CAHOY PUMP SERVICE

SUMNER, IA
Corporate Office
563-578-1130

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CPS-Ill North
Durand, Illinois

Cahoy Illinois South
Lincoln, Illinois

WELL TEST DATA SHEET

CLIENT: Amana Service Society

WELL: High Amana #12

DATE: 6/20/2018 thru 6/21/2018

TESTED BY: Lloyd and Antonio

PUMP MODEL: Goulds 75GS100

AIRLINE LENGTH: Probe

DIAMETER: 10"

ORIFICE SIZE: 2"x4"

DEPTH OF WELL: 39' 4" TOC

MOTOR: Centripro 10hp

STATIC WATER LEVEL: 18.2'

GENERATOR USED: No Yes-GN2

BEGIN HOURS: 5101 END HOURS:

STEP-RATE TEST CONSTANT RATE TEST

PRE-TREATMENT POST –TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 2' 6" FROM EXISTING GROUND/FLOOR LEVEL.

TIME	Piezometer READING (ft.)	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	TDH	Spec Cap	SWL of well	
1:30pm	18.5	65.0		19.00				20	
1:31	18.5	65.0		19.00			29.54	20	
1:32	18.5	65.0		20.00	2.2		29.54	20	
1:33	18.5	65.0		20.40	2.2		29.54	20	
1:34	18.5	65.0		20.40	2.2		29.54	20	
1:35	18.5	65.0		20.40	2.2		29.54	20	
1:36	18.5	65.0		20.40	2.2		29.54	20	
1:37	18.5	65.0		20.40	2.2		29.54	20	
1:38	18.5	65.0		20.40	2.2		29.54	20	
1:39	18.5	65.0		20.40	2.2		29.54	20	
1:40	18.5	65.0		20.40	2.2		29.54	20	
1:41	18.5	65.0		20.40	2.2		29.54	20	
1:42	18.5	65.0		20.40	2.2		29.54	20	
1:43	18.5	65.0		20.40	2.2		29.54	20	
1:44	18.5	65.0		20.40	2.2		29.54	20	
1:45	18.5	65.0		20.40	2.2		29.54	20	
1:46	18.5	65.0		20.40	2.2		29.54	20	
1:47	18.5	65.0		20.40	2.2		29.54	20	
1:48	18.5	65.0		20.40	2.2		29.54	20	
1:49	18.5	65.0		20.40	2.2		29.54	20	
1:50	18.5	65.0		20.40	2.2		29.54	20	
1:55	18.5	65.0		20.40	2.2		29.54	20	
2:00	32.0	85.4		20.40	2.8		30.50	20	Bumped up gpm per Greg Brennan
2:05	32.0	85.4		20.40	2.2		30.50	20	
2:10	32.0	85.4		20.40	2.2		30.50	20	
2:15	32.0	85.4		20.40	2.2		30.50	20	
2:20	32.0	85.4		20.40	2.8		30.50	20	
2:25	32.0	85.4		21.00	2.8		30.50	20	
2:30	32.0	85.4		21.00	2.8		30.50	20	
2:40	32.0	85.4		21.00	2.8		30.50	20	
2:50	32.0	85.4		21.00	2.8		30.50	20	
3:00	32.0	85.4		21.00	2.8		30.50	20	
3:30	32.0	85.4		21.40	3.2		26.68	20	
4:00	32.0	85.4		21.40	3.2		26.68	20	
4:30	32.0	85.4		21.40	3.2		26.68	20	
5:00	32.0	85.4		21.40	3.2		26.68	20	
6:00	32.0	85.4		21.50	3.3		25.87	20	

Form revision Date: 07/11/2017

TIME	Piezometer READING (ft.)	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	TDH	Spec Cap	SWL of well
7:00	32.0	85.4		21.50	3.3		25.87	20
8:00	32.0	85.4		21.60	3.4		25.11	20
9:00	32.0	85.4		21.60	3.4		25.11	20
10:00	32.0	85.4		21.70	3.5		24.40	20
11:00	32.0	85.4		21.70	3.5		24.40	20
12:00am	32.0	85.4		21.80	3.6		23.72	20
1:00	32.0	85.4		21.80	3.6		23.72	20
2:00	32.0	85.4		21.80	3.6		23.72	20
3:00	32.0	85.4		21.80	3.6		23.72	20
4:00	32.0	85.4		21.80	3.6		23.72	20
5:00	32.0	85.4		21.80	3.6		23.72	20
6:00	32.0	85.4		21.80	3.6		23.72	20
7:00	32.0	85.4		21.80	3.6		23.72	20
8:00	32.0	85.4		21.80	3.6		23.72	20
9:00	32.0	85.4		21.80	3.6		23.72	20
10:00	32.0	85.4		21.80	3.6		23.72	20
11:00	32.0	85.4		21.80	3.6		23.72	20
		Approved by Greg Brennan to stop test						
			End of 24 hrs					
Recovery				18.80				
11:06				18.80				
11:07				18.80				
11:08				18.80				
11:09				18.80				
11:10				18.80				
11:11				18.80				
11:12				18.80				
11:13				18.80				
11:14				18.80				
11:15				18.80				
11:16				18.80				
11:17				18.80				
11:18				18.80				
11:19				18.80				
11:20				18.80				
11:21				18.80				

TIME	Piezometer READING (ft.)	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	TDH	Spec Cap	~~Sand PPM~~
11:22				18.80				
11:23				18.80				
11:24				18.80				
11:25				18.60				
11:26				18.60				
11:27				18.60				
11:32				18.60				
11:37				18.60				
11:42				18.60				
11:47				18.60				
11:52				18.60				
11:57				18.60				
12:02				18.60				
12:07				18.50				
12:17				18.50				
12:27				18.50				
12:37				18.50				
12:47				18.40				
12:57				18.40				
1:07				18.40				
1:37				18.40				
2:07				18.35				
2:37				18.30				

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