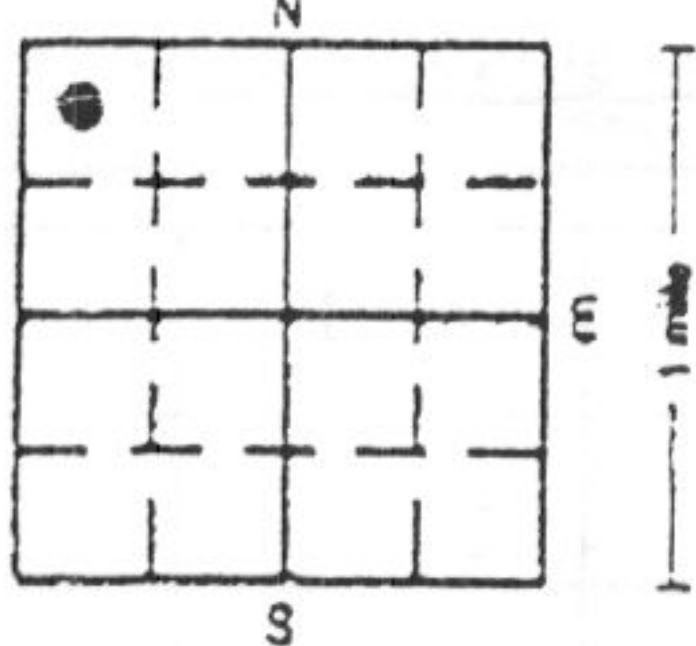


Sent to JCP by Danny Holmes
Walcott resident

Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

WELL RECORD #36831

Permit No. _____

Site Identification					Drill method				
Property Owner <u>City Of Walcott</u> Well Number <u>(5)</u>					☐ rotary ☐ auger ☒ cable other _____				
Address <u>Walcott, Iowa</u>					Hole size				
Tenant <u>DATE STARTED AUG 15</u>					20 inch from <u>0</u> ft to <u>123</u> ft				
Well Depth <u>455</u> ft Date Completed <u>10 / 18 / 95</u>					12 inch from <u>147</u> ft to <u>310</u> ft				
					17 inch from <u>23</u> ft to <u>147</u> ft				
					10 inch from <u>310</u> ft to <u>455</u> ft				
Record all depth measurements from ground level (GL). Use (+) for above GL measurements.									
Location County <u>Scott</u>					Casing				
1 mi. <u>(S)</u> and 1/8 mi. <u>(E)</u> of Intersection of <u>H927</u> and <u>CR Y-40</u>					Drive shoe (yes/no) <u>(no)</u> Pitless adaptor (yes/no) _____				
1/4 of the _____ 1/4 of the _____ 1/4 of Sec <u>36</u> TWP <u>79</u> ANG <u>1</u> <u>(S)</u> <u>(W)</u>					Size (ID/OD) Type / WT Depth top Depth bottom Amount (length)				
Show exact location of well in section grid with a dot (•).					18 Steel 0 123				
Sketch map of well location on property					12 Steel 0 147				
See Drawing Of Well Site					10 Steel 280 310				
					Perforated or slotted casing? (yes/no) <u>(no)</u>				
					Perforated / slotted from _____ ft to _____ ft				
					Perforated / slotted from _____ ft to _____ ft				
☐ Upland ☐ Hillside ☒ Valley Elevation (if known) <u>755</u> Ft					Casing grouted? (yes/no) <u>(yes)</u>				
Formation log					Type Depth Top Depth Bottom Amount				
From To Color Hardness Formation description					Cement 0 147				
0 14 Yel Clay					Well screen? (yes/no) <u>(no)</u>				
14 16 Sand					Diameter Slot size Depth Top Depth Bottom Length Material				
16 80 Blu Sand & Clay									
80 90 Blu Clay									
90 105 Blu Sand & Clay					Bottom capped (yes/no) with _____				
105 123 Brn Sand & Clay					Seals / Packers (yes/no) kind _____ depth _____ ft				
123 147 Rock					Gravel packed (yes/no) from _____ ft to _____ ft				
147 170 Gray Rock					type _____ amount _____				
170 255 Brn Rock					Well developed? (yes/no) <u>(yes)</u>				
255 265 Shale Rock					Explain <u>Test Pump</u>				
265 280 Brn Rock					Pump installed? (yes/no) <u>(no)</u> Date _____ / _____ / _____				
280 300 Shale Rock					Installer's name <u>By Others</u>				
300 327 Rock					Type of pump _____ Depth to intake _____ ft				
327 328 Shale					Pump diameter _____ Rated capacity _____ GPM				
328 330 Rock					Water Information				
330 334 Soft Rock					Aquifer: ☐ sand/gravel ☒ limestone ☐ sandstone				
334 370 Gray Rock					Main water supply zone from <u>147</u> ft to <u>455</u> ft				
370 390 Shale Rock					Final water level (static water level) <u>53</u> ft (below <u>2086</u> ft) GL.				
390 450 Gray Rock					Pumping water level <u>68</u> ft below GL: ☐ tape ☒ airline ☐ E-line				
450 455 use additional sheets as needed Shale					At yield of <u>50</u> GPM: ☒ orifice ☐ volumetric ☐ estimate Date <u>10-18-95</u>				
Remarks (Including depth of lost drilling fluids, materials, or tools)					Water quality test? (yes/no) <u>(yes)</u> Date tested <u>10 / 31 / 95</u>				
Well use					Tested by <u>University Of IA Hygienic Lab</u>				
☐ Domestic ☒ Municipal ☐ Industrial					Test results <u>See Results</u>				
☐ Livestock ☐ Public Supply ☐ Monitoring					Contractor <u>Winslow Drilling Company, Inc.</u>				
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)					Address <u>Maysville Rd, Walcott, Iowa 52773</u>				
					Driller <u>Frank Caes</u> Certification no. <u>40364</u>				

