

Well Information - Rock Wells



Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job Natural Gas Pipeline Company Date 6-4-74

City Columbus Junction State Iowa

Well No: 2 Drillers: John Masters and Steve Mullins

Well Location: _____ ft. (____) and _____ ft. (____) of the _____ corner of the _____ 1/4 of Section _____, Twp. _____ (____), Range _____ (____) _____ County.

Otherwise located as Rath Packing Company

Work Began: 3-25-74 Work Completed: 6-7-74

Casing Record:

Amount	Dia.	Wt. or Thickness	Material	with	joints from	to
<u>105'</u>	<u>20"</u>	<u>3/8"</u>	<u>Steel</u>	<u>welded</u>	<u>+3</u>	<u>102'</u>
<u>329'</u>	<u>16"</u>	<u>3/8"</u>	<u>Steel</u>	<u>welded</u>	<u>+3</u>	<u>326'</u>
<u>771'</u>	<u>12"</u>	<u>1/2"</u>	<u>Steel</u>	<u>welded</u>	<u>326</u>	<u>1,097'</u>
_____	_____	_____	_____	_____	_____	_____

Hole Record:

<u>24"</u>	inch from	<u>0'</u>	to	<u>106'</u>
<u>18 1/2"</u>	inch from	<u>106'</u>	to	<u>1,100'</u>
<u>11 1/2"</u>	inch from	<u>1,100'</u>	to	<u>1,471'</u>
_____	inch from	_____	to	_____
_____	inch from	_____	to	<u>1,471'</u> bottom of hole

Cementing Record:

12" cemented from 1,097' to 600' -?? reported.

Well Test Data: Static Level 52; pumping level 272 after 24 hours pumping at 1,311 g.p.m.

Length of test 24 hrs. See Well Test Data Sheet Dated 5-28-74

Remarks: _____

SEE OTHER SIDE



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.....
 Location..... Columbus Junction, Iowa
 Dia. of Well..... 16" and 11"
 Depth of Well..... 1,471 Pump Used:
 Length of Airline..... 300
 Non-Pumping Level..... 52'
 Orifice Size..... 7" x 10"

Date Tested..... 5-30-74
 Tested By..... John Masters
 Driver..... LeRol
 Column and Shaft..... 8" x 1 1/2"
 Bows..... 12"
 Manufacturer..... Layne
 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	Piezometer 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	Pizometer 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	"	"	" " "

The pump had been running 4 hours before these readings were made.