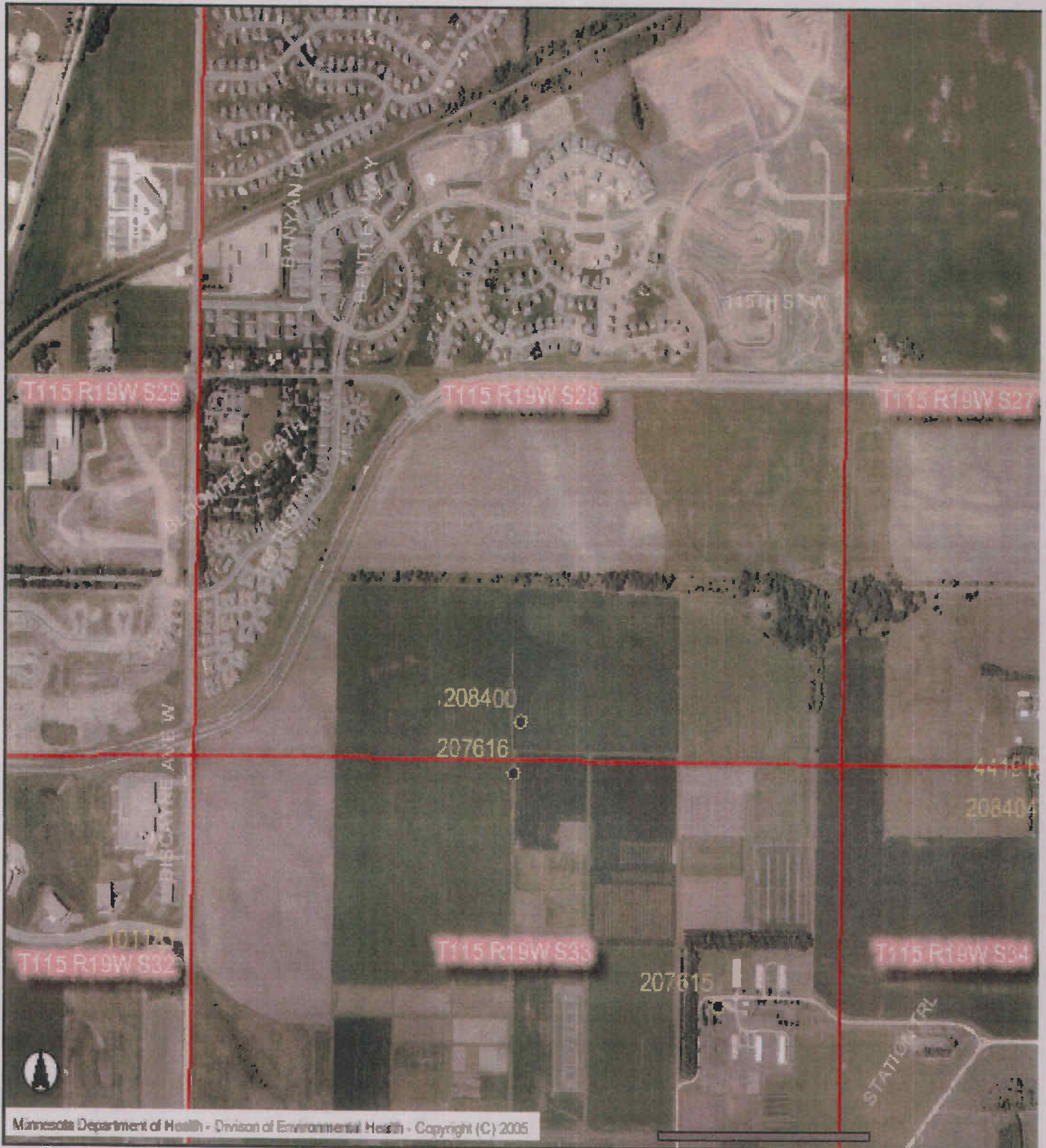


APPENDIX D



### The Minnesota County Well Index



Minnesota Department of Health - Division of Environmental Health - Copyright (C) 2005

Minnesota Unique Well No.

**208400**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 03/30/1990  
 Update Date 08/14/1991  
 Received Date

Well Name AG. EXP. STATION ROSEMOU							Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	Subsections	Field Located	MGS	153 ft.	153 ft.	195902	
115	19	W	28	DCCCBB	Elevation	950 ft.	Drilling Method --			
<b>Geological Material</b> LOAM + CLAY CLAY + GRAVEL GRAVEL + CLAY MIXTURE SANDSTONE LIMESTONE							Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No	
							-		From Ft. to Ft.	
							Use			
							Casing Type		Joint No Information	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No
							No Above/Below 0 ft.			
							Casing Diameter		Weight	Hole Diameter
							6 in. to 107 ft.		lbs./ft.	
							Open Hole from 107 ft. to 153 ft.			
							Screen NO	Make	Type	
							Diameter	Slot/Gauze	Length	Set Between
Static Water Level										
98 ft. from Land surface			Date Measured 195902							
PUMPING LEVEL (below land surface)										
98 ft. after hrs pumping			30 g.p.m.							
Well Head Completion										
Pitless adapter manufacturer			Model							
<input type="checkbox"/> Casing Protection		<input type="checkbox"/> 12 in. above grade								
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)										
Grouting Information			Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Nearest Known Source of Contamination										
_feet _direction _type										
Well disinfected upon completion?			<input type="checkbox"/> Yes <input type="checkbox"/> No							

NO REMARKS

Pump  Not Installed Date Installed  
 Manufacturer's name Model number \_\_\_ HP 0 Volts  
 Length of drop Pipe \_\_\_ft. Capacity \_\_\_g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)?   
 Yes  No

Variance Was a variance granted from the MDH for this well?  Yes  No

Well Contractor Certification

Corcoran Well Co. 19163  
 License Business Name Lic. Or Reg. No.

First Bedrock St.Peter Aquifer Multiple  
 Last Strat Prairie Du Chien Group Depth to Bedrock 93 ft.

County Well Index Online Report

208400

Printed 5/12/2006  
HE-01205-07

Minnesota Unique Well No.

**207616**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 09/15/1988  
 Update Date 08/14/1991  
 Received Date

<b>Well Name</b> FIELD WELL						<b>Well Depth</b>	<b>Depth Completed</b>	<b>Date Well Completed</b>	
<b>Township</b>	<b>Range</b>	<b>Dir</b>	<b>Section</b>	<b>Subsections</b>	<b>Field Located</b>	221 ft.	221 ft.	00/00/1959	
115	19	W	33	ABBBBC	<b>MGS Elevation</b>	954 ft.			
<b>Drilling Method</b>									
<b>Geological Material</b> LOAM AND CLAY SAND AND GRAVEL GRAVEL AND CLAY OSP SANDSTONE OPC LIMESTONE						<b>Drilling Fluid</b>		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.	
						<b>Use Irrigation</b>			
						<b>Casing Type</b>	Joint Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No	Above/Below ft.	
						<b>Casing Diameter</b>	Weight	Hole Diameter	
						Open Hole from ft. to ft.			
						<b>Screen Diameter</b>	<b>Slot/Gauze</b>	<b>Length</b>	<b>Set Between</b>
						<b>Static Water Level</b> ft. from Date Measured			
						<b>PUMPING LEVEL (below land surface)</b> ft. after hrs. pumping g.p.m.			
						<b>Well Head Completion</b> Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)			
						<b>Grouting Information</b> Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No			
						<b>Nearest Known Source of Contamination</b> _feet _direction _type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No			

NO REMARKS

Pump  Not Installed Date Installed  
 Manufacturer's name Model number \_\_\_ HP \_ Volts  
 Length of drop Pipe \_ft. Capacity \_g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)?   
 Yes  No

Variance Was a variance granted from the MDH for this well?  Yes  No

Well Contractor Certification

License Business Name

Lic. Or Reg. No.

First Bedrock St.Peter

Aquifer

Last Strat Prairie Du Chien Group

Depth to Bedrock 93 ft.

