58053

Permit No. \_\_\_\_\_

Site identification						od	□ rotary	□ aı	uger 🗆 c	cable	other <u>B</u>	nucket	
Property Owner Xenia Rural Water, Well Number 2					Hole size hole size continued								
Address 3397 - 330 5 5t. Dayton, IA						from 0	_ft to _	75 ft	inch	from	ft	toft	
Tenant Xenia Rural Water ASSC.													
Well Depth 75 ft Date completed 9 / 23 / 03					inch fromft toft inch fromft toft  Record all depth measurements from ground level (GL). Use (+) for above GL measurements.								
Location County Nebster					Casing Drive shoe (yes / no) Pitless adapter (yes / no)								
	Size (ID/OD)   Type / Wt   Depth top   Depth bottom   Amount (length)												
mi.	16" OD 375" + 2' -50'					52'							
NE 1/4 of the N W 1/4 of the Sec . 1 1/4-5 Sec 36 TWP 87 N RNG 21 E Show exact location of well in section grid with a dol 1. Sketch map of well location on property.													
Show exact location of well in section gnd with a dot (•). Sketch map of well location on property.													
N													
						Perforated or slotted casing? (yes no							
W E E					Perforated / slotted fromft toft								
					Perforated / slotted fromft toft						ft		
S 200 ft						outed?	yes/no)		Placement m	nethod	remi	ie	
upland	Туре			Тор	Depth		Am	ount (vol/wt)					
Formation log					Neat ce	ment	6'		45	5'	78	Sacks	
From /	To	Color	Hardness	Formation description									
0	75	Brn	Sand	very fine Sand	Well scree	_							
					Diameter	Slot siz	-	oth Top	Depth Bott	-	ength	Material	
					16"	0. <u>10</u>		50'	75	0	25	55	
					Dollar connec				n/at	0			
					Bottom capped (yes/no)   with   S.S.   plate								
Variation of					type #3 amount								
					Well developed? (yes/no)								
					Explain mud remover, surged, > bailed								
					( pumped, airlifted, bailed ) forhrs at GPM.								
					Pump installed? (yes no Date//						/		
	Installer's name Depth to intakeft												
			Pump diameter Rated capacity GPM										
					Water information Aquifer: ★Sand / gravel □ limestone □ sandstone								
					Main water-supply zone from <u>27</u> ft to <u>75</u> ft □ seepage well								
					Static water level 26 ft (below) above ) GL; X tape   airline   E-line   estimate								
					Pumping water level 42 ft below GL; Stape airline E-line estimate  At yield of 943 GPM; Morifice volumetric estimate								
			IISA :	additional sheets as needed	Measurements taken at 4:15 (AM PM) Date 10 / 8 / 03								
Remarks (including depth of lost drilling fluids, materials, or tools)													
(					Water quality test? (yes/no) Date tested// Tested by								
Well use					Contractor	C	hou	PIA	1 50	rvice	,		
☐ Domestic ☐ Municipal ☐ Commercial ☐ Livestock ※ Public supply ☐ Monitoring					Contractor Cahoy Pump Service Address Fredericksburg, IA								
☐ Test well ☐ Irrigation ☐ Other					Driller D. Cahov Certification no. 40619								
				(explain)			100)	1					