

# Layne-Western Company

721 ILLINOIS AVENUE

AURORA, ILLINOIS

Whiteside

### Well Information—Drift Wells

Name of Job Northern Illinois Water Corp.	Date	iept. 15, 1962
City or Village Sterling	State	111.
Well No.: Drillers: Siefers	- 1 -	<u> </u>
Well Location prox. ft. ( ) and 50	_ft. () of the	corner of
Section 19, Twp. 21 ( N), Range 7 ( E	Whiteside	County.
Otherwise located as On West Lefever Rd., 3/4 m	ile west of Dillor	n St.
	× .	-
Work Began: Work Completed: Work Completed: All measurements made from existing ground Casing Record:	7,62 Well Depth:level at time well was dri	86 3 * lled.
Amount Dia. Wt. or Thickness Material  ARMCO with	lded joints from +2	to 462°
	joints from	
Screen Record: Type Layne shutter - 7 gauge		
Amount Dia. Opening Material	lded joints from 46	* to863*
with	joints from	to
Type of Seal at Bottom Stainless steel plate on bo	ttom of screen	
Hole Record:		
joint from to to	20*	
inch from to	862*	
Gravel Pack Record:		
Amount Size Source	From	То
43 ton #3 Northern Gravel Co	2617"	8631
(Note: Gravel on outside of 30° casing i	from 35* to 462*)	e To Books A
Cementing Record: 30" casing cemented in 52"   Redi-mix concrete	nole from 0 to 15	using
Backfill Record: Sand backfill outside of 30"	casing between 15	* and 35*

### WELL LOG

	Feet	Feet	Description
	<u> </u>	5	Top soil and yellow clay
	<u>5</u> to	<u></u>	Dirty yellow sand - fine
	<b>8</b> to	13	Sendy yellow clay
	<u></u>	38	Birty yellow sand, some small gravel and clay sere ks
		58	Loose old n fine to operso orad with ravel and boulder
50 <sup>1</sup>	58 to	68	Fine so coers, sand with boulders
		ooğ	Fine to coarse send with gr-vel and bounders - loose
	86§ to		Limestone
	to		
	to		
	to ell Test Data:		evel 131: pumping level 238 after 36 hours pumping at 863 g.p.m
Lei			hrs. See Well Test Data Sheet Dated Aug. 30, 1962



#### WATER SUPPLY CONTRACTORS

721 ILLINOIS AVENUE Phone AURORA TW 7-4261

AURORA, ILLINOIS CHICAGO ENterprise 1204

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Job N. R. W. Corp.

Location Sterling, Ill.

Dia of Well 42 x 30 x 20

Depth of Well 680 - 6" top of 20" enaing Pump Used:

Length of Airline 560

Non-Pumping Level 150

Orifice Size 60 x 50

Date Tested Amg. 30, 1962

Tested By Siefers, Will, Parker

Driver

Column and Shaft

Bowls

All readings on well anufacturer

from top of 20"coating at No.

Time	Pisometer Reading (in )	олы	All Gauge Reading (leet)	Pumping Level	Draweswe	Dach	Fem	Total Company Head	Amply will
190 A.M.	0	0	25'	25"	0	nons	unpi	Ha level	24'-0"
1155 0			Started	NAME OF TAXABLE PARTY.		V	Quen	0	
100 5	40	703	20-6021.5	21-6021	560-60	6.5	9		270-30 17.25
1125 20	48	855	23'-0"	231-00	81-00				18-40 18.33
102 35	484	859	23'-0"	231-00	81-00				18.67
1145 50	486	859	231-6023.	231-6923	50-4 8	5			18.82
100 65	481	899	231-6"	230-60	81-60	u			19-00 19
130 95	49	863	231-60	230-60	090				290-20 19.17.
0100 /25	489	899	231-60	231-60	81-60	u .			290-200 19.21
0130 155	480	699	23'-6"	231-6"	81-60				19'-0 310 19.29
1:00 185	49	863	231-6"	23'-6"	8,-90	ija .			190-40 19.33
1130 2/5	49	863	241-0a	241-00	91-00				19-50 19.42
2100 245	49	863	25'-0"	241-00	91-00				191-5"
2:30 275	49	863	25'-0"	26°-0°	91-00				190-90
00 305	49	863	241-09	261-00	91-00				191-90
30 335	49	863	251-00	24'-0"	91-00				190-60 195
100 365	49	863	241-00	370a	91-00				191-60
30 395	49	863	24'-0"	261-00	80-On	25	660		19°-6° (2400 RPM)
100 425	49	863	241-00	SF (-0)	90-00				191-60
130 455	49	863	261-00	570a	90-00				194-60
100, 485	49	863	241-01	570a	90-00				291-60
515	49	863	24-00	S7 On .	90-00				194-60
100 575	49	863	251-00	241-00	91-00				190-60
30 575	49	863	57:-0°	24°-00	90-00				190-70 19158
00 605	49	663	37,-00	25'-0"	91-00		P. State		19'-7"
90 635	49	863	PF-0	241-05	91-0a			THE RESERVE OF THE PERSON OF T	19'-7"



