

**CAHOY PUMP SERVICE**

SUMNER, IA
Corporate Office
563-578-1130

MARNE, IA
712-781-2030

CPS-III North
Durand, Illinois

Cahoy Illinois South
Lincoln, Illinois

WELL TEST DATA SHEET

CLIENT: Amana Service Society

WELL: Middle Amana #17

DATE: 07/11 & 07/12/2018

TESTED BY: Lloyd and Austin

PUMP MODEL: Goulds 75GS100

AIRLINE LENGTH: Probe

DIAMETER: 10"

ORIFICE SIZE: 2 x 4

DEPTH OF WELL: 34' 4"

MOTOR: Centripro 10hp

Production SWL: 10'

GENERATOR USED: No **Yes-GN1**

BEGIN HOURS: 2877

END HOURS: 2902

STEP-RATE TEST

CONSTANT RATE TEST

PRE-TREATMENT

POST-TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 30" FROM EXISTING
GROUND/FLOOR LEVEL. Length of discharge line: 200'

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	SWL of well 16
7:14	32	85.4	15.90	5.90	X	14.47	9.5
	32	85.4	16.90	6.90	X	12.37	
7:15	32	85.4	17.00	7.00	X	12.20	
	32	85.4	17.00	7.00	X	12.20	
7:16	32	85.4	17.00	7.00	X	12.20	
	32	85.4	17.00	7.00	X	12.20	
7:17	32	85.4	17.00	7.00	X	12.20	
	32	85.4	17.00	7.00	X	12.20	
7:18	32	85.4	17.00	7.00	X	12.20	
	32	85.4	17.00	7.00	X	12.20	
7:19	32	85.4	17.00	7.00	X	12.20	
7:20	32	85.4	17.00	7.00	X	12.20	
7:21	32	85.4	17.00	7.00	X	12.20	9.5
7:22	32	85.4	17.00	7.00	X	12.20	
7:23	32	85.4	17.00	7.00	X	12.20	
7:24	32	85.4	17.10	7.10	X	12.02	
7:25	32	85.4	17.10	7.10	X	12.02	
7:26	32	85.4	17.10	7.10	X	12.02	
7:27	32	85.4	17.20	7.20	X	11.86	
7:28	32	85.4	17.20	7.20	X	11.86	
7:29	32	85.4	17.20	7.20	X	11.86	
7:30	32	85.4	17.20	7.20	X	11.86	
7:31	32	85.4	17.20	7.20	X	11.86	
7:32	32	85.4	17.20	7.20	X	11.86	
7:33	32	85.4	17.20	7.20	X	11.86	
7:34	32	85.4	17.20	7.20	X	11.86	
7:39	32	85.4	17.20	7.20	X	11.86	
7:44	32	85.4	17.20	7.20	X	11.86	9.5
7:49	32	85.4	17.20	7.20	X	11.86	
7:54	32	85.4	17.25	7.25	X	11.77	
7:59	32	85.4	17.30	7.30	X	11.69	
8:04	32	85.4	17.30	7.30	X	11.69	
8:09	32	85.4	17.35	7.35	X	11.61	
8:14	32	85.4	17.36	7.36	X	11.60	
8:24	32	85.4	17.38	7.38	X	11.57	
8:34	32	85.4	17.40	7.40	X	11.54	

Form revision Date: 07/11/2018

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	SWL of well 16
8:44	32	85.4	17.40	7.40	X	11.54	
8:54	32	85.4	17.40	7.40	X	11.54	
9:04	32	85.4	17.40	7.40	X	11.54	
9:14	32	85.4	17.40	7.40	X	11.54	
9:44	32	85.4	17.40	7.40	X	11.54	
10:14	32	85.4	17.40	7.40	X	11.54	
10:44	32	85.4	17.40	7.40	X	11.54	
11:14	32	85.4	17.50	7.40	X	11.54	9.5
12:14pm	32	85.4	17.50	7.50	X	11.38	
1:14	32	85.4	17.50	7.50	X	11.38	
2:14	32	85.4	17.50	7.50	X	11.38	
3:14	32	85.4	17.50	7.50	X	11.38	
4:14	32	85.4	17.55	7.55	X	11.19	9.5
5:14	32	85.4	17.55	7.55	X	11.19	
6:14	32	85.4	17.55	7.55	X	11.19	
7:14	32	85.4	17.55	7.55	X	11.19	
8:14	32	85.4	17.55	7.55	X	11.19	
9:14	32	85.4	17.55	7.55	X	11.19	
10:14	32	85.4	18.00	8.00	X	11.19	
10:14	32	85.4	18.00	8.00	X	11.19	
11:14	32	85.4	18.00	8.00	X	11.19	
12:14am	32	85.4	18.00	8.00	X	11.19	
1:14	32	85.4	18.00	8.00	X	11.19	
2:14	32	85.4	18.00	8.00	X	11.19	
3:14	32	85.4	18.00	8.00	X	11.19	
4:14	32	85.4	18.00	8.00	X	11.19	
5:14	32	85.4	18.00	8.00	X	11.19	
6:14	32	85.4	18.00	8.00	X	11.19	9.5
7:14	32	85.4	18.00	8.00	X	10.67	End of 24-hr test
Recovery					X		
7:14			11.40		X		9.5
7:15			11.40		X		
			11.40		X		
7:16			11.40		X		
			11.40		X		
7:17			11.40		X		

Form revision Date: 07/11/2018

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	SWL of well 16
7:17			11.40		X		
7:18			11.40		X		
			11.40		X		
7:19			11.40		X		
			11.40		X		9.5
7:20			11.30		X		
7:21			11.30		X		
7:22			11.30		X		
7:23			11.20		X		
7:24			11.20		X		
7:25			11.10		X		
7:26			11.10		X		
7:27			11.10		X		
7:28			11.00		X		
7:29			11.00		X		
7:30			11.00		X		
7:31			11.00		X		
7:32			10.90		X		
7:33			10.90		X		
7:34			10.90		X		
7:35			10.80		X		
7:40			10.80		X		
7:45			10.80		X		
7:50			10.80		X		
7:55			10.70		X		
8:00			10.70		X		
8:05			10.60		X		
8:10			10.60		X		
8:15			10.60		X		
8:25			10.60		X		
8:35			10.60		X		
8:45			10.55		X		
8:55			10.55		X		
9:00			10.55		X		
9:10			10.50		X		
9:20			10.50		X		

Form revision Date: 07/11/2018

[illegible]

Form revision Date: 07/11/2018