J. P. MILLER ARTESIAN WELL CO.

BROOKFIELD, ILLINOIS – MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 1
Page 1

Job City Well
Location Indianola, Iowa

Date tested 8-20-55
Tested by

Dia. of well 12"
Depth of well 2490'
Length of airline 250'
Non-pumping level 89' Before pumping
Orifice size 8" x 6"

Pump used: Driver 60 HP Electric
Column and shaft 250'
Bowls 12" MA
Manufacturer Peerless
Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS.	DISCH. PRESSURE FEET	TOTAL PUMPING HEAD	TEMP.	REMARKS
2:40PM	0	0	89	Same	0		0			START OF TEST
3:10	5	345	200	as						
3:40	5 1/4	353	198	reading						Clearing
4:10	5 1/4	360	200	on air						
4:40	5 1/4	360	198	gauge.						
5:10	5 1/4	360	198							
5:40	5 1/4	360	198							
6:10	5 1/4	360	200							
6:40	5 1/4	360	200							
7:10	5 1/4	360	200							
7:40	5 1/4	360	202							
8:10	5-3/4	365	202							
8:40	5-3/4	365	202							
9:10	5 1/4		204							
9:40	5 1/4		200							
10:10	5 1/4		200							
10:40	5 1/4		200							Milky
11:10	5 1/4		202							
11:40	5 1/4		200							
12:10AM	5 1/4		199							
12:40	5 1/4		199							
1:10	5 1/4		199							
1:40	5 1/4		198							
2:10	5 1/4		198							
2:40	5 1/4		199							Milky
3:10	5 1/4		199							

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BROOKFIELD, ILLINOIS — MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 1
Page 2

Job City Well — Date tested 8-21-55

Location Indianola, Iowa — Tested by

Dia. of well 12" — Pump used: Driver 60 HP Electric

Depth of well 2490' — Column and shaft 250'

Length of airline 250' — Bowls 12" MA

Non-pumping level 89' at 7:05 — Manufacturer Peerless

Orifice size 8" x 6" — Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS.	DISCH. PRESSURE FEET	TOTAL PUMPING HEAD	TEMP.	REMARKS
	0	0			0		0			START OF TEST
3:40 AM	5½		198							Milky
4:10	5½		198						80°	
4:40	5½		198							
5:10	5½		199							
5:40	5½		199							
6:10	5½		199							
6:40	5½	360	199	199	110	----3.27 G.P.F.D.D.				Slightly cloudy
				10 minute shutdown Wouldn't start						

This is not final depth?

J. P. MILLER ARTESIAN WELL CO.

BROOKFIELD, ILLINOIS — MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 2
Page 1

Job City Well #9

Location Indianola, Iowa

Date tested 8-23-55

Tested by Varner Well & Pump Co.

Dia. of well 12"

Depth of well 2490'

Length of airline 290'

Non-pumping level 88'

Orifice size 8" to 5"

Pump used: Driver 60 HP Electric

Column and shaft 290'

Bowls 12" LA

Manufacturer Peerless

Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS	DISCH. PRESSURE FEET	G.P.F.D.D. TOTAL	TEMP.	REMARKS
7:15	14½	0	204		0		0			START OF TEST
7:45	9¼		178							
8:15	9½		185							
8:45	9¼		188							
9:00			Water cleared very good							
9:15	9¼		192							
9:45	9½		194							
10:15	9	295	196	196	108			2.7		
10:45	9		198							
11:15	9		198							
11:45	9		198							
12:15	9		198							
12:45	9		198							
1:15	9		198							
1:45	9		198							
2:15	9		198							
2:45	9		199							
3:15	9		199							
3:45	9		199							
4:15	9		200							
4:45	9		200							
5:15	9		200							
5:45	9		202							
6:15	9		203							
6:45	9		203						78°	

Shut down 7:00 AM

J. P. MILLER ARTESIAN WELL CO.

BROOKFIELD, ILLINOIS — MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 2
Page 2

Job City Well #9 — Date tested 8-24-55

Location Indianola, Iowa — Tested by Varner Well & Pump Co.