SINCE 1934

Winslow Drilling Co.

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Industrial, Municipal, Farm and Home

Cable Tool and Rotary Well Drilling

5 TO 30 INCH

PHONE, DAV. (319) 391-5740

P. O. BOX 162, WALCOTT, IOWA, R.R. 1 52773

For City Of Walcott (Well Num 5) Con't Located at Walcott, Iowa
 Make, Kind and Size of Power 4-71 GMC Diesel
 Bowl No. Size 11½ Inch Stages 6
 Column Setting 150 Feet Ft. Size 6 Inch Shaft Size 1 3/16 Inch
 Static Level Before Pumping 55 Feet After Pumping Temperature

Date	Time	Engine R.P.M.	G.P.M.	Pumping Level	Draw Down	Air Gauge	Remarks
10-18-95	1:25	825	500	65'	10'	85'	63"
" "	1:30	825	500	65'	10'	85'	63"
" "	1:45	825	500	65'	10'	85'	63"
" "	2:00	825	500	65'	10'	85'	63"
" "	2:30	825	500	65"	10'	85'	63"
" "	3:00	825	500	65'	10'	85'	63"
" "	3:30	825	500	65'	10'	85'	63"
" "	4:00	850	500	67½'	12½'	82½'	63
" "	4:30	850	500	67½'	12½'	82½'	63"
" "	5:00	850	500	67½'	12½'	82½'	63"
" "	5:30	850	500	67½'	12½'	82½'	63"
" "	6:00	850	500	67½'	12½'	82½'	63"
" "	6:30	850	500	68'	13'	82'	63"
" "	7:00	850	500	68'	13'	82'	63"
" "	7:30	850	500	68'	13'	82'	63"
" "	8:00	850	500	68'	13'	82'	63"
" "	8:30	850	500	68'	13'	82'	63"
" "	9:00	850	500	68'	13'	82'	63"
" "	9:30	850	500	68'	13'	82'	63"
" "	10:00	850	500	68'	13'	82'	63"
" "	10:45	850	500	68'	13'	82'	63"

Page 3 Of 7

5 TO 30 INCH

P.O. BOX 162, WALCOTT, IOWA, R.R. 1 52773

*****RECOVERY*****

[illegible]

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5 TO 30 INCH

P. O. BOX 162, WALCOTT, IOWA, R.R. 1 52773

Static Level Before Pumping 55 Feet After Pumping _____ Temperature _____

[illegible]