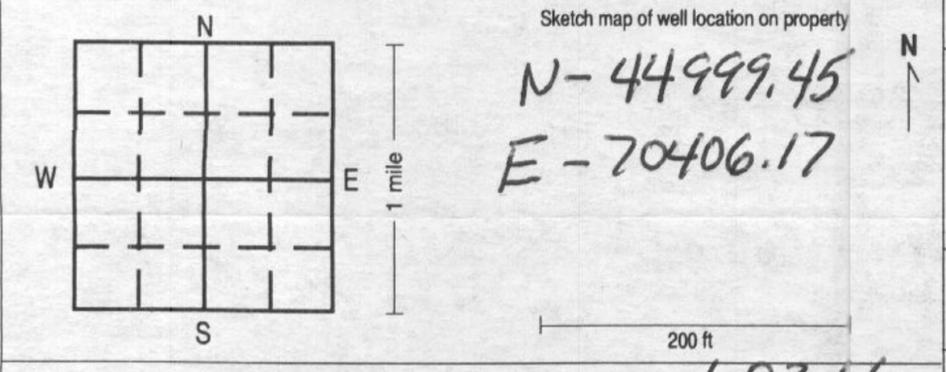


**Site identification**  
 Property Owner Ipsco Inc Well Number PPW-2  
 Address 1770 Zachary Ave Muscatine IA  
 Tenant Same  
 Well Depth 509.6 ft Date Completed 6/29/95

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size** hole size continued  
6 inch from 0 ft to 90 ft  
3.5 inch from 90 ft to 509.6 ft

**Location** County Muscatine  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ E W  
Ipsco steel const site -  
 Show exact location of well in section grid with a dot (•).

**Casing** Drive shoe (yes/no) \_\_\_\_\_ Pitless adaptor (yes/no) \_\_\_\_\_  
 Size (ID/OD) \_\_\_\_\_ Type/Wt \_\_\_\_\_ Depth top \_\_\_\_\_ Depth bottom \_\_\_\_\_ Amount (length) \_\_\_\_\_  
No perforat casing



**Perforated or slotted casing?** (yes/no)   
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

upland  hillside  valley Elevation (if known) 683.66

**Casing grouted?** (yes/no)   
 Type \_\_\_\_\_ Depth Top \_\_\_\_\_ Depth Bottom \_\_\_\_\_ Amount \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	20	Brn	Soft	Silty lean clay
20	45	Brn	med	Silty lean clay w/sand + gravel
45	98.2	Gray/Black	Soft	Shale
92.2	124.3	Lgray	Soft	Sandstone
124.3	155.5	6mgay		Shale w silty Sandstone seams -
155.	170.5	gray		Sandstone
170.5	218.6	Dark gray		Shale
218.6	253.5	gray		Sandstone
253.5	281.5			Wapsipin con Limestone
281.5	425.5			Dolomitic Limestone Silurian formation
425.5	470.0	Buff		Dolomite w some chert
470.0				Dolomitic Limestone w some chert / Silurian Alexandrian formation

use additional sheets as needed

**Well screen?** (yes/no)   
 Diameter \_\_\_\_\_ Slot size \_\_\_\_\_ Depth Top \_\_\_\_\_ Depth Bottom \_\_\_\_\_ Length \_\_\_\_\_ Material \_\_\_\_\_  
 Bottom capped (yes/no)  with \_\_\_\_\_  
 Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no)  from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
only partial water loss

**Well developed?** (yes/no)   
 Explain \_\_\_\_\_

**Pump installed?** (yes/no)  Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Installer's name \_\_\_\_\_  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand/gravel  limestone  sandstone  
 Main water-supply zone from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Final water level (static water level) 104.60 (below / above) GL.  
 Pumping water level \_\_\_\_\_ ft below GL;  tape  airline  E-line  
 At yield of \_\_\_\_\_ GPM;  orifice  volumetric  estimate Date \_\_\_\_\_

**Water quality test?** (yes/no)  Date tested \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Tested by \_\_\_\_\_  
 Test results \_\_\_\_\_

**Well use**  
 Domestic  Municipal  Industrial  
 Livestock  Public Supply  Monitoring  
 Test Well  Irrigation  Other pilot for well (explain)

**Contractor** Indeco / Jeff Cothron  
**Address** 630 E River drive Bett IA 52722  
**Driller** Jeff Cothron Certification no. 40303