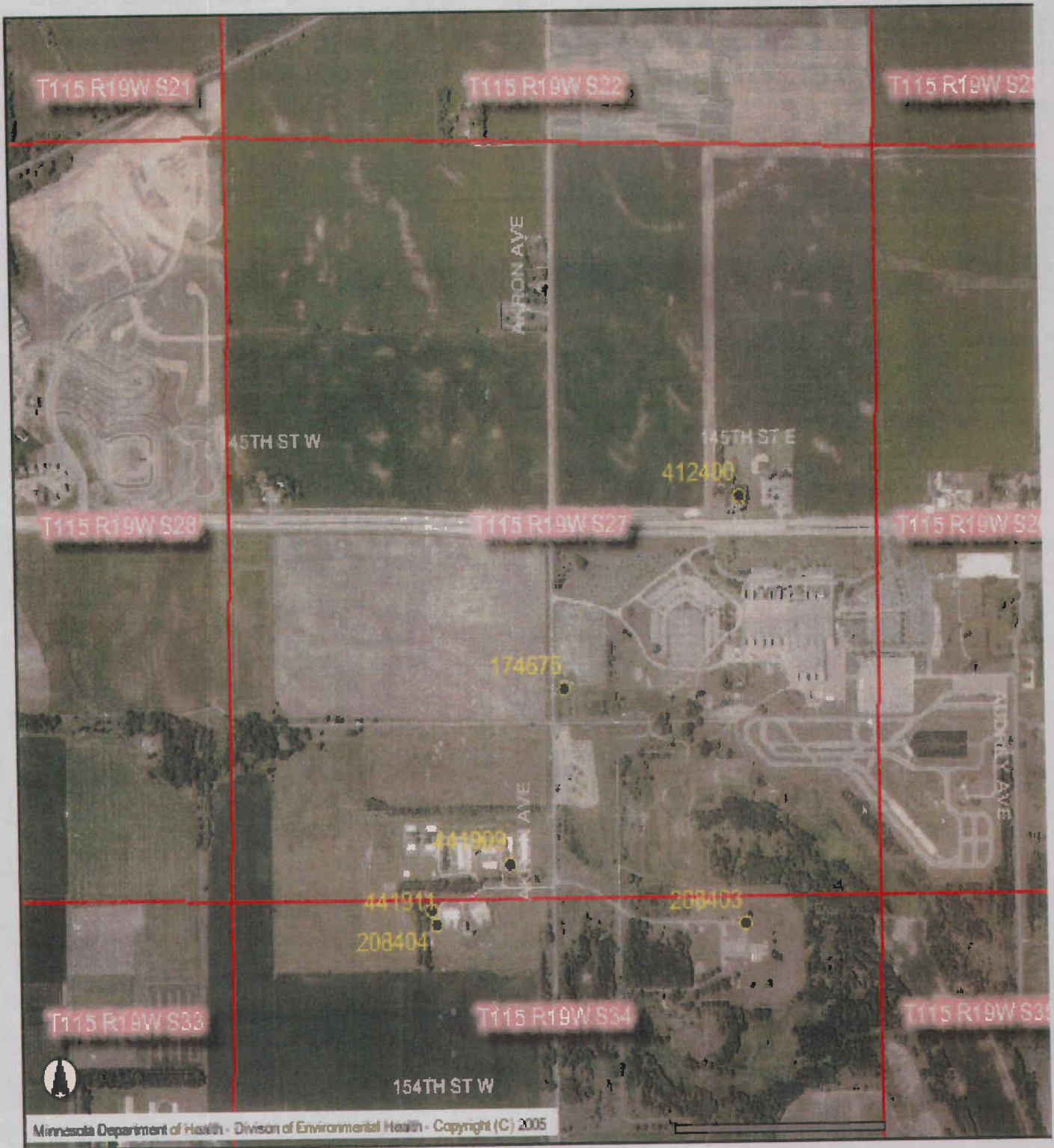
County Well Index Online Report

207616

Printed 5/12/2006  
HE-01205-07



### The Minnesota County Well Index



Minnesota Unique Well No.

**412400**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 03/30/1990  
 Update Date: 08/14/1991  
 Received Date:

<b>Well Name</b> JOHN RELLER						<b>Well Depth</b> 380 ft.	<b>Depth Completed</b> 380 ft.	<b>Date Well Completed</b> 02/27/1986
<b>Township</b> 115	<b>Range</b> 19	<b>Dir</b> W	<b>Section</b> 27	<b>Subsections</b> ADCCDB	<b>Field Located</b> Elevation	<b>MGS</b> 936 ft.		
<b>Drilling Method</b> --								
<b>Drilling Fluid</b> --						<b>Well Hydrofractured?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.		
<b>Use Domestic</b>								
<b>Geological Material</b>						<b>Color</b>	<b>Hardness</b>	<b>From To</b>
SAND + GRAVEL						BROWN	MEDIUM	0 111
LIMEROCK						YELLOW	HARD	111 330
SANDROCK						GRAY	MEDIUM	330 380
<b>Casing Type</b> Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below 0 ft.								
<b>Casing Diameter</b>			<b>Weight</b>			<b>Hole Diameter</b>		
8 in. to 111 ft.			lbs./ft.					
4 in. to 355 ft.			lbs./ft.					
<b>Open Hole</b> from 355 ft. to 380 ft.								
<b>Screen NO Make Type</b>								
<b>Diameter</b>		<b>Slot/Gauze</b>		<b>Length</b>		<b>Set Between</b>		
<b>Static Water Level</b> 120 ft. from Land surface Date Measured 02/27/1986								
<b>PUMPING LEVEL (below land surface)</b> 120 ft. after hrs. pumping 15 g.p.m.								
<b>Well Head Completion</b> Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)								
<b>Grouting Information</b> Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No								
<b>Nearest Known Source of Contamination</b> 90 feet direction Septic tank/drain field type								



<b>REMARKS</b> CASING: 8 TO 111; 4 TO 355.	Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed _____ Manufacturer's name _____ Model number _____ HP 0 Volts Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____	
First Bedrock Prairie Du Chien Group Last Strat Jordan	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	<b>Well Contractor Certification</b> _____ License Business Name	
Aquifer Jordan Depth to Bedrock 111 ft.	19301 Lic. Or Reg. No.	Printed 5/12/2006 HE-01205-07
<b>County Well Index Online Report</b>	<b>412400</b>	

Minnesota Unique Well No.

174675

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 03/30/1990  
 Update Date 05/29/2002  
 Received Date

Well Name DAKOTA COUNTY AREA VO. I				Well Depth	Depth Completed	Date Well Completed
Township	Range	Dir	Section	178 ft.	178 ft.	07/09/1980
115	19	W	27	Drilling Method Non-specified Rotary		
Subsections DBCCCC				Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Field Located Elevation 941 ft.				From Ft. to Ft.		
Well Address 145 ST E ROSEMOUNT MN 55068						
Use Domestic						
Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Above/Below 0 ft.						
Geological Material		Color	Hardness	From	To	
GRAVEL		BROWN	SOFT	0	144	
LIMESTONE		BROWN	HARD	144	178	
Casing Diameter				Weight	Hole Diameter	
4 in. to 144 ft.				11 lbs./ft.	8 in. to 144 ft.	
					4 in. to 178 ft.	
Open Hole from 144 ft. to 178 ft.						
Screen NO Make Type						
Diameter		Slot/Gauze		Length		Set Between
Static Water Level 80 ft. from Land surface Date Measured 07/09/1980						
PUMPING LEVEL (below land surface) 80 ft. after hrs. pumping 50 g.p.m.						
Well Head Completion Pitless adapter manufacturer Model						
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade						
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)						
Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
Grout Material: Bentonite from 0 to 144 ft.						
Nearest Known Source of Contamination 125 feet N direction Barnyard type						
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No						

<b>REMARKS</b> DAKOTA COUNTY AREA VOCATIONAL INS	Pump <input checked="" type="checkbox"/> Not Installed Date Installed 07/31/1980 Manufacturer's name <u>DEMING</u> Model number <u>5 AHN</u> HP <u>1</u> Volts <u>230</u> Length of drop Pipe <u>114</u> ft. Capacity <u>20</u> g.p.m Type <u>Submersible</u> Material	
	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No		Well Contractor Certification Ryan Well Co. 19063 License Business Name Lic. Or Reg. No.
First Bedrock <u>Prairie Du Chien Group</u> Last Strat <u>Prairie Du Chien Group</u>	Aquifer <u>Prairie Du Chien Group</u> Depth to Bedrock <u>144</u> ft.	Printed 5/12/2006 HE-01205-07
<b>County Well Index Online Report</b>		<b>174675</b>

Minnesota Unique Well No.

**441909**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 12/02/1990  
 Update Date: 08/14/1991  
 Received Date:

Well Name U OF M SWINE BARN				Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	380 ft.	380 ft.	09/24/1987	
115	19	W	27	Drilling Method -			
Subsections	Field Located	MGS	Drilling Fluid				
DCDDBB	Elevation	940 ft.	-				
Geological Material				Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No			
SAND + GRAVEL	BROWN	SOFT	From Ft. to Ft.				
CLAY	BLUE	HARD	-				
GRAVEL	BROWN	SOFT	Use Domestic				
LIMEROCK	YELLOW	HARD	-				
SANDROCK	BLUE	MEDIUM	-				
From	To	Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No					
0	90	No Above/Below 0 ft.					
90	140	Casing Diameter Weight Hole Diameter					
140	158	8 in. to 158 ft. lbs./ft.					
158	320	4 in. to 336 ft. lbs./ft.					
320	380	Open Hole from 336 ft. to 380 ft.					
Screen NO Make Type				Diameter Slot/Gauze Length Set Between			
Static Water Level							
50 ft. from Land surface Date Measured 09/24/1987							
PUMPING LEVEL (below land surface)							
100 ft. after hrs. pumping 50 g.p.m.							
Well Head Completion							
Pitless adapter manufacturer Model							
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade							
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)							
Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Nearest Known Source of Contamination							
75 feet N direction _type							
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No							



Minnesota Unique Well No.

