



THEIN WELL

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WELLS ~ PUMPS
SALES ~ SERVICE

Since 1893

March 3, 2025

City of Baxter
Scott Shelito
13190 Memorywood Drive
Baxter, MN 56425

Dear Scott,

Enclosed you will find the reports from your recent well inspections on 1/28/2025.

All four wells were shut off 3+ hours prior to inspection. Static water levels were taken on all four wells prior to running any one of them. Pumping water levels were taken after 20 minutes of pumping. Water levels were taken from top of rim of pitless.

Well # 1R: Flow rate was up 2% from last year while running the same speed. Pumping water level in 2024 was 54' 17". Pumping water level was 57'.67". Specific capacity in 2024 was 27.07. Specific capacity this year was 23.05(down 15%). 22.50 SC after rehab.

Well # 2R: Flow rate was up 2% from last year while running 00.01 Hz faster. Pumping water level in 2024 was 60'.92". Pumping water level was 57'. Specific capacity in 2024 was 19.83. Specific capacity this year was 22.70(up 14%). 28.0 SC after rehab.

Well # 3R: Flow rate was up 9% from last year while running 01.99 Hz slower. Pumping water level in 2024 was 74'.75". Pumping water level was 57'.58" Specific capacity in 2024 was 12.93. Specific capacity this year was 22.51(up 74%). 18.4 SC after rehab.

Well # 4R: Flow rate was up 1% from last year while running 00.99 Hz faster. Pumping water level in 2024 was 52'.17". Pumping water level was 27'.42" Specific capacity in 2024 was 23.40. Specific capacity this year was 21.70 (down 7%). 18.46 SC after rehab.

2024 Inspections were done 1/23/2024.

2025 Inspections were done 1/28/2025.

All four wells were rehabbed in 2024.

This report dated 2/3/2025 reflect up to date status.

Additional water supply sources should be sought in a different vicinity.

Sincerely,

Aaron Butler

Licensed, Bonded and Insured

CERTIFIED MASTER WATER WELL CONTRACTOR
Equal Opportunity Employer

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WELL INSPECTION REPORT

Customer: City of Baxter

Well Number: 1R Furthest South

Unique #: 752207

Inspection Date: 1-28-2025

Both an early awareness of a reduction in the efficiency of your Well and a good preventive maintenance program are a necessity for you to avoid extensive down time, extreme rehabilitation expenses and a shortened life span for your well. The following three areas and seventeen items pertaining to your Well have been checked and are reported, where possible, as shown below.

Area and Item Inspected

I. Well Efficiency

A) Gallons Per Minute	636
B) Static Water Level (water level when not pumping)	30.08
C) Pumping Water Level	57.67
D) Drawdown (P.W.L. - S.W.L.)	27.59
E) Specific Capacity (G.P.M. / D.D.)	23.05
F) Discharge pressure guage reading	to filter

Condition	
Good	Caution
X	
X	
	X
	X
	X
X	

II. Submersible Pump Operation

A) Meg / OHMS			
B) Voltage	L1 to L2 460.00	L2 to L3	L1 to L3
C) Amperage	L1 36.00	L2	L3
D) Winding Resistance		59.92 Hz	
E) Insulation Resistance		3512 rpm	
F) Pump bowl / TDH Condition			

X	
X	
X	
X	

III. General Operation

- A) Production Rate of Well
- B) Effect From Other Wells
- C) History of Well
- D) Operating Hours of Well
- E) Other

	X
	X

Comments

Ramp up good on VFD. Sanitary gasket good on well cover.

Inspected By:

WELL INSPECTION REPORT

Customer: City of Baxter

Well Number: 2R second from South

Unique #: 741694

Inspection Date: 1-28-2025

Both an early awareness of a reduction in the efficiency of your Well and a good preventive maintenance program are a necessity for you to avoid extensive down time, extreme rehabilitation expenses and a shortened life span for your well. The following three areas and seventeen items pertaining to your Well have been checked and are reported, where possible, as shown below.

