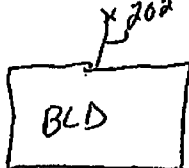
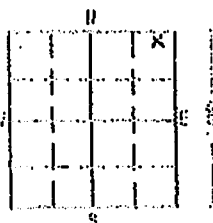


241 ST ANDREWS WAY SOUTH CENTRAL IA

Site Identification **PIRE Well #1**
 Property Owner **HAWKEYE PRIDE** Well Number **4409101**
 Address **1275 DEER AVE CORWETH IA**
 Town **SAME**
 Well Depth **160** ft Date completed **8/5/10**

Location County **HAWK**
 sec. **18** and **18** of intersection of **DEER** and **130th**
NE 1/4 of the **NE** 1/4 of the **NE** 1/4 of Sec. **21** Twp **94** Rng **26**

Show each section with reference to a dot (n). Sketch map of well location on property



Exposed ☒ Inside ☐ Valley Elevation (ft above sea level)

From	To	Color	Hardness	Formation description
0	3	BLK	SOFT	TOPSOIL
3	12	BRN	"	SANDY CLAY
12	84	BRN	"	"
84	122	MULT	"	SAND
122	150	BOW MUD	HARD	LIMESTONE * CHEST
150	160	BRN	"	LIMESTONE

Drill method ☒ Rotary ☐ Auger ☐ Cable other
 Hole size
 15 inch from 0 ft to 130 ft
 11 7/8 inch from 130 ft to 160 ft

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

Casing	Drivewell (yes/no)	Feet adapter (yes/no)
Size (OD)	Type / Yr	Depth top
8"	500 21	150
		Amount (length)
		152

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

Casing grouted?	Placement method
(yes/no)	TREMIE
Type	Depth Top
HOEFLUB	142
PORTLAND	130
AGGREGATE	0
Well screened? (yes/no)	Depth Bottom
	142
Diameter	Length
8"	10'
Slot size	Material
0.025	PVC

Bottom capped (yes/no) with _____
 Seals/Packers (yes/no) Mod _____ depth _____ ft
 Gravel packed (yes/no) front **145** ft to **160** ft
 type **3/8 PEA** amount **4000 LBS**

Well developed? (yes/no)
 Exelon
 (pumped, drilled, bailed) for **24** hrs at **200** 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 **150** ft to **160** ft (see page well)
 Static water level **24** ft (below/above) GL: ☒ type ☐ estimate
 Pumping water level **60** ft below GL: ☐ type ☐ estimate
 As yield at **150** GPM: ☐ Tonice ☐ estimate
 Measurements taken at **1** (AM/PM) Date **8/5/10**

Water quality test? (yes/no) Date tested _____
 Tested by _____
 Contractor **MORTS WELL CO**
 Address **PO 127 CORWETH IA**
 Driller **John C** Certification no. **1889**

Remarks (including depth of test casing fluids, materials, or tons)

Well use
☐ Domestic ☒ Municipal ☐ Commercial
☐ Livestock ☒ Irrigation ☐ Manufacturing
☐ Test well ☐ Other

WELL DRAWDOWN TEST

RECEIVED
SEP 2

SEP 28 2010

28 2010
KUEHL & PAYER, LTD.
STORM LAKE, IA

RECOVERY - RECHARGE TEST

Owner HAWKEYE PRIDE

Date 8-5-10 TO 8-6-10

Well Size 8"

Well Depth 160'

Static Level 22' @ GL

Pump Water Level 24'

at GPM 150 GPM

Casing Type STEEL

Other _____

Notes:

HIGH PRODUCTION
VERY LITTLE DRAWDOWN
AT 150 GPM. FAST
RECOVERY

Certified Pump Tech LAYTON JUNKER

Well: #1



1410 Gull Ave
Latimer, IA 50452

[illegible]