

Site identification

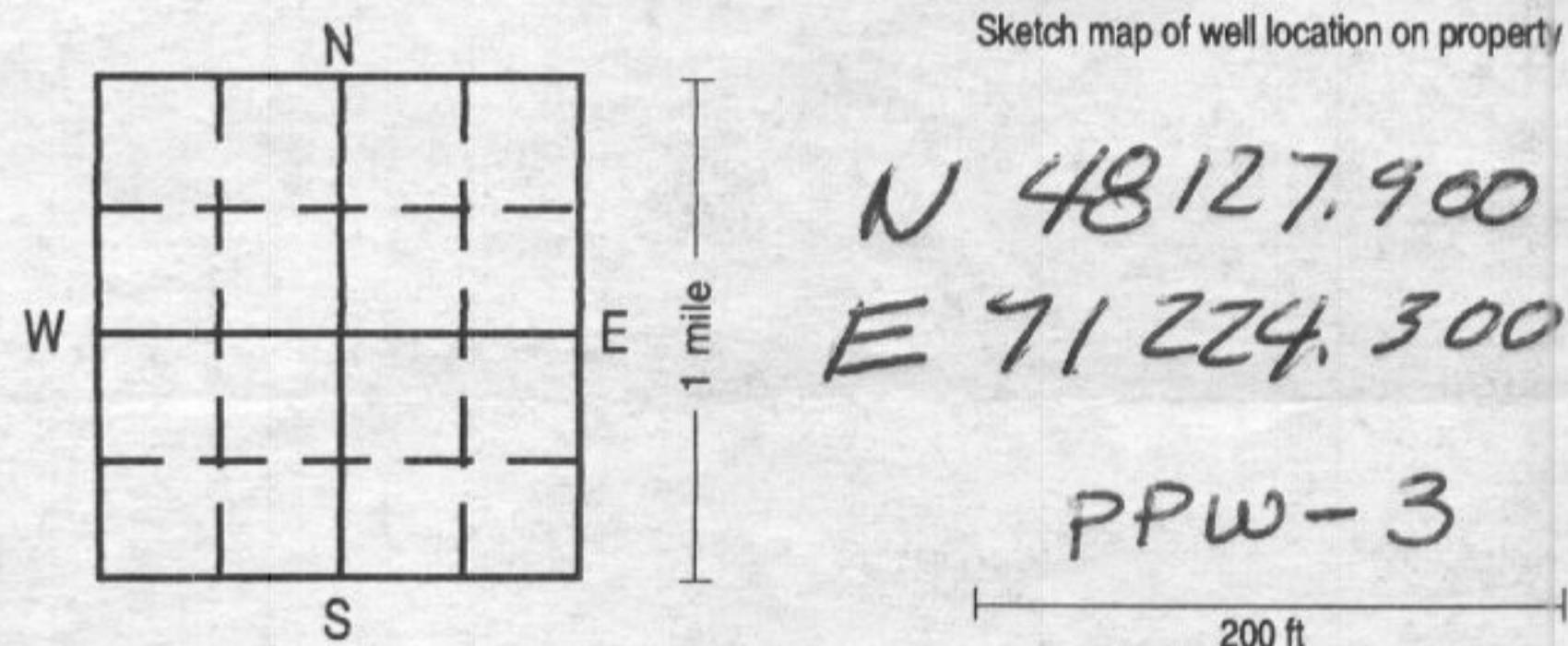
Property Owner Ipslo Inc Well Number PPW-3
Address 1770 Zachary Ave Muscat IA
Tenant _____
Well Depth 545 ft Date Completed 6 / 19 / 95

Location

County Muscatine

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
_{S W}
_____ 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 (•).



☐ upland ☒ hillside ☐ valley Elevation (if known) 721.06

Formation log

From	To	Color	Hardness	Formation description
0	15	Brn		Silty lean clay
15	25	Brn		Silty lean clay ^{wood} gravel
25	35	Gray		Till -
35	115			Gray weathered shale
				pensilvanian
		Gray		Limestone
115	270	med Gray		Dolomitic Limestone
270	323.2			Silurian Dolomitic
544				Limestone
	545.00	greengray		Shale

use additional sheets as needed

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

At 407.5 100% water loss

Well use

- ☐ Domestic ☐ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☒ Test Well ☐ Irrigation ☐ Other Pilot for W.W.
(explain)

Drill method

☒ rotary ☐ auger ☐ cable other NQ Core

Hole size

6 inch from 0 ft to 90 ft hole size continued _____ inch from _____ ft to _____ ft
3.5 inch from 90 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 adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
<u>No permanent casing</u>				

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

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 _____

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) 148.6 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 Indeco Inc

Address 630 E River drive Bett 55722

Driller Jeff Cothron Certification no. 40303