#### WATER SUPPLY CONTRACTORS

721 ILLINOIS AVENUE AURORA, ILLINOIS
Phone AURORA TW 7.4261 CHICAGO Enterprise 1204

Tob N. X. W. Corp.

Cocation Sterling, Ill.

Dia of Well 42 x 30 x 20

Depth of Well 88'-6" top of 20" casing Pump Used:

Length of Airline 541

Non-Pumping Level 15

Orifice Size 6" x 5"

Date Tested. Aug. 30-31, 1962

Tested By Miefers, Mill, Parker

Column and Shaft

Bowls

Manufacturer

Serial No.

Timle	Pirometer Reading (in.)	G. F. N.	Air Gauge Reading (feet)	Puniping Level	Drawdown	Los   Feet	Total Pumping Head	Remarks
100 665	49	963	241	241	91			190-70 19.58
130 695	49	863	24'	241	90			191-74
100 725	49	863	24'	36'	90			191-70
30 755	49	863	241	241	91			19-71- 19.62
785	49	863	241	241	91			191-710
30 815	49	863	241	24'	90			19'-79"
0:00 845	49	863	24'	24'	90			191-730
130 875	49	863	241	241	90			19-8- 19.67
1100 905	49	863	241	241	90			19'-8"
1130 彩河	49	863	24"	24.	90		I	191-80
2100 9.65	49	863	241	240	90			19-63- 19.71
31 995 11 30 A.M	49	863	241	251	90			190-90 19.75
100 1025	M	863	241	241	90			29-90 "
30 1055	i i	963	260	24"	90			19-90
00 1085	49	863	241	240	91			291-90
30 1115	19	863	241	250	91			101 00
00 1145	49	863	24.	25'	91			788u
30 1175	49	863	24.	24.	9.			190-90
100 1205	49	863	251	261	90		1	101-00
130 1235		863	241	241	91			101_00
5:00 1265	49	863	240	241	90			190-90
1295	49	863	24.	24'	.90			104 100
100 1325	49.	963	24.	24.	90			19-10-
130 135.5	49	863	24.	36'	91			19'-10"
100 1385		863	24.	57.	90			19-10°
701415	49	863	24'	26'	91.			19'-10"



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#### WATER SUPPLY CONTRACTORS

721 ILLINOIS AVENUE

Phone AURORA TW 7-4261 CHICAGO ENterprise 1204

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Job No La We Corpe

Location Sterling, Ill.

Dia. of Well ..... 42 x 30 x 20

Depth of Well 68 -6", top of 20" casing pump Used:

Length of Airline 549

Non-Pumping Level 150

Orifice Size 60 # 50

Date Tested 8-30-31, 1963

Tested By Siefers, Will, Parker

Driver

Column and Shaft

Bowls

Manufacturer

Serial No.