**441913**

County Dakota  
 Quad Inver Grove Heights  
 Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 12/09/1992  
 Update Date 12/09/1992  
 Received Date

Well Name U OF M - BEEF BARN							Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	Subsections	Field Located		134 ft.	134 ft.	11/16/1987	
115	19	W	23	BA	Elevation	ft.				
Well Address							Drilling Method			
15005 AKRON AV							Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No		
ROSEMOUNT MN 55068							From Ft. to Ft.			
Geological Material							Use Domestic			
					Color	Hardness	From	To		
							Casing Type	Joint	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.	
							Casing Diameter	Weight	Hole Diameter	
							Open Hole from ft. to ft.			
							Screen Diameter	Slot/Gauze	Length	Set Between
							Static Water Level			
							74 ft. from Land surface Date Measured 11/16/1987			
							PUMPING LEVEL (below land surface)			
							ft. after hrs. pumping g.p.m.			
							Well Head Completion			
							Pitless adapter manufacturer Model			
							<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade			
							<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)			
							Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
							Nearest Known Source of Contamination			
							_feet _direction _type			

<p>NO REMARKS</p>	<p>Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p>Pump <input type="checkbox"/> Not Installed Date Installed _____</p> <p>Manufacturer's name _____ Model number _____ HP _____ Volts _____</p> <p>Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____</p> <hr/> <p>Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No</p> <hr/> <p>Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p><b>Well Contractor Certification</b></p> <p style="text-align: center;"><u>Kimmes-Bauer</u> <span style="float: right;">19521</span></p> <p style="text-align: center;">License Business Name <span style="float: right;">Lic. Or Reg. No.</span></p>
<p>First Bedrock _____</p> <p>Last Strat _____</p>	<p>Aquifer _____</p> <p>Depth to Bedrock _____ ft.</p>
<p><b>County Well Index Online Report</b></p>	<p><b>441913</b></p>
<p>Printed 5/12/2006 HE-01205-07</p>	



### The Minnesota County Well Index





# CWI Online

## The Minnesota County Well Index

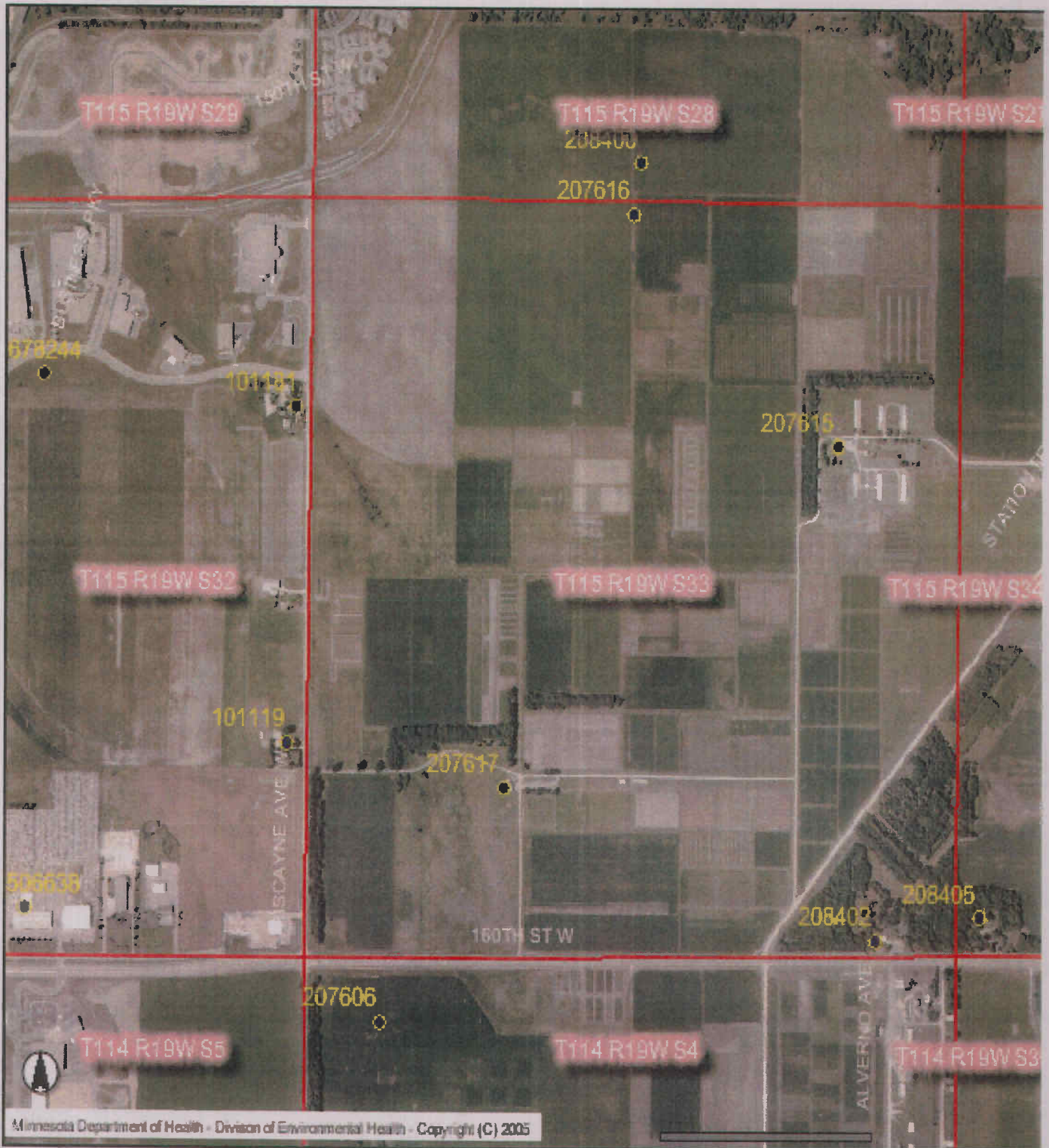


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### The Minnesota County Well Index



Minnesota Department of Health - Division of Environmental Health - Copyright (C) 2005

Minnesota Unique Well No.

**207616**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 09/15/1988  
 Update Date: 08/14/1991  
 Received Date:

Well Name FIELD WELL							Well Depth	Depth Completed	Date Well Completed		
Township	Range	Dir	Section	Subsections	Field Located	MGS	221 ft.	221 ft.	00/00/1959		
115	19	W	33	ABBBBC	Elevation	954 ft.	Drilling Method				
<b>Geological Material</b> LOAM AND CLAY SAND AND GRAVEL GRAVEL AND CLAY OSP SANDSTONE OPC LIMESTONE							Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.		
							Use Irrigation				
							Casing Type		Joint	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No	Above/Below ft.
							Casing Diameter		Weight	Hole Diameter	
							Open Hole		from ft. to ft.		
							Screen Diameter		Slot/Gauze	Length	Set Between
							Static Water Level		ft. from Date Measured		
							PUMPING LEVEL (below land surface)		ft. after hrs. pumping g.p.m.		
							Well Head Completion		Pitless adapter manufacturer Model		
									<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
Grouting Information							Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Nearest Known Source of Contamination							_feet _direction _type				
							Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No				

NO REMARKS		Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model number __ HP Volts Length of drop Pipe _ft. Capacity _g.p.m Type Material	
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
First Bedrock St.Peter Last Strat Prairie Du Chien Group		Well Contractor Certification License Business Name Lic. Or Reg. No.	
		Aquifer Depth to Bedrock 93 ft.	
<b>County Well Index Online Report</b>		<b>207616</b>	Printed 5/12/2006 HE-01205-07

Minnesota Unique Well No.

**207615**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 09/15/1988  
 Update Date 08/14/1991  
 Received Date

Well Name POULTRY FARM							Well Depth	Depth Completed	Date Well Completed						
Township	Range	Dir	Section	Subsections	Field Located	MGS	432 ft.	432 ft.	00/00/1960						
115	19	W	33	ADBACC	Elevation	955 ft.	Drilling Method								
<b>Geological Material</b> SANDY DRIFT CLAY SAND AND GRAVEL REMNANTS OF ST. PETER SANDSTONE ONEOTA-SHAKOPEE LIMEROCK JORDAN SANDSTONE							Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.						
							Use Domestic								
							Color		Hardness		From To		Casing Type Joint Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.		
							BROWN		0 45		45 120		Casing Diameter Weight Hole Diameter		
							GRAY		120 142		142 181		Open Hole from ft. to ft.		
									181 350		350 432		Screen Diameter Slot/Gauze Length Set Between		
													Static Water Level ft. from Date Measured		
													PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.		
													Well Head Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
														Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No	
							Nearest Known Source of Contamination _feet _direction _type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No								

NO REMARKS

Pump  Not Installed Date Installed  
 Manufacturer's name Model number \_\_\_ HP \_ Volts  
 Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)?   
 Yes  No

Variance Was a variance granted from the MDH for this well?  Yes  No

Well Contractor Certification

License Business Name

Lic. Or Reg. No.

First Bedrock St.Peter

Aquifer

Last Strat Jordan

Depth to Bedrock 142 ft.

County Well Index Online Report

207615

Printed 5/12/2006  
 HE-01205-07

Minnesota Unique Well No.

**207617**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 09/15/1988  
 Update Date: 08/14/1991  
 Received Date:

Well Name SWINE AND SHEEP FARM						Well Depth	Depth Completed	Date Well Completed
Township	Range	Dir	Section	Subsections	Field Located	MGS		
115	19	W	33	CDBBAA	Elevation	950 ft.	434 ft.	434 ft.
Drilling Method								
<b>Geological Material</b> SANDY LOAM AND SAND CLAY MIXED WITH GRAVEL SAND COARSE SAND AND DIRTY GRAVEL HARDPAN SAND AND CLAY CLAY AND GRAVEL CLAY AND SAND DOLOMITE DOLOMITE, SANDROCK, SHALE DOLOMITE DOLOMITE WITH SANDROCK JORDAN SANDROCK						Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.
						Use Domestic		
						Casing Diameter	Weight	Hole Diameter
Color Hardness From To 0 12 12 72 72 92 92 102 102 116 116 130 130 146 146 168 168 273 273 291 291 359 359 373 373 434						Open Hole from ft. to ft.		
						Screen Diameter	Slot/Gauze	Length Set Between
						Static Water Level ft. from Date Measured		
						PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.		
						Well Head Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
						Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No		
						Nearest Known Source of Contamination _ feet _ direction _ type		
						Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		
NO REMARKS						Pump <input type="checkbox"/> Not Installed Date Installed		
						Manufacturer's name Model number __ HP _ Volts Length of drop Pipe ft. Capacity _g.p.m Type Material		



First Bedrock Prairie Du Chien Group Last Strat Jordan		Aquifer Depth to Bedrock 168 ft.	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Well Contractor Certification License Business Name Lic. Or Reg. No.	
<b>County Well Index Online Report</b>			<b>207617</b>	Printed 5/12/2006 HE-01205-07

Minnesota Unique Well No.

