

VARNER WELL & PUMP CO.

DUBUQUE, IOWA

WELL TEST DATA SHEET

Page 1

Job City Well No. 5

Date tested May 13, 1963

Location Maquoketa, Iowa

Tested by Helmet & Johnson

Dia. of well 12"

Pump used: Driver 200 hp West. motor

Depth of well 2309'

Column and shaft 8" x 1-13/16"

Length of airline 341'

Bowls 8 stage 12" HXB

Non-pumping level 142'

Manufacturer Peerless

Orifice size 10" x 8"

Serial No. _____

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LBS.	FEET			
1:05 PM	0	0	142		0		0			START OF TEST
2:00	10	1005.5	198	198	56	82				Dirty
2:30	10	1005.5	200	200	58	82				Not so dirty
3:00	10	1005.5	202	202	60	80				
3:30	10	1005.5	202	202	60	82				Clearing
4:00	10-	1005.5	203	203	61	82				"
4:30	10	1005.5	203	203	61	82-				"
5:00	10-	1005.5	204	204	62	82-				"
5:30	10-	1005.5	204	204	62	81		Open valve		Clear
6:00	10+	1005.5	205	205	63	79				"
6:30	10	1005.5	205	205	63	79				"
7:00	10/	1005.5	205	205	63	79				"
7:30	10+	1005.5	205	205	63	79		15.9 GPFDD		"
8:00	10+	1005.5	205	205	63	79				"
8:30	10	1005.5	205	205	63	79				"
9:00	10	1005.5	205	205	63	79				"
9:00	10+	1272	224	224	82	51		Open valve		Cloudy
9:30	16-	1272	224	224	82	50				"
10:00	16	1272	224	224	82	50				"
10:30	16	1272	225	225	83	50				Clearing

VARNER WELL & PUMP CO.

DUBUQUE, IOWA

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Page 2

Job City Well No. 5

Date tested May 13, 1963

Location Maquoketa, Iowa

Tested by Zeimet & Johnson

Dia. of well 12"

Pump used: Driver 200 hp West. motor

Depth of well 2309'

Column and shaft 8" x 1-13/16"

Length of airline 341'

Bowls 8 stage 12" HXB

Non-pumping level 142'

Manufacturer Peerless

Orifice size 10" x 8"

Serial No. _____

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LBS.	FEET			
	O	O			O		O			START OF TEST
11:00PM	16-	1272	224	224	82	50				Clearing
11:30	16-	1272	224	224	82	50				"
12:00	16-	1272	224	224	82	50				Clear
5/14/63 12:30AM	16-	1272	224	224	82	50				"
1:00	16	1272	224	224	82	50				"
1:30	16	1272	224	224	82	50				"
2:00	16	1272	224	224	82	50				"
2:30	16	1272	224	224	82	50				"
3:00	16	1272	224	224	82	50				"
3:30	16	1272	224	224	82	50				"
4:00	20	1422	237	237	95	30		Open valve		"
4:30	20+	1422	237	237	95	32				"
5:00	20+	1422	239	239	97	32				"
5:30	20+	1422	239	239	97	32				"
6:00	20+	1422	239	239	97	32				"
6:30	20+	1422	244	244	102	32				"
7:00	20	1422	244	244	102	32				"
7:30	20	1422	244	244	102	32				"
8:00	20	1422	245	245	103	31				"

VARNER WELL & PUMP CO.
DUBUQUE, IOWA

WELL TEST DATA SHEET

Page 3

Job City Well No. 5

Date tested May 14, 1963

Location Maquoketa, Iowa

Tested by Zelmer & Johnson

Dia. of well 12"

Pump used: Driver 200hp West. motor

Depth of well 2309'

Column and shaft 8" x 1-13/16"

Length of airline 351'

Bowls 8 stage 12" HXB

Non-pumping level 142'

Manufacturer Pearless

Orifice size 10" x 8"

