7539

RECEIVED-DNR
OCT 6 2016
DRINKING WATER & GW

Return completed forms to:
State of Wisconsin, Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

Non-Potable High Capacity Well Approval Request

Form 3300-295 (R 5/14)

Notice: Prior department approval is required for the construction, reconstruction or operation of a non-potable high capacity well or system of non-potable high capacity wells in accordance with Section NR 812.09(4)(a), Wis. Adm. Code. Use this form to request an approval for installation of a well or wells on a high capacity property or to modify a well on a high capacity property. Personally identifiable information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law (s.19.31-19.39, Wis. Stats.).

1. Applicant Information

Owner (Name of Person and Title)		Company		
Paul Roberts, President		Roberts Irrigation Company, Inc.		
Street Address		City	State	ZIP Code
PO Box 490, 1500 Post Road		Plover	WI	54467
Phone Number (include area code)	Fax Number	Email Address		
715 344 4747	715 344 4505	proberts@callroberts.com		

2. Owner Information (if different than applicant)

Owner (Name of Person and Title)		Company		
		Mortenson Bros. Farm, Inc. (3)		
Street Address		City	State	ZIP Code
PO Box 158		Plainfield	wi	54966
Phone Number (include area code)	Fax Number	Email Address		

3. Operator Information

Operator, if different than owner (Name of Person and Title)		Company		
Street Address		City	State	ZIP Code
Phone Number (include area code)	Fax Number	Email Address		

4. Submittal Purpose

Check all that apply

- ☒ Install one or more new wells with a capacity greater than 70 gallons per minute.
- ☐ Install one or more new wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Replace one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Replace one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Reconstruct one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Reconstruct one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Increase pumping rate in one or more wells to a rate greater than previously approved.
- ☐ Renew a previous approval that has expired.
- ☒ Other, explain

Update land ownership information if not already done. Land in the South 1/2 of section 27 is owned by Mortenson Holdings, LLC. Land in the North 1/2 of section 27 is owned by Clearwater Ag, LLC. Well 2967, NO802 is on Clearwater Ag property.

5. Project Description

Provide a brief description of the proposed project. Include number of acres and expected crop rotation for agricultural irrigation wells.

Add a water supply well for a center pivot system on 80 acres that does not currently have it's own supply well.

6. Required Enclosures

- ☒ Non-Potable High Capacity Well Application Form.
- ☒ Aerial or Plat Map with property boundaries outlined.
- ☐ Variance Request, if needed (Form 3300-210)
- ☒ $500 application fee (See s. 281.34 (2), Wis. Stats.)
- ☒ Well Construction Reports (if available) for existing wells.

Return completed forms to:

State of Wisconsin, Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

Non-Potable High Capacity Well Approval Request

Form 3300-295 (R 5/14)

Notice: Prior department approval is required for the construction, reconstruction or operation of a non-potable high capacity well or system of non-potable high capacity wells in accordance with Section NR 812.09(4)(a), Wis. Adm. Code. Use this form to request an approval for installation of a well or wells on a high capacity property or to modify a well on a high capacity property. Personally identifiable information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law (s.19.31-19.39, Wis. Stats.).

Applicant Information

Application Prepared By (Name and Title)	Company
Paul Roberts, President	Roberts Irrigation Company, Inc.

Property Information

Property owner, if different than applicant (Name of Person and Title)	Company

County	Town	Range	Section	High Capacity Well File No. (if applicable)
Portage	22 N	07 ◉East ○West	26	50-1-388

Yes No

○ ◉ Is a proposed well within 1,200 feet of a landfill? Landfill location: (Township/Range/Section): T R S

○ ◉ Are you aware of any existing well installations on the high capacity property that are out of compliance with Chapter NR 812, Wisconsin Administrative Code? If yes, please attach a description of the non-complying wells.

Existing Well Information

Enter the following information for all **existing** wells on the property and any contiguous property owned by the applicant.
Note: Applications are not complete unless they specify water use, pump capacities and GPS locations of existing wells.

