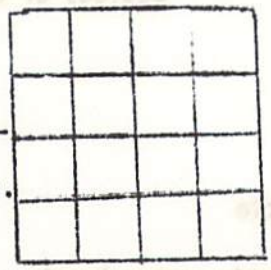
W13835

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

Location: ON FALLS AVE. @ ELEVATED RESERVOIR (NE)
Town: WATERLOO (SW) County BLACKHAWK (E)
NW sec. 27 T. 89 N., R. 13 (W) Twp.



Well name and number

Owner CITY OF WATERLOO FALLS AVE. WELL Address WATERLOO, IOWA

Tenant Address

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers ED L. AGER

Drilling dates FEB. - MARCH 1962

Well data:
Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 208' feet; Measured feet

Drilling method ROTARY

Hole and casing data

Original depth to water ft. above/below Date

Source of data

[redacted]13835

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level 86'

Pumping water level 88' 8"

Yield (g.p.m.) 600

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

TL4-524

Well No. [redacted]13835 Sample range 0-208 No. of samples 36

No. of dupls. and cond. 35 Good Washed range 130-208

Samples prepared by Buchheit Date 9/17/62

Logged by Northup Date 1/2/62

Correlations by _____ Date 1/2/62

THORPE WELL COMPANY

2340 SIXTH AVENUE
DES MOINES, IOWA

R-1-B

Drilled for Waterloo Water Works *at* Waterloo, Iowa

Well is located on Falls Ave. @ elevated reservoir *miles N-E-S-W and* *miles N-E-S-W from*

in the ¼ ¼ *Section* *Township* *Range*

Drilling started Feb. *19*62 *Completed* March *19*62

Well No. Falls Ave. Test *Kind of Well* Drilled *Depth* 208' *Size hole started* 20" *in*

Finish 8" *G. P. M.* 600 *Static Head* 86'0" *Pumping level from surface* 88'8"

Water was first encountered at 123' *in* Limestone *Approx. Amt.* *Temp.*

Remarks 8" pipe was pulled before pump test

(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"	13'0"
					16"	30'0"
					12"	121'3"
					10"	157'0"
					8"	196'0"

Driller Ed L. Ager *From Surface to* 208' *feet*

Driller *From* *feet to* *feet*

Driller *From* *feet to* *feet*

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
8	Yellow clay	8
10	Yellow clay & boulders	18
95	Gray clay - sand & gravel streaks	113
7	Yellow clay & broken limestone	120
85	Brown limestone - broken	205
	No Samples: 125' - 130'	
	157' - 175'	
	180' - 190'	
3	Brown limestone - trace of gray	
	limestone & gray shale	208