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

WELL RECORD

79460

Permit No. 2582

Site identification

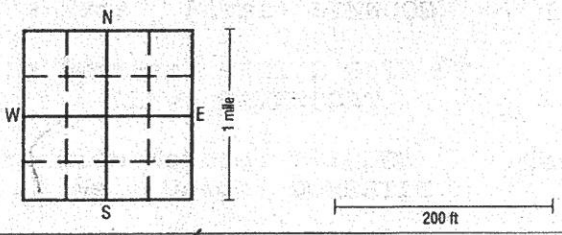
Property Owner: Linwood Stone Quarry Well Number:
Address: 401 E. Front Street Buffalo
Tenant:
Well Depth: 335 ft Date completed: 9 / 24 / 02

Location

County: Scott

____ mi. N/S and ____ mi. E/W of intersection of ____ and ____
____ 1/4 of the ____ 1/4 of the NE 1/4 of Sec 13 TWP 77N RNG 2 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	188			Limston
188	335			Silurian

use additional sheets as needed

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

Well use

☒ Domestic ☐ Livestock ☐ Test well ☐ Municipal ☐ Public supply ☐ Irrigation ☐ Commercial ☐ Monitoring ☐ Other ____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other ____

Hole size

10 inch from 0 ft to 40 ft
8 inch from 40 ft to 258 ft
hole size continued: 6 inch from 258 ft to 335 ft
____ inch from ____ ft to ____ ft

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

Casing

Drive shoe (yes / no): yes Pitless adapter (yes / no): no

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	SDR 21 PVC	+2	38	40
6"	SDR 17 PVC	38	258	220

Perforated or slotted casing? (yes / no): no

Perforated / slotted from ____ ft to ____ ft
Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no): yes

Placement method: Halliburton

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bensal	0	260	16 Sacks

Well screen? (yes / no): no

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	0.___				
	0.___				

Bottom capped (yes / no): no with ____
Seals / Packers (yes / no): yes kind: Rubber depth: 250, 260 ft
Gravel packed (yes / no): no from ____ ft to ____ ft
type ____ amount ____

Well developed? (yes / no): yes

Explain: AIR
(pumped, airlifted, bailed) for 12 hrs at 30 GPM.

Pump installed? (yes / no): 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 260 ft to 335 ft ☐ seepage well
Static water level 90 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 140 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 30 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 7:00 (AM / PM): PM Date 9 / 24 / 02

Water quality test? (yes / no): no

Date tested ____ / ____ / ____
Tested by ____

Contractor: Gingerich Well
Address: 1321 N Locust Ave Kalona IA 52247
Driller: Kelly Gingerich Certification no. 4004L

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