

WELL TEST DATA SHEET



Layne-Western Company

WATER SUPPLY CONTRACTORS

721 WEST ILLINOIS AVENUE

AURORA, ILLINOIS 60506

Phone Aurora AC 312-897-6941

Chicago ENterprise 1204

Job Champlex Construction Corp.Location Clinton, Iowa - Well #6Dia. of Well 15 1/2Depth of Well 2529Length of Airline 410Non-Pumping Level 210Orifice Size 7" x 10

Pump Used:

Date Tested Dec. 5, 1966 - Start 48 hrTested By Rentschler & ButcherDriver LeRoiColumn and Shaft 10" - 2-3/16Bowls 15" - 7 stageManufacturer Layne & BowlerSerial No. 78R5

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
8:00AM		0	200		0	0			Motor R.P.M.
8:25	58	1580	130	280	70	0			sand, muddy 750
8:30	58	1580	130	280	70	0			Trace of sand, clearing
8:45	57	1560	130	280	70	0			Very little sand, clear 750
9:00	56	1548	130	280	70	0			" " " "
9:30	56.5	1554	125	285	75	0		Water	" " " "
10:00	56.5	1554	125	285	75	0		temp. 68	" " " "
10:30	56	1548	120	290	80	0			Trace of sand, clear 750
11:00	56	1548	122	288	78	0			" " " "
11:30	56	1548	122	288	78	0			" " " "
12:00PM	56	1548	122	288	78	0			" " " "
12:30PM	56	1548	120	290	80	0			" " " "
1:00	56	1548	120	290	80	0			" " " "
1:30	56	1548	120	290	80	0			" " " "
2:00	56	1548	120	290	80	0			" " " "
2:30	56	1548	120	290	80	0			" " " "
3:00	56	1548	120	290	80	0			" " " "
3:30	56	1548	120	290	80	0			" " " "
4:00	56	1548	120	290	80	0			" " " "
4:30	56	1548	120	290	80	0			" " " "
5:00	56	1548	120	290	80	0			" " " "
5:30	56	1548	120	290	80	0			" " " "
6:00	56	1548	120	290	80	0			" " " "
6:30	56	1548	120	290	80	0			" " " "
7:00	56	1548	120	290	80	0			" " " "

Layne-Western Company

Chicago ENterprise 1204

2000

Date Tested Dec. 5, 1966 - Scott 48 hr

Tested By: Kontschler & Butcher

Driver.....Lolol

Pump Used:

Column and Shaft.....10" - 2-3/16

Bowls.....15" - 7 stage

Manufacturer.....Layne & Bowler

Serial No.....7285

[illegible]

WATER SUPPLY CONTRACTORS

AURORA, ILLINOIS 60506

Chicago ENterprise 1204

Date Tested Dec. 6, 1966 - Start 4.8 hrs

Tested By.....Hentschler & Butcher

Driver.....Loket

Pump Used:

Column and Shaft.....10" - 2-3/16

Bowls..... 15⁰⁰ - 7 stage

Manufacturer.....Layne & Bowler

Serial No. 7385

[illegible]

WELL TEST DATA SHEET



Layne-Western Company

WATER SUPPLY CONTRACTORS

721 WEST ILLINOIS AVENUE

AURORA, ILLINOIS 60506

Phone Aurora AC 312-897-6941

Chicago ENterprise 1204

- 4 -

Job Chemplex Construction Corp.Date Tested Dec. 6, 1966 - Start 48 hrLocation Clinton, Ia. - Well #6Tested By Rentechler & ButcherDia. of Well 15"Driver LeRoiDepth of Well 2529

Pump Used:

Column and Shaft 10" - 2-2/16Length of Airline 410Bowls 15" - 7 stageNon-Pumping Level 210Manufacturer Layne & BowlerOrifice Size 7" x 10Serial No. 7085

