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

WELL RECORD 46434

Permit No. (33) 603

Site identification

Property Owner IVA, Inc. Well Number ____
Address Box 13, Brownsdale, MN
Tenant Southwell
Well Depth 160 ft Date completed 7/16/98

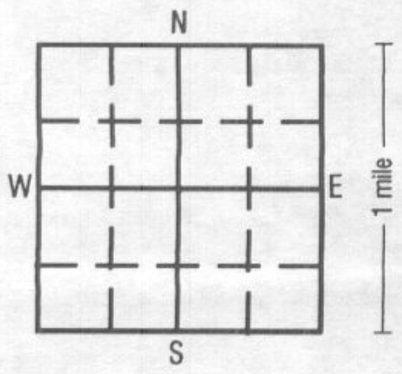
Location

County Fayette

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

____ 1/4 of the ____ 1/4 of the SW 1/4 of Sec 12 TWP 94 RNG 9 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'	42'			Topsoil, Sand
42'	68'	Blue		Clay
68'	117'			Limerock
117'	118'	Blue	Hard	Shale
118'	160'			Limerock

use additional sheets as needed

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

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other ____

Hole size

12¼ inch from 0 ft to 69 ft
8 inch from 69 ft to 160 ft

hole size continued

____ inch from ____ ft to ____ ft
____ inch from ____ ft to ____ ft

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

Casing

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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8"	Steel	+2'	69'	72'

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no) Placement method ____

Type	Depth Top	Depth bottom	Amount (vol/wt)
Neat Cement	0'	69'	34 sacks

Well screen? (yes / no)

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

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 ____
(pumped, airlifted, bailed) for ____ hrs at ____ GPM.

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 ☐ seepage well
Static water level 30 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level ____ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of ____ GPM; ☐ orifice ☐ volumetric ☐ estimate
Measurements taken at ____:____ (AM / PM) Date ____/____/____

Water quality test? (yes / no) Date tested ____/____/____

Tested by ____

Contractor Shawver Well Company, Inc.
Address Fredericksburg, IA 50630
Driller Gary Martin Certification no. 40473

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

297971-DQ