

# Northway Well and Pump Co.

4895 8th Avenue

Marion, Iowa 52302

Phone 319/377-6339

IA. WATS 1-800-332-3007

Well # 30

## WELL RECORD

Well is located  $\frac{N}{E}$   $\frac{N}{E}$  miles S and  $\frac{W}{W}$   $\frac{W}{W}$  miles S from  
 Grandview Av. Well field  
 (Nearest Town) in (County)

in the  $\frac{1}{4}$   $\frac{1}{4}$  Sec. T. R.

Owner City of Muscatine Well No. 30

Postoffice address Muscatine

Contractor Northway Well Co

Address Marion Iowa

Driller Guy Lemar - Kevin Northway

Well begun May 2, 1988

completed May 5, 1988

Rig used—Cable, Rotary, Jet, or R-Rotary

Depth of well 131' (Feet)

Size of hole (note total amount of each size)

0-131' 36"

Main water supply at 101-131 (Feet below surface)

Final water head 20' below (Feet above or below surface)

Is well pumped? Customer Pumped

Yield (Gallons per minute)

Water level when pumping

Position of well (Upland, valley, side hill, etc.)

\*As cast, wrought iron, steel, concrete, etc.

Is screen used? Yes Diameter 24" (Inches)

Length 30' (Feet) Depth to bottom 131'

Depth to top 101' Slot size 070

Are packers or seals used? Yes Ben Seal

Kind Ben Seal

Where used Top of Gravel Pack

Kind of pump Turbine Dia. 14" (Inches)

Capacity of pump 1500 (g.p.m.)

Power used Elect motor (Kind and amount)

Depth to bottom of pump line 70' feet,

including X feet tailpiece.

Remarks on construction of well a lot of Boulder 83' to 110'





# Northway Well and Pump Co.

## DAILY REPORT

THE NORTHWAY CORP.

4895 8th AVE. MARION, IOWA 52302 PHONE 319/377-6339

Customer Muscatine Power & Water Date 5-3-88  
 City Muscatine, Ia. Weather report clear  
 Hole No. 30 Drilling method used RV-6

Under "REMARKS" describe OTHER WORK and hours spent on it today.  
 List kind and type of work done. No time allowed for "GENERAL WORK."

CORRECT FULL NAMES OF MEN	P. M. SHIFT				A. M. SHIFT				P. M. SHIFT				Total Hours	Feet Drilled	
	Start	Stop	Start	Stop	Start	Stop	Start	Stop	Start	Stop	Start	Stop			
Guy Lemar					7.0						8.5			13.5	83
Kevin Northway					7.0						8.5			13.5	83
Leon Carpenter					7.0						8.5			13.5	83

Depth Last Report	FORMATION	Size Hole	Amount Feet	Total Feet	Feet to Water	Will It Cave
0-72	Sand Gravel	36"	72	72	—	—
72-83	Sand Gravel, Boulders	36"	11	83	—	—

PIPE SET TODAY	Size	Number Feet	Total Feet Set	Bottom of Pipe	Balance on Hand	Size
None						
SCREEN SET						

**EXPENDITURES TODAY—INCLUDE GAS, OIL, ETC. (ATTACH INVOICES AND RECEIPTS)**

Articles Charged	Amount	Articles Paid Cash	Amount
Excavating			

**REMARKS**

Give records of BAILING, SHOOTING, TESTING—Depth and quantity  
Started drilling. Drilled sand and gravel to 72'. Hit boulders. Pull drill pip  
out. Ran clam bucket in and didn't get anything. Put on zublin bit. Drilled  
to 83'. Pulled tool, out and shut down for the day. Randy came and kept the  
pit full of water all night.



# Northway Well and Pump Co.

## DAILY REPORT

THE NORTHWAY CORP.

4895 8th AVE. HARRISON, IOWA 52302 PHONE 319/377-6339

Customer Muscatine Power & Water Date 5-4-88  
 City Muscatine, Ia. Weather report clear-windy  
 Hole No. 30 Drilling method used RV-6

Under "REMARKS" describe OTHER WORK and hours spent on it today.  
 List kind and type of work done. No time allowed for "GENERAL WORK."

CORRECT FULL NAMES OF MEN	P. M. SHIFT				A. M. SHIFT				P. M. SHIFT				Total Hours	Feet Drilled
	Start	Stop	Start	Stop	Start	Stop	Start	Stop	Start	Stop	Start	Stop		
Guy Lemar					7.0	12.0			12.5	11.0			15.5	48
Kevin Northway					7.0	12.0			12.5	11.0			15.5	48
Leon Carpenter					7.0	12.0			12.5	11.0			15.5	48

Depth Last Report	FORMATION	Size Hole	Amount Feet	Total Feet	Feet to Water	Will It Cave
83	Sand-gravel Fine	36"	11			
94	Sand-gravel Course	36"	37	131	21'	
131						

PIPE SET TODAY	Size	Number Feet	Total Feet Set	Bottom of Pipe	Balance on Hand	Size
SCREEN SET						

EXPENDITURES TODAY—INCLUDE GAS, OIL, ETC. (ATTACH INVOICES AND RECEIPTS)

Articles Charged	Amount	Articles Paid Cash	Amount

REMARKS

Give records of BAILING, SHOOTING, TESTING—Depth and quantity  
Ran clam bucket. Didn't get anything. Put on 23" bit. Drilled from 83' down to 131'. Pulled tool out, and put 36" bit on and worked it down past boulders. Large rock in hole. Got caught in bit. Pulled out. Had rock stuck on top of drill tool. Ran back in hole to 131'. Pulled tools out. Randy came and watched pit all night.