

# Bruce MacKay Pump & Well Service, Inc.

"Your complete water system professional"

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## WATER SYSTEM AUDIT AND FLOW TEST WA# 13-2255

Address 1234 Main St. City Washoe Valley State NV Zip 89704

For John Q. Public

Well Size 6 5/8 Est. Depth 335 ? Est. Pump Set 160 ? Est. Static Level 58

Pumping Level 145 @ 17.5 GPM\* @ 0 psi @ 5.9 Amps. Pumping Duration 30 Min

Pumping Level 80 @ 15 GPM\* @ 40 psi @ 4.4 Amps. Pumping Duration 15 Min

Pumping Level 78 @ 12 GPM\* @ 60 psi @ 4.1 Amps. Pumping Duration 15 Min

Max Pump Pressure 100+ psi @ 80 ' @ 4.0 Amps. Pipe size and type 1.25" PVC

Motor 2 HP Max Amps 8.1 @ 241.5 Volts Windings Y-B 2 Y-R 2 B-R 2

Motor leads to ground Infinite Ohms Tank type Jr-44 @ 32 psi

Pressure set, on 56 psi, off 60 psi Tank delivers 3.8 gal New tank 3 gal

General condition of: Pump OK Motor OK Pressure Tank OK Electrical OK

Piping OK Misc. - Wire is 12/4 THHN UF is 12/4 Twist Control box date 2011

### Items in Need of Repair

### Estimated Cost of Repair

1. None at this time

1. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

5. \_\_\_\_\_

(All work is done on a time and material basis)

Additional Comments: Tested the system at the well head to find it producing 17.5 gpm from 145'.

The pump delivered the proper amount of water throughout the test. The system is set up as a constant pressure system that will deliver up to 12 GPM at 60 PSI. The pressure tank is functioning properly at this time and providing the proper amount of water delivery.

The rest of the system checks out OK at this time.

Checked and certified by R. Bruce MacKay

Print Name Frank Kurnik for Bruce MacKay

Date 5/22/13

Tech Len

Note: DATA ABOVE REPRESENTS CONDITIONS OBSERVED ON DATE OF FLOW TEST TO THE BEST OF OUR KNOWLEDGE. WE DISCLAIM ANY RESPONSIBILITY FOR ANY CHANGES IN WATER FLOW, FLUCTUATIONS IN DEPTH, WATER QUALITY, MECHANICAL BREAKDOWN, OR OTHER CONDITIONS BEYOND OUR CONTROL. WE HAVE NOT REMOVED THE PUMP FROM THE WELL, SO THE PUMP SETTING, WELL DEPTH, OR WATER LEVELS MAY DIFFER FROM ABOVE DUE TO PIPE AND WIRE OBSTRUCTIONS NORMALLY IN THE WELL. THE INFORMATION ON THIS PAGE IS PROPRIETARY INFORMATION AND MAY NOT BE COPIED OR USED IN ANY WAY WITHOUT CONSENT OF BRUCE MACKAY PUMP AND WELL SERVICE, INC.\*GPM MAY NOT BE REPRESENTATIVE OF A WELL'S LONG-TERM YIELD OR MEET THE NEEDS OR REQUIREMENTS OF ANY PARTICULAR OWNER. PLEASE CALL FOR DETAILS.