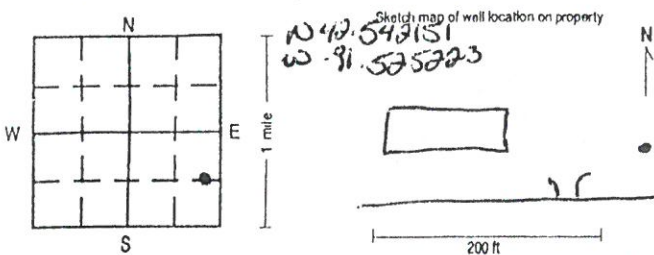


Site Identification 2182219
 Property Owner Brad Kimmere Well Number 44880
 Address Manchester
 Tenant Hog Bldg
 Well Depth 163 ft Date Completed 7 / 8 / 15

Location County Delaware
 _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
 _____ mi. ^S and _____ mi. ^W
 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RING _____ I _____ W _____
 Show exact location of well in section grid with a dot (•).


upland hillside valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	4			Top Soil
4	17			Sand, clay
17	44	Blue		Clay
44	48			Sand, gravel
48	82	Blue		Clay w/ sand streaks
82	163	tan, orange		limestone

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
 13 3/4 inch from 0 ft to 18 ft hole size continued 5 7/8 inch from 87 ft to 163 ft
 9 7/8 inch from 15 ft to 87 ft _____ inch from _____ ft to _____ ft

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

Casing Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6.9	50K.17 PVC	17	87	89'

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
Beasceal	0	87	6 sacks

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 Air lifted 1hr, 30gpm @ 163'
30gpm @ 60'

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 100 ft to 163 ft
 Final water level (static water level) 6 ft (below / above) GL.
 Pumping water level 80 ft below GL; tape airline E-line
 At yield of 3540 GPM; orifice volumetric estimate Date _____

Water quality test? (yes / no) Date tested _____ / _____ / _____
 Tested by _____
 Test results _____

Contractor Ohio Well Drilling
 Address Manchester, IA 52557
 Driller Boyd Certification no. 6714