

## Well Details

### Help

Permit Number: 24319  
 Well Number: 2123103  
 County: \* EMMET  
 Well Status: \* Retired  
 Geosam Reviewed:

### Other Well Users

There are currently no other well users.

### Previous Owners

There is currently no owner history.

### Current Property Owner Information

Name (F/M/L): \*     
 Company: \* Emmet County Conservation  
 Street: \* 2109 Murray Rd  
 City: \* Estherville State: \* Iowa Zip: \* 51334  
 Phone: (  )  -

### Well Location

If you intend to input 'GPS Readings', Please click on 'Populate PLS' button after you complete entering valid Lat/Long values.

Map Type: \*  Get Map  GPS Readings  
 Latitude \* 43.30513 Longitude: \* -94.7009   
 PLS: NW1/4, NE1/4, SE1/4, Sec 14, T 98, R 33W  
 Section : 14 Township : 98 Range : 33 RangeDir : W  
 Qtr Sec 3: NW Qtr Sec 2: NE Qtr Sec 1: SE  
 Parcel Number:   
 E911 House Number: 2351 E911 Street: 450th Ave E911 City:

### Well Details

Date Completed: \* 12 / 16 / 2006  
 Date Completed Confidence: \*  Known  Questionable  Guess  
 Samples have been submitted to IGS for analysis:   
 Well Depth: \* 394  
 Well Depth Confidence: \*

### \* Well Use

Household  
 Livestock  
 Subdivision  
 Commercial  
 Irrigation  
 Recreational

Known 
  Questionable 
  Guess 
  Dewatering  
 Injection  
 Test (water only)  
 Monitoring  
 Heat Pump

**Depth to Water:**   
**Topography:** -- Select Topography --  
**Elevation:**   
**Construction Method: \*** Rotary Drill  
**Data Entered By:** jneary  
**Well Driller: \***  QUASTAD, JEFF - 4624  
**Contract Company:** Quastad Drilling and Repair - Estherville

**Descriptor: \***   
**Number of Wells: \***

**Well Developed**

**Well Was:** Pumped  
**For:** 10 hours  
**At:** 33 GPM  
**Explain:**

**Pump Installed**

Yes  No

**Well Formation Log**

From	To	Lithology	Color	Comments
0	2	soil or fill	Black	
2	24	clay	Brown	
24	124	clay	Gray/Bluish	
124	138	sand and gravel	Gray/Bluish	
138	156	clay	Gray/Bluish	
156	159	sand and gravel	Gray/Bluish	
159	245	clay	Gray/Bluish	
245	280	sandy clay	Gray/Bluish	
280	356	clay	Gray/Bluish	
356	378	sandy clay	Gray/Bluish	
378	410	sandstone	Gray	

Remarks: (Including depth of drilling, fluids, materials, or tools, etc.)

0 characters entered. | 250 characters remaining.

**Well Construction Log**

**Hole Size**

Top	Bottom	Hole Size	Comments
0	410	8.75	

**Casing**

Casing Type	Top	Bottom	Diameter	ID/OD	STD/Thickness	Comments
PVC	2	249	5	-- ID/OD --		
PVC	249	389	5	-- ID/OD --		

**Grout**

Grouting Type	Grouting Method	Top	Bottom	Amount	Comments
Bentonite	Tremie	0	175	728 -- Unit --	
Bentonite	Tremie	0	175	60 -- Unit --	

**Well Screen**

Material	Diameter	Slot Size	Top	Bottom	Comments
Stainless Steel	5	0.025	389	394	

**Bottom Capped**

Yes  No

Capping Material: \*

**Gravel Pack**

Top	Bottom	Gravel Type	Weight	Comments
175	400	-- Gravel Type --	3	concrete sand

**Seals and Packers**

Seals Type/Depth  /  ft

Packers Type/Depth  /  ft

**Well Water Information**

Aquifer:

Main Water Supply Zone: From  ft To  ft

Static Water Level:  ft  Above  Below GL

Pumping Water Level:  ft below GL

A Yield of:  GPM

Measurements Taken at:    /  /

**Renovations**

There are currently no results.

**Water Tests**

There are currently no results.