Well Name and/or Number assigned by Owner	Water Use Code(s)	High Capacity Well Number	Pump Capacity (gpm)	Existing Well Coordinates Decimal Degrees Preferred (e.g. 45.1234, -89.1234) Latitude	Longitude	WUWN or WCR Image File # (if known)
	IR10	72167	1200	44 21.325	89 38.858	WU645
	IR10	72168	1000	44 21.296	89 39.788	WU648
				44.3554	-89.6476	
				44.3549	-89.6631	

Additional Project Information

Please include any additional relevant information regarding this project such as existing wells to be abandoned, proposed non-standard construction methods or pending ownership changes

Non-Potable High Capacity Well Approval Request

Form 3300-295 (R 5/14)

Proposed Well Information

Enter the following information for all proposed wells on the property. If more than two wells or alternate construction, submit additional sheets.

Well Location and Usage

Well Name Assigned by Well Owner (North Well, etc.):	Timm 80	
Town/Range/Section:	NW¼ SW¼ 26 S 22 T 07 R E	¼ ¼ S T R
Latitude :	44.3557	
Longitude:	89.6473	
Water Use Code (e.g. IR10):	IR10 Agricultural irrigation	
Proposed Maximum Water Usage Per Day in Gallons:	1440000	
Proposed Maximum Water Usage Per Month in Gallons:	43200000	
Months of Operation (e.g. May - Sept):	April-Oct	
Proposed Pump Type & Capacity(gpm):	Turbine, 1000gpm	
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Top	
Discharge Location (Building Pressure Tank, Pond, etc.):	Center pivot	
Distance and Direction to Nearest Public Utility Well & Well Name:		
Distance to Other Potential Contaminant Sources:		

Well Construction

Drilling Method(s) (Rotary, Percussion, Etc.):	Dual Rotary	
Anticipated Geological Materials and Depths that are expected during drilling:		
Material and Depth Interval:	sand & gravel from 0 ' to 90 '	from 0 ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Drillhole Diameter and Anticipated Depth Intervals:		
Diameter and Depth Interval:	16" from 0 ' to 90 '	from 0 ' to '
Diameter and Depth Interval:	from ' to '	from ' to '
Permanent Casing or Liner Material , If Used:		
Diameter and Wall Thickness	16 " dia .375 " thick from 0 ' to 60 '	" dia " thick from 0 ' to '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Casing Material and Joints (Welded, T and C, etc.):	steel, welded	
Weight at Depth Interval	lbs/foot 0 ' to '	lbs/foot 0 ' to '
Weight at Depth Interval	lbs/foot ' to '	lbs/foot ' to '
Screen Material and Casing to Screen Joint (Welded, T and C, K Packer, etc.)	steel, k-packer	
Screen Slot Size in Inches and Depth Interval or N/A if none:	40 slot johnson from 60 ' to 90 '	from ' to '
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	mounded bentonite / 0 ' to 30 '	/ 0 ' to '

