



Hanson Well Drilling & Pump Co., Inc.

ROUTE 20

P.O. BOX 463, NASSAU, NEW YORK 12123

NASSAU 518-477-4127

1-800-292-7645

FAX: 518-479-4261

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

Received on 12/12/18 by
Solita Moran-Frye

Report Submitted To:

World Olivet Center
The General Office of World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Property Address:

115 Dover Furnace Road
Dover Plains, NY 12522
Well # 1

October 2, 2017

On September 26, 2017, a Well Inspection was performed on the well we will refer to as Well # 1 or the "Church Well". The Well Inspection was to consist of pulling pumps from the well as long as we are able to do so, determine depth of well and casing level, reset pumps in the well and perform a Four Hour Stabilized Pump Test.

Upon arrival at the site, the Technician pulled the pump from the well. The following were observed:


Well Depth	= 326' Feet Deep
Casing Depth	= 63' Feet Deep
Static Level	= 36' Feet
Pump Set	= 294' Feet Deep
Well Pump Size	= 10 GPM, 1 H.P. Submersible Pump
Pipe Type	= 1" Galvanized Steel Pipe
Flow Rate	= 10 GPM

During the course of this well inspection, it was observed that the 1" Galvanized Steel Discharge Piping was extremely rotted and warranted replacement. This should be something that is strongly considered to be performed in the very near future. Based on the depth of the well, replacement of the discharge piping with new 1" SCH 120 PVC Piping, threaded and coupled, set back on the existing Pitless Adapter, not including any additional materials, but including labor and tax should cost approximately \$1,500.00.

The pump test is attached to this report.

If you have any questions regarding any of these proceedings, please do not hesitate to contact us at (518) 477-4127.

Sincerely,


Thomas F. Hanson, Jr.
Hanson Well Drilling & Pump Co., Inc.



Hanson Well Drilling & Pump Co., Inc.

ROUTE 20

P.O. BOX 463, NASSAU, NEW YORK 12123

NASSAU 518-477-4127

DATE: September 26, 2017

CHURCH WELL

1-800-292-7645

FAX: 518-479-4261

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well 326'

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE 1 HP Submersible

Set at 294'

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
1:04 PM	START		33' 2"
1:05 PM	1 Minute	10 GPM	37' 2"
1:06 PM	2 Minutes	10 GPM	40' 0"
1:07 PM	3 Minutes	10 GPM	41' 8"
1:08 PM	4 Minutes	10 GPM	43' 5"
1:09 PM	5 Minutes	10 GPM	45' 0"
1:10 PM	6 Minutes	10 GPM	46' 5"
1:11 PM	7 Minutes	10 GPM	47' 8"
1:12 PM	8 Minutes	10 GPM	48' 8"
1:13 PM	9 Minutes	10 GPM	50' 0"
1:14 PM	10 Minutes	10 GPM	51' 0"
1:24 PM	20 Minutes	10 GPM	58' 8"
1:34 PM	30 Minutes	10 GPM	63' 4"
1:44 PM	40 Minutes	10 GPM	66' 4"
1:54 PM	50 Minutes	10 GPM	69' 4"
2:04 PM	60 Minutes	10 GPM	73' 2"
2:24 PM	1 Hr. 20 Min.	10 GPM	73' 2"
2:44 PM	1 Hr. 40 Min.	10 GPM	73' 2"
3:04 PM	2 Hours	10 GPM	73' 2"
3:24 PM	2 Hrs. 20 Min.	10 GPM	73' 2"
3:44 PM	2 Hrs. 40 Min.	10 GPM	73' 2"
4:04 PM	3 Hours	10 GPM	73' 2"
4:24 PM	3 Hrs. 20 Min.	10 GPM	73' 2"
4:44 PM	3 Hrs. 40 Min.	10 GPM	73' 2"
5:04 PM	4 Hours	10 GPM	73' 2"


Thomas F. Hanson, Vice President



Hanson Well Drilling & Pump Co., Inc.

