



### CAHOY PUMP SERVICE

SUMNER, IA  
Corporate Office  
563-578-1130

Cahoy-West  
712-781-2030  
Marne, Iowa

CPS-III North  
815-248-1049  
Durand, Illinois

Cahoy Illinois South  
217-732-9997  
Lincoln, Illinois

## WELL TEST DATA SHEET

CLIENT: Wiota

WELL: 5

DATE: 12/11/2019

TESTED BY: Kenny

PUMP MODEL:

AIRLINE LENGTH: NA

WELL DIAMETER: 12"

ORIFICE SIZE: 4x3

DEPTH OF WELL: 172'2"

MOTOR: 40hp Hitachi

STATIC WATER LEVEL: 41'

GENERATOR USED: No Yes

BEGIN HOURS: 5310.6

END HOURS: 5316.9

STEP-RATE TEST

CONSTANT RATE TEST

PRE-TREATMENT

POST-TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 2.2 FEET FROM EXISTING GROUND/FLOOR LEVEL.

TIME	Piezometer READING (ft.)	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH	Spec Cap	Sand PPM
7:15	5.0"	88		46.1	5.1	78 180.18	226.28	17.25	
8:15	5.0"	88		46.8	5.8	78 180.18	226.98	15.17	
8:16	6.5"	101		48.0	7.0	73 168.63	216.63	14.29	
9:16	6.5"	101		48.7	7.7	73 168.63	217.33	13.12	
9:17	10.0"	125		49.8	8.8	70 161.70	211.50	14.20	
10:17	10.0"	125		49.9	8.9	70 161.70	211.60	14.04	
10:18	14.5"	151		50.2	9.2	67 154.77	204.97	16.20	
11:18	14.5"	151		50.9	9.9	67 154.77	205.97	15.25	
11:19	19.5"	175		53.8	12.8	52 120.12	173.92	13.67	
12:20	19.5"	175		53.9	12.9	52 120.12	173.92	13.67	
12:23	25.5"	200		57.0	16.0	42 97.02	154.02	12.50	
1:23	25.5"	200		57.5	16.5	42 97.02	154.02	12.12	



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## WELL TEST DATA SHEET

CLIENT: Wiota

WELL: 5

DATE: 12/11/2019

TESTED BY: Kenny

PUMP MODEL: American Marsh 6x6

AIRLINE LENGTH: NA

WELL DIAMETER: 12"

ORIFICE SIZE: 4x3

DEPTH OF WELL: 172'2"

MOTOR: 40hp Hitachi 460V

STATIC WATER LEVEL: 41'

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GENERATOR USED: No      Yes

BEGIN HOURS: 5316.9

END HOURS: 5340.1

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STEP-RATE TEST

CONSTANT RATE TEST

PRE-TREATMENT

POST-TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 22" FROM EXISTING GROUND/FLOOR LEVEL.

TIME	Piezometer READING (ft.)	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH	Spec Cap	Sand PPM
2:00	25.5	200				42 97.02			
2:01	25.5	200		55.0	14.0	42 97.02	152.02	14.24	
2:02	25.5	200		55.1	14.1	42 97.02	152.02	14.10	
2:03	25.5	200		55.3	14.3	42 97.02	152.21	13.99	
2:04	25.5	200		55.5	14.5	41 94.71	150.21	13.79	
2:05	25.5	200		55.8	14.8	41 94.71	150.71	13.51	
2:010	25.5	200		56.0	15.0	41 94.71	150.91	13.33	
2:15	25.5	200		56.2	15.2	41 94.71	151.31	13.16	
2:20	25.5	200		56.6	15.6	41 94.71	151.51	12.82	
2:25	25.5	200		56.8	15.8	41 94.71	151.71	12.66	
2:30	25.5	200		57.0	16.0	41 94.71	151.91	12.50	
2:35	25.5	200		57.2	16.2	41 94.71	152.11	12.35	
2:40	25.5	200		57.4	16.4	41 94.71	152.31	12.20	
2:45	25.5	200		57.6	16.6	41 94.71	152.51	12.04	
2:50	25.5	200		57.8	16.8	41 94.71	152.71	11.90	
2:55	25.5	200		58.0	17.0	41 94.71	152.91	11.76	
3:00	25.5	200		58.2	17.2	41 94.71	152.91	11.63	152.91
3:20	25.5	200		58.2	17.2	41 94.71	152.91	11.63	152.91
3:40	25.5	200		58.2	17.2	41 94.71	148.09	11.63	153.01
4:00	25.5	200		58.2	17.2	39 90.09	148.29	11.63	
4:30	25.5	200		58.2	17.2	39 90.09	148.29	11.63	
5:00	25.5	200		58.2	17.2	39 90.09	148.29	11.63	
6:00	25.5	200		58.2	17.2	39 90.09	148.29	11.63	
7:00	25.5	200		58.3	17.2	39 90.09	148.29	11.63	
8:00	25.5	200		58.3	17.3	39 90.09	148.39	11.56	
9:00	25.5	200		58.4	17.3	39 90.09	148.39	11.56	
10:00	25.5	200		58.4	17.4	39 90.09	148.89	11.49	
11:00	25.5	200		58.5	17.4	39 90.09	148.89	11.49	
12:00am	25.5	200		58.5	17.5	39 90.09	148.79	11.43	
1:00	25.5	200		58.5	17.5	39 90.09	148.79	11.43	
2:00	25.5	200		58.6	17.5	39 90.09	148.79	11.43	
3:00	25.5	200		58.6	17.6	39 90.09	148.69	11.36	
4:00	25.5	200		58.6	17.6	39 90.09	148.69	11.36	
5:00	25.5	200		58.7	17.6	39 90.09	148.69	11.36	
6:00	25.5	200		58.7	17.7	39 90.09	148.79	11.30	
7:00	25.5	200		58.7	17.7	39 90.09	148.79	11.30	
8:00	25.5	200		58.7	17.7	39 90.09	148.79	11.30	
9:00	25.5	200		58.7	17.7	39 90.09	148.79	11.24	

TIME	Piezometer READING (ft.)	11.24GP M	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH	Spec Cap	Sand PPM
10:00		200		58.8	17.8	39 90.09	148.89	11.24	
11:00		200		58.8	17.8	39 90.09	148.89	11.24	
12:00		200		58.8	17.8	39 90.09	148.89	11.24	
1:00		200		58.8	17.8	39 90.09	148.89	11.24	
2:00		200		58.8	17.8	39 90.09	148.89	11.24	
Recovery									
2:00				47.3					
2:01				47.3					
2:02				41.0					
2:03				46.0					
2:04				45.9					
2:05				45.8					
2:10				45.1					
2:15				45.0					
2:20				44.8					
2:25				44.6					
2:30				44.2					
2:35				44.0					
2:40				43.9					
2:45				43.9					
2:50				43.9					
2:55				43.8					
3:00				43.8					
3:20				43.6					
3:40				43.0					
4:00				43.0					
4:30				42.8					
5:00				42.4					
5:30									
6:00									