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

WELL RECORD 64730

Permit No. _____

Site identification

Property Owner DUKEY'S CORNER Well Number _____

Address 648 HWY 3 LATIMER IA

Tenant SAME

Well Depth 160 ft Date completed 8/6/07

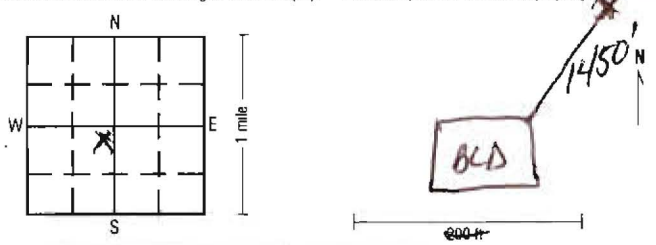
Location

County FRANKLIN

_____ mi. N/S and AT mi. E/W of intersection of I-35 and HWY 3

NE 1/4 of the NE 1/4 of the SW 1/4 of Sec 25 TWP 92 RNG 22 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	2	BLK	SOFT	TOPSOIC
2	7	BRN BRN	"	SANDY CLAY
7	12	MULCT	"	SAND
12	36	GRY	"	SANDY CLAY
36	70	MULCT	"	SAND
70	81	GRY	"	CLAY
81	90	MULCT	"	SAND
90	97	LT BRN	"	CLAY
97	99	LT BRN	"	"
99	104	BRN	"	CLAY
104	117	BRN	MED SOFT	LIMESTONE
117	130	LT BRN	HARD	LIMESTONE CHERT LAYERS
130	160	BRN GRY	"	LIMESTONE

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

10 inch from 0 ft to 124 ft

6 inch from 124 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)
6"	.322 WALL STEEL	+2	124	126

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method TREMIE

Type	Depth Top	Depth bottom	Amount (vol/wt)
PORTLAND	0	124	100 BAGS 94/16
			6 GAL WATER PER BAG

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 10 hrs at 50 GPM.

Pump installed? (yes / no) Date ____/____/____

Installer's name MORTS WATER CO

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone

Main water-supply zone from 133 ft to 158 ft ☐ seepage well

Static water level 36 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 80 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate

At yield of 30 GPM; ☐ orifice ☐ volumetric ☒ estimate

Measurements taken at 1:____ (AM / PM) Date 8/6/07

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

Tested by _____

Contractor MORT'S WELL CO.

Address BOX 715

Driller [redacted] LATIMER IA 50452 Certification no. 887

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