

# McCARTHY WELL COMPANY

590 Citation Drive - Suite I, Shakopee MN 55379-1862

Phone 952-854-5333 ~ Fax 952-445-1950

**"SINCE 1860"**

**"THERE'S NO SUBSTITUTE FOR EXPERIENCE"**

## "18 POINT PUMP PERFORMANCE INSPECTION REPORT"

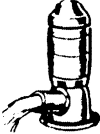
Any Customer \_\_\_\_\_

Date: 10/29/2007

Any Town MN \_\_\_\_\_

Well/Pump Name: 1

This report is not to be used to determine compliance with any codes, regulations, laws, or rules. Its sole purpose is to attempt to evaluate the operating performance of the well and pump at the time of the inspection.

1. Check Wiring & Connections- Good  Good  Fair  Poor
2. Check Starter Overload Protection- Good  Good  Fair  Poor
3. Check Voltage Supply- L 1-4 250 L 2-5 250 L 3-6 250  60 Hertz  Good  Fair  Poor
4. Check Voltage Running- L 1-4 244 L 2-5 246 L 3-6 243  Good  Fair  Poor
5. Check Motor Amps- L1 55.6 L2 51.2 L3 54.3 Utilization 74%  Good  Fair  Poor
6. Check Resistance Between Line & Ground- L1 Good L2 Good L3 Good  Good  Fair  Poor
7. Check Resistance Between Motor Windings- L1-2 Good L2-3 Good L1-3 Good  Good  Fair  Poor
8. Check Pump & Motor Operating R.P.M.- 1800  Good  Fair  Poor
9. Check Temperature-Motor Warm Well Room Hot  Good  Fair  Poor
10. Check Bearing Lube-Motor Top Oil Ok Bottom Grease Ok Pump Prelube Auto  Good  Fair  Poor
11. Check Bearing Noise-Motor Good Pump Good Right Angle Dr Good  Good  Fair  Poor
12. Check Vibration-Motor Good Pump Good Right Angle Dr Good  Good  Fair  Poor
13. Check Discharge Head Packing Box Bearing- We Tightened The Packing Gland  Good  Fair  Poor
14. Check Discharge Line Check Valve- Good Pump Foot Valve Good  Good  Fair  Poor
15. Check Start/Stop Cycle- Ok Air Relief/Vacuum Breaker Good  Good  Fair  Poor
16. Check Condition Of Water- Clear  Good  Fair  Poor
17. Check Pumping Rate- 245  G.P.M.  C.F.P.M. Pump Throttled? No  Good  Fair  Poor
18. Check Water Levels-Static 50' Pumping 90' Yield 6.125 GPM Per Foot of Draw Down  Good  Fair  Poor

Comments:

This unit is operating properly at this time. SAMPLE

Report By: **Tim McCarthy**