Applicant Signature

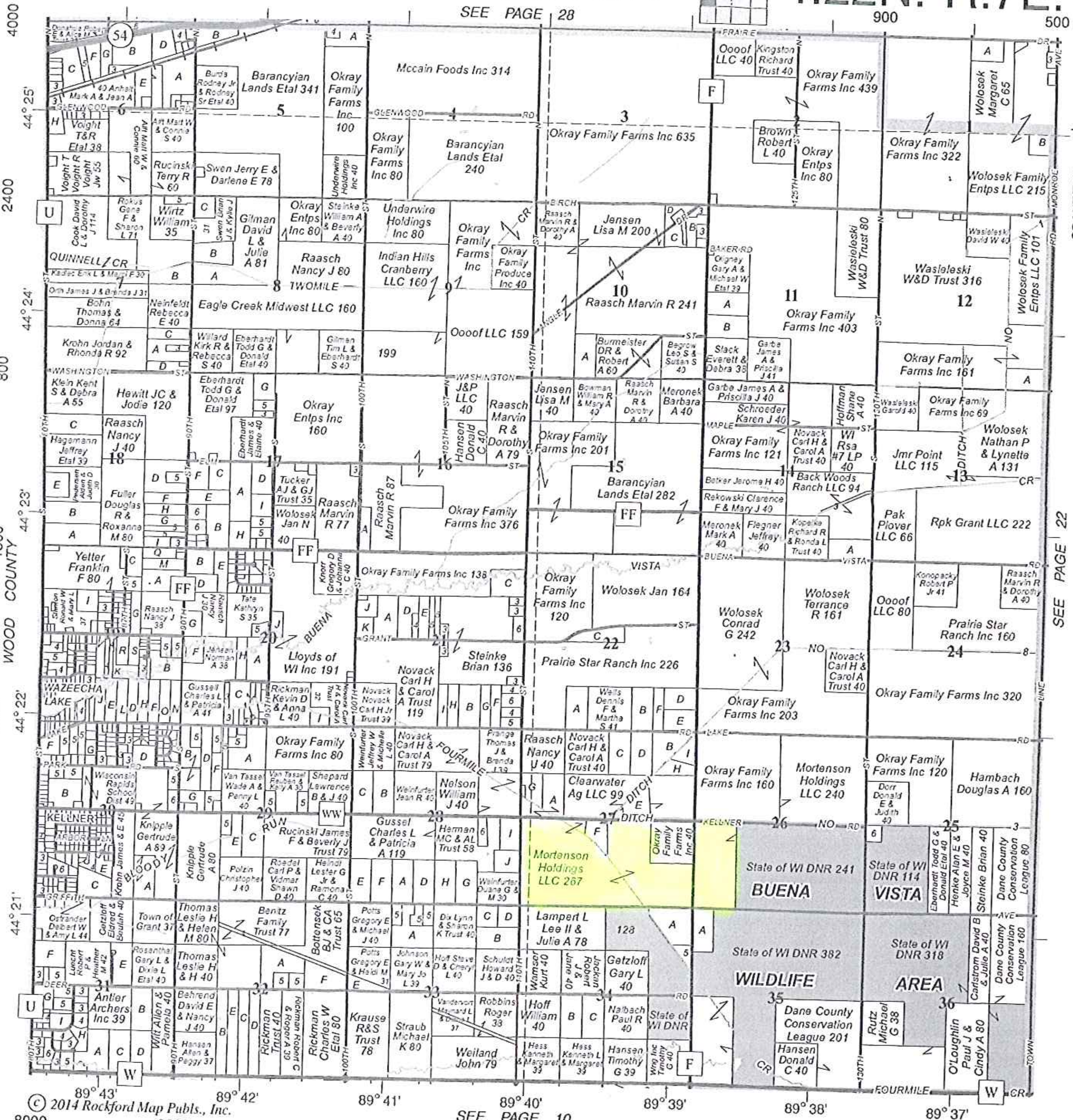
Name – Print Paul Roberts		Select One: ○ Owner ◉ Agent of Owner
Signature	Company Roberts Irrigation Company	Date 10-3-2016

By signing this form, the person certifies that to the best of his or her knowledge, all information in the application is accurate and correct. Unsigned or incomplete applications will not be approved

NORTH PART **GRANT** SOUTHWEST PART **PLOVER**

Refer to page 79 for keyed parcels

T.22N.-R.7E.



© 2014 Rockford Map Publs., Inc.

PRAIRIE STAR RANCH, INC.

