Northway Well and Pump Co.

4895 8th Avenue
Marion, Iowa 52302
Phone 319/377-6339

Drilled for City Water Department at West Des Moines, Iowa

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

in the ____ ¼ ____ ¼ Section ____ Township ____ Range ____

Drilling started August 21 19 91 Completed August 22 19 91

Well No. 13 Kind of Well Gravel Pack Depth 36' Size hole started 52" in

Finish 52" G. P. M. 340 Static Head 6' Pumping level from surface 21'

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

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
20"	30'	26'	4' above ground	Steel		
20"	10'	36'	26'	S.S. Cook Screen 070 slot		

Driller Guy Lemar From Surface to 36' feet

Driller Marv Anderson From Surface feet to 36' feet

Driller ____ From ____ feet to ____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
7	Top Soil & Clay	7
11	Medium Sand & Gravel	18
1	Gray Clay	19
2	Gray Clay & Gravel Streaks	21

20"	30'	26'	4' above ground	Steel		
20"	10'	36'	26'	S.S. Cook Screen 070 slot		

Driller Guy Lemar From Surface to 36' feet

Driller Marv Anderson From Surface feet to 36' feet

Driller From feet to feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
7	Top Soil & Clay	0 7
11	Medium Sand & Gravel	7 18
1	Gray Clay	18 19
2	Gray Clay & Gravel Streaks	19 21
2	Fine to Medium Sand & Gravel	21 23
2	Medium to Coarse Sand & Gravel	23 25
4	Medium to Fine Sand	25 29
2	Medium Sand & Gravel	29 31
2	Medium to Fine Sand	31 33
3	Medium to Coarse Sand & Gravel	33 36
1	Gray Shale & Coal	36 37