





## CAHOY PUMP SERVICE & GREAT LAKES WATER RESOURCES GROUP

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### DRILLER'S LOG

CLIENT: MP&W

WELL: #49 Production

DATE STARTED: 9/18/2017

DATE COMPLETED: 9/22/2017

DRILLER/LIC.#: 8294

County: Muscatine

GPS: 41° 23.063N 91° 06.063W

\_\_\_ mi N/S and \_\_\_ mi E/W of intersection of Hwy 61 and 33<sup>rd</sup> Street

\_\_\_ ¼ of the \_\_\_ ¼ of the \_\_\_ ¼ of \_\_\_ Sec \_\_\_ TWP \_\_\_ RNG \_\_\_ E/W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
Bit	6'6"	6'6"	Topsoil	0'	1'
Kelly	22' 6"	29'	Fine to medium brown	1'	10'
1 <sup>st</sup> rod	21'	50'	Sand w/pebbles		
2 <sup>nd</sup> rod	21'	71'	Medium brown sand	10'	20'
3 <sup>rd</sup> rod	21'	92'	W/pebbles		
4 <sup>th</sup> rod	21'	113'	Fine to medium brown	20'	21'
5 <sup>th</sup> rod	21'	134'	Sand		
			Fine brown sand	21'	26'
			Fine to medium brown sand	26'	42'
			Medium brown sand w/pebbles	42'	43'
			Fine to medium sand w/pebbles	43'	60'
			Fine brown sand	60'	78'
			Medium sand, pebbles & cobbles, large gravel	78'	91' **
			Fine to medium gray sand	91'	96'
			Fine gray sand	96'	109'

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
			Fine to medium gray sand w/pebbles and gravel	109'	120'
5 <sup>th</sup>	21'	134'	Fine gray sand	120'	128'
			Fine gray sand w/pebbles	128'	132'
			Bedrock	132'	132' 6"
<b>Screen &amp; casing</b>					
Screen		20' 4 1/2"	20' 4 1/2"		
Screen w/30' leader		23' 9"	44' 1 1/2"		
Casing		19' 3 5/8"	63' 5 1/8"		
Casing		19' 3 7/8"	82' 9"		
Casing		19' 3 1/4"	102' 1/4"		
Casing		19' 3 5/8"	121' 3 7/8"		
Casing		19' 3 1/2"	104' 7 38/100" total		

\*\*81'-enlarged borehole to 84'

OWNER: MP & W  
WELL: #49 Production  
DATE: 09/22/2017  
GPS: 41° 23.063N 91° 06.063W

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