Area and Item Inspected

I. Well Efficiency

A) Gallons Per Minute	609
B) Static Water Level (water level when not pumping)	30.17
C) Pumping Water Level	57.00
D) Drawdown (P.W.L. - S.W.L.)	26.83
E) Specific Capacity (G.P.M. / D.D.)	22.70
F) Discharge pressure guage reading	to filter

Condition	
Good	Caution
X	
X	
	X
	X
	X
X	

II. Submersible Pump Operation

A) Meg / OHMS			
B) Voltage	L1 to L2 460.00	L2 to L3	L1 to L3
C) Amperage	L1 35.00	L2	L3
D) Winding Resistance		58.66 Hz	
E) Insulation Resistance		3441 rpm	
F) Pump bowl / TDH Condition			

X	
X	
X	
X	

III. General Operation

- A) Production Rate of Well
- B) Effect From Other Wells
- C) History of Well
- D) Operating Hours of Well
- E) Other

	X
	X

Comments

Ramp up good on VFD. Sanitary well cover gasket good.

Inspected By:

WELL INSPECTION REPORT

Customer: City of Baxter

Well Number: 3R Third from South

Unique #: 733068

Inspection Date: 1-28-2025

Both an early awareness of a reduction in the efficiency of your Well and a good preventive maintenance program are a necessity for you to avoid extensive down time, extreme rehabilitation expenses and a shortened life span for your well. The following three areas and seventeen items pertaining to your Well have been checked and are reported, where possible, as shown below.

Area and Item Inspected

I. Well Efficiency

A) Gallons Per Minute	619
B) Static Water Level (water level when not pumping)	30.08
C) Pumping Water Level	57.58
D) Drawdown (P.W.L. - S.W.L.)	27.50
E) Specific Capacity (G.P.M. / D.D.)	22.51
F) Discharge pressure guage reading	to filter

Condition	
Good	Caution
	X
X	
	X
	X
	X
X	

II. Submersible Pump Operation

A) Meg / OHMS			
B) Voltage	L1 to L2 460.00	L2 to L3	L1 to L3
C) Amperage	L1 36.00	L2	L3
D) Winding Resistance		56.93 Hz	
E) Insulation Resistance		3332 rpm	
F) Pump bowl / TDH Condition			

X	
X	
X	
X	

III. General Operation

- A) Production Rate of Well
- B) Effect From Other Wells
- C) History of Well
- D) Operating Hours of Well
- E) Other

	X
	X
X	

Comments

Ramp up good on VFD. Sanitary well cover gasket good.

Inspected By:

WELL INSPECTION REPORT

Customer: City of Baxter

Well Number: 4R Furthest North

Unique #: 752208

Inspection Date: 1-28-2025

Both an early awareness of a reduction in the efficiency of your Well and a good preventive maintenance program are a necessity for you to avoid extensive down time, extreme rehabilitation expenses and a shortened life span for your well. The following three areas and seventeen items pertaining to your Well have been checked and are reported, where possible, as shown below.

Area and Item Inspected

I. Well Efficiency

A) Gallons Per Minute	595
B) Static Water Level (water level when not pumping)	26.75
C) Pumping Water Level	54.17
D) Drawdown (P.W.L. - S.W.L.)	27.42
E) Specific Capacity (G.P.M. / D.D.)	21.70
F) Discharge pressure guage reading	to filter

Condition	
Good	Caution
	X
X	
	X
	X
	X
X	

II. Submersible Pump Operation

A) Meg / OHMS			
B) Voltage	L1 to L2 460.00	L2 to L3	L1 to L3
C) Amperage	L1 35.00	L2	L3
D) Winding Resistance		59.59 Hz	
E) Insulation Resistance		3494 rpm	
F) Pump bowl / TDH Condition			

X	
X	
X	
X	

III. General Operation

- A) Production Rate of Well
- B) Effect From Other Wells
- C) History of Well
- D) Operating Hours of Well
- E) Other

	X
	X

Comments

Ramp up good on VFD. Sanitary well cover gasket good.

Inspected By: