

Northway Well and Pump Co.

4895 8th Avenue
Marion, Iowa 52302

520 14' Linn
60' NW #7

Drilled for Water Works of Hiawatha, Iowa

Well is located _____ N-E-S-W and _____ miles N-E-S-W from _____

in the _____ 1/4 _____ 1/4 Section _____ Township _____ Range _____

Drilling started November 19 99 Completed January 2000

Well No. 8 Kind of Well Drilled Depth 500' Size hole started 16' in

Finish 11 1/2 G.P.M. 800 Static Head 126 Pumping level from surface 162

Water was first encountered at 200 in _____ Approx. Amt. 500 Temp. 56 Degrees

Remarks A large crevice at 113' to 119' required extra grout pumped and tremied 4 yds. of mement and 105 bags of bentonite.

(GIVE DETAILS OF PERFORATED PIPE AND SEALS)

RECORD OF PERMANENT PIPE					TEMPORARY PIPE	
SIZE PIPE	AMOUNT OF PIPE	DEPTH TO BOTTOM OF PIPE	DEPTH TO TOP OF PIPE	MAKE OF PIPE	SIZE PIPE	AMOUNT
12"	245'	245'	+2	Steel .375 wall A53 Prime B		

Driller Rick Freese From Surface to 500 feet
 Driller _____ From Surface to _____ feet
 Driller _____ From Surface to _____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
2'	Top soil	2'
15'	Brown sand	17'
5'	Sandy till	22'
3'	Fine sand and gravel	25'
26'	Gray till	51'

Phone 319-377-6339

1-800-747-6339

FAX 319-377-8148

AMOUNT FEET	KINDS OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
6'	White limestone	57'
22'	Dark gray and brown limestone	79'
24'	Brown limestone	103'
22'	Light brown limestone	125'
19'	Gray limestone	144'
2'	Brown shale	146'
11'	Brown limestone	157'
21'	Gray shale	178'
34'	Light blue limestone with chert	212'
19'	Brown limestone with green shale streaks	231'
14'	Tan limestone	245'
15'	Gray limestone	260'
38'	Light brown limestone	298'
77'	Light gray limestone	375'
60'	Gray limestone	435'
65'	Light gray limestone	500'

52014

**100 North 6th Street
Waukee, Iowa 50263
515-987-4575**

WELL TEST DATA REPORT

Customer	Water Works	City	Hiawatha, Iowa
Location	West of 380 on Boyson Rd. Well No. 8		
Size Casing	12"	Total Depth	500'
Pump Make	Crown	Model No.	8L600
Diameter	8"	Total Setting	252
Meter Used	6" Prop.	Static Level	126'
		Construction	Steel
		No. of Stages	5
		Air Line Length	252

[illegible]