**208402**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 09/15/1988  
 Update Date: 08/14/1991  
 Received Date:

Well Name UNIV. OF MN. Township: 115 Range: 19 Dir: W Section: 33 Subsections: DDDCC Field Located: Elevation: 950 ft. MGS: 950 ft.							Well Depth 166 ft.	Depth Completed 166 ft.	Date Well Completed 12/00/1957
Well Address ROSEMOUNT MN							Drilling Method --		
Geological Material CLAY + GRAVEL CLAY IN LAYERS WATER BEARING SAND LIMEROCK							Drilling Fluid -	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.	
Color Hardness From To 0 30 30 158 158 161 161 166							Use Domestic		
Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below 0 ft.							Casing Diameter Weight Hole Diameter 4 in. to 161 ft. lbs./ft.		
Open Hole from ft. to ft.							Screen Make Type Diameter Slot/Gauze Length Set Between		
Static Water Level 75 ft. from Land surface Date Measured 12/00/1957							PUMPING LEVEL (below land surface) 0 ft. after hrs. pumping 15 g.p.m.		
Well Head Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)							Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Nearest Known Source of Contamination _feet _direction _type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No							Pump <input type="checkbox"/> Not Installed Date Installed		

NO REMARKS

		Manufacturer's name _____ Model number _____ HP 0 _____ Volts Length of drop Pipe ___ft. Capacity ___g.p.m Type _____ Material _____	
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
First Bedrock Prairie Du Chien Group Last Strat Prairie Du Chien Group		Aquifer Prairie Du Chien Group Depth to Bedrock 161 ft.	
County Well Index Online Report		License Business Name	Lic. Or Reg. No.
		208402	Printed 5/12/2006 HE-01205-07



### The Minnesota County Well Index



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Minnesota Unique Well No.

**441911**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 12/02/1990  
 Update Date 08/14/1991  
 Received Date

Well Name U OF M BEEF BARN						Well Depth	Depth Completed	Date Well Completed																																			
Township	Range	Dir	Section	Subsections	Field Located	MGS																																					
115	19	W	34	BABBAD	Elevation	935 ft.	420 ft.	420 ft. 09/25/1987																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Geological Material</th> <th>Color</th> <th>Hardness</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>SAND + GRAVEL</td> <td>BROWN</td> <td>SOFT</td> <td>0</td> <td>90</td> </tr> <tr> <td>CLAY</td> <td>BLUE</td> <td>HARD</td> <td>90</td> <td>105</td> </tr> <tr> <td>SAND</td> <td>BROWN</td> <td>MEDIUM</td> <td>105</td> <td>160</td> </tr> <tr> <td>LIMESTONE</td> <td>YELLOW</td> <td>HARD</td> <td>160</td> <td>330</td> </tr> <tr> <td>SANDROCK</td> <td>BROWN</td> <td>SOFT</td> <td>330</td> <td>375</td> </tr> <tr> <td>SANDROCK</td> <td>BLUE</td> <td>HARD</td> <td>375</td> <td>420</td> </tr> </tbody> </table>						Geological Material	Color	Hardness	From	To	SAND + GRAVEL	BROWN	SOFT	0	90	CLAY	BLUE	HARD	90	105	SAND	BROWN	MEDIUM	105	160	LIMESTONE	YELLOW	HARD	160	330	SANDROCK	BROWN	SOFT	330	375	SANDROCK	BLUE	HARD	375	420	Drilling Method --		
Geological Material	Color	Hardness	From	To																																							
SAND + GRAVEL	BROWN	SOFT	0	90																																							
CLAY	BLUE	HARD	90	105																																							
SAND	BROWN	MEDIUM	105	160																																							
LIMESTONE	YELLOW	HARD	160	330																																							
SANDROCK	BROWN	SOFT	330	375																																							
SANDROCK	BLUE	HARD	375	420																																							
Drilling Fluid --						Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.																																					
Use Domestic						Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below 0 ft.																																					
Casing Diameter						Weight	Hole Diameter																																				
8 in. to 160 ft.						lbs./ft.																																					
4 in. to 380 ft.						lbs./ft.																																					
Open Hole from 380 ft. to 420 ft.						Screen NO Make Type																																					
Diameter						Slot/Gauze	Length	Set Between																																			
Static Water Level						50 ft. from Land surface Date Measured 09/25/1987																																					
PUMPING LEVEL (below land surface)						100 ft. after hrs. pumping 50 g.p.m.																																					
Well Head Completion						Pitless adapter manufacturer Model																																					
<input type="checkbox"/> Casing Protection						<input type="checkbox"/> 12 in. above grade																																					
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																																											
Grouting Information						Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No																																					
Nearest Known Source of Contamination						75 feet _direction_ _type																																					
Well disinfected upon completion?						<input type="checkbox"/> Yes <input type="checkbox"/> No																																					

REMARKS

CASING: 8 TO 160; 4 TO 380.	Pump <input checked="" type="checkbox"/> Not Installed Date Installed _____ Manufacturer's name <u>DEMING</u> Model number <u>HP 2</u> Volts <u>230</u> Length of drop Pipe <u>120</u> ft. Capacity <u>30</u> g.p.m. Type <u>Submersible</u> Material _____
	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No
First Bedrock <u>Prairie Du Chien Group</u> Last Strat <u>Jordan</u>	Well Contractor Certification <u>Kimmes-Bauer</u> <u>19521</u> License Business Name Lic. Or Reg. No.
<b>County Well Index Online Report</b>	<div style="display: flex; justify-content: space-between;"> <span style="font-size: 24pt;"><b>441911</b></span> <span>Printed 5/12/2006 HE-01205-07</span> </div>

Minnesota Unique Well No.

**208403**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 09/15/1988  
 Update Date 08/14/1991  
 Received Date

Well Name US NAVAL FACILITY							Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	Subsections	Field Located	MGS	188 ft.	188 ft.	07/31/1968	
115	19	W	34	AABBC	Elevation	940 ft.	Drilling Method --			
Well Address AKRON ROSEMOUNT MN							Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.		
Geological Material							Use	Other (specify in remarks)		
TOP SOIL					Color	Hardness	From	To	Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No No Above/Below 0 ft.	
SAND							0	2		
COARSE GRAVEL							2	15		
CLAY					YELLOW		15	95		
GRAVEL + CLAY							95	130		
SAND + GRAVEL						SOFT	130	148		
BROKEN LIMESTONE + SHALE							148	162		
SAND + GRAVEL							162	172		
							172	188	Casing Diameter	
							6 in. to	172 ft.	Weight	Hole Diameter
									lbs./ft.	
Open Hole from ft. to ft.										
Screen Make Type										
Diameter Slot/Gauze Length Set Between										
Static Water Level										
90 ft. from Land surface Date Measured 07/31/1968										
PUMPING LEVEL (below land surface)										
98 ft. after hrs. pumping 150 g.p.m.										
Well Head Completion										
Pitless adapter manufacturer Model										
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade										
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)										
Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No										
Nearest Known Source of Contamination										
_feet _direction _type										
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No										
Pump <input type="checkbox"/> Not Installed Date Installed										
Manufacturer's name Model number __ HP 0 Volts										
Length of drop Pipe _ft. Capacity _g.p.m. Type Material										

NO REMARKS

		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/>	
		Yes <input type="checkbox"/> No	
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
First Bedrock		Well Contractor Certification	
Last Strat Unknown deposit type		Aamot Well Co. 27062	
Aquifer Quaternary Undiff.		License Business Name Lic. Or Reg. No.	
Depth to Bedrock ft.			
<b>County Well Index Online Report</b>		<b>208403</b>	
		Printed 5/12/2006 HE-01205-07	



Minnesota Unique Well No.

**208405**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 09/15/1988  
 Update Date 08/14/1991  
 Received Date

Well Name UNIV. OF MN.				Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	235 ft.	235 ft.	03/00/1953	
115	19	W	34				
Subsections	Field Located	MGS					
CCCCD	Elevation	953 ft.					
Well Address				Drilling Method			
ROSEMOUNT MN				Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No		
				From Ft. to Ft.			
Geological Material				Color	Hardness	From	To
CLAY TO NEARLY LOAM						0	140
SANDY CLAY						140	180
SAND-COARSE SAND + GRAVEL						180	195
GRAVEL + LIMESTONE						195	235
				Use	Domestic		
				Casing Type	Joint	Drive Shoe?	<input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.
				Casing Diameter	Weight	Hole Diameter	
				Open Hole from ft. to ft.			
				Screen Diameter	Slot/Gauze	Length	Set Between
				Static Water Level			
				75 ft. from Land surface Date Measured 03/00/1953			
				PUMPING LEVEL (below land surface)			
				ft. after hrs. pumping g.p.m.			
				Well Head Completion			
				Pitless adapter manufacturer Model			
				<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade			
				<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)			
				Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No			
				Nearest Known Source of Contamination			
				_feet _direction _type			
				Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No			
				Pump <input type="checkbox"/> Not installed Date Installed			

NO REMARKS

		Manufacturer's name _____ Model number ___ HP ___ Volts Length of drop Pipe ___ ft. Capacity ___ g.p.m. Type _____ Material _____
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No
		<b>Well Contractor Certification</b> Corcoran Well Co. 19163 License Business Name Lic. Or Reg. No.
First Bedrock Prairie Du Chien Group Last Strat Prairie Du Chien Group	Aquifer Depth to Bedrock 195 ft.	
<b>County Well Index Online Report</b>		<b>208405</b>
		Printed 5/12/2006 HE-01205-07

Minnesota Unique Well No.

