KRAIN PLACE HTC

WELL RECORD 8 5 8 7 4 - PWTS Permit N

PWTS Permit N

			Geological Survey Bureau PWTS Well 42-1319 PH (319) 335-1575	No.:				Co	unty Per	rmit N	0 201	7-033	34W	
Site identif	Drill method ✓ rotary ☐ auger ☐ cable other													
Property Own	er: CAMF	COURAGE	OUS EVENTS CENTE Other ID:	Hole size										
Address 1	- <u>12</u> inch	from	<u>o</u> ft	t	<u>20</u> ft	<u>6</u>	inch	from	480	ft t	615 ft			
Tenant 1		from	<u>20</u> ft	t	<u>480</u> ft		inch	from		ft t	ft			
Well Depth:	Vell Depth: 615 ft Date Completed: 5/30/2017													
Location		County 9	IONES COUNTY IOWA	Size (ID/OD	D)	Type/	Wt	Dep	th top	Dep	th bott	om	Amou	int (length)
mi. N	and	_mi. E of int	ersection of and	6 ID		STEEL S	CH40/.	+1		480			481	
1/4 of the		• •	of Sec <u>6</u> TW <u>85</u> RN <u>2</u> E W											
GPS Coordinate	eds (NAD83	datum only) dec	imal degrees:											
		N. Latitude	-91.113285 W. Longitude.											
Show exat locat	tion of well i	n section grid wit	h a dot (+), sketch map of well location on property.	Perforated	dors	lotted	casing	j?						
	Perforated Slotted from ft t										ft			
	Perforated Slotted from ft t									ft				
	- + -		N	Casing gro	outed	1? 🗸	Groute	ed Plac	ement me	ethod: J	HALL	BUR	TON	WI
w		E Mile		Туре			Depth t			th botto		0.0000	nount ((vol/wt)
				NEAT CEME	=NI			0			480	151	CU F	Т
			200 ft											
	S			Well Scree			Screen							
upland	hillside	valley l	evel surface Elevation (if known)	Diameter	SI	ot size	Dep	oth top	Depth bo	ottom	Len	ght	_ N	laterial
Formation	n log												-	
From To	Color	Hardness	Formation description	Bottom Cappe	od [with								
100.000	4 YELLOW		CLAY	Packers	eu [kind				depth				ft
4 14	0 YELLOW		LIMESONE	Seals		kind				depth				
140 186	0 GRAY		LIMESONE	Gravel packet	d [from				to				ft
180 220	0 WHITE		LIMESTONE	type amount										
220 33	5 LT TN		LIMESTONE	Well devel	oned	2	Well [Develope	ed					
335 435	5 GREEN		SHALE	Well developed? ✓ Well Developed Explain WITH AIR ✓ pumped airlifted bailed for 24 hrs at GPM										
435 442	2 LT TN		LIMESTONE											
442 473	3 DK BRN		SHALE	✓ pumped	a	minted _	_ balle	u ioi	<u> </u>	4 1115	at			OI W
473 585	5 LT TN		LIMESTONE	Pump insta	alled	?	Pump I	Installed			Da	te		
585 615	5 TAN	HARD	TIGHT LIMESTONE	Type of Pump Pump diameter				Patr	Depth ed Capaci	to Intak				ft GPM
							7.0					01		OI W
				Water information Main water-su	ipply z	one 1 fro	m <u>520</u>		Lim ft to <u>585</u>		ft \square		stone age we	ell
				Main water-su Static water le		one 2 from 355 ft (l		ove) Gl	ft to tape	☐ airl	ft	E-line		estimate
				Pump water le	100000	365 ft (t			✓ tape		line	E-lin		estimate
Remarks	(including o	lepth of lost drilling	ng fluids, materials, or tools)	At yield of	35 (GPM;	Orifice	e Volu	umetric	Estima	ate for		12	hours
	(11101000111)9			Measurement	taken	at <u>10</u>	0:00:00	MA C			Date			
				Water qual	ity te	st?					Date			
Well use		eat Pump	Commerical	Tested by										
Domestic	N	1unicipal	Monitoring	Contractor nar Adress		SINGERIO 331 HWY				CE, LLC	0			
Livestock Test Well	- Louis and	ublic Supply	Other	Driller VI INIT				-UIIA, IA		tification	n no .	1630		

6-8-2017