

**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

WELL: High Amana #13

DATE: 6/25 & 6/26/2018

TESTED BY: Lloyd and Antonio

PUMP MODEL: Goulds 75GS100

AIRLINE LENGTH: Probe

DIAMETER: 10" well

ORIFICE SIZE: 2" x 4"

DEPTH OF WELL: 40' 4" TOC

MOTOR: Centripo 10hp 460V

Production SWL: 19.2'

GENERATOR USED: No **Yes-GN2**

BEGIN HOURS: 5123

END HOURS: 5147

STEP-RATE TEST

CONSTANT RATE TEST

PRE-TREATMENT

POST -TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 3 FEET FROM EXISTING
GROUND/FLOOR LEVEL. Length of discharge line: 200'

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH	Spec Cap	SWL of well 12
10:30	32	85.4	23.00	3.80			22.47	17' 0"
	32	85.4	23.00	3.80			22.47	
10:31	32	85.4	23.10	3.90			21.89	
	32	85.4	23.10	3.90			21.89	
10:32	32	85.4	23.20	4.00			21.35	
	32	85.4	23.20	4.00			21.35	
10:33	32	85.4	23.25	4.05			21.08	
	32	85.4	23.28	4.08			20.93	
10:34	32	85.4	23.20	4.11			20.77	
	32	85.4	23.37	4.17			20.47	
10:35	32	85.4	23.42	4.22			20.23	
10:36	32	85.4	23.50	4.30			19.86	
10:37	32	85.4	23.55	4.35			19.63	17' 1"
10:38	32	85.4	23.59	4.39			19.45	
10:39	32	85.4	23.63	4.43			19.27	
10:40	32	85.4	23.67	4.47			19.10	
10:45	32	85.4	23.70	4.50			18.97	
10:50	32	85.4	23.70	4.50			18.97	
10:55	32	85.4	23.85	4.65			18.36	
11:00	32	85.4	23.90	4.70			18.17	17' 3"
11:05	32	85.4	23.95	4.75			17.97	
11:10	32	85.4	24.00	4.80			17.79	
11:15	32	85.4	24.00	4.80			17.79	
11:20	32	85.4	24.10	4.90			17.42	
11:30	32	85.4	24.15	4.95			17.25	
11:40	32	85.4	24.20	5.00			17.08	
11:50	32	85.4	24.25	5.05			16.91	
12:00pm	32	85.5	24.30	5.10			16.74	17' 2"
12:10	32	85.4	24.35	5.15			16.58	
12:20	32	85.4	24.35	5.15			16.58	17' 2"
12:50	32	85.4	24.40	5.20			16.25	
1:20	32	85.4	24.45	5.25			16.26	
1:50	32	85.4	24.50	5.30			16.11	
2:20	32	85.4	24.55	5.35			15.96	
3:20	32	85.4	24.60	5.40			15.81	17' 3"
4:20	32	85.4	24.65	5.45			15.66	17' 0"

Form revision Date: 07/11/2017

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH	Spec Cap	SWL of well 12
5:20	32	85.4	24.70	5.50			15.52	
6:20	32	85.4	24.75	5.55			15.38	
7:20	32	85.4	24.80	5.60			15.25	
8:20	32	85.4	24.85	5.65			15.11	
9:20	32	85.4	24.90	5.70			14.98	
10:20	32	85.4	24.95	5.75			14.85	
11:20	32	85.4	25.00	5.80			14.72	17' 4"
12:20am	32	85.4	25.02	5.82			14.67	
1:20	32	85.4	25.05	5.85			14.59	
2:20	32	85.4	25.09	5.89			14.49	
3:20	32	85.4	25.10	5.90			14.47	
4:20	32	85.4	25.15	5.95			14.35	
5:20	32	85.4	25.15	5.95			14.35	
6:20	32	85.4	25.15	5.95			14.35	17' 8"
7:20	32	85.4	25.15	5.95			14.35	17' 9"
8:20	32	85.4	25.20	6.00			14.23	17' 9"
9:20	32	85.4	25.20	6.00			14.23	
10:30	32	85.4	25.20	6.00			14.23	
Recovery								
10:30								
		21.50						
10:31		21.40						
		21.35						
10:32		21.32						
		21.23						
10:33		21.20						
		21.18						
10:34		21.15						
		21.10						
10:35		21.08						
10:36		21.00						
10:37		20.98						
10:38		20.92						
10:39		20.85						
10:40		20.80						17' 5"
10:45		20.78						

Form revision Date: 07/11/2017

1

U