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P.O. BOX 463, NASSAU, NEW YORK 12123

NASSAU 518-477-4127

DATE:

CHURCH WELL

1-800-292-7645

FAX: 518-479-4261

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well 326'

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE

1 HP Submersible

Set at 294'

RECOVERY TEST

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
5:04 PM	START		73' 2"
5:05 PM	1 Minute		69' 4"
5:06 PM	2 Minutes		67' 0"
5:07 PM	3 Minutes		65' 0"
5:08 PM	4 Minutes		63' 1"
5:09 PM	5 Minutes		61' 6"
5:10 PM	6 Minutes		60' 4"
5:11 PM	7 Minutes		59' 2"
5:12 PM	8 Minutes		58' 1"
5:13 PM	9 Minutes		57' 2"
5:14 PM	10 Minutes		56' 1"
5:24 PM	20 Minutes		49' 8"
5:34 PM	30 Minutes		46' 2"
5:44 PM	40 Minutes		43' 5"
5:54 PM	50 Minutes		39' 9"
6:04 PM	60 Minutes		36' 5"

Thomas F. Hanson, Vice President



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1-800-292-7645

FAX: 518-479-4261

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

Report Submitted To:

World Olivet Center
The General Office of World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Property Address:

115 Dover Furnace Road
Dover Plains, NY 12522
Well # 3

October 2, 2017

On September 28, 2017, a Well Inspection was performed on the well we will refer to as Well # 3, or as the "Greenhouse" Well. The Well Inspection was to consist of pulling pumps from the well as long as we are able to do so, determine depth of well and casing level, reset pumps in the well and perform a Four Hour Stabilized Pump Test.

Upon arrival at the site, the Technician pulled the pump from the well. The following were observed:

Well Depth	= 201' Feet Deep
Casing Depth	= 80' Feet Deep
Static Level	= 45.6' Feet
Pump Set	= 160' Feet Deep
Well Pump Size	= 25 GPM, Myers 2 H.P. Submersible Pump
Pipe Type	= 1 1/4" SCH 120 PVC Pipe, Threaded and Coupled
Flow Rate	= 40 GPM

During the course of this well inspection, no immediate repairs were noted.

The pump test is attached to this report.

If you have any questions regarding any of these proceedings, please do not hesitate to contact us at (518) 477-4127.

Sincerely,

Thomas F. Hanson, Jr.
Hanson Well Drilling & Pump Co., Inc.



Hanson Well Drilling & Pump Co., Inc.

ROUTE 20

P.O. BOX 463, NASSAU, NEW YORK 12123

NASSAU 518-477-4127

DATE: September 28, 2017

GREENHOUSE WELL

1-800-292-7645

FAX: 518-479-4261

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well 201'

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE 2 HP Submersible

Set at 160'

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
11:21 AM	START		45' 6"
11:22 AM	1 Minute	40 GPM	57' 6"
11:23 AM	2 Minutes	40 GPM	65' 2"
11:24 AM	3 Minutes	40 GPM	70' 4"
11:25 AM	4 Minutes	40 GPM	74' 7"
11:26 AM	5 Minutes	40 GPM	77' 2"
11:27 AM	6 Minutes	40 GPM	79' 4"
11:28 AM	7 Minutes	40 GPM	81' 0"
11:29 AM	8 Minutes	40 GPM	82' 4"
11:30 AM	9 Minutes	40 GPM	83' 5"
11:31 AM	10 Minutes	40 GPM	84' 4"
11:41 AM	20 Minutes	40 GPM	88' 8"
11:51 AM	30 Minutes	40 GPM	90' 6"
12:01 PM	40 Minutes	40 GPM	91' 6"
12:11 PM	50 Minutes	40 GPM	92' 8"
12:21 PM	60 Minutes	40 GPM	94' 8"
12:41 PM	1 Hr. 20 Min.	40 GPM	94' 6"
1:01 PM	1 Hr. 40 Min.	40 GPM	94' 3"
1:21 PM	2 Hours	40 GPM	94' 3"
1:41 PM	2 Hrs. 20 Min.	40 GPM	94' 3"
2:01 PM	2 Hrs. 40 Min.	40 GPM	94' 3"
2:21 PM	3 Hours	40 GPM	94' 3"
2:41 PM	3 Hrs. 20 Min.	40 GPM	94' 3"
3:01 PM	3 Hrs. 40 Min.	40 GPM	94' 3"
3:21 PM	4 Hours	40 GPM	94' 3"
3:41 PM	4 Hrs. 20 Min.	40 GPM	94' 3"
4:01 PM	4 Hrs. 40 Min.	40 GPM	94' 3"
4:21 PM	5 Hours	40 GPM	94' 3"
4:41 PM	5 Hrs. 20 Min.	40 GPM	94' 3"
5:01 PM	5 Hrs. 40 Min.	40 GPM	94' 3"


