



# Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Job..... NGPL Company - Rath Packing Co. Well no. ..... Date Tested..... 5-30-74 .....  
 Location..... Columbus Junction, Iowa ..... Tested By..... John Masters .....  
 Dia. of Well..... 16" and 11" ..... Driver..... LeRol .....  
 Depth of Well..... 1,471 ..... Pump Used: Column and Shaft..... 8" x 1 1/2" .....  
 Length of Airline..... 300 ..... Bowls..... 12" .....  
 Non-Pumping Level..... 52' ..... Manufacturer..... Layne .....  
 Orifice Size..... 7" x 10" ..... Serial No.....

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
7:30	40	1,311	36	264	212	0			Water is clear
8:00	40	1,311	36	264	212	0			"
8:30	40	1,311	36	264	212	0			"
9:00	40	1,311	36	264	212	0			"
9:30	40	1,311	36	264	212	0			"
10:00	40	1,311	36	264	212	0			"
10:30	40	1,311	36	264	212	0			"
11:00	40	1,311	36	264	212	0			"
11:30	40	1,311	36	264	212	0			"
12:00	40	1,311	36	264	212	0			"
12:30	40	1,311	38	262	210	0			"
1:00	40	1,311	36	264	212	0			"
1:30	40	1,311	36	264	212	0			"
2:00	40	1,311	36	264	212	0			"
2:30	39.5	1,304	32	268	216	0			"
3:00	39.5	1,304	34	266	214	0			"
3:30	40	1,311	34	266	214	0			"
4:00	40	1,311	34	266	214	0			"
4:30	40	1,311	34	266	214	0			"
5:00	40	1,311	36	264	212	0			"
5:30	40	1,311	34	266	214	0			"
6:00	40	1,311	38	262	210	0			"
6:30	40	1,311	38	262	210	0			"
7:00	40	1,311	38	262	210	0			"
7:30	40	1,311	36	264	212	0			"



# Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Job..... NGPL Company - Rath Packing Well no. ..... Date Tested..... 5-30-74 - 5-31-74 .....

Location..... Columbus Junction, Iowa ..... Tested By..... John Masters .....

Dia. of Well..... 16" - 11" ..... Driver..... Le Roi .....

Depth of Well..... 1,471' ..... Pump Used: Column and Shaft..... 8' x 1 1/2" .....

Length of Airline..... 300' ..... Bowls..... 12" .....

Non-Pumping Level..... 52' ..... Manufacturer..... Layne .....

Orifice Size..... 7" x 10" ..... Serial No..... .....

Time	Pizometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
8:00	40	1,311	36	264	212	0			Water is clear
8:30	40	1,311	38	262	210	0			"
9:00	40	1,311	38	262	210	0			"
9:30	40	1,311	38	262	210	0			"
10:00	40	1,311	38	262	210	0			"
10:30	40	1,311	38	262	210	0			"
11:00	40	1,311	38	262	210	0			"
11:30	40	1,311	40	260	208	0			"
12:00	40	1,311	40	260	208	0			"
12:30	40	1,311	38	262	210	0			"
1:00	40	1,311	40	260	208	0			"
1:30	40	1,311	40	260	208	0			"
2:00	40	1,311	40	260	208	0			"
2:30	38	1,280	38	262	210	0			"
3:00	38	1,280	38	262	210	0			"
3:30	40	1,311	42	268	206	0			"
4:00	38	1,280	40	260	208	0			"
4:30	38	1,280	40	260	208	0			"
5:00	23	1,000	110	190	138	100			"
5:30	23½	1,000	110	190	138	105			"
6:00	14½	800	126	174	122	130			"
6:30	14½	800	140	160	108	155			"
7:00	16	840	132	168	116	140			"
7:30	16	840	132	168	116	140			"

WELL TEST DATA SHEET



# Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Job NGPL Company - Rath Packing Well no. \_\_\_\_\_ Date Tested 5-28-74  
 Location Columbus Junction, Iowa Tested By John Masters  
 Dia. of Well 16" - 11" Driver Le R01  
 Depth of Well 1,471 Pump Used: \_\_\_\_\_ Column and Shaft 8" x 1 1/2"  
 Length of Airline 300' Bowls 12"  
 Non-Pumping Level 52' Manufacturer Layne  
 Orifice Size 7 x 10 Serial No. \_\_\_\_\_

Time	Piezometer Reading (in.)	G. P. M.	Air Gauge Reading (feet)	Pumping Level	Drawdown	Disch. Pressure		Total Pumping Head	Remarks
						Lbs.	Feet		
7:00 PM	39.5	1,304	27	273	221	0			Water tinted
7:30	39.5	1,304	27	273	221	0			Water tinted
8:00	39.5	1,304	25	275	223	0	Pump	In other well	is running clear
8:30	40	1,311	28	272	220	0	"	"	" " "
9:00	40	1,311	28	272	220	0	"	"	" " "
9:30	39.5	1,304	27	273	221	0	"	"	" " "
10:00	39.5	1,304	27	273	221	0	"	"	" " "
10:30	40	1,311	27	273	221	0	"	"	" " "
11:00	40	1,311	27	273	221	0	"	"	" " "
11:30	40	1,311	27	273	221	0	"	"	" " "
12:00	40	1,311	28	272	220	0	"	"	" " "
<p>The pump had been running 4 hours before these readings were made.</p>									