

64074

DNR Iowa Department of Natural Resources

WELL RECORD FORM

Geological and Water Survey

PWTS No. or PWS No. \_\_\_\_\_ PWTS Permit No. \_\_\_\_\_ GEOSAM Well No. \_\_\_\_\_

**Site Identification**  
 Property owner City of Lake View Other ID Well #4  
 Address 305 Main Street City Lake View  
 Tenant City of Lake View  
 Well depth 70 ft Date completed 4 / 16 / 1993

**Drill Method**  Rotary  Auger  Cable  Other \_\_\_\_\_

**Hole size**  
 30 inch from 0 ft to 70 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location** County Sac  
 GPS coordinates (NAD83 datum)  
42.3043250 Latitude -95.0494440 Longitude  
 Decimal Degrees  Degrees, Decimal Minutes  Degrees, Minutes, Seconds  
SE 1/4 of the SW 1/4 of the NW 1/4 of Sec 33 TWP 87 RNG 36 E W  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

**Casing or Loop Pipe**  
 Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Reamed	Slot Size	Screen
12	Steel Casing	10'	25'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
12	SST Screen	39'	59'	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>0.100"</u>
12	Steel Sump	59'	70'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

**Casing Grout** Placement method Tromle

Type	Depth top	Depth bottom
Neat Cement	10'	25'

**Formation Log**

From	To	Color	Hardness	Formation description
0	2	Brown		Fill material
2	8	Brown		Clay w/rocks
8	40	Tan		Large gravel w/rocks
40	62	Gray		Gravel w/sand & large rocks
62	67	Gray		Sandy clay
67	72	Gray		Sand

**Pump Installation** Date 4 / 17 / 1993  
 Type of pump Submersible Depth to intake 61 ft  
 Pump diameter 7 in Rated capacity 400 GPM

**Water Information** Date 4 / 17 / 1993  
 Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
<u>20</u> ft	<u>26</u> ft	<u>653</u> GPM	<u>10.00</u> hrs

Water level measurement:  Sonic  Tapo  Airline  E-line  Estimate  
 Water yield measurement:  Office  Volumetric  Estimate  
 Main water-supply zone from 40 ft to 62 ft below GL

**Well Development**  
 Physical explain: Surge block, baller, rawhide pumping, etc.  
 Chemical explain: \_\_\_\_\_

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
 \_\_\_\_\_

**Well Use**  
 Domestic  Public supply  Livestock  
 Heat pump  Commercial  Irrigation  
 # of borehole(s) \_\_\_\_\_  Monitoring  Other \_\_\_\_\_

**Contractor**  
 Company Layne-Western  
 Address 25450 HWY 275, Valley, NE 68064  
 Driller Dave Deaver Certification no. \_\_\_\_\_  
 Revision Date: 10/2011

Send form to Iowa Department of Natural Resources -- Geological and Water Survey  
109 Trowbridge Hall, Iowa City, IA 52242-1319 PH 319-335-1575 FAX 319-335-2754

Make photocopies for:  
well contractor, customer, and county health department

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