Time	Pirometer Reading (in )	G. P. M	Air Gauge	Pumping Level	Drawdown	Disch. i	Pressure	Total	
			Reading (feet)	24.25	9,25	Lbs	Feet	Potoping Head	Supply Wall
8:001445	481	859	24:25	241-30	90-30				19-11- 19.92
8:30/475	49	863	24.25	27-36	90-30				190-110
9100 1505	49	863	24.5	241-60	90-40			1 1-	190-11"
91301535	49	863	241-60	241-61	91-60				19:-11:
2 01565	49	863	241-6"	241-60	90-60				19'-11"
101301595	49	863	241-60	261-6"	90-60				201-0" 20.00
11:00/623	CONTRACTOR OF THE PARTY OF THE	863	24.5	241-60	91-60				19.41. 19.92
11130 16 53	49	863	241-65	241-60	90-60				19113. 1996
12:00 168	the second secon	863	241-60	241-6"	91-60		-		290-1240 19.96
12:30 P.H.	49	863	24:-6"	241-60	91-60				19'6113"
1:00 174	5 49	863	26 -60	261-611	91-60				20'-0" 20
1:30/775	49	863 .	241-60	241-60	91-60				201-0"
2100 1805	43	063	241-60	241-6"	91-60				201-0"
2130 1835	49	863	241-60	240-60	91-61				20'-0"
3:00/865	49	863	261-611	241-6"	90-60				201-0"
31301895	Ab)	863	241-6"	261-6"	90-60				20°-0"
4:00 1925	49	863	241-60	241-60	91-611				201-04
4:30 19 5.8	49	863	2.0-60	241-60	91-60				202. 20.08
5:00 19/8 5	49	063	241-6"	241-611	91-60				20.08
5130/2015	49	863	241-60	241-6"	91-60				201-7.
6:00 2045	49	863	241-6=	24'-6"	91-60				201-7.
2075	- 49	863	241-6"	241-60	91-60				20-1-
12103	49	863	241-611	241-60	91-60				20-70
2133		863	261-6"	261-611	91-60				20'-1"
12165		863	26'-6"	241-6"	91-60	0	11		201-1"
			EXPLANATION OF			Our	To H		



## syne-Western Company

### WATER SUPPLY CONTRACTORS

AURORA ILUNOIS Page 4

Job H. L. W. Corp.

Location Sterling, Ill.

Dia of Well 42 x 30 x 20

Depth of Well 88' - 6" top of 20" casing pump Used .