Dia. of well 12" — Pump used: Driver 60 HP Electric

Depth of well 2490' — Column and shaft 290'

Length of airline 290' — Bowls 12" LA

Non-pumping level 88' — Manufacturer Peerless

Orifice size 8" x 5" — Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS.	DISCH. PRESSURE FEET	G.P.F. PUMPING LEVEL TO N.D.	TEMP.	REMARKS
8:15	0	0			0		0			START OF TEST
8:25	22	460	264							After 1:15
8:40	20	440	262							shutdown
9:05	20	440	262							Cloudy water
9:15	24	470	288							increase
9:45	25	490	285							
9:50	25½	495	288							
10:15	25½	495	288							
10:45	25½		288							
11:15	25½		288							
11:45	25¼		288							
12:15	25	490	289							
12:45	25	490	289							
1:15	24-3/4	485	289							
1:45	24½	480	289							
2:15	24½	480	288							
2:45	24½	480	288	288	200			2.4		
3:15	24½	480	288							
3:45	24½	480	289							
4:15	24½	480	289							
4:45	24½	480	289							
5:15	24½	480	290	290						
5:45	24	470	288							Checked valve
6:15	24	470	287							
6:45	24	470	287							
7:15	24	470	287							Clearing

J. P. MILLER ARTESIAN WELL CO.

BROOKFIELD, ILLINOIS — MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 2
Page 3

Job City Well #9
Location Indianola, Iowa

Date tested 8-24-55 12 to 8 AM
Tested by Varner Well & Pump Co.

Dia. of well 12"
Depth of well 2490'
Length of airline 290'
Non-pumping level 88'
Orifice size 8" x 5"

Pump used: Driver 60 HP Electric
Column and shaft 290'
Bowls 12" LA
Manufacturer Peerless
Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS.	DISCH. PRESSURE FEET	G. P. F. SCOT AS PLUS VELOCITY HEAD D D.	TEMP.	REMARKS
	0	0			0		0			START OF TEST
7:45	24½	480	290	290						Checked valve
8:15	24	470	288	288						
8:45	24	470	288							
9:15	24	470	288							
9:45	24	470	288	288						Clear
10:15	23½	465	287							
10:45	24	470	288							
11:15	23½	465	287	287	199			2.33		
11:45	23½		287	287						
12:15	23½		287	287						
12:45	23½		287							
1:15	23½		287							
1:45	23½		287							
2:15	23½		287							
2:45	23½		287							
3:15	23½		287							
3:45	23½		287							
4:15	23½		287							
4:45	23½		287							
5:15	23½		287							
5:45	23½		287							
6:15	23½		287							
6:45	23½		287							
7:15	23½	465	287							
7:45	23		280						80.5°	
8:15	24¼		288							

J. P. MILLER ARTESIAN WELL CO.

BROOKFIELD, ILLINOIS – MILWAUKEE, WISCONSIN

WELL TEST DATA SHEET

TEST NO. 2
Page 4

Job City Well #9
Location Indianola, Iowa

Date tested 8-25-55
Tested by Varner Well & Pump Co.

Dia. of well 12"
Depth of well 2490'
Length of airline 290'
Non-pumping level 88'
Orifice size 8" x 5"

Pump used: Driver 60 HP Electric
Column and shaft 290'
Bowls 12LA
Manufacturer Peerless
Serial No.

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE LBS.	DISCH. PRESSURE FEET	G.P.F.	TEMP.	REMARKS
8:30	0	0		Below reading	0		0			START OF TEST
8:45	27½	515		Below					80.5°	Wide open
9:00	27½	515								
9:30	27½	515								Clear
10:00	27½	515								
10:30	27½	515		Bowls					80.5°	Choked
11:00	23½	475		288	200					
11:30	23½	475		288					80.5°	
12:00	23½	475		288						
12:30	23½	475		288	200			2.37		
1:00	20	440	289							
1:30	20	440	268	268						
2:00	20	440	269	269	181			2.43		
2:30	20	440	269							
3:00	16	390	236	236	148			2.63		
3:30	16	390	236	236	148					
4:00	16	390	236	236	148					
4:30	12	340	208	208	120					
5:00	12	340	208							
5:30	12	340	208	208	120			2.83		
6:00	9	295	187	187	99					
6:30	9	295	190	190	102			2.89		
6:39	Down	1 minute 135)								
		2 minutes 110) Water level return								
		3 minutes 90)								
		True static level 90 ft.								