Sample Set

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

WELL RECORD #41074

Permit No. _____

Site identification

Property Owner I 80 GROUP. I80 X440 Well Number _____
Address WALCOTT IA
Tenant 52773
Well Depth 496 ft Date Completed 12-21-96

Location

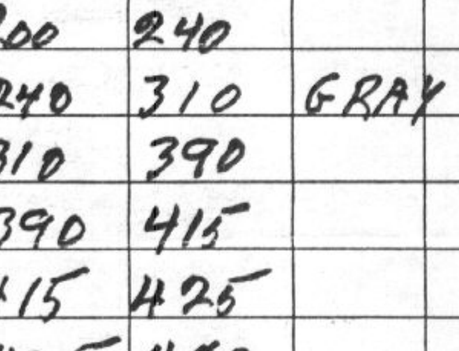
County Muscatine

_____ mi. N/S and _____ mi. E/W of intersection of _____ and _____

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ E/W

Show exact location of well in section grid with a dot (●).

Sketch map of well location on property



☐ upland ☐ hillside ☐ valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	5	BROWN		CLAY
5	10	GREAN		CLAY
10	15	BROWN		CLAY
15	19			SAND
19	60	GRAY		CLAY
60	104	BROWN		CLAY
104	123			SAND-CLAY
123	200	BROWN		ROCK
200	240			LT. BROWN GRAY
240	310	GRAY		
310	390			LT. GRAY
390	415			WHITE
415	425			TAN
425	480			WHITE
480	485			BROWN-BLUE
485	496			MAQUOKETA SHALE BLUE

use additional sheets as needed

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

Well use

☐ Domestic ☐ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

14 3/4 inch from 0 ft to 175 ft
9 7/8 inch from 175 ft to 496 ft

hole size continued

___ inch from ___ ft ___ ft
___ inch from ___ ft ___ ft

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

Casing

Drive shoe (yes / no) Pitless adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10"	STEEL	1 FT GL	175	176

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____
Perforated / slotted from _____ ft to _____

Casing grouted? (yes / no)

Type	Depth Top	Depth Bottom	Amount
CEMENT	0	175	[illegible]
		135 C	[illegible]

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	NO				

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 _____

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) 86 ft (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 _____

Contractor WINSLOW DRILLING CO.
Address 23455 MARSHALL ROAD WALCOTT, IOWA 52773
Driller Frank Coss Certification no. 0364

white copy - **Iowa DNR, Geological Survey Bureau** blue copy - **Well Contractor** pink copy - **Customer** yellow copy - **County Health Officer**