**208404**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 09/15/1988  
 Update Date 08/14/1991  
 Received Date

Well Name UNIV. OF MN.				Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	115 ft.	115 ft.	07/30/1959	
115	19	W	34	Drilling Method --			
Subsections BABBDB				Drilling Fluid --			
Field Located Elevation				Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No			
940 ft.				From Ft. to Ft.			
Well Address				Use Domestic			
ROSEMOUNT MN				Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Geological Material				No Above/Below 0 ft.			
		Color	Hardness	From	To		
SAND + GRAVEL				0	35		
SAND				35	50		
SAND + GRAVEL				50	75		
SAND, GRAVEL, CLAY IN LAYERS				75	100		
WATER BEARING SAND				100	115		
Casing Diameter				Weight	Hole Diameter		
4 in. to ft.				lbs./ft.			
Open Hole from ft. to ft.							
Screen Make Type							
Diameter		Slot/Gauze		Length		Set Between	
Static Water Level							
74 ft. from Land surface Date Measured 07/30/1959							
PUMPING LEVEL (below land surface)							
79 ft. after hrs. pumping 28 g.p.m.							
Well Head Completion							
Pitless adapter manufacturer Model							
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade							
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)							
Grouting Information				Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Nearest Known Source of Contamination							
_feet _direction _type							
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Pump				<input checked="" type="checkbox"/> Not Installed Date Installed			

NO REMARKS

		Manufacturer's name _____ Model number ___ HP <u>0</u> Volts Length of drop Pipe ft. Capacity <u>18</u> g.p.m Type _____ Material _____
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No
First Bedrock _____ Last Strat Unknown deposit type	Aquifer Quaternary Undiff. Depth to Bedrock ft. _____	<b>Well Contractor Certification</b> License Business Name _____ Lic. Or Reg. No. _____
<b>County Well Index Online Report</b>		<b>208404</b>
		Printed 5/12/2006 HE-01205-07



### The Minnesota County Well Index



Minnesota Department of Health - Division of Environmental Health - Copyright (C) 2005

Minnesota Unique Well No.

**434005**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 01/04/1993  
 Update Date 05/06/2005  
 Received Date

Well Name U OF M SE COMPLES MW						Well Depth	Depth Completed	Date Well Completed
Township	Range	Dir	Section	Subsections	Field Located	MGS		
115	19	W	35	ACBCCB	Elevation	934 ft.	107 ft.	107 ft. 07/17/1987
Drilling Method Non-specified Rotary								
Well Address						Drilling Fluid		
ROSEMOUNT MN 55068						Additive (+ Bentonite)		
Geological Material						Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No		
SILTY CLAY						From Ft. to Ft.		
SAND						Use Abandoned <input type="checkbox"/> Status Sealed <input type="checkbox"/>		
COARSE GRAVEL						Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/>		
MEDIUM GRAVEL						No Above/Below 2 ft.		
VERY COARSE GRAVEL						Casing Diameter		
LIMESTONE WEATHERED						Weight		
LIMESTONE-DOLOMITE						Hole Diameter		
						4 in. to 97 ft. lbs./ft. 10 in. to 30 ft.		
						8 in. to 107 ft.		
Open Hole from ft. to ft.								
Screen YES Make JOHNSON Type stainless steel								
Diameter Slot/Gauze Length Set Between								
4 10 10 97 ft. and 107 ft.								
Static Water Level								
70 ft. from Land surface Date Measured 07/17/1987								
PUMPING LEVEL (below land surface)								
ft. after hrs. pumping g.p.m.								
Well Head Completion								
Pitless adapter manufacturer Model								
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade								
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)								
Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
Grout Material: Neat Cement from 0 to 48 ft. 1 yds.								
Grout Material: Bentonite from 48 to 84 ft. 1 yds.								
Nearest Known Source of Contamination								
_feet _direction _type								
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No								
Pump <input type="checkbox"/> Not Installed Date Installed								
Manufacturer's name Model number __ HP 0 Volts								
REMARKS								
WELL SEALED 12-05-1998 BY 71677								
ORIGINAL USE MW - MONITOR WELL								

		Length of drop Pipe _ft.	Capacity _g.p.m	Type	Material
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/>			
		Yes <input type="checkbox"/> No			
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No			
		<b>Well Contractor Certification</b>			
First Bedrock	Prairie Du Chien Group	Aquifer	Prairie Du Chien Group	<u>Bergerson-Caswell</u>	27058
Last Strat	Prairie Du Chien Group	Depth to Bedrock	91 ft.	License Business Name	Lic. Or Reg. No.
<b>County Well Index Online Report</b>		<b>434005</b>		Printed 5/12/2006 HE-01205-07	

Minnesota Unique Well No.

**434006**

County Dakota  
 Quad Coates  
 Quad ID 88A

**MINNESOTA DEPARTMENT OF HEALTH  
 WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 1031

Entry Date 01/04/1993  
 Update Date 05/06/2005  
 Received Date

Well Name U OF M RESEARCH MW				Well Depth	Depth Completed	Date Well Completed	
Township	Range	Dir	Section	84 ft.	78 ft.	07/23/1987	
115	19	W	35	Drilling Method Non-specified Rotary			
Subsections BDDDBB				Field Located Elevation 934 ft.			
Well Address				Drilling Fluid Additive (+ Bentonite)		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No	
ROSEMOUNT MN 55068				Use Abandoned		Status Sealed	
Geological Material				Color	Hardness	From	To
SILTY CLAY				BLACK	SOFT	0	20
SAND				BROWN	SOFT	20	40
GRAVEL				BROWN	MEDIUM	40	53
COARSE GRAVEL				GREEN	HARD	53	84
Casing Type				Steel (black or low carbon)	Joint Welded	Drive Shoe?	<input type="checkbox"/> Yes <input type="checkbox"/> No
No Above/Below 2.5 ft.				Casing Diameter			
				Weight	Hole Diameter		
				4 in. to 68 ft.	lbs./ft.	10 in. to 27 ft.	
						8 in. to 80 ft.	
Open Hole				from ft. to ft.			
Screen YES				Make JOHNSON	Type stainless steel		
Diameter				Slot/Gauze	Length	Set Between	
0				10	10	68 ft. and 78 ft.	
Static Water Level				70 ft. from Land surface Date Measured 07/20/1987			
PUMPING LEVEL (below land surface)				ft. after hrs. pumping g.p.m.			
Well Head Completion				Pitless adapter manufacturer Model			
				<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade			
				<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)			
Grouting Information				Well Grouted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Grout Material: Neat Cement				from 0 to 52 ft.		1.5 yds.	
Nearest Known Source of Contamination				_feet _direction _type			
Well disinfected upon completion?				<input type="checkbox"/> Yes <input type="checkbox"/> No			
Pump				<input type="checkbox"/> Not installed Date Installed			

**REMARKS**  
 WELL SEALED 12-05-1998 BY 71677  
 ORIGINAL USE MW - MONITOR WELL



		Manufacturer's name _____ Model number ____ HP 0 Volts Length of drop Pipe ft. Capacity g.p.m Type Material	
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
First Bedrock Last Strat Gravel (+larger)-green		Aquifer Quat. Buried Unconf. Aquife Depth to Bedrock ft.	
		Well Contractor Certification Bergerson-Caswell License Business Name	
		27058 Lic. Or Reg. No.	
<b>County Well Index Online Report</b>		<b>434006</b>	
		Printed 5/12/2006 HE-01205-07	



### The Minnesota County Well Index



Minnesota Unique Well No.

**425291**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 03/30/1990  
 Update Date: 08/14/1991  
 Received Date:

Well Name U OF M.

Township: 115 Range: 19 Dir: W Section: 36 Subsections: BCBCCC Field Located: MGS Elevation: 930 ft.

Well Depth: 230 ft. Depth Completed: 230 ft. Date Well Completed: 09/17/1986

Drilling Method --

Drilling Fluid: -- Well Hydrofractured?  Yes  No  
 From Ft. to Ft.

Use Test well

Geological Material	Color	Hardness	From	To
CLAY	BROWN	MEDIUM	0	10
GRAVEL	BROWN	MEDIUM	10	89
SANDROCK	YELLOW	HARD	89	92
LIMESTONE	BLUE	HARD	92	110
LIMESTONE	YELLOW	HARD	110	230

Casing Type Joint No Information Drive Shoe?  Yes  No  
 No Above/Below 0 ft.

Casing Diameter: 6 in. to 97 ft. Weight: lbs./ft. Hole Diameter:

Open Hole from 97 ft. to 230 ft.

Screen NO Make Type  
 Diameter Slot/Gauze Length Set Between

Static Water Level  
 80 ft. from Land surface Date Measured 09/17/1986

PUMPING LEVEL (below land surface)  
 95 ft. after hrs. pumping 20 g.p.m.

Well Head Completion  
 Pitless adapter manufacturer Model  
 Casing Protection  12 in. above grade  
 At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well Grouted?  Yes  No

Nearest Known Source of Contamination  
 150 feet direction type  
 Well disinfected upon completion?  Yes  No

<p>NO REMARKS</p>	<p>Pump <input type="checkbox"/> Not Installed Date installed _____</p> <p>Manufacturer's name _____ Model number _____ HP 0 _____ Volts _____</p> <p>Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____</p>
	<p>Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>
	<p>Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>First Bedrock St.Peter Last Strat Prairie Du Chien Group</p>	<p>Aquifer Prairie Du Chien Group Depth to Bedrock 89 ft.</p>
<p><b>Well Contractor Certification</b></p> <p style="text-align: center;"><u>Kimmes-Bauer</u> <span style="float: right;">19521</span></p> <p style="text-align: center;">License Business Name <span style="float: right;">Lic. Or Reg. No.</span></p>	
<p><b>County Well Index Online Report</b></p>	<p><b>425291</b></p>
	<p>Printed 5/12/2006 HE-01205-07</p>

Minnesota Unique Well No.