Thomas F. Hanson, Vice President



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DATE: September 28, 2017

GREENHOUSE WELL

1-800-292-7645

FAX: 518-479-4261

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well 201'

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE 2 HP Submersible

Set at 160'

RECOVERY TEST

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
5:01 PM	START		94' 3"
5:02 PM	1 Minute		76' 5"
5:03 PM	2 Minutes		67' 4"
5:04 PM	3 Minutes		62' 2"
5:05 PM	4 Minutes		59' 4"
5:06 PM	5 Minutes		57' 2"
5:07 PM	6 Minutes		55' 8"
5:08 PM	7 Minutes		54' 9"
5:09 PM	8 Minutes		54' 1"
5:10 PM	9 Minutes		53' 4"
5:11 PM	10 Minutes		53' 0"
5:21 PM	20 Minutes		49' 6"
5:31 PM	30 Minutes		46' 1"



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PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

Report Submitted To:

World Olivet Center
The General Office of World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Property Address:

115 Dover Furnace Road
Dover Plains, NY 12522
Well # 4

October 2, 2017

On September 28, 2017, a Well Inspection was performed on the well we will refer to as Well # 4, or as the "Apartment" Well. The Well Inspection was to consist of pulling pumps from the well as long as we are able to do so, determine depth of well and casing level, reset pumps in the well and perform a Four Hour Stabilized Pump Test.

Upon arrival at the site, the Technician pulled the pump from the well. The following were observed:

Well Depth	= Unable to be determined. Pitless Adapter has failed.
Casing Depth	= Unable to be determined. Could not pull pump.
Starting Static Level	= 35' Feet
Pump Set	= 180' Feet Deep (according to written records visually observed on site.
Well Pump Size	= 25 GPM, 3 H.P. Submersible Pump
Pipe Type	= 1 1/4" SCH 80PVC Pipe
Flow Rate	= 12 GPM

During the course of this well inspection, a number of repairs were noted. Specifically, the Pitless Adapter has a galvanized bushing threaded into the top of it with the threads completely rotted out. There is also a leak somewhere in the system, either in the well or in the underground. We would need to repair the Pitless Adapter, and remove the pump from the well in order to determine the source of the leak. There is a bad Check Valve in the Pump House, along with at least two of the four Well Mate Pressure Tanks having failed.

An estimated budgetary number to cut out the Pitless Adapter and replace, make repairs to the leak in the well (assuming that is where the leak is), replace the check valve in the pump house, and replace all four well mate pressure tanks would be approximately \$6,000.00-\$8,000.00. Again, this is a budgetary number, the cost may be less, but given the size of the system, and approximately a two day duration of the project, this would be a good starting point.

The pump test is attached to this report.

If you have any questions regarding any of these proceedings, please do not hesitate to contact us at (518) 477-4127.

Sincerely,



Thomas F. Hanson, Jr.
Hanson Well Drilling & Pump Co., Inc.