FARM FRESH POTATOES AVAILABLE AUGUST-DECEMBER

RANCHEROS★ BRAND PRODUCE

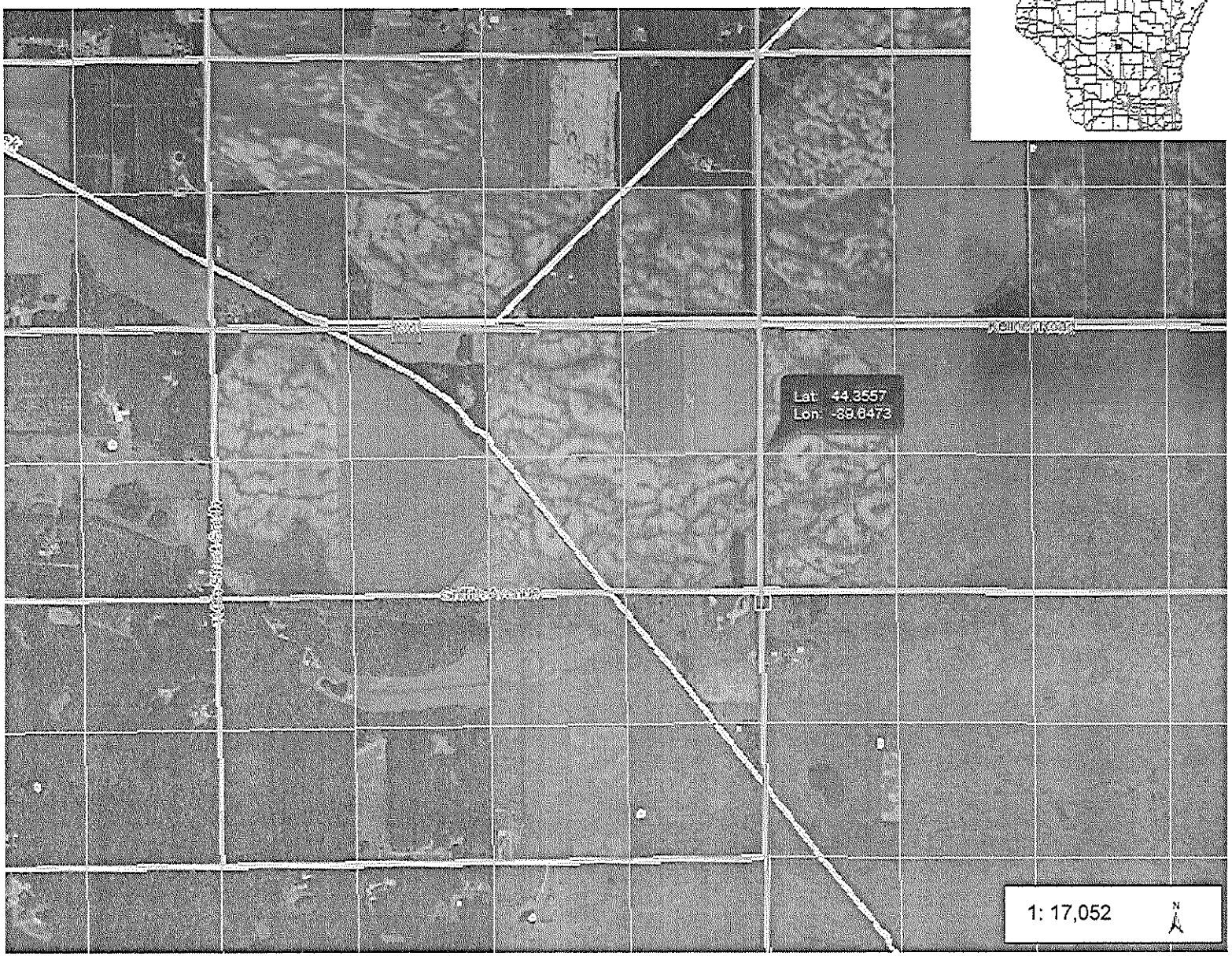
5554 Monroe Avenue
Plover, Wisconsin 54467

Business:
(715) 344-5777

I support 4-H

Protected Under 18 USC 707

Proposed Well



Legend

- Quarter-Quarter
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water

Notes

0.5 0 0.27 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

© Latitude Geographics Group Ltd.

