KU	-	-	_	-	-
		A	8	G.	41
	n	4	0	O	
	-	_	•	_	-

Site identification		Drill method □ rotary		□ au	auger able other Reverse								
Property Owner Muscatine Power and Water Well Number 40		Hole size hale size continued											
Address 3205 Cedar St. Muscatine, Iowa			42" Inch	from	ft lo	14D ft	inch	ı from_	ft	lo	ft		
Tenant Progress Park			lank	from									
Well Depth 140' ft Date completed 05 / 02 / 2008													
Location CountyLouisa		Record all depth measurements from ground level (GL). Use (+) for above GL measurements.							ments.				
		Casing Size (ID/OD)	į 1	Drive shoe Type / Wit	(yes/no) Depth		adapter (yes Depth bo		Amount ((lenath)			
0.3 ml. s and 0.1 ml. f of intersection of 55th Av. W and 49th St. S.			30"				+3 90'			93'			
SW 1/4 of the 5 ₩ 1/4 of the 1/4 of Sec 20 TWP 76N RNG 2 €				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.													
N			Perforated or slotted casing? (yes/@) Perforated / slotted fromft toft Perforated / slotted fromft toft										
S 200 m				Casing grouted? (yes/ no) Placement method Tres					Tren	rie			
⊠ upland	☐ hillsid	e □va[ley Élev	vation (if known)	Туре	Type Depth T		Тор	Depth	n bottom Amou		ount (v	ol/wt)
	Formation log		cemen	nt	1	0'	15	5'		5			
From	То	Color	Hardness	Formation description									
0	5'			Top Soil	Well scre						.,		a
5'	13'			Sand	Diameter	Stot		epth Top	Depth Bot	tom I	ength	1	aterial
13'	41''			Course sand, 3/8 gravel	30"	00		90'	140'		50	-	SS
41'	52'			Sugar sand, 1/4-3/B gravel	••~ <u> </u>								
52'	58'			Sand 1-1 1/2 rock	Bottom capped (yes/no) with SS Piate Seals / Packers (yes (no) kind depth						ˈ		
58'	81'			course sand 1-3" rock	Gravel packed (yes) no) from 140' ft to 15'						ft		
81'	93'			course sand 6" rock	type#3arnount36 tons								
93'	104'			gray sand 3" rocks	Well developed? (yes) no)								
104'	131'			gray sand 1/2"-1" rocks	Explain Double Disc Surge Block (bumped,) alrifted, bailed) for 4 hrs at 1000 GPM.								
131'	141'			course sand 1"-3"rocks	Pump installed? (yes) no) Date 05 / 08 / 2008								
					Installer's nact				Company				
					Type of pump Turbine Depth to intake88'ft								
					Pump diameter 12" Rated capacity 1000 GPM								
					Water information Aquifer: ₩Sand / gravel ☐ firmestone ☐ sandstone								
					Main water-supply zone from 90 ft to 140 ft □ seepage well								
					Static water level 23'6" ft (below / above) GL; tape airline estimate								
				_	Pumping water level 32' 4" 11 below GL; tape airline (BE-line estimate								
					At yield of 1000 GPM; Orifice Volumetric estimate								
use additional sheats as needed			Measurements taken at // : 0.0 (AM) PM) Date 05 / 07 / 2008										
Remarks (including depth of lost drilling fluids, materials, or tools)			Water quality test? (yes/@ Date tested/// Tested by										
Well use □ Domestic			Contractor Northway Well and Pump Company Address 4895 8th Ave. Marion, Iowa 52302 Driller Dan Glessner/Leon Carpenter Certification no. 1822										