

Northway Well and Pump Co.

**4895 8th Avenue
Marion, Iowa 52302**

Drilled for City Water Works of Greene, Iowa

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

in the NW 1/4 SE 1/4 Section 2 Township Cold Water Range R17W

Drilling started March 11 1999 Completed April 22 1999

Well No. 2 Kind of Well Drilled Depth 211' Size hole started 12" in

Finish 8" G.P.M. 350 Static Head 36' Pumping level from surface 42'

Water was first encountered at _____ in _____ Approx. Amt. _____ Temp. 50 Degrees

Remarks This well was reconstructed as follows:

(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
8"	158'	158'	+18"	Steel		
		158' With cement shoe				

Driller Tom Engelken From 147' ~~Surface~~ to 211' feet
 Driller Andrew Cira From Surface to 211' feet
 Driller _____ From Surface to _____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH IN FEET
Start at 147' 1'	Shale and drill cuttings	148'
13'	Brown limestone, very hard	161'
11'	Gray and brown limestone	172'
5'	Gray limestone	177'
6'	Soft gray limestone	183'

NORTHWAY WELL AND PUMP COMPANY

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

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

WELL TEST DATA REPORT

Customer	City Water Works	City	Greene, Iowa
Location	NW part of city	Well No.	2
Size Casing	8"	Total Depth	211'
Pump Make	Simmons	Model No.	556HB
Diameter	6"	Total Setting	84'
Meter Used	4" Prop	Static Level	36'
		Construction	Steel
		No. of Stages	4
		Air Line Length	84'

DATE	TIME	GPM	P.L.	D.D.	S.C.	P.S.I.	TEMP. DISCHARGE
							DESCRIPTION
4-20-99	8:15	300	44	8'	37.5	15	Very dirty
	8:20	300	44	8'	37.5	15	Dirty
	8:25	300	44	8'	37.5	15	Dirty
	8:30	300	44	8'	37.5	15	Dirty
	8:40	300	44	8'	37.5	15	Dirty
	8:50	300	44	8'	37.5	15	Dirty/Clearing
	9:00	300	42	6'	50	15	Cloudy
	9:15	300	42	6'	50	15	Cloudy
	9:30	300	42	6'	50	15	Cloudy
	9:45	300	42	6'	50	15	Cloudy
	10:00	300	42	6'	50	15	Cloudy
	10:30	300	42	6'	50	15	Cloudy
	11:00	300	42	6'	50	15	Partial Clearing
	11:30	300	42	6'	50	15	Clearing
Noon	12:00	300	42	6'	50	15	Clear
	12:30	300	42	6'	50	15	Clear
	1:00	300	42	6'	50	15	Clear
	2:00	300	42	6'	50	15	Clear
	3:00	350	42	6'	58.3	5	Clear
	3:15	350	42	6'	58.3	5	Clear
	3:30	350	42	6'	58.3	5	Clear
	3:45	350	42	6'	58.3	5	Clear
	4:00	350	42	6'	58.3	5	Clear
	4:15	350	42	6'	58.3	5	Clear
	4:30	350	42	6'	58.3	5	Clear
	4:45	350	42	6'	58.3	5	Clear

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

W11918

Location:

Town: GREENE (NE) County BUTLER (SW)
sec. 1? T. 93 N., R. 17 (W) Twp.

Well name and number _____

Owner GREENE TOWN TRST (1960) Address GREENE, IOWA

Tenant _____ Address _____

Contractor LAYNE-WESTERN Co. Address AMES, IOWA

Drillers _____

Drilling dates WINTER 1960

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 150 feet; Measured _____ feet

Drilling method _____

Hole and casing data _____

Original depth to water _____ above
ft. below _____ Date _____

Source of data _____

W11918

Sources of water: Principal _____
Others _____

PRODUCTION DATA

Date _____
Static water level _____
Pumping water level _____
Yield (g.p.m.) _____
Measuring point _____
Duration of pumping _____
Specific capacity _____

LABORATORY DATA

TL1-35

Well No. W11918 Sample range 0-150 No. of samples 30
No. of dupls. and cond. 28 good Washed range 15-150
Samples prepared by Koch Date 3/16/60
Logged by Fred A. Doehlein Date 2-20-61
Correlations by " " " Date " "