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completemenss, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/legal/

FILE 50 - 1 - 388 Property Class Irrigation Well Use Agricultural irrigation

Owner 1547 007
DEMETER AGRICULTURAL PROPERTIES II LLC
2004 FOX DRIVE
CHAMPAIGN IL 61826
Phone 217 359 3300

Operator 30 007
MORTENSON BROTHERS FARM INC
PO BOX 158
PLAINFIELD WI 54966
Phone 715 335 4912

LOCATION

Region West Central Region
MajorBasin Mississippi River
County Portage Civil Town GRANT(NORTH PART)

Govt Lot ____ or SE 1/4 of the SE 1/4
Sec. 27 , T 22 , Rg. 7 E/W E

Street
Mailing City
File Location 50 - 1 - 388
PWS ID

Well Numbers High Cap # 72167
WUWN WCR WU645
WUWN GRN WU645
Image file

Approved Capacity 1,200 GPM
Normal Pumpage 864,000GPD
Max pumpage 1,728,000GPD
Status APPROVED with well report

Approved 06/13/2012
Completed 06/14/2012
WaterUse Agricultural irrigation

General Well Information Drilled by: ROBERTS IRRIGATION 3262 Gravel Pack Y
Total Depth ft 93.0 Drill Method: Co Apprvl # 388 Screened? Y
Feet to rock Aquifer Sand/Gravel Screen Type
First Rock is Multiple Aquifers? Seal Material Drilling Mud and Cuttings

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness	
Surface Sand	
Surface Clay	
Devonian	
Silurian	
Maquoketa	
Sinnippe	
Ancell	
Prairie du Chien	
Cambrian	
Precambrian	

Upper Drillhole Diameter	
Upper Drillhole Depth-Ft	
Lower Drillhole Diameter	30.0
Lower Drillhole Length	93.0
More than 2 Drillholes?	
Primary Casing Diameter	
Primary Casing Depth	73.0
Liner Casing Diameter	16.0
Liner Casing Length	
Liner Casing Depth	

Screen Diameter	16.0
Screen Length	20.0
Sealing Material Depth	61.0
Hours of Yield Test	1.0
GPM of Yield Test	1,050.0
Static Water (feet)	6
Pumping Water Level (ft)	19
Specific Capacity(GPM/Ft)	80.8
WGNHS Log No.	

FILE 50 - 1 - 388 Property Class Irrigation Well Use Agricultural irrigation

Owner 1547 006
DEMETER AGRICULTURAL PROPERTIES II LLC
2004 FOX DRIVE
CHAMPAIGN IL 61826
Phone 217 359 3300

Operator 30 006
MORTENSON BROTHERS FARM INC
PO BOX 158
PLAINFIELD WI 54966
Phone 715 335 4912

LOCATION
Region West Central Region
MajorBasin Mississippi River
County Portage Civil Town GRANT(NORTH PART)

Govt Lot ____ or ____ 1/4 of the SW 1/4
Sec. 27 , T 22 , Rg. 7 E/W E

Street
Mailing City
File Location 50 - 1 - 388
PWS ID

Well Numbers High Cap # 72168
WUWN WCR WU648
WUWN GRN WU648
Image file

Approved Capacity 1,000 GPM
Normal Pumpage 720,000GPD
Max pumpage 1,440,000GPD
Status APPROVED with well report

Approved 06/13/2012
Completed 06/18/2012
WaterUse Agricultural irrigation

General Well Information Drilled by: ROBERTS IRRIGATION 3262 Gravel Pack Y
Total Depth ft 71.0 Drill Method: Co Apprvl # 388 Screened? Y
Feet to rock Aquifer Sand/Gravel Screen Type
First Rock is Multiple Aquifers? Seal Material Drilling Mud and Cuttings

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness
Surface Sand
Surface Clay
Devonian
Silurian
Maquoketa
Sinnippe
Ancell
Prairie du Chien
Cambrian
Precambrian

Upper Drillhole Diameter	
Upper Drillhole Depth-Ft	
Lower Drillhole Diameter	30.0
Lower Drillhole Length	71.0
More than 2 Drillholes?	
Primary Casing Diameter	
Primary Casing Depth	41.0
Liner Casing Diameter	16.0
Liner Casing Length	
Liner Casing Depth	

Screen Diameter	16.0
Screen Length	30.0
Sealing Material Depth	30.0
Hours of Yield Test	1.0
GPM of Yield Test	1,000.0
Static Water (feet)	9
Pumping Water Level (ft)	20
Specific Capacity(GPM/Ft)	90.9
WGNHS Log No.	