WELL RECORD

lowa Department of Natural Resources – Geological Survey 109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

PWTS Permit No. ______ 69445 PWTS Well No.

	ntificatio				(145	Drill meth	od	Crotaly	□a	uger (] cable	other	Reverse	raan	
Property Owner City of Logan, Ioun Other ID							Hole size hole size continued								
Address P.O. Box 127; 108 W 4th St., Logan, Town 51546							from 0	ft to	<u>77</u> 11	in	ch from	ft	tof	t 🗀	
Tenant	inch	from	ft to		in	ch from		to f	.						
Well Depth 47 ft Date completed 12/ 1 / 09															
Location County Harrison						Record all depth measurements from ground level (GL). Use (+) for above GL measurements. Casing Drive since (yes mo) Pritess adapter (yes/no)									
						Casing									
mi.	12" I.D.	49.56	5 Wall 165/94.	Ť	2	3	39	41							
ml. N andml. E of Intersection of and								<u> </u>	ļ 						
GPS Coordinates (NAD83 datum only) decimal degrees:															
<u>41.6610</u> N. Latitude <u>95.7599</u> W. Longitude.									<u></u>						
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.						Perforated or slotted casing? (yes 100)									
	Perforated / sid	otted	from		ft	to		ft							
N N N N N N N N N N N N N N N N N N N						Perforated / sie	otted	from		ft	to		ft		
						Casing grouted? (SEDno) Placement method Gravity									
w 						Туре	1	Depth	top		bottom		ount (vol/wt)		
┢┾┾╃┩│						Nest cone	at	t 10°		28		66	66 Bag 5		
S 200 h						1			28			- 1	8 Bags		
□ upland □ hälside □ valley 🖄 level surface = Elevation (if known)						Well scre		/ no)					•		
Formation log						Diameter	Slot size		pth top	Depth bo	ttom	Length	Material Starv to		
Frem	To	Color	Hardness	Formation description		12"	0.096		39	4	7	8'	Stee		
0	10.3			Bern constructed	· f		0		·					_	
				compacted soil		Bottom capped (yes) no) with <u>Stashless steel plate</u>									
10.3	31			Clay		Seals / Packers (yes (no) kind depth 1t Gravel packed (469/no) from 30 ft to 47 ft									
31	46. 5			Medium to course		Gravel packed (1989/no) from 30 ft to 47 ft type 80 s lot Red F(not amount 6,000 165									
		Well daysland?								to I Red I	<u>-10</u> 41 a	nount 10	000 (15	\dashv	
46.5	4 7			Gray shale		weil developed? (785) no) Explain An (1444									
				-		(pumped_affifited_balled) for hrs at 180GPM									
						Pump installed? (yes/no) Date 2 / 32/ 10									
							Installer's name Cchoy Rump Sorusce								
							Type of pump Grand for 150375-4 Depth to intake 36 ft								
							Pump diameter 6 H Rated capacity 110 @ 1801 TOH GPM								
						Water info	rmation	l Ac	quifer: 5	sand / gra	vel 🗆 li	mestone	sandstone	,	
						Main water-supply zone from <u>39</u> ft to <u>47</u> ft □seepage well									
					• • • • •	Static water level									
						Pumping water	Pumping water level <u>26</u> ft below GL; □tape □airline 図E-line □estimate								
						At yield of	<i>18</i> 6 G	PM; (SSPOri	fice 🗆 vo	lumetric 🗆	estimate	for <u>2</u>	4 hours		
use additional sheets as needed						Measurements taken at 3:00 (AM/PM) Date 1218/09									
Remarks (including depth of lost drilling fluids, materials, or tools) Well \$5						Water qua	lity test	? 10001	no)		Date test	ed /2	8 109	,	
After well was drilled rasing was extended and a 10.3' bern was constructed ; all measurements are from							landy				Jato 10311	<u></u>	<u> </u>	-	
top of finished berm. Well use												P		\dashv	
□ Dom	Contractor_(Address_4/	aha	y Pu	mp	<u> کعہ ہ</u>	28	<u>a</u> n	<u>e -</u>	_						
☐ Livestock ☐ Public supply ☐ Other														Z6 3c	
							ren F	tases	^		Certi	tication n	30.51	- 1	