**227460**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 05/31/1995  
 Update Date 05/31/1995  
 Received Date

<b>Well Name</b> POWER HOUSE "A"							<b>Well Depth</b>	<b>Depth Completed</b>	<b>Date Well Completed</b>											
<b>Township</b>	<b>Range</b>	<b>Dir</b>	<b>Section</b>	<b>Subsections</b>	<b>Field Located</b>	<b>MGS</b>	88 ft.	88 ft.	00/00/1942											
115	19	W	36	BCCDCC	Elevation	922 ft.	<b>Drilling Method</b>													
<b>Geological Material</b> CLAY SAND AND GRAVEL ST. PETER SANDSTONE LIMESTONE  <b>Color</b> YELLOW  <b>Hardness</b>  <table border="1"> <thead> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> </tr> <tr> <td>3</td> <td>85</td> </tr> <tr> <td>85</td> <td>88</td> </tr> <tr> <td>88</td> <td>88</td> </tr> </tbody> </table>							From	To	0	3	3	85	85	88	88	88	<b>Drilling Fluid</b>	<b>Well Hydrofractured?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.		
							From	To												
							0	3												
							3	85												
							85	88												
							88	88												
							<b>Use</b>													
							<b>Casing Type</b>							<b>Joint</b>	<b>Drive Shoe?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Above/Below ft.</b>				
							<b>Casing Diameter</b>			<b>Weight</b>		<b>Hole Diameter</b>								
							<b>Open Hole</b> from ft. to ft.													
<b>Screen</b>																				
<b>Diameter</b>		<b>Slot/Gauze</b>		<b>Length</b>		<b>Set Between</b>														
<b>Static Water Level</b> ft. from Date Measured																				
<b>PUMPING LEVEL (below land surface)</b> ft. after hrs. pumping g.p.m.																				
<b>Well Head Completion</b> Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																				
<b>Grouting Information</b> Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No																				
<b>Nearest Known Source of Contamination</b> _feet _direction _type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																				

<b>REMARKS</b> COMPOSITE OF FIVE DRILL HOLES AT POWER HOUSE "A".	Pump <input type="checkbox"/> Not Installed Date Installed _____ Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____	
	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
	<b>Well Contractor Certification</b> Minnesota Geological Survey MGS License Business Name _____ Lic. Or Reg. No. _____	
First Bedrock St.Peter Last Strat Prairie Du Chien Group	Aquifer Depth to Bedrock 85 ft.	Printed 5/12/2006 HE-01205-07
<b>County Well Index Online Report</b>		<b>227460</b>

Minnesota Unique Well No.

**425293**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 03/30/1990  
 Update Date: 05/06/2005  
 Received Date:

<b>Well Name U OF M.</b>						<b>Well Depth</b>	<b>Depth Completed</b>	<b>Date Well Completed</b>
<b>Township</b>	<b>Range</b>	<b>Dir</b>	<b>Section</b>	<b>Subsections</b>	<b>Field Located</b>	MGS		
115	19	W	36	CBBCCC	Elevation	926 ft.	291 ft.	291 ft. 09/19/1986
<b>Drilling Method</b> -								
<b>Drilling Fluid</b>						<b>Well Hydrofractured?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		
-						From Ft. to Ft.		
<b>Use</b> Abandoned <input type="checkbox"/> Status Sealed <input type="checkbox"/>								
<b>Casing Type</b> Joint <input type="checkbox"/> No Information <input type="checkbox"/> Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No						Above/Below 0 ft.		
<b>Geological Material</b>						<b>Color</b>	<b>Hardness</b>	<b>From To</b>
CLAY					BROWN	HARD	0 10	
GRAVEL					BROWN	HARD	10 71	
SANDROCK					WHITE	HARD	71 94	
LIMESTONE					YELLOW	HARD	94 259	
SANDROCK					YELLOW	MEDIUM	259 291	
<b>Casing Diameter</b>						<b>Weight</b>	<b>Hole Diameter</b>	
8 in. to 94 ft.						lbs./ft.		
4 in. to 271 ft.						lbs./ft.		
<b>Open Hole</b> from 271 ft. to 291 ft.								
<b>Screen NO</b>						<b>Make</b>	<b>Type</b>	
<b>Diameter</b>						<b>Slot/Gauze</b>	<b>Length</b>	<b>Set Between</b>
<b>Static Water Level</b>						65 ft. from Land surface Date Measured 09/19/1986		
<b>PUMPING LEVEL (below land surface)</b>						90 ft. after hrs. pumping 50 g.p.m.		
<b>Well Head Completion</b>						Pitless adapter manufacturer Model		
						<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade		
						<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
<b>Grouting Information</b>						Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Nearest Known Source of Contamination</b>						1000 feet N direction _type		
						Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		

**REMARKS**  
 CASING: 8 TO 94; 4 TO 271.

WELL SEALED 12-05-1998 BY 71677 ORIGINAL USE TW - TEST WELL		Pump <input type="checkbox"/> Not installed Date Installed _____ Manufacturer's name _____ Model number _____ HP 0 Volts Length of drop Pipe _ft. Capacity _g.p.m Type Material _____	
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
First Bedrock St.Peter Last Strat Jordan		Well Contractor Certification Aquifer Jordan Depth to Bedrock 71 ft. Kimmes-Bauer License Business Name	
		Lic. Or Reg. No. 19521	
<b>County Well Index Online Report</b>		<b>425293</b>	
		Printed 5/12/2006 HE-01205-07	



Minnesota Unique Well No.

**425292**

County: Dakota  
 Quad: Vermillion  
 Quad ID: 87B

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

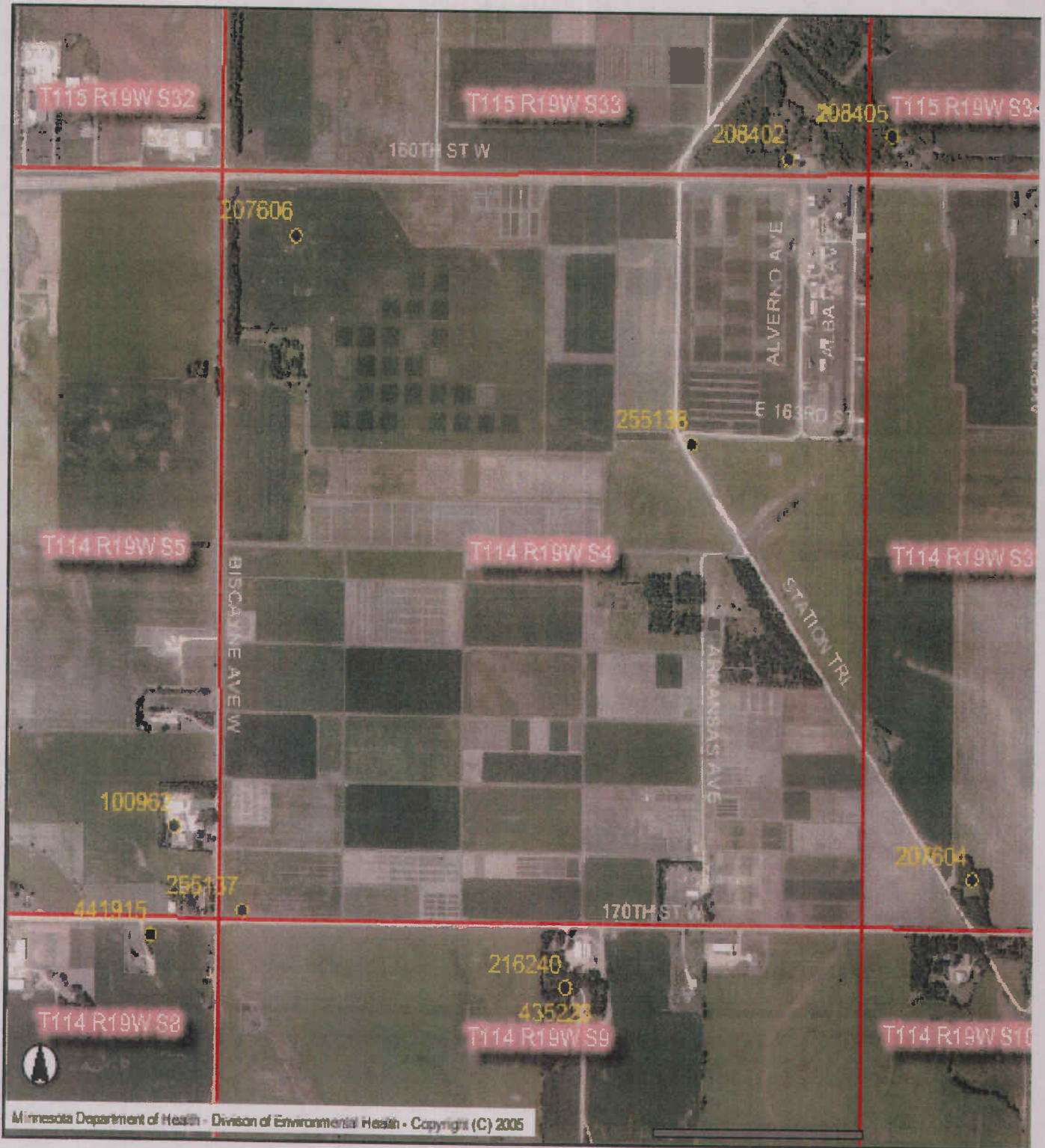
Entry Date: 12/09/1992  
 Update Date: 02/26/2003  
 Received Date:

Well Name U OF M				Well Depth	Depth Completed	Date Well Completed
Township	Range	Dir	Section	230 ft.	230 ft.	09/18/1986
115	19	W	36			
Subsections	Field Located			Drilling Method Non-specified Rotary		
CBCBCB	Elevation 926 ft.					
<b>Geological Material</b> CLAY GRAVEL CLAY LIME				Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No	
				-	From Ft. to Ft.	
Color				Use Test well		
Hardness				Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
From To				No Above/Below 1 ft.		
0 10				Casing Diameter Weight Hole Diameter		
10 75				6 in. to 105 ft. lbs./ft. 12 in. to 105 ft.		
75 99				6 in. to 230 ft.		
99 230				Open Hole from 105 ft. to 230 ft.		
MEDIUM				Screen NO Make Type		
				Diameter Slot/Gauze Length Set Between		
				Static Water Level		
				85 ft. from Land surface Date Measured 09/18/1986		
				PUMPING LEVEL (below land surface)		
				115 ft. after hrs. pumping 50 g.p.m.		
				Well Head Completion		
				Pitless adapter manufacturer Model		
				<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade		
				<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
				Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
				Grout Material: Neat Cement from 0 to 105 ft. 3 yds.		
				Nearest Known Source of Contamination		
				500 feet S direction Septic tank/drain field type		
				Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		

<b>REMARKS</b> GEOLOGICAL SECTIONS CBBC	Pump <input type="checkbox"/> Not Installed Date Installed _____ Manufacturer's name _____ Model number _____ HP <u>0</u> Volts Length of drop Pipe _____ ft. Capacity _____ g.p.m Type _____ Material _____	
	Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well Contractor Certification _____ License Business Name	
First Bedrock Prairie Du Chien Group Last Strat Prairie Du Chien Group	Aquifer Prairie Du Chien Group Depth to Bedrock 99 ft.	_____ Lic. Or Reg. No.
<b>County Well Index Online Report</b>		Printed 5/12/2006 HE-01205-07
		<b>425292</b>



### The Minnesota County Well Index



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Minnesota Unique Well No.