Serial No. _____

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LB.	FEET			
	O	O			O		O			START OF TEST
8:30AM	20	1422	245	245	103	31				Clear
9:00	20	1422	245	245	103	31				"
9:30	20	1422	245	245	103	31				"
10:00	19	1386	245	245	103	31				"
10:30	20	1422	245	245	103	31				"
11:00	20+	1422	245	245	103	30				"
11:30	26½	1636	260	260	118	14-	Wide open			Cloudy
12:00	25	1590	260	260	118	14				"
12:30	25	1590	260	260	118	14		13.5 GPMDD		
1:00	24	1557	262	262	120	14				Cloudy
1:30	24½	1573	262	262	120	14				"
2:00	24½	1573	262	262	120	14				"
2:30	24½	1573	262	262	120	14				"
3:00	24½	1573	262	262	120	14				"
3:30	25½	1590+	262	262	120	14				"
4:00	25½	1590+	263	263	121	14				Clearing
4:30	25½	1590+	263	263	121	14				"
5:00	26	1621	263	263	121	14				"
5:30	25	1590	264	264	122	14				"

VARNER WELL & PUMP CO.

DUBUQUE, IOWA

WELL TEST DATA SHEET

Page 4

Job City Well No. 5

Date tested May 14, 1963

Location Maquoketa, Iowa

Tested by Reimet & Johnson

Dia. of well 12"

Pump used: Driver 200 hp West. motor

Depth of well 2309'

Column and shaft 8" x 1-13/16"

Length of airline 341'

Bowls 8 stage 12" HXB

Non-pumping level 142'

Manufacturer Peerless

Orifice size 10" x 8"

Serial No. _____

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LBS.	FEET			
	O	O			O		O			START OF TEST
6:00PM	25	1590	264	264	122	14				Cut back to 1250 gpm
6:30	16-	1272	245	245	103	49				Redish
7:00	16	1272	243	245	101	44				Clearing
7:30	16+	1272	242	242	100	44				Clear
8:00	16+	1272	242	242	100	46				"
8:30	16+	1272	245	245	103	49				"
9:00	16	1272	245	245	103	48				"
9:30	16	1272	247	247	105	48				"
10:00	16+	1272	246	246	104	48				"
10:30	16	1272	246	246	104	48				"
11:00	16	1272	246	246	104	48				"
11:30	16	1272	246	246	104	48				"
12:00	16-	1272	246	246	104	48				"
5/15/63 12:30AM	16-	1272	246	246	104	48				"
1:00	16	1272	246	246	104	48				"
1:30	16	1272	246	246	104	48				"
2:00	16+	1272	246	246	104	48				"
2:30	16+	1272	246	246	104	48				"
3:00	16	1272	246	246	104	48				"

VARNER WELL & PUMP CO.

DUBUQUE, IOWA

WELL TEST DATA SHEET

Page 5

Job City Well No. 5

Date tested May 15, 1963

Location Maquoketa, Iowa

Tested by Seimet & Johnson

Dia. of well 12"

Pump used: Driver 200 hp West. motor

Depth of well 2300'

Column and shaft 8" x 1-13/16"

Length of airline 341'

Bowls 8 stage 12" HXB

Non-pumping level 142'

Manufacturer Peerless

Orifice size 10" x 8"

Serial No. _____

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LBS.	FEET			
	O	O			O		O			START OF TEST
3:30AM	16	1272	246	246	104	48				Clear
4:00	16	1272	246	246	104	48				"
4:30	16	1272	246	246	104	48				"
5:00	16	1272	246	246	104	48				"
5:30	16	1272	246	246	104	48				"
6:00	16	1272	246	246	104	48				"
6:30	16	1272	246	246	104	48				"
7:00	16	1272	246	246	104	48	Cut to 1005 gpm at 7:15AM			
7:30	10	1005.5	217	217	75	74				Clear
8:00	10	1005.5	216	216	73	73				"
8:30	10	1005.5	215	215	73	73				"
9:00	10++	1005.5	215	215	73	73				"
9:30	10+	1005.5	215	215	73	73				"
10:00	10+	1005.5	215	215	73	73				"
10:30	10+	1005.5	215	215	73	73		13.7 GPPHD		"
11:00	10+	1005.5	215	215	73	73				"
11:30	10+	1005.5	215	215	73	73+				
12:00	10+	1005.5	215	215	73	73+	Water sample taken by City			
12:30	10+	1005.5	215	215	73	73+	Water Supt. A taken in.			
1:00	10+	1005.5	215	215	73	74				

DUBUQUE, IOWA

Page 6