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:**	9/28/16 - 9/29/16
LOCATION:	Denison, Iowa	**TESTED BY:**	Joshua Henry
WELL NO:	14	**DRIVER:**	Wilo 75-HP Submersible Motor
WELL DIAMETER:	23.00 inches I.D.	**COLUMN AND SHAFT:**	6" T&C
WELL DEPTH:	71 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:	24.0 feet - from TOC - 2' AGL	**SERIAL NUMBER:**	
ORIFICE SIZE:	Used 8" Flow Meter		

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.		600		31.6	7.6			78.9	
2		600		32.4	8.4			71.4	
3		600		32.8	8.8			68.2	
4		600		32.9	8.9			67.4	
5		600		33.0	9.0			66.7	
6		600		33.1	9.1			65.9	
7		600		33.1	9.1			65.9	
8		600		33.1	9.1			65.9	
9		600		33.1	9.1			65.9	
10		600		33.1	9.1			65.9	
11		600		33.1	9.1			65.9	
12		600		33.1	9.1			65.9	
13		600		33.1	9.1			65.9	
14		600		33.2	9.2			65.2	
15		600		33.2	9.2			65.2	
18		600		33.2	9.2			65.2	
21		600		33.2	9.2			65.2	
24		600		33.2	9.2			65.2	
27		600		33.3	9.3			64.5	
30		600		33.3	9.3			64.5	
35		600		33.5	9.5			63.2	
40		600		33.5	9.5			63.2	
45		600		33.5	9.5			63.2	
50		600		33.5	9.5			63.2	
55		600		33.5	9.5			63.2	
60		600		33.6	9.6			62.5	
70		600		33.7	9.7			61.9	
80		600		33.7	9.7			61.9	
90		600		33.8	9.8			61.2	

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PUMPING TEST PAGE 2

PROJECT:	Denison Wells No. 14, 15 & 16	**DATE TESTED:**	9/28/16 - 9/29/16
LOCATION:	Denison, Iowa	**TESTED BY:**	Joshua Henry
WELL NO:	14	**DRIVER:**	Wilo 75-HP Submersible Motor
WELL DIAMETER:	23.00 inches I.D.	**COLUMN AND SHAFT:**	6" T&C
WELL DEPTH:	71 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:	24.0 feet - from TOC - 2' AGL	**SERIAL NUMBER:**	
ORIFICE SIZE:	Used 8" Flow Meter		

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		600		33.8	9.8			61.2	
110		600		33.9	9.9			60.6	
120		600		33.9	9.9			60.6	
130		600		34.0	10.0			60.0	
140		600		34.0	10.0			60.0	
150		600		34.1	10.1			59.4	
160		600		34.1	10.1			59.4	
170		600		34.2	10.2			58.8	
180		600		34.2	10.2			58.8	
240		600		34.3	10.3			58.3	
300		600		34.4	10.4			57.7	
360		600		34.4	10.4			57.7	
420		600		34.4	10.4			57.7	
480		600		34.4	10.4			57.7	
540		600		34.4	10.4			57.7	
600		600		34.4	10.4			57.7	
660		600		34.4	10.4			57.7	
720		600		34.4	10.4			57.7	
780		600		34.4	10.4			57.7	
840		600		34.4	10.4			57.7	
900		600		34.5	10.5			57.1	
960		600		34.5	10.5			57.1	
1020		600		34.6	10.6			56.6	
1080		600		34.6	10.6			56.6	
1140		600		34.6	10.6			56.6	
1200		600		34.6	10.6			56.6	
1260		600		34.7	10.7			56.1	
1320		600		34.7	10.7			56.1	
1380		600		34.7	10.7			56.1	

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PUMPING TEST PAGE 3

PROJECT:	Denison Wells No. 14, 15 & 16	**DATE TESTED:**	9/28/16 - 9/29/16
LOCATION:	Denison, Iowa	**TESTED BY:**	Joshua Henry
WELL NO:	14	**DRIVER:**	Wilo 75-HP Submersible Motor
WELL DIAMETER:	23.00 inches I.D.	**COLUMN AND SHAFT:**	6" T&C
WELL DEPTH:	71 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:	24.0 feet - from TOC - 2' AGL	**SERIAL NUMBER:**	
ORIFICE SIZE:	Used 8" Flow Meter		

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
1440		600		34.7	10.7			56.1	
RECOVERY READINGS:									
1 min.				29.8					
2				29.3					
3				29.0					
4				29.0					
5				29.0					
6				29.0					
7				29.0					
8				29.0					
9				29.0					
10				28.7					
11				28.6					
12				28.5					
13				28.2					
14				28.0					
15				27.9					
18				27.6					
21				27.0					
24				26.9					
27				26.6					
30				26.3					
35				26.3					
40				26.3					
45				26.3					
50				26.3					
55				26.3					
60				26.3					

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WELL TEST DATA REPORT
PUMPING TEST PAGE 4

PROJECT:	Denison Wells No. 14, 15 & 16	**DATE TESTED:**	9/28/16 - 9/29/16
LOCATION:	Denison, Iowa	**TESTED BY:**	Joshua Henry
WELL NO:	14	**DRIVER:**	Wilo 75-HP Submersible Motor
WELL DIAMETER:	23.00 inches I.D.	**COLUMN AND SHAFT:**	6" T&C
WELL DEPTH:	71 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:	24.0 feet - from TOC - 2' AGL	**SERIAL NUMBER:**	
ORIFICE SIZE:	Used 8" Flow Meter		

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
70				26.3					
80				26.3					
90				26.3					
100				26.2					
110				26.1					
120				26.0					
130				25.9					
140				25.9					
150				25.7					
160				25.6					
170				25.6					
180				25.5					
240				24.8					
300				24.0					