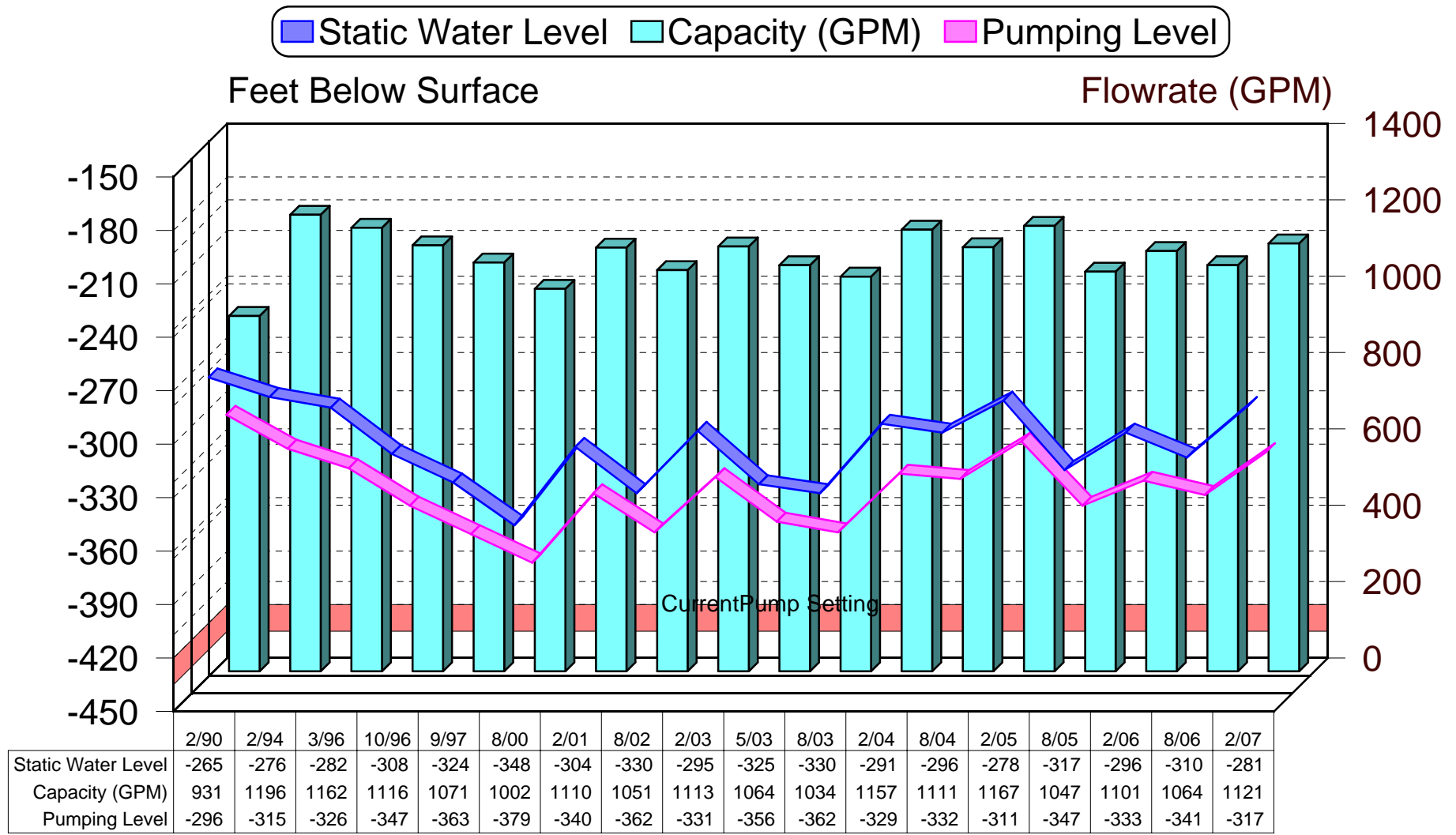
Pump Submergence (ft)	103	Brass Detect	No	Airline Functional	Yes
KWH/Million Gallons	1,761.82	ETM Read	2544	Right Angle Drive	Yes
Start-up Sand (PPM)	10	Meter Read	863244	Meter Accuracy	98.6%

Flowmeter registers 1105 GPM at 10 PSI discharge pressure.

Remarks

Harris County M.U.D. #69

Well #1



12LKM

ENCLOSED TYPE IMPELLER

1770 RPM

PER STAGE PERFORMANCE

HARRIS COUNTY MUD # 69 -WELL #1

