WELL RECORD

59357

Permit No. _____

lowa Department of Natural Resources Geological Survey Bureau 10⊈Trowbridt, Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

Site identification						Drill method Drivary auger cable other									
Property Owner City of Brandon Well Number						Hole size hote size continued									
Address Main St ZMiller St Brandon la						64 inch	from _	<u>0</u> ft	to <u>52</u> ft	15/20	ch from_	<u>10</u> ft	to <u>52</u> ft		
Tenant						<u></u>			to <u>IO</u> ft	~ /	ch from		10258 4		
Well Depth 420 ft Date completed 08/04/04						Record all depth measurements from ground level (GL). Use (+) for above GL measurements.									
Location County Buchenen							Casing Driva shoe (yes / no) Patess adapter (yes / no)								
mi	N and	m). ^E of in	ntersection of		and		Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)								
mi. N andmi. t of intersection of and								13" Sheed +1 52'							
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.							<u> </u>	-1-3	35 3	NO.				253'	
N T								+					-		
<u> </u>							Perforated or slotted casing? (yes/no)								
							Perforated / slotted from ft to ft								
<u>[[[</u>							Perforated / slotted from								
S 200 ft Dupland hillside valuey Elevation (if known)								vulea	_	_		bettem i bottem	1 4-	mount (vol/wt)	
Format		. U TO	,	(maioan)			Type	0	•	epth Top	-	153	111-	SYD	
From	To	Cotor	Hardness	fi	ormation description		high.	_	· F				111	, sko	
0		Brown		Sand	Strectoo	day	Well scre	en? 7	ves/no	myd dr:	Bance	٥	الع	SKO	
26	45	blue		- ·	<u>Llau</u>	-	Diameter		size	Depth Top	Depth B		.ength	Material	
45	48	Chame		1:4.5	>/ ¿ / <	hala		0							
48	52			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u>u - </u>)· /WL		0						1	
•		grey		<i>\\</i> \	<u>nerock</u>	,	Bottom capped (yes/no) with								
25	Trea	1030 d	<i>></i> -		<u>linerock</u>	O44	Seals / Packers (yes / no) kind depth depth							ft	
<u> </u>	162			المرحفة	1.	PM_	Gravel packed (yes / no) from R to							ft	
162	181, "			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	merock		typeamount								
181/2	702/7	His			Shale		Well developed? (yes) no) Explain 420' Q 200 GPM 200' Q 200 GP								
305, ya	308	dens.	,		linerocl	<u> </u>	(pumped, airlifted, bailed) for 2 hrs at 200 GPM.								
308	225	pran			limeroc	<u></u>	Pump installed? (yes/no) Date//								
225	248%				Shale		Installer's name								
2486	258%	1+6000	X		imerocl		Type of pump Depth to Intake ft								
2581/2	275	14		lia	nerock		Pump diameter Rated capacity GPW							GPM	
275				10	S GPM		Water info				_			□ sandstone	
275	78/	came		16	nerock			_		f					
781	324	white		'\	ineroc	ζ.	Static water level 54ft (below) above) GL;tapeairlineE-lineestimate								
324	348	creme		\	imeroc		Pumping water lavel 180 ft below GL; tape airline E-line estimate								
				additional sheets		17,	At yield of 200 GPM; orlfice volumetric estimate								
Remarks (including depth of lost drilling fluids, materials, or tools)					Measurements taken at:(AM / PM) Date / /										
, , , , , , , , , , , , , , , , , , ,						Water quality test? (yes/no) Date tested// Tested by									
Well use							contractor Shave Well 6								
□ Domestic □ Municipal □ Commercial ·							Address Fredericks bug 1c 50030								
☐ Livestock						Driller Dave Halves Certification no. 2814									
					(explain)		21.1104		<u>- 116</u>	~~~~~ ~			oauvii ili	~ <u>~017</u>	

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· 59357

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Site identification	Drill method rotary auger cable other														
Property Owner	Hole size hole size continued														
Address	inch	from	n <u>O</u> ft	to	_ft	in	ch from	ft	toft						
Tenant	inch	from		10		la.	ah from								
Well Depth 4	inch fromft toftinch fromft toftRecord all depth measurements from ground level (GL). Use (+) for above GL measurements.														
Location	Casing Drive shoe (yes/no) Pritess adapter (yes/no)														
mi N and	eni E ed ie	tamaction of	and	Size (ID/OD)		Type / W		Depth		Depth b	٠.	Amount (length)			
•	***		and of SecTWPRNG ^E		_										
			Sketch map of well location on property.		_										
N			or that of the locality of property.												
	D	<u> </u>				1									
w	Perforated or slotted casing? (yes/no)														
]] '			Perforated / slotted fromft toft											
	\top	·		Perforated / slotted fromft toft											
S			200 ft	Casing grouted? (yes/no) Placement method											
upland hillsic	le 🗆 vall	ey Elev	ation (if known)	Тура			Depth Top	P	Depth	bottom	A	mount (vol/wt)			
Formation log	Cator	Hardness	Formation description								ļ				
	1+1500		\ \ \ \	114-11						<u> </u>	<u> </u>				
348 410	de	\ —	limeral	Well scre				Ton II	Danth Da	attern I (aaath	l Mantadal			
410 418	H'en	X-V-	linerack	Diameter	_	ilot size	Depui	iup i	Depth Bo	atom t	ength_	<u>Material</u>			
418 420	O Gree		Shale rock		0.					_					
				Rottom canner			!			1					
				Bottom capped (yes/no) with depthft								ft			
	·						Gravel packed (yes/no) fromft toft								
				type amount											
				Well developed? (yes/no)											
				Explain											
							Pump installed? (yes/no) Date//								
	Installer's name														
	Type of pump Depth to intakeft														
				Pump diameter Rated capacity GPM							GPM				
				Water info	orm	ation	Aquite	er: 🗆 s	and / gra	vel 🗆 lim	estone	□ sandstone			
				Main water-su	pply 2	zone fron	n	ft	to	ft	🗆 seepa	ge well			
				Static water le	vel _		ft (below /	above)	GL; □t	ape 🗀 airti	ne 🗆 E-	line 🗀 estimate			
				Pumping wate	r leve	1	ft below	GL;	□t	ape 🗆 airli	ne 🗆 E	-line □ estimate			
				At yield of		GPM;	orifice	l Colu	ımetric (□ estimate					
	Measurements taken at (AM / PM) Date / / /														
Remarks (includin	Water quality test? (yes/no) Date tested//														
				Tested by											
Well use	Contractor														
□ Comestic□ Livestock	Address														
☐ Test well	Driller Certification no.														
			(nislqxe)												