PWTS Permit No.	2004-311W
County Permit No.	

Site ide	Drill method														
Osgood Properly Owner_Clay Regional Water Other ID Well #1									hole size c	ontinued					
Address 1301 38th Street, Spencer, IA 51301						from _	0_ft	to 38 ft	iac	ch from	nft	loft			
Tenant Clay Regional Water					meh	trom	ft	lo ft	in	eh fear	a (1	to ft			
Well Depth 38 ft Date completed 04 20 05					ft toft										
Location County Palo Alto					Record all depth measurements from ground level (GL). Use (+) for above GL measurements.										
						Casing Drive shoe (yes no Pittess adapter (yes no Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)									
1/16 m and 1/16 m and 1/16 m and 450th Ave.					12" 0.375"			5" 3	1	31'					
SW 1/4 of the SW 1/4 of the SW 1/4 of the SW 1/4 of Sec 25 TWP 97 BNG 33 E															
GPS Coordinates (NAD83 datum only) decimal degrees:									-						
	_·	N.	Latitude												
Showexact	location of w	ell in section gr	id with a dot (Sketch map of well location on property.	Perforated or slotted casing? (yes no)										
	ľ.	•		. Industrial control of	Perforated / si	otted	from		ft						
			Ī	IA IA	Perforated / si	otted	fron		ft	to		ft			
W E E Ocsgood Well #1					Casing grouted? (yes) no) Placement method Tremie										
W.	320th Street				Type Depth			Depth top	Depth	Am	Ameunt (vol/wt)				
•					Neat Cer	nent		4 '	1	91	:	1.5 cyd			
4					<u> </u>										
upland	□ hillside [⊇wadey ⊠le	evel surface	Elevation (f known)	Well scre	en? (yes)' no	}							
Formati	ion loa				Diameter		size	Depth top	Depth bot		Length	Material			
From	To	Color	Hardness	Formation description	12"	_	00_	28'	38'		10'	SST			
0	5	Brown		Soft clay					Dlate	7++-	ahad				
5	29	Gray		Medium-coarse gravel	Bottom capped (yes) no) with SST Plate Attached Seals/Packers (yes) no) kind Bentonite depth 19-20 ft										
29	35	Gray		Small gravel w/sand	Seals / Packers (yes) no) kind Bentonite depth 19-20										
35	38	Gray		Small to coarse gravel	type_Northern #3 amount 3 Tons										
		July		Dillata do coarso graver	Well developed? (yes) no)										
					Explain Surge block, bailer, rawhiding										
					pumped airlifted bailed for 4 hrs at 500 GPM										
			1		Pump installed? (yes no Date//										
		-			Installer's name										
					Type of pump Depth to intake ft Pump diameter Rated capacity GPt.!										
					Pump diamete			нацео сара	city			GPM			
					Water info	hrmat	i on	Aquifer: 🛚 🛭	3 sand / grav	vel 🗌 li	mestone				
					Static water lev	el8	. 0 ft	pelow above	GL; □tape	e 🗆 airlin	e XiE-line	□estimate			
					.,,,,	_		_ft below (1);							
								⊠ orifice □ vol							
use additional sheets as needed						Measurements taken at 6 : 50 (Airi) PM) Date 05 / 13 / 05									
Remarks (including depth of lost drilling fluids, materials, or tools)			Water quality test? (yes) no) Date tested 05 / 13 / 05												
					Westedby Clay Regional Water Association										
Well use					Contractor Layne-Western										
Domestic Municipal Monitoring Livestock Public supply Other Rural Water					Address 5600 Gateway Drive, Suite B, Grimes, IA										
Testwell Ingino System					Driller Mark Leslie Certification no. 3684										

WELL RECORD FORM

PWSID#	or PWTS N	lo			PWTS Permit No		ımber (IGS use only)									
	entificati		egional Wat	er	Other ID C1	Drill	Method	⊐ Rot	ary 🗖 A	uger [] Cat	ole	☐ Oth	er		
Property owner Iowa Lakes Regional Water Other ID C1 Address 1301 38th Ave. West City Spencer						Hole	size			hole si	ze co	ntinue	ed			
Tenant							inch from _	0 f	it to fi		inch	fro	om	ft fe	o ft	
Well depth 42 ft Date completed/							inch from _			1						
Location County Palo Alto							ng or Loop			1				= ::-		
	dinates (NAI	083 datum)					all depth measu	•		d level (Gi	_). Us	e + fo	or above	GL me	asurements.	
43.1865830 Latitude 94.6976940 Longitude Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds							Size Materia		Depth Top		Depth Parton		Control	Screen		
					5_{TWP} 97 _{RNG} 33 $_{\text{W}}^{\text{E}}$						1			slot size		
		_		-	TWP RNG W h map of well location on property.						1	_	=	slot size		
	N		g	()							Ī			slot size		
	+ + -				N							ם כ		slot size	=	
		•] [slot size	ə	
W + + + + [² / ₂						☐ Gra	avel packed				am	ount_	v	ariety		
			.				als/packers			typ	ре					
	S				200 ft	□ Bottom capped with										
Formati	on Log	I	1	ı		Casing Grout Placement method										
From	То	Color	Hardness		Formation description		Depth Top Depth Bo			oth Botto	m Ar	mount (volwt)				
														_		
														-	-	
						Pum	p Installatio	on .				<u>l</u> Di	ate 5	 / 10) / 2021	
						Type of pump Grundfos Depth to intake							35 ft			
						Pump diameter 8 in Rated capacity										
							Water Information Date 01 / 18 / 2021									
						Static	evel Yield				Duration					
							ft <u>500</u> GPM <u>2</u> 4					4hrs				
							Water level measurement: ☐Sonic ☐Tape ☐Airline ☐E-line ☐Estimate									
						- Water yield measurement: ☐Orifice ☐Volumetric ☐Estimate										
						Main w	vater-supply zo	ne fro	m	_ ft to _		ft	below G	iL		
						Well	Developme	ent								
						☐ Ph	ysical explai	n:								
				`	litional sheets as needed)	☐ Ch	emical expla	in:								
Remark	S (including o	lepth of lost d	rilling fluids, mat	erials, or t	ools)											
						Cont	ractor									
Well Us	se					Compa	any Sargent I	Orilling	g							
☐ Domestic						Address 2016 Industrial Park Road, Carroll, IA 51401										
☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) ☐ Monitoring ☐ Other						Driller Derek Schweitzer Certification no. 8338										





DNR Form 542-8170