THORPE WELL COMPANY

[illegible] SIXTH AVENUE
DES MOINES, IOWA

Drilled for City of Waterloo at Waterloo, Iowa

Well is located 1 block miles N. and ½ block miles E. from Burton Avenue & Parker st.

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

Drilling started April 12 19 48 Completed June 30 19 48

Well No. 13 Kind of Well Gravel Pack Depth 82' Size hole started 94 in.

Finish 54" G. P. M. 2200 Static head 18 Drawdown 14' 6"

Water was first encountered at 18' in Coarse Sand & Gravel Approx. Amt. ____ Temp. 52°

Remarks Pump running alone without #7 & #12, drawdown 9' 6"

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
26"	39' 9"	31' 6"	8' 3" Above	26 OD ½"Wall	94	7' 10"
					84	12'11"
N. 8"	38'	33'	5' above	Standard	78"	18'10"
					72"	33'
S. 8"	38'	33'	5' above	"	66"	48'
					60"	60'
24"	50'	82'	32'	3/16 x 1½"Slot Everdur Screen	54"	83'6"
22"	3'	32'	29'	Flared out to 26" at top.	34"	77'6"

Driller E. E. Walker From Surface to 82 feet

Driller ____ From ____ feet to ____ feet

Driller ____ From ____ feet to ____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
2	Black Sandy Loam	2
5'10"	Coarse Sand & Gravel	7'10"
12'2"	Coarse Sand & Gravel	20'
9	Coarse Sand & Gravel	29'
13'6"	Coarse Sand & Gravel	42'6"
15'6"	Coarse Sand & Gravel	58'
13	Coarse Sand & Gravel	71'
8'6"	Coarse Sand & Gravel	79'6"
2'6"	Coarse Gravel Lime & Sand Rock Chunks