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ROUTE 20

P.O. BOX 463, NASSAU, NEW YORK 12123

NASSAU 518-477-4127

DATE: September 28, 2017

APARTMENT WELL

1-800-292-7645

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE 3 HP Submersible

Set at 180'

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
11:00 AM	START		35' 0"
11:01 AM	1 Minute	12 GPM	37' 5"
11:02 AM	2 Minutes	12 GPM	39' 8"
11:03 AM	3 Minutes	12 GPM	41' 5"
11:04 AM	4 Minutes	12 GPM	42' 7"
11:05 AM	5 Minutes	12 GPM	43' 9"
11:06 AM	6 Minutes	12 GPM	45' 2"
11:07 AM	7 Minutes	12 GPM	46' 2"
11:08 AM	8 Minutes	12 GPM	47' 1"
11:09 AM	9 Minutes	12 GPM	47' 9"
11:10 AM	10 Minutes	12 GPM	48' 6"
11:20 AM	20 Minutes	12 GPM	53' 7"
11:30 AM	30 Minutes	12 GPM	56' 4"
11:40 AM	40 Minutes	12 GPM	58' 3"
11:50 AM	50 Minutes	12 GPM	59' 5"
12 NOON	60 Minutes	12 GPM	60' 4"
12:20 PM	1 Hr. 20 Min.	12 GPM	61' 8"
12:40 PM	1 Hr. 40 Min.	12 GPM	62' 8"
1:00 PM	2 Hours	12 GPM	66' 9"
1:20 PM	2 Hrs. 20 Min.	12 GPM	66' 9"
1:40 PM	2 Hrs. 40 Min.	12 GPM	66' 9"
2:00 PM	3 Hours	12 GPM	66' 9"
2:20 PM	3 Hrs. 20 Min.	12 GPM	66' 9"
2:40 PM	3 Hrs. 40 Min.	12 GPM	66' 9"
3:00 PM	4 Hours	12 GPM	66' 9"
3:20 PM	4 Hrs. 20 Min.	12 GPM	66' 9"
3:40 PM	4 Hrs. 40 Min.	12 GPM	66' 9"
4:00 PM	5 Hours	12 GPM	66' 9"
4:20 PM	5 Hrs. 20 Min.	12 GPM	66' 9"
4:40 PM	5 Hrs. 40 Min.	12 GPM	66' 9"
5:00 PM	6 Hours	12 GPM	66' 9"


Thomas F. Hanson, Vice President



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APARTMENT WELL

1-800-292-7645

DATE: September 28, 2017

FAX: 518-479-4261

PUMP TEST - World Olivet Assembly
115 Dover Furnace Road
Dover Plains, NY 12522

Depth of Well

PITTSFIELD 413-442-9309

TROY 518-274-0363

CHATHAM 518-392-6515

PUMP TYPE 3 HP Submersible

Set at 180'

RECOVERY TEST

<u>TIME</u>	<u>INT.</u>	<u>FLOW</u>	<u>STATIC</u>
5:00 PM	START		66' 9"
5:01 PM	1 Minute		64' 0"
5:02 PM	2 Minutes		62' 5"
5:03 PM	3 Minutes		61' 2"
5:04 PM	4 Minutes		59' 6"
5:05 PM	5 Minutea		57' 8"
5:06 PM	6 Minutes		56' 9"
5:07 PM	7 Minutes		56' 0"
5:08 PM	8 Minutes		55' 4"
5:09 PM	9 Minutes		54' 6"
5:10 PM	10 Minutes		53' 9"
5:20 PM	20 Minutes		49' 6"
5:30 PM	30 Minutes		46' 6"
5:40 PM	40 Minutes		44' 6"
5:50 PM	50 Minutes		43' 2"
6:00 PM	60 Minutes		41' 9"
6:20 PM	1 Hr. 20 Min.		39' 0"
6:40 PM	1 Hr. 40 Min.		37' 1"
7:00 PM	2 Hours		36' 5"


Thomas F. Hanson, Vice President