*Layne Christensen Company*
*3150 SE Gateway Drive, Suite B*
*Grimes, IA 50111*
*(515) 986-3462 / 3474 Fax*

# WELL TEST DATA REPORT
# PUMPING TEST PAGE 1

| | | | |
|---|---|---|---|
| **PROJECT:** | Denison Wells No. 14, 15 & 16 | **DATE TESTED:** | 9/12/16 - 9/13/16 |
| **LOCATION:** | Denison, Iowa | **TESTED BY:** | Joshua Henry |
| **WELL NO:** | 15 | **DRIVER:** | Wilo 75-HP Submersible Motor |
| **WELL DIAMETER:** | 23.00 inches I.D. | **COLUMN AND SHAFT:** | 6" T&C |
| **WELL DEPTH:** | 61 feet - from TOC - 2' AGL | **BOWL SIZE & MAKE:** | 11CLC, 1-Stage |
| **TOP OF SCREEN:** | 41 feet - from TOC - 2' AGL | **MANUFACTURER:** | Goulds 11CLC, 1-Stage |
| **STATIC LEVEL:** | 23.5 feet - from TOC - 2' AGL | **SERIAL NUMBER:** | |
| **ORIFICE SIZE:** | 6" x 5" | | |

| TIME | PIEZ. READ. (IN) | FLOW RATE (GPM) | AIRLINE READING (FEET) | WATER LEVEL (FEET) | DRAW DOWN (FEET) | DISCHARGE PRESSURE (LBS.) | DISCHARGE PRESSURE (FEET) | SPEC. CAPACITY (GPM/FT) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 1 min. | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 2 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 3 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 4 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 5 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 6 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 7 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 8 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 9 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 10 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 11 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 12 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 13 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 14 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 15 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 18 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 21 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 24 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 27 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 30 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 35 | | 653 | | 29.7 | 6.2 | | | 105.3 | |
| 40 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 45 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 50 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 55 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 60 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 70 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 80 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 90 | | 653 | | 29.7 | 6.3 | | | 104.5 | |

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# WELL TEST DATA REPORT
# PUMPING TEST PAGE 2

| | | | |
|---|---|---|---|
| **PROJECT:** | Denison Wells No. 14, 15 & 16 | **DATE TESTED:** | 9/12/16 - 9/13/16 |
| **LOCATION:** | Denison, Iowa | **TESTED BY:** | Joshua Henry |
| **WELL NO:** | 15 | **DRIVER:** | Wilo 75-HP Submersible Motor |
| **WELL DIAMETER:** | 23.00 inches I.D. | **COLUMN AND SHAFT:** | 6" T&C |
| **WELL DEPTH:** | 61 feet - from TOC - 2' AGL | **BOWL SIZE & MAKE:** | 11CLC, 1-Stage |
| **TOP OF SCREEN:** | 41 feet - from TOC - 2' AGL | **MANUFACTURER:** | Goulds 11CLC, 1-Stage |
| **STATIC LEVEL:** | 23.5 feet - from TOC - 2' AGL | **SERIAL NUMBER:** | |
| **ORIFICE SIZE:** | 6" x 5" | | |

| TIME | PIEZ. READ. (IN) | FLOW RATE (GPM) | AIRLINE READING (FEET) | WATER LEVEL (FEET) | DRAW DOWN (FEET) | DISCHARGE PRESSURE (LBS.) | DISCHARGE PRESSURE (FEET) | SPEC. CAPACITY (GPM/FT) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 100 | | 653 | | 29.7 | 6.2 | | | 105.3 | |
| 110 | | 653 | | 29.7 | 6.2 | | | 104.8 | |
| 120 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 130 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 140 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 150 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 160 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 170 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 180 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 240 | | 653 | | 29.7 | 6.3 | | | 104.5 | |
| 300 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 360 | | 653 | | 29.6 | 6.1 | | | 107.0 | |
| 420 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 480 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 540 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 600 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 660 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 720 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 780 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 840 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 900 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 960 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 1020 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 1080 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 1140 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 1200 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| 1260 | | 653 | | 29.6 | 6.2 | | | 106.2 | |
| | | | | | | | | | |
| | | | | | | | | | |

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# WELL TEST DATA REPORT
# PUMPING TEST PAGE 3

| | | | |
|---|---|---|---|
| **PROJECT:** | Denison Wells No. 14, 15 & 16 | **DATE TESTED:** | 9/12/16 - 9/13/16 |
| **LOCATION:** | Denison, Iowa | **TESTED BY:** | Joshua Henry |
| **WELL NO:** | 15 | **DRIVER:** | Wilo 75-HP Submersible Motor |
| **WELL DIAMETER:** | 23.00 inches I.D. | **COLUMN AND SHAFT:** | 6" T&C |
| **WELL DEPTH:** | 61 feet - from TOC - 2' AGL | **BOWL SIZE & MAKE:** | 11CLC, 1-Stage |
| **TOP OF SCREEN:** | 41 feet - from TOC - 2' AGL | **MANUFACTURER:** | Goulds 11CLC, 1-Stage |
| **STATIC LEVEL:** | 23.5 feet - from TOC - 2' AGL | **SERIAL NUMBER:** | |
| **ORIFICE SIZE:** | 6" x 5" | | |

| TIME | PIEZ. READ. (IN) | FLOW RATE (GPM) | AIRLINE READING (FEET) | WATER LEVEL (FEET) | DRAW DOWN (FEET) | DISCHARGE PRESSURE (LBS.) | DISCHARGE PRESSURE (FEET) | SPEC. CAPACITY (GPM/FT) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| **RECOVERY READINGS:** | | | | | | | | | |
| 1 min. | | | | 28.3 | | | | | |
| 2 | | | | 27.1 | | | | | |
| 3 | | | | 26.0 | | | | | |
| 4 | | | | 24.9 | | | | | |
| 5 | | | | 23.9 | | | | | |
| 6 | | | | 23.9 | | | | | |
| 7 | | | | 23.9 | | | | | |
| 8 | | | | 23.9 | | | | | |
| 9 | | | | 23.9 | | | | | |
| 10 | | | | 23.9 | | | | | |
| 11 | | | | 23.8 | | | | | |
| 12 | | | | 23.8 | | | | | |
| 13 | | | | 23.8 | | | | | |
| 14 | | | | 23.8 | | | | | |
| 15 | | | | 23.8 | | | | | |
| 18 | | | | 23.8 | | | | | |
| 21 | | | | 23.8 | | | | | |
| 24 | | | | 23.8 | | | | | |
| 27 | | | | 23.8 | | | | | |
| 30 | | | | 23.6 | | | | | |
| 35 | | | | 23.8 | | | | | |
| 40 | | | | 23.8 | | | | | |
| 45 | | | | 23.8 | | | | | |
| 50 | | | | 23.8 | | | | | |
| 55 | | | | 23.8 | | | | | |
| 60 | | | | 23.8 | | | | | |
| 70 | | | | 23.8 | | | | | |
| 80 | | | | 23.8 | | | | | |