## WELL RECORD 57846

Permit No. <u>w2003-306</u>

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Site ide			1100	Drill metho	od	□ rotary □ aug	ger	other k	Reverse		
Property Owner Rural Water System #   Well Number 5A					Hole size hole size continued						
Address_	380+1	St.	Hospers, TA 51238	<u>24</u> inch	from 0	_ft to <u>270</u> ft	inch from	omft	toft		
Tenant						inch from ft to ft inch from ft to ft					
Well Depth 270 ft Date completed 8 / 1 / 03						Record all depth measurements from ground level (GL). Use (+) for above GL measurements.					
Location County Sioux						Record all depth measurements from ground lever (GL). Use (+) for above GL measurements.  Casing Drive shoe (yes / no) Pitless adapter (yes) / no)					
						Size (ID/OD)   Type / Wt   Depth top   Depth bottom   Amount (length)					
1/12 mi. N and 3/4 mi. E of intersection of 410 th St and Hwy 75						49	56 1054 +1.	5 2	50	251.5	
1/4 of the <u>Nw</u> 1/4 of the <u>Nw</u> 1/4 of Sec_\7_TWP95_RNG_\45_E											
Show exact lo	cation of well i	n section grid w	vith a dot (●).	Sketch map of well location on property.							
Г	N		T	N							
₩						Perforated or slotted casing? (yes fit toft					
S 200 ft						Casing grouted? (yes) no) Placement method Tremie					
upland hillside valley Elevation (if known)					Туре		Depth Top	Depth botto		nount (vol/wt)	
Formati					Neat Cer	nent	8	210	10	9 493	
From	То	Color	Hardness	Formation description							
0	2			Topsoil	Well scre	en? (ye	sx no)				
2	10	Br		Clay	Diameter	Slot siz		Depth Bottom	Length	Material	
10	199	65		Clay	12	0.06	0 250	270	20	5,5,	
						0	_				
199	225	65	,	Fine Sand	Bottom capped (Vest no) with Stainless Steel Plate						
225	270			Coarse to Fine Sand	Seals / Packers ( yes / To ) kind depth ft						
					Gravel packed (VES) no) from 210 ft to 270 ft						
					type NGC #2 amount 12 Ton						
			1	4	Well developed? (yes)no)						
					Explain Surge + Bail						
					( pumped, airlifted, bailed ) for hrs at GPM.						
					Pump installed? (yes no) Date//						
						Installer's name Ton Clay					
						Depth to intake 248 ft					
					Pump diameter 6 Rated capacity 300 GPM						
					Water int	formation	On Aquifer: [	≾sand / gravel	□ limestone	sandstone	
						Main water-supply zone from <u>250</u> ft to <u>270</u> ft □ seepage well  Static water level <u>217</u> ft (below) above ) GL; ⊠tape □ airline □ E-line □ estimate					
						Pumping water level <u>240</u> ft below GL; □tape □ airline □ E-line ⊠estimate					
						At yield of 400 GPM; ☑ orifice □ volumetric □ estimate					
use additional sheets as needed					Measurements taken at : (AM / PM ) Date / /						
Remarks (including depth of lost drilling fluids, materials, or tools)											
Homai	No (moldan	ing deput of it	ost arming nara	o, materials, or tools,			st? (yes) no)	Date	tested	//	
						Tested by Rural Water#1					
Well use						10	une-Weste	m			
☐ Domestic ☐ Municipal ☐ Commercial						Address 5600 Gateway Drive, Suite B Grimes					
☐ Livestock ☐ Public supply ☐ Monitoring ☐ Test well ☐ Irrigation ☐ Other						Driller A. Sherman Certification no. 40647					
(explain)						Uniler A. Sherman Gertilication 110. 40647					