

ANTELOPE VALLEY GROUNDWATER ADJUDICATION
PHASE VI TRIAL

EXHIBIT: CAL-WATER 4-2

SEPTEMBER 28, 2015

LANCASTER
WELL PUMP TESTS

APRIL 2012



Confidential/Proprietary Information

April 20, 2012

JOSE OJEDA
CALIF. WATER SERVICE CO/ANTELOPE VALLEY
6015 W AVE L-14, #2
QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #1
Location: 2102 W AVE L HP: 60
Cust #: 0-003-0047 Serv. Acct. #: 000-0247-27
Meter: V349N-10724 Pump Ref. #: 2716

In accordance with your request, an energy efficiency test was performed on your submersible well pump on April 17, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

| Equipment | | | |
|------------------------------|--------|--------|------------|
| Pump: | N/A | No: | NO PLATE |
| Motor: | FRANK | No: | 2766198020 |
| Results | Test 1 | Test 2 | |
| Discharge Pressure, PSI | 11.2 | 29.7 | |
| Standing Water Level, Feet | 327.8 | 327.8 | |
| Drawdown, Feet | 11.5 | 9.5 | |
| Discharge Head, Feet | 25.9 | 68.6 | |
| Pumping Water Level, Feet | 339.3 | 337.3 | |
| Total Head, Feet | 365.2 | 405.9 | |
| Capacity, GPM | 288 | 249 | |
| GPM per Foot Drawdown | 25.0 | 26.2 | |
| Acre Feet Pumped in 24 Hours | 1.273 | 1.101 | |
| kW Input to Motor | 46.8 | 45.3 | |
| HP Input to Motor | 62.8 | 60.7 | |
| Motor Load (%) | 87.9 | 85.0 | |
| Customer Meter, GPM | 309 | | |
| kWh per Acre Foot | 883 | 988 | |
| Overall Plant Efficiency (%) | 42.3 | 42.0 | |

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004



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QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #3
Location: 2102 W AVE L HP: 100
Cust #: 0-003-0047 Serv. Acct. #: 000-0247-27
Meter: V349N-10724 Pump Ref. #: 21461

In accordance with your request, an energy efficiency test was performed on your turbine well pump on April 17, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

| Results | Equipment | | |
|------------------------------|-----------|--------------------|--------|
| | Pump: N/A | No: NO PLATE | |
| | Motor: US | No: K06BF66MS26005 | |
| | Test 1 | Test 2 | Test 3 |
| Discharge Pressure, PSI | 11.3 | 20.9 | 41.2 |
| Standing Water Level, Feet | 340.2 | 340.2 | 340.2 |
| Drawdown, Feet | 17.6 | 17.1 | 15.6 |
| Discharge Head, Feet | 26.1 | 48.3 | 95.2 |
| Pumping Water Level, Feet | 357.8 | 357.3 | 355.8 |
| Total Head, Feet | 383.9 | 405.6 | 451.0 |
| Capacity, GPM | 643 | 617 | 550 |
| GPM per Foot Drawdown | 36.5 | 36.1 | 35.3 |
| Acre Feet Pumped in 24 Hours | 2.842 | 2.727 | 2.431 |
| kW Input to Motor | 71.1 | 70.7 | 69.6 |
| HP Input to Motor | 95.3 | 94.8 | 93.3 |
| Motor Load (%) | 91.0 | 90.4 | 89.0 |
| Measured Speed of Pump, RPM | 1,787 | | |
| Customer Meter, GPM | 680 | | |
| kWh per Acre Foot | 601 | 622 | 687 |
| Overall Plant Efficiency (%) | 65.4 | 66.7 | 67.1 |

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