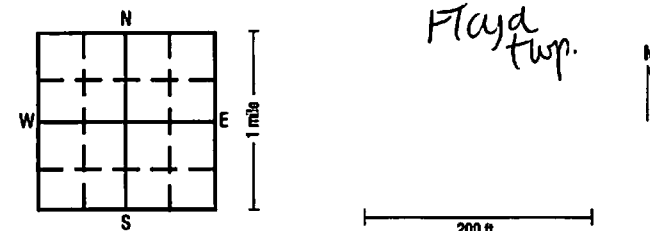


Public Water Supply

**Site Identification**  
 Property Owner Rick + Bobbi Lensing Well Number \_\_\_\_\_  
 Address 16542 320th St, Mason City  
 Tenant Fuel EXPRESS, Floyd, IA  
 Well Depth 245 ft Date completed 10/3/00

**Location** County Floyd  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of Intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the SW 1/4 of the NE 1/4 of Sec 21 TWP 96 RNG 16 E W  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  
  
 Elevation (if known) 1066'

**Formation log**

From	To	Color	Hardness	Formation description
0'	9'	Brown		Topsoil, Clay
9'	20'	Blue		Clay
20'	31'			Sand
31'	44'			Limerock + Shale
44'	71'			Limerock
71'	76'			Shale
76'	130'			Limerock
130'	195'			Limerock - Shale
195'	160'			Limerock
160'	176'			Shale
176'	240'			Limerock
240'	245'			Limerock + Shale

**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**  
 12 1/2 inch from 0 ft to 41 ft  
 9 7/8 inch from 41 ft to 178 ft  
 hole size continued  
 6 inch from 178 ft to 245 ft

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

**Casing** Drive shoe (yes/no) \_\_\_\_\_ Pileless adapter (yes/no) \_\_\_\_\_

Size (ID/OD)	Type / WT	Depth top	Depth bottom	Amount (length)
6.9"	PVC	+2'	178'	180'

**Perforated or slotted casing?** (yes/no) 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)
Benzal	0'	178'	26 sacks
Holeplug			7 sacks

**Well screen?** (yes/no) 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) yes 30 GPM @ 120'  
 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 40 ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level 120 ft below GL;  tape  airline  E-line  estimate  
 At yield of 30 GPM;  orifice  volumetric  estimate  
 Measurements taken at \_\_\_\_\_ : \_\_\_\_\_ (AM / PM) Date \_\_\_\_/\_\_\_\_/\_\_\_\_

**Water quality test?** (yes/no) \_\_\_\_\_ Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Tested by \_\_\_\_\_

Contractor Shawyer Well Company, Inc.  
 Address Fredricksburg, IA 50630  
 Driller Randy Jones Certification no. 40309