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Walcott resident

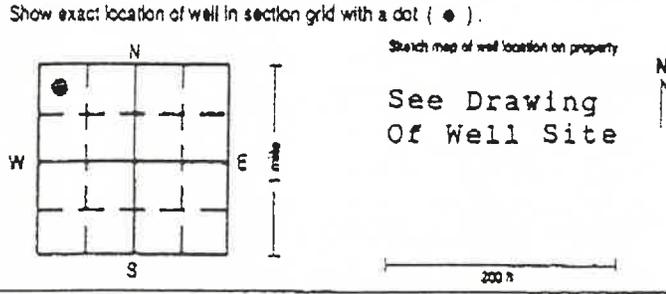
Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1318 PH (319) 335-1575

WELL RECORD # 36831

Permit No. _____

Site Identification
 Property Owner City Of Walcott Well Number (5)
 Address Walcott, Iowa
 Tenant DATE STARTED AUG 15
 Well Depth 455 ft Date Completed 10 / 18 / 95

Location County Scott
1 mi. ^S and 1/8 mi. ^W of intersection of H927 and CR Y-40
1/4 of the 1/4 of the 1/4 of Sec 36 TWP 79 RANG 1 ^W



upland hillside valley Elevation (if known) 755 FT

Formation log

From	To	Color	Hardness	Formation description
0	14	Yel		Clay
14	16			Sand
16	80	Blu		Sand & Clay
80	90	Blu		Clay
90	105	Blu		Sand & Clay
105	123	Brn		Sand & Clay
123	147			Rock
147	170	Gray		Rock
170	255	Brn		Rock
255	265			Shale Rock
265	280	Brn		Rock
280	300			Shale Rock
300	327			Rock
327	328			Shale
328	330			Rock
330	334		Soft	Rock
334	370	Gray		Rock
370	390			Shale Rock
390	450	Gray		Rock
450	455			use additional sheets as needed Shale

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

Well use

<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Municipal	<input type="checkbox"/> Industrial
<input type="checkbox"/> Livestock	<input type="checkbox"/> Public Supply	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test Well	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Other _____ (explain)

Drill method rotary auger cable other _____
Hole size
 20 inch from 0 ft to 123 ft hole size continued 12 inch from 147 ft to 310 ft
 17 1/2 inch from 23 ft to 147 ft 10 inch from 310 ft to 455 ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing Drive shoe (yes/no) Pileless adaptor (yes/no) _____

Size (ID/OD)	Type / WT	Depth top	Depth bottom	Amount (length)
18	Steel	0	123	
12	Steel	0	147	
10	Steel	280	310	

Perforated or slotted casing? (yes/no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Type	Depth Top	Depth Bottom	Amount
Cement	0	147	

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 _____

Well developed? (yes/no)
 Explain Test Pump

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

Water information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 147 ft to 455 ft
 Final water level (static water level) 53 ft (below ~~2850~~ GL)
 Pumping water level 68 ft below GL; tape airline E-line
 At yield of 500 GPM: orifice volumetric estimate Date 10-18-95

Water quality test? (yes/no) Date tested 10 / 31 / 95
 Tested by University Of IA Hygienic Lab
 Test results See Results

Contractor Winslow Drilling Company, Inc.
 Address Maysville Rd, Walcott, Iowa 52773
 Driller Frank Caes Certification no. 40364