81914

**CAHOY PUMP SERVICE & GREAT LAKES WATER RESOURCES GROUP**


| SUMNER, IA | JOLIET, IL | DURAND, IL | MARNE, IA |
|---|---|---|---|
| Corporate Office | 815-726-2720 | 800-552-5351 | 712-781-2030 |
| 563-578-1130 | | | |


# *WELL TEST DATA SHEET*

CLIENT: Hawkeye

WELL: 5

DATE: 12/2/2016

TESTED BY: Zach

PUMP MODEL: 385s400

AIRLINE LENGTH: Probe

DIAMETER: 10”

ORIFICE SIZE:

DEPTH OF WELL: 172’

MOTOR: 40hp

STATIC WATER LEVEL: 69.5’

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GENERATOR USED: No Yes-GN1

BEGIN HOURS: 2208 END HOURS: 2214

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STEP-RATE TEST CONSTANT RATE TEST

PRE-TREATMENT POST –TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 2.6 FEET FROM EXISTING GROUND/FLOOR LEVEL.

| TIME | PIZOM READING | GPM | Air Gauge | Pumping Level | Draw Down | Discharge PSI FEET | TDH | Spec Cap | Sand PPM |
|---|---|---|---|---|---|---|---|---|---|
| 10:00 | | 200 | | 122.0 | 52.5 | | | | |
| 10:01 | | 200 | | 122.0 | 52.5 | | | | |
| 10:02 | | 200 | | 122.0 | 52.5 | | | | |
| 10:03 | | 200 | | 122.0 | 52.5 | | | | |
| 10:04 | | 195 | | 121.0 | 51.5 | | | | |
| 10:05 | | 195 | | 121.0 | 51.5 | | | | |
| 10:06 | | 195 | | 121.0 | 51.5 | | | | |
| 10:07 | | 195 | | 121.0 | 51.5 | | | | |
| 10:08 | | 195 | | 121.0 | 51.5 | | | | |
| 10:09 | | 190 | | 121.0 | 51.5 | | | | |
| 10;10 | | 190 | | 121.0 | 51.5 | | | | |
| 10:11 | | 190 | | 121.0 | 51.5 | | | | |
| 10:12 | | 190 | | 121.0 | 51.5 | | | | |
| 10:13 | | 190 | | 121.0 | 51.5 | | | | |
| 10:14 | | 190 | | 121.0 | 51.5 | | | | |
| 10:15 | | 190 | | 121.0 | 51.5 | | | | |
| 10:17 | | 190 | | 121.0 | 51.5 | | | | |
| 10:19 | | 190 | | 121.0 | 51.5 | | | | |
| 10:21 | | 190 | | 121.0 | 51.5 | | | | |
| 10:23 | | 190 | | 121.0 | 51.5 | | | | |
| 10:25 | | 200 | | 122.0 | 52.5 | | | | |
| 10:27 | | 200 | | 122.0 | 52.5 | | | | |
| 10:29 | | 200 | | 122.0 | 52.5 | | | | |
| 10:31 | | 190 | | 122.0 | 52.5 | | | | |
| 10:33 | | 190 | | 122.0 | 52.5 | | | | |
| 10:35 | | 190 | | 122.0 | 52.5 | | | | |
| 10:40 | | 190 | | 121.5 | 52.0 | | | | |
| 10:45 | | 190 | | 121.0 | 51.5 | | | | |
| 10:50 | | 190 | | 121.0 | 51.5 | | | | |
| 10:55 | | 190 | | 121.0 | 51.5 | | | | |
| 11:00 | | 190 | | 122.0 | 52.5 | | | | |
| 11:05 | | 190 | | 123.0 | 53.5 | | | | |
| 11:15 | | 190 | | 123.0 | 53.5 | | | | |
| 11:25 | | 190 | | 122.0 | 52.5 | | | | |
| 11:35 | | 185 | | 119.0 | 49.5 | | | | |
| 11:45 | | 185 | | 119.5 | 50.0 | | | | |
| 11:55 | | 180 | | 119.0 | 49.5 | | | | |

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| TIME | PIZOM READING | GPM | Air Gauge | Pumping Level | Draw Down | Discharge PSI FEET | TDH | Spec Cap | Sand PPM |
|---|---|---|---|---|---|---|---|---|---|
| 12:05 | | 190 | | 120.0 | 50.5 | | | | |
| 12:25 | | 190 | | 121.0 | 51.5 | | | | |
| 12:45 | | 185 | | 120.0 | 50.5 | | | | |
| 1:05 | | 190 | | 121.0 | 51.5 | | | | |
| 1:35 | | 190 | | 122.0 | 52.5 | | | | |
| 2:05 | | 190 | | 122.0 | 52.5 | | | | |
| 3:05 | | 190 | | 122.0 | 52.5 | | | | |
| 4:05 | | 190 | | 123.0 | 52.5 | | | | |
| 5:05 | Other well running-gpm 190 | | | 126.0 | | | | | |
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