

Site identification
 Property Owner ZION REFORMED CHURCH ST. # Well Number _____
 Address 2029 JONQUIL AVE SHEPPARD IA 50475
 Tenant SAME
 Well Depth 145 ft Date completed 4/15/05

Location County FRANKLIN
1/2 mi. S and 0 mi. E of intersection of C.23 and JONQUIL
SW 1/4 of the SW 1/4 of the NW 1/4 of Sec 8B TWP 93 RING 21 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	1	BLA	SOFT	SOIL
1	5	BRN	"	SANDY CLAY
5	8	MULT	"	SAND
8	20	BRN	"	SANDY CLAY
20	62	GRY	"	"
62	72	BRN	"	CLAY
72	83	BRN	HARD	LRMESTONE
83	102	GRY	"	SHALE
102	118	BRN	"	LRMESTONE
118	127	GRY	"	"
127	133	LT BRN	"	"
133	137	GRY	"	"
137	140	BRN	"	"
140	145	GRY	SOFT	CLAY

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
 12 1/4 inch from 0 ft to 87 ft hole size continued 6 inch from 103 ft to 145 ft
 10 inch from 87 ft to 103 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 (D/OD) Type / Wt Depth top Depth bottom Amount (length)
 6 3/4" STEEL 72 103 105

Perforated or slotted casing? (yes/no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no) Placement method TIRETIE
 Type Depth Top Depth bottom Amount (vol/wt)
 BENEFAL 0 103 14 900 420 gal
 HULERUB 103 105 2 13005

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
 (pumped, airlifted, bailed) for 48 hrs at 12 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 130 ft to 140 ft seepage well
 Static water level 28 ft (below/above) GL; tape airline E-line estimate
 Pumping water level 100 ft below GL; tape airline E-line estimate
 At yield of 15 GPM; orifice volumetric estimate
 Measurements taken at 4:00 (AM/PM) Date 4/15/05

Water quality test? (yes/no) Date tested ____/____/____
 Tested by MORT'S WELL CO.
 Contractor BOX 715
 Address _____
 Driller J. LATIMER IA 50452 Registration no. 1897