

WELL RECORD

Well is located $\frac{1}{2}$ miles $\begin{matrix} N \\ E \\ W \end{matrix}$ and _____ miles S from $\begin{matrix} N \\ E \\ W \end{matrix}$

MARSHALLTOWN in MARSHALL,
(Nearest Town) (County)

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

Owner M TOWN Well No. 11

Postoffice address _____

Contractor LAYNE-WESTERN C

Address 705 S. DUFF AMES

Driller WAYNE LA FONGAINE

Well begun 10-2, 1985;

completed 10-25, 1985

Rig used—Cable, ~~Rotary~~, Jet, or _____

Depth of well 147
(Feet)

Size of hole (note total amount of each size) 61'-
20" — 86' 2 15"

Main water supply at _____
(Feet below surface)

Final water head 10'
(Feet ~~above~~ or below surface)

Is well pumped? YES

Yield 2400
(Gallons per minute)

Water level when pumping 40'

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

[illegible]

NOTE: Water levels should be recorded at time of change AND at regular intervals; for example each morning before drilling starts or at the end of each 100 feet of drilling.

RECORD OF PERMANENT CASING

[illegible]

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

Is screen used?----- Diameter-----
(Inches)

Length_____ Depth to bottom_____
(Feet)

Depth to top_____ Slot size_____

Are packers or seals used?_____

Kind _____

Where used_____

Kind of pump-----Dia.-----
(Inches)

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

Power used _____
(Kind and amount)

Depth to bottom of pump line-----feet,
including-----feet tailpiece.

Remarks on construction of well_____

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
	0	5	
	5	10	
	10	15	SAND @ 12'
	15	20	
	20	25	
	25	30	
	30	35	CLAY @ 32'
	35	40	
	40	45	
	45	50	LIMESTONE @ 46'
	45 50	55	
	55	60	LIMESTONE @ 52'
	60	65	
	65	70	GRAY @ 68'
	70	75	
	75	80	BROWN @ 76'
	80	85	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
TOP SOIL BLACK	
CLAY SILTY BROWN	
CLAY-SAND GRAVEL COBBLE	
BOULDERS @ 32'	
CLAY GRAY	
BROKEN LIMESTONE W/SAND	
GRAY + BROWN LIMESTONE	
GRAY LIMESTONE	
LIMESTONE BROWN HARD	

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
	85	90	BROKEN @ 85
	90	95	
	95	100	YELLOW @ 96'
	100	105	
	105	110	
	110	115	SHALE BROWN @ 110
	115	120	
	120	125	
	125	130	
	130	135	BROWN + GRAY @ 131
	135	140	
	140	145	SHALE @ 144'
	145	147.75	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
LIMESTONE	BROKEN BROWN
LIMESTONE	BROWN TO YELLOW HARD
YELLOW SHALE	@ 110' - 112"
LIMESTONE	BROWN HARD
LIMESTONE	BROWN + GREY HARD
SHALE	GRAY