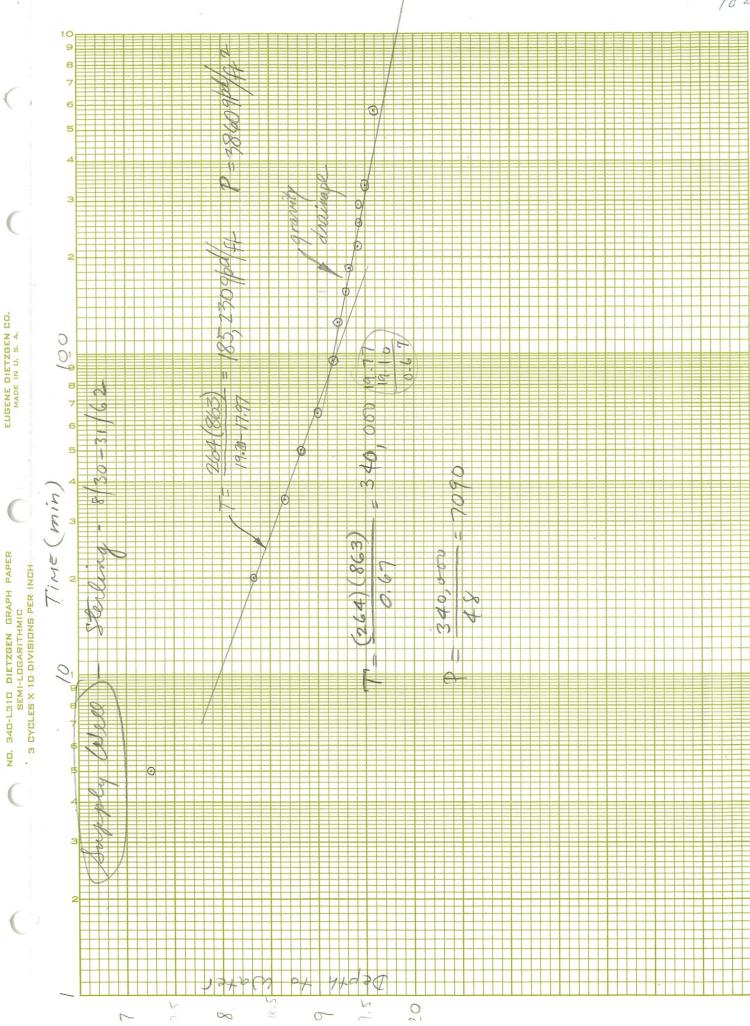
Length of Airline 54°

Date Tested 8-30-31, 1962

Tested By Siefers, Mill, Parker

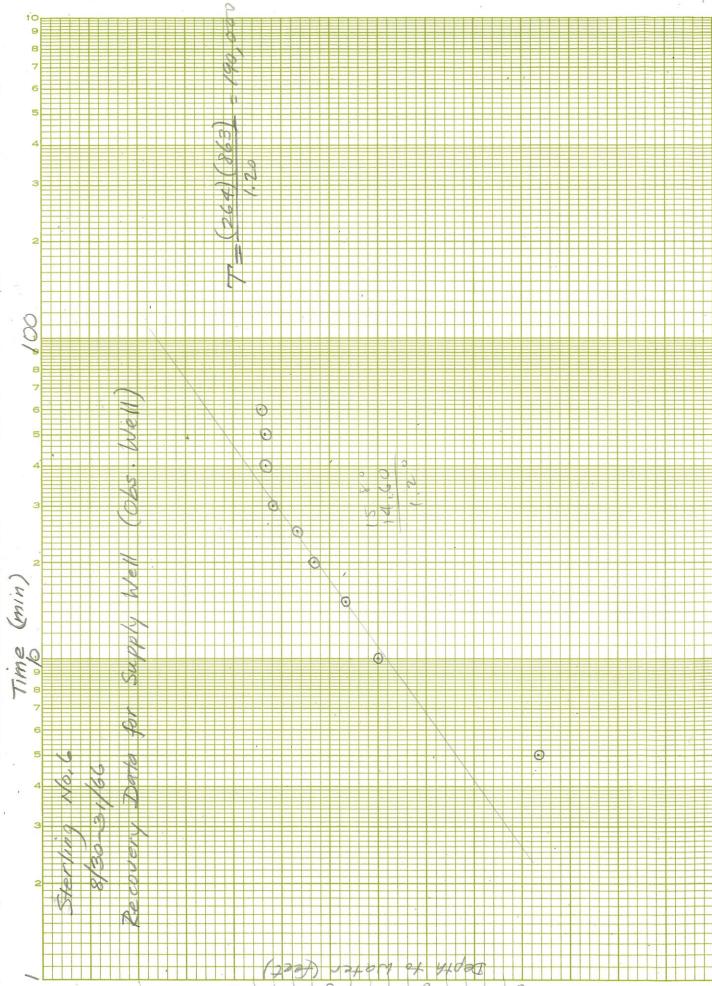
Bowls . .

Non-E	Pumping Level 43'		Manufacturer		
	c Size 6" x 5	RECOVERY READ	ING Serial No.		1
Time	Propeser G P M			Toral Compling Head	Nell Sepply
8:05	192 8 10 10 10	18-1/2 18.5		Par I I	16-7-16.58
110		17-1/2 17.5			15'-9" 15,75
1:15		17			15'-7" 15,58
: 20		16-3/6 16.75			15:-5" 15.42
0		26-3/6 16.75			25'-4" 15.33
1:30		26-3/6 14.75			19-2-1/2 15,21
:40		16-1/2 10.5	1 1 1 1 1 1 1 1 1		151-2" 15.17
2 90	12.50	16-1/8 16.5			250-20 //
100	100111	16-1/2 14.7	End of lest		25'-2-3/4" 15. 1
	The state of the s	The second			
	111 1 200				
	•				
	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	4 2 2 3			
	1				
	7				
	19-1-			1	



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EUGENE DIETZGEN CO. MADE IN U. S. A.



EUGENE DIETZGEN CO. MADE IN U. S. A.

ND. 340-L310 DIETZGEN GRAPH PAPER SEMI-LDGARITHMIC 3 CYCLES X 10 DIVISIONS PER INCH