**207606**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 1031

Entry Date 10/19/1990  
 Update Date 02/23/2006  
 Received Date

Well Name DAIRY FARM							Well Depth	Depth Completed	Date Well Completed						
Township	Range	Dir	Section	Subsections	Field Located	MGS	429 ft.	429 ft.							
114	19	W	4	BBACBB	Elevation	954 ft.	Drilling Method --								
<b>Geological Material</b> TOPSOIL SANDY CLAY HARDPAN SANDY CLAY SANDY CLAY FINE ROTTEN SANDROCK FINE DIRTY SAND AND GRAVEL DOLOMITE DOLOMITE STREAKS OF SAND DOLOMITE DOLOMITE (TRACES OF SAND) JORDAN SANDROCK							Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No							
							Use Abandoned			Status Sealed					
							Casing Type	Joint	No Information	Drive Shoe?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Above/Below ft.			
							Casing Diameter	Weight	Hole Diameter						
							Open Hole from ft. to ft.								
							Screen	Make	Type						
							Diameter	Slot/Gauze	Length	Set Between					
							Static Water Level ft. from Date Measured								
							PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.								
							Well Head Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)								
Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No															
Nearest Known Source of Contamination _feet _direction _type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No															
Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model number __ HP _ Volts Length of drop Pipe _ft. Capacity _g.p.m Type Material															

**REMARKS**  
 WELL SEALED 10-09-1996 BY 19521.  
 ORIGINAL USE PS - PUBLIC SUPPLY/NON-COMMUNITY.

		<b>Abandoned Wells</b> Does property have any not in use and not sealed well(s)? <input type="checkbox"/>	
		Yes <input type="checkbox"/> No	
<b>First Bedrock</b> Prairie Du Chien Group		<b>Variance</b> Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Last Strat</b> Jordan		<b>Well Contractor Certification</b>	
<b>Aquifer</b>		License Business Name	
<b>Depth to Bedrock</b> 162 ft.		Lic. Or Reg. No.	
<b>County Well Index Online Report</b>		<b>207606</b>	
		Printed 5/12/2006 HE-01205-07	

Minnesota Unique Well No.

**255138**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 04/22/2003  
 Update Date 05/13/2003  
 Received Date

Well Name						Well Depth	Depth Completed	Date Well Completed					
Township	Range	Dir	Section	Subsections	Field Located	ft.	ft.						
114	19	W	4	ACAD	Elevation	948 ft.							
Drilling Method						Drilling Fluid							
Geological Material                      Color                      Hardness                      From                      To						Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No							
						From Ft. to Ft.							
						Use							
						Casing Type    Joint    Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.							
						Casing Diameter			Weight		Hole Diameter		
						Open Hole from ft. to ft.							
						Screen Diameter		Slot/Gauze		Length		Set Between	
						Static Water Level							
						ft. from    Date Measured							
						PUMPING LEVEL (below land surface)							
ft. after    hrs. pumping    g.p.m.													
Well Head Completion													
Pitless adapter manufacturer    Model													
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade													
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)													
Grouting Information    Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No													
Nearest Known Source of Contamination													
_feet    _direction    _type													

NO REMARKS

Well disinfected upon completion?  Yes  No

Pump  Not Installed Date Installed

Manufacturer's name Model number \_\_\_ HP \_\_\_ Volts

Length of drop Pipe \_\_\_ ft. Capacity \_\_\_ g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)?

Yes  No

Variance Was a variance granted from the MDH for this well?  Yes  No

Well Contractor Certification

License Business Name

Lic. Or Reg. No.

First Bedrock

Aquifer

Last Strat

Depth to Bedrock ft.

County Well Index Online Report

255138

Printed 5/12/2006  
HE-01205-07

Minnesota Unique Well No.

**255137**

County: Dakota  
 Quad: Coates  
 Quad ID: 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date: 04/22/2003  
 Update Date: 05/13/2003  
 Received Date:

Well Name							Well Depth	Depth Completed	Date Well Completed			
Township	Range	Dir	Section	Subsections	Field Located	Elevation	ft.	ft.				
114	19	W	4	CCCC		954 ft.						
Geological Material  Color  Hardness  From  To							Drilling Method					
							Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.			
							Use					
							Casing Type		Joint	Drive Shoe?	<input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.	
							Casing Diameter		Weight	Hole Diameter		
							Open Hole			from ft. to ft.		
							Screen Diameter		Slot/Gauze	Length	Set Between	
							Static Water Level			ft. from Date Measured		
							PUMPING LEVEL (below land surface)			ft. after hrs. pumping g.p.m.		
							Well Head Completion			Pitless adapter manufacturer Model		
			<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)									
Grouting Information			Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No									
Nearest Known Source of Contamination			_feet _direction _type									



NO REMARKS

Well disinfected upon completion?  Yes  No

Pump  Not Installed Date Installed

Manufacturer's name Model number HP Volts

Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)?

Yes  No

Variance Was a variance granted from the MDH for this well?  Yes  No

Well Contractor Certification

License Business Name

Lic. Or Reg. No.

First Bedrock

Aquifer

Last Strat

Depth to Bedrock ft.

County Well Index Online Report

255137

Printed 5/12/2006

HE-01205-07



The Minnesota County Well Index





### The Minnesota County Well Index



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Minnesota Unique Well No.

**255139**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

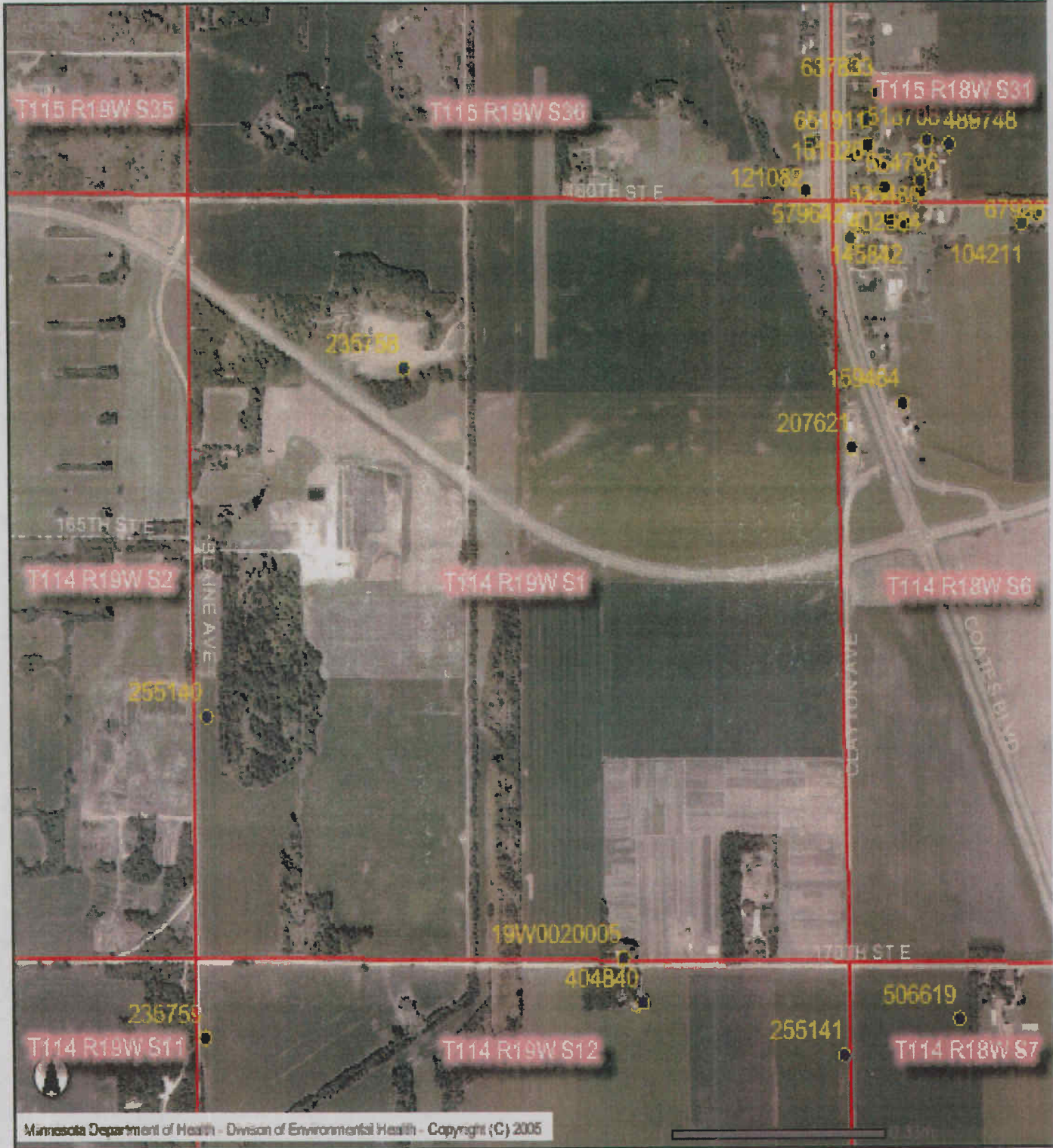
Entry Date 04/22/2003  
 Update Date 05/13/2003  
 Received Date