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Motor R.P.M.	Remarks
						Lbs.	Feet			
8:30 PM	57	1560	112	298	88	0		68		Water Temp. Trace of sand
9:00	57.5	1567	112	298	88	0				Clear
9:30	58	1574	111	299	89	0				
10:00	58.5	1581	112	298	88	0				
10:30	55	1534	112	298	88	0				
11:00	55	1534	112	298	88	0				
11:30	55	1534	112	298	88	0				
12:00 AM	55	1534	112	298	88	0				
12:30 AM	55	1534	112	298	88	0				
12/7 1:00	55	1534	112	298	88	0				
1:30	55	1534	112	298	88	0				
2:00	55	1534	112	298	88	0				Clear
2:30	55	1534	112	298	88	0				
3:00	55	1534	112	298	88	0				
3:30	55	1534	112	298	88	0				oil O.K.
4:00	55	1534	112	298	88	0				
4:30	55	1534	112	298	88	0				
5:00	55	1534	112	298	88	0				
5:30	55	1534	112	298	88	0				
6:00	55	1534	112	298	88	0				
6:30	55	1534	112	298	88	0				
7:00	55	1534	112	298	88	0				
7:30	55	1534	112	298	88	0				
8:00	56	1545	112	298	88	0				
8:30	56	1548	112	298	88	0				

(Cont.)

Layne-Western Company

721 WEST ILLINOIS AVENUE
Phone Aurora AC 312-897-6941

AURORA, ILLINOIS 60506
Chicago ENterprise 1204

— 55 —

Date Tested Dec. 7, 1966 - Start 48 hrs

Tested By.....Rentschler & Butcher

Driver.....LaRoi

Column and Shaft..... 10th 2-3/16

Bowls..... 15" - 7 stage

Manufacturer Layne & Bowler

Serial No. 7DR5

[illegible]

PUMPING TEST, CHEMPLEX #6
November 28, 1966

Time (Hr.)	Time (Min.)	Gage	Pumping Level	Drawdown (Feet)	Head (inches)	GPM	Remarks
7:50a.m.		200					SWL - 210 feet
8:00a.m.							Start pump
	2	150	260	50	40	1311	Water very turbid, pumping sand.
	5	140	270	60	38	1281	
	8	136	274	64			
8:10	10	138	272	62			
	12	140	270	60			
	16	140	270	60	41	1326	Air temp. 29F, water 69 F.
8:20	20	140	270	60			
8:30	30	140	270	60	42	1341	
	40	140	270	60			
	50	140	270	60			
9:00	60	140	270	60	42	1341	
9:01							Increase pumping rate.
9:02	62	136	274	64	53	1506	
9:03							Increase pumping rate.
9:04	64	129	281	71	53	1506	Water turbid, very sandy.
	66	128	282	72			
	68	129	281	71			
9:10	70	129	281	71			
	75	128	282	72	52.5	1499	
	80	128	282	72			
9:30	90	127	283	73	52.5		Water temp. 68.5 F
	105	127	283	73			
10:00	120	126	284	74	53	1506	Water clearing, less sand
	135	126	284	74			
	150	126	284	74	52.5		Water temp. 68 F
11:00	180	125	285	75			
	210	125	285	75			Water temp.
12:00p.m.	240	124	286	76			
12:25							Increase pumping rate.
12:30	270	120	290	80	54	1520	Data from drillers log.
1:15	315	122	288	78	54	1520	Water slightly cloudy, pumping little sand.

PUMPING TEST, CHEMPLEX #6
Page 2

Time (Hr.)	Time (Min.)	Gage	Pumping Level	Drawdown (Feet)	Head (inches)	GPM	Remarks
2:00	330	122	288	78			Air temp. 35 F. water 68 F.
	345	121	289	79			
	360	121	289	79			
	390	120	290	80			
	420	120	290	80			
	440	120	290	80	54	1520	Water temp. 68 F. Water sample col- lected. Specific Capacity 19.5

Note: This test was scheduled for 48 hours duration; the pump broke down on the second day and a new pumping test was scheduled for 12-5-66.