



# GROSCH IRRIGATION CO.

# 53097

3110 33rd Rd, P.O. Box 337  
Silver Creek, NE 68663-0337

Phone 308-773-2261 Fax 308-773-2414

NAME City of Newton, Iowa DATE 9/1/00  
Newton Water Plant  
 ADDRESS 5382 S 48th Ave. W  
Newton, Iowa 50208

NE <sup>SEC</sup> 13 T79 R20W

### Jordan Well #24

SEC \_\_\_\_\_ TWN \_\_\_\_\_ RGE \_\_\_\_\_

\_\_\_\_\_ FEET FROM \_\_\_\_\_ LINE  
 \_\_\_\_\_ FEET FROM \_\_\_\_\_ LINE

Page 1

DRILL WELL		
FOOTAGE		DESCRIPTION
0	3	Topsoil
3	14	Brown Clay
14	39	Sand & Gravel
39	45	Blue Gray Till
45	53	Gray Sandstone
53	85	Off White Limestone
85	110	White Limestone w/Shale
110	121	Gray Limestone
121	125	Gray Shale
125	145	Brown Limestone w/Shale
145	159	Gray Limestone w/Shale
159	180	Gray to Brown Limestone w/Shale
180	235	Gray Limestone
235	253	Gray Limestone w/Shale Seams
253	265	Light Brown Sandstone
265	319	Gray Limestone w/Shale Seams
319	354	Gray Limestone
354	386	Gray & Light Gray Shale
386	440	Brown Shale
440	453	Gray Shale
453	501	Gray to White Shale w/Limestone
501	511	Blue Gray Shale
511	575	Shale w/ Limestone Stringers
575	608	More Limestone, White
608	637	Brown Limestone w/Shale
637	690	Brown Limestone
690	700	Softer White Shale
700	744	Brown Limestone
744	751	Gray Limestone w/White Shale
751	850	Brown Limestone
850	873	More White Stone
		Continue to page 2

DRILLER \_\_\_\_\_



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TEST LOG		
FOOTAGE		DESCRIPTION
873	880	Gray Limestone
880	915	Light Green Dolomite, Soft
915	958	Light Gray Dolomite, Soft
958	1020	Brown & Gray Stone
1020	1052	Brown, Gray & Green Stone, Soft
1052	1075	White Dolomite w/ Green Shale
1075	1102	Domite w/Chart
1102	1115	Shaley Dolomite, Green & Reddish Brown
1115	1147	Brown Stone w/Shale
1147	1178	Shale
1178	1185	Shale w/Brown Chart
1185	1232	Gray Shale
1232	1242	Brown Chart w/Shale
1242	1336	More Harder Brown Stone
1336	1351	Brown Chart
1351	1415	Brown Dolomite w/ Minor Shale
1415	1438	Brown - Tan Dolomite
1438	1487	Dolomite & Chart
1487	1503	Tan Dolomite w/Minor Shale
1503	1523	Sandstone & Dolomite
1523	1565	Gray Dolomite w/Chart
1565	1571	Brown Dolomite
1571	1609	Blue Gray Dolomite w/Shale
1609	1621	Blue Dolomite
1621	1654	Sandstone (St.Peter)
1654	1720	Blue Gray Domite
1720	1815	Tan Domite
1815	1827	Tan Dolomite w/White Sanstone
1827	1890	More White Sandstone
1890	1904	White Dolomite w/Sandstone
1904	1913	White Sandstone w/Dolomite
		Continue to page 3

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TEST LOG		
FOOTAGE		DESCRIPTION
1913	1952	White Dolomite w/Sandstone
1952	1961	Gray Dolomite w/Sandstone Streaks
1961	2026	Tan, Gray, and White Stone
2026	2041	Gray Dolomite
2041	2104	Brown & Tan Stone
2104	2110	Brown to Gray Dolomite
2110	2126	White Dolomite
2126	2154	White Sandstone
2154	2168	Tan Dolomite
2168	2256	Gray Dolomite
		SWL 168' BGL
		Test Pump 9/13/00
		SWL 172' TGL
		After 25 Min 2250 GPM w/323'
		After 25 Min 2100 GPM w/322.5'
		Temp 73.5 °
		Water Analysis by City
		PH 7.3
		Temp 21.1 °C
		Iron .09
		Nitrate .1
		Total Hardness 300 (19 Grains)

DRILLERS  
 Mark Evans, Mike Fritton,

