Iowa Department of Natural Resources Geological Survey Bureau 109 Trowbridge Hall, Iowa City, IA 52242-1319 PH: (319) 335-1575

WELL RECORD

6 0 3 30 Permit No. 2003-162W

	cation ity of W	Well Number #4	Drill method ☐ rotary ☐ auger ☐ cable ☒ otherreverse									
Address	on: Terr hittier g, IA 51		Hole size 20.0 inch from 0.0 ft to 97.0 ft									
Well Dept	95	Date Completed 08-04-2004		nch	from		_ft to ft to	fi				
Locat			าch าch	from from		_ft to ft to	f					
	V of intersection	Record all depth measurements from ground level (GL). Use (+) for above GL measurements Casing Drive Shoe (yes / no) Pitless adapter (yes / no)										
/ 1/4 of 1	_ ¼ of Sec-Tv											
NW1/4, 1		Size (ID/OD))			h top Depth bott						
Show e	of well in sect	12.00" / 12.7	75"	Blk steel	3.0 A	GL 70.0'		73.0'				
We	ll is locat	ed at 62	22 Hwy K45,	directly East of Well #3								
		Perforated or slotted casing? (yes-/ no)										
		Perforated / slotted from ft to ft										
							to _	ft				
Map not available					Casing g	rou			Placement me			
				Type Fill dirt		Depth top 0.0'		Depth bottom Amount 2.0'		unt (vol/wt)		
					Cement grout		2.0'		52.0' 3 yd		S.	
				Hole Plug		52.0'		54.0' 250#				
					Well scre	en	? (yes /-no)					
					Slot s			Depth bottom	Length	Material		
					12.00" /	0.05	0" 70.0		95.0'	25.0'	SST	
					Bottom capped	1? (ve	es/ne) V	Vith S	SST cap			
uplan	illside	Seals / Packers			- Kind		epth	ft				
Formation Log					Gravel packed	(yes-	/ no) F Type	rom No	54.0 ft orthern #1 Ar		97.0 ft 4 ton	
From 0.0	To 24.0	Color	Hardness	Formation description Clay	Well deve	elor	ped? (ves	/ne)				
24.0	42.0			Fine sand	Explain							
42.0	66.0		-	Sand and gravel with clay	(pumped, airlifted,		ailed) fo	or	6 hrs at	200-600) GPM	
66.0	97.0			Coarse sand and gravel	Pump ins	tal	led? (ves	/no)		Date 1	1-04-2004	
					_				PI Certificate	_	1012001	
					Type of pump turbine Depth to intake 50						50 ft	
					Pump diameter	r _	7"	Rate	ed capacity	600	GPM	
					Water information							
						Aquifer: 🛛 sand / gravel 🔲 limestone 🖂						
			Main water-supply zone from									
					Static water lev	/el _	13.0 ft (b	elow /		E-line [estimate	
				-	Pumping water	r level	18.5	ft bel		A CONTROL OF THE PARTY OF THE P	_ alfiline _ estimate	
				-	At yield of 60			⊠ o	rifice 🗌 volume	tric 🗌 e	stimate	
					Measurements	taker	n at		AM / PM	Date_(08-19-2004	
Remai	rks (inclu	ding depth	of lost drilling	fluids, materials, or tools)	Water qu		-			tested_		
This is a	ement w	Contractor La	avne	-Western								
		Address PO Box 597										
Well u	Munici	Vá	alley	, NE 6806	4-059	97						
Lives	Public		1.0	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9		0500				
☐ Test \	Well [Irrigatio	on 🗌	Other(explain)	Driller	На	rvey Leslie	!	Certificate N	0	6508	