



CAHOY PUMP SERVICE

(833-728-1288)

SUMNER, IA
Corporate Office

MARNE, IA

Durand, IL

Lincoln, IL

Cahoy High Plains, WY

WELL TEST DATA SHEET

CLIENT: Lisbon

WELL: 5

DATE: 08/09/2023

TESTED BY: Ray S & Brady F

PUMP MODEL: Franklin 550STS

AIRLINE LENGTH: 204'

WELL DIAMETER: 12"

ORIFICE SIZE: Meter

DEPTH OF WELL: 380'

MOTOR: 60HP Franklin 460v 6"

STATIC WATER LEVEL: 13'

GENERATOR USED: No Yes Gen 1 / Gen 2

BEGIN HOURS: _____ END HOURS: _____ *Hour meter doesn't work

STEP-RATE TEST

CONSTANT RATE TEST

PRE-TREATMENT

POST-TREATMENT

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

TIME	Piezometer READING	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH (ft)	Spec Cap	Sand PPM
7:30 AM	NA	430	122	82	69			6.23	
7:37	NA	430	119	85	72			5.97	
Had to move hoses per Engineer									
8:10	NA	400	125	79	66			6.06	
8:15	NA	400	120	84	71			5.6	
8:20	NA	400	118	86	73				
8:24	NA	400	115	89	76				
8:27	NA	400	114	90	77				
8:32	NA	400	114	90	77				
8:35	NA	400	112	92	79				
Generator Dies									
10:43	NA	400	135	69	56			7.1	0
10:44	NA	400	135	69	56			7.1	0
10:46	NA	400	132	72	59			6.75	0
10:48	NA	400	130	74	61			6.56	0
10:51	NA	400	128	76	63			6.35	0
10:52	NA	400	126	78	65			6.15	0
10:54	NA	400	124	80	67			5.97	0
10:57	NA	400	124	80	67			5.97	0
11:00	NA	400	122	82	69			5.8	0
11:03	NA	400	120	84	71			5.63	0
11:06	NA	400	118	86	73			5.48	0
11:09	NA	400	118	86	73			5.48	0
11:12	NA	400	117	87	74			5.40	0
11:15	NA	400	117	87	74			5.40	0
11:20	NA	400	116	88	75			5.33	0
11:25	NA	400	115	89	76			5.26	0
11:30	NA	400	114	90	77			5.19	0
11:35	NA	400	113	91	78			5.13	0
11:40	NA	400	112	92	79			5.06	0
11:45	NA	400	110	94	81			4.94	0
11:50	NA	400	109	95	82			4.88	0
12:00	NA	400	107	97	84			4.76	0
12:10	NA	400	106	98	85			4.71	0
12:20	NA	400	103	101	88			4.55	0
12:30	NA	400	102	102	89			4.49	0
12:40	NA	400	101	103	90			4.44	0
12:50	NA	400	100	104	91			4.40	0
1:00	NA	400	99	105	92			4.35	0
1:10	NA	400	98	106	93			4.30	0
1:20	NA	400	97	107	94			4.26	0
1:30	NA	400	95	109	96			4.17	0
1:40	NA	400	95	109	96			4.17	0

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TIME	Piezometer READING	GPM	Air Gauge	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	TDH (ft)	Spec Cap	Sand PPM
1:50 PM	NA	400	94	110	97			4.12	0
2:00	NA	400	92	112	99			4.04	0
3:00	NA	400	91	113	100			4.00	0
4:00	NA	400	90	114	101	92 /212.52	325.52	3.96	0
5:00	NA	400	89	115	102			3.92	0
6:00	NA	400	89	115	102			3.92	0
7:00	NA	400	89	115	102			3.92	0
8:00	NA	400	89	115	102			3.92	0
8:45	NA	400	89	115	102			3.92	0

Recovery

[illegible]

Had to shut Pump down because we were at the top of the pond drain - per Engineer (Hunter)

[illegible]