50445

Northway Well and Pump Co.

4895 8th Avenue
Marion, Iowa 52302

Drilled for City Water Works of Waverly, Iowa

Well is located ____ N-E-S-W and ____ miles N-E-S-W from West of Cuna Mutual Ins.

in the NE 1/4 SW 1/4 Section 4 Township 91N Range 14W

Drilling started June 17 19 99 Completed August 3 19 99

Well No. 8 Kind of Well Cable Tool Depth 228' Size hole started 24" in

Finish 17" G.P.M. 3000 Static Head 110' Pumping level from surface 120'

Water was first encountered at ____ in ____ Approx. Amt. ____ Temp. 54 degrees

Remarks ____

(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
24"	72'	72'	GL	Steel		
18"	142'	142'	+2	Steel		
				.375 wall A53 Prime B		

Driller Frank Caes From Surface to 228 feet
Driller Joe Caes From Surface to 228 feet
Driller ____ From Surfact to ____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
5'	Top soil	5'
16'	Yellow clay	21'
14'	Sand	35'
35'	Gray sandy clay	70'
2'	Yellow clay	72'

Phone 319-377-6339 1-800-747-6339 FAX 319-377-8148

AMOUNT FEET	KINDS OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
33'	Limestone with shale breaks	105'
50'	Brown limestone	155'
10'	No cuttings	165'
41'	Light gray limestone	206'
17'	Light gray limestone (hard)	223'
5'	Brown shale and limestone	228'