Well Name							Well Depth	Depth Completed	Date Well Completed
Township	Range	Dir	Section	Subsections	Field Located	Elevation	ft.	ft.	
114	19	W	2	CCCC		941 ft.			
Geological Material                      Color                      Hardness                      From                      To							Drilling Method		
							Drilling Fluid		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.
							Use		
							Casing Type    Joint    Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No    Above/Below    ft.		
							Casing Diameter		Weight                      Hole Diameter
							Open Hole    from ft. to    ft.		
							Screen Diameter		Slot/Gauze                      Length                      Set Between
							Static Water Level ft. from    Date Measured		
							PUMPING LEVEL (below land surface) ft. after    hrs. pumping    g.p.m.		
							Well Head Completion Pitless adapter manufacturer                      Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
Grouting Information    Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No									
Nearest Known Source of Contamination _feet    _direction    _type									

<p style="text-align: center;">NO REMARKS</p>	<p>Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p>Pump <input type="checkbox"/> Not Installed Date Installed _____                  Manufacturer's name _____ Model number _____ HP _____ Volts _____                  Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____</p> <hr/> <p>Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/>                  Yes <input type="checkbox"/> No</p> <hr/> <p>Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p><b>Well Contractor Certification</b></p> <p style="text-align: center;">License Business Name _____ Lic. Or Reg. No. _____</p>
<p>First Bedrock _____ Aquifer _____                  Last Strat _____ Depth to Bedrock ft. _____</p>	<p><b>County Well Index Online Report</b> <span style="float: right;">255139</span></p> <p style="text-align: right; font-size: small;">Printed 5/12/2006 HE-01205-07</p>



The Minnesota County Well Index



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Minnesota Unique Well No.

**235758**

County **Dakota**  
 Quad **Coates**  
 Quad ID **88A**

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date **04/22/2003**  
 Update Date **01/18/2005**  
 Received Date

<b>Well Name</b>						<b>Well Depth</b> ft.	<b>Depth Completed</b> ft.	<b>Date Well Completed</b>																																																		
<b>Township</b> 114	<b>Range</b> 19	<b>Dir</b> W	<b>Section</b> 1	<b>Subsections</b> BACDCA	<b>Field Located</b> Elevation 915 ft.	<b>Drilling Method</b>																																																				
<table border="1"> <thead> <tr> <th>Geological Material</th> <th>Color</th> <th>Hardness</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Geological Material	Color	Hardness	From	To																																														<b>Drilling Fluid</b>	<b>Well Hydrofractured?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.	
						Geological Material	Color	Hardness	From	To																																																
<b>Use</b>																																																										
<b>Casing Type</b>						<b>Joint</b>	<b>Drive Shoe?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Above/Below</b> ft.																																																		
<b>Casing Diameter</b>						<b>Weight</b>	<b>Hole Diameter</b>																																																			
<b>Open Hole</b> from ft. to ft.																																																										
<b>Screen Diameter</b>						<b>Slot/Gauze</b>	<b>Length</b>	<b>Set Between</b>																																																		
<b>Static Water Level</b> ft. from Date Measured																																																										
<b>PUMPING LEVEL (below land surface)</b> ft. after hrs. pumping g.p.m.																																																										
<b>Well Head Completion</b> Pitless adapter manufacturer Model																																																										
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade																																																										
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																																																										
<b>Grouting Information</b>						<b>Well Grouted?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No																																																				
<b>Nearest Known Source of Contamination</b> _feet _direction _type																																																										

NO REMARKS		Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Pump <input type="checkbox"/> Not Installed Date Installed _____ Manufacturer's name _____ Model number ___ HP ___ Volts Length of drop Pipe ___ ft. Capacity ___ g.p.m. Type _____ Material _____	
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
First Bedrock _____ Aquifer _____ Last Strat _____ Depth to Bedrock ft. _____		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Well Contractor Certification License Business Name _____ Lic. Or Reg. No. _____	
County Well Index Online Report		235758	Printed 5/12/2006 HE-01205-07



Minnesota Unique Well No.

**255140**

County Dakota  
 Quad Coates  
 Quad ID 88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date 04/22/2003  
 Update Date 05/13/2003  
 Received Date

<b>Well Name</b>						<b>Well Depth</b> ft.	<b>Depth Completed</b> ft.	<b>Date Well Completed</b>																																																		
<b>Township</b> 114	<b>Range</b> 19	<b>Dir</b> W	<b>Section</b> 1	<b>Subsections</b> CBCB	<b>Field Located</b> Elevation	928 ft.																																																				
<b>Drilling Method</b>						<b>Drilling Fluid</b>																																																				
<table border="1"> <thead> <tr> <th>Geological Material</th> <th>Color</th> <th>Hardness</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Geological Material	Color	Hardness	From	To																																														Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.		
						Geological Material	Color	Hardness	From	To																																																
<b>Use</b>						<b>Casing Type</b> Joint Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.																																																				
<b>Casing Diameter</b>						<b>Weight</b>	<b>Hole Diameter</b>																																																			
<b>Open Hole</b> from ft. to ft.						<b>Screen Diameter</b> <b>Slot/Gauze</b> <b>Length</b> <b>Set Between</b>																																																				
<b>Static Water Level</b> ft. from Date Measured						<b>PUMPING LEVEL (below land surface)</b> ft. after hrs. pumping g.p.m.																																																				
<b>Well Head Completion</b> Pitless adapter manufacturer Model						<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade																																																				
						<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																																																				
<b>Grouting Information</b>						Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No																																																				
<b>Nearest Known Source of Contamination</b> _feet _direction _type																																																										

<p style="text-align: center;">NO REMARKS</p>	<p>Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p>Pump <input type="checkbox"/> Not Installed Date Installed _____                  Manufacturer's name _____ Model number _____ HP _____ Volts _____                  Length of drop Pipe _____ ft. Capacity _____ g.p.m. Type _____ Material _____</p> <hr/> <p>Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/>                  Yes <input type="checkbox"/> No</p> <hr/> <p>Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p>Well Contractor Certification                  License Business Name _____ Lic. Or Reg. No. _____</p>
<p>First Bedrock _____ Aquifer _____                  Last Strat _____ Depth to Bedrock _____ ft.</p>	<p><b>County Well Index Online Report</b>      <b>255140</b>      Printed 5/12/2006                  HE-01205-07</p>

Minnesota Unique Well No.

**19W0020005**

County     Dakota  
 Quad       Coates  
 Quad ID    88A

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 103I

Entry Date     04/22/2003  
 Update Date   01/07/2005  
 Received Date

<b>Well Name</b>						<b>Well Depth</b> ft.	<b>Depth Completed</b> ft.	<b>Date Well Completed</b>							
<b>Township</b> 114	<b>Range</b> 19	<b>Dir</b> W	<b>Section</b> 1	<b>Subsections</b> DCDCCD	<b>Field Located</b> Elevation     928 ft.	<b>Drilling Method</b>									
<b>Geological Material</b>						<b>Drilling Fluid</b>	<b>Well Hydrofractured?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft.								
						<b>Color</b>						<b>Use</b>			
						<b>Hardness</b>						<b>Casing Type</b> <b>Joint</b> <b>Drive Shoe?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No   Above/Below ft.			
						<b>From</b>						<b>Casing Diameter</b>	<b>Weight</b>	<b>Hole Diameter</b>	
						<b>To</b>						<b>Open Hole</b> from ft. to ft.			
						<b>Screen</b>						<b>Screen Diameter</b>	<b>Slot/Gauze</b>	<b>Length</b>	<b>Set Between</b>
						<b>Static Water Level</b>						ft. from Date Measured			
						<b>PUMPING LEVEL (below land surface)</b>						ft. after hrs. pumping g.p.m.			
						<b>Well Head Completion</b>						Pitless adapter manufacturer   Model			
												<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade			
						<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)									
<b>Grouting Information</b>						Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No									
<b>Nearest Known Source of Contamination</b>						_feet _direction _type									

<p style="text-align: center;">NO REMARKS</p>	<p>Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>First Bedrock _____ Aquifer _____                  Last Strat _____ Depth to Bedrock ft. _____</p>	<p><b>Pump</b> <input type="checkbox"/> Not Installed Date Installed _____                  Manufacturer's name _____ Model number _____ HP _____ Volts _____                  Length of drop Pipe ft. Capacity g.p.m. Type _____ Material _____</p>
	<p><b>Abandoned Wells</b> Does property have any not in use and not sealed well(s)? <input type="checkbox"/>                  Yes <input type="checkbox"/> No</p>
	<p><b>Variance</b> Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
	<p><b>Well Contractor Certification</b>                  License Business Name _____ Lic. Or Reg. No. _____</p>
<p><b>County Well Index Online Report</b></p>	<p style="font-size: 1.2em; font-weight: bold;">19W0020005</p> <p style="text-align: right; font-size: 0.8em;">Printed 5/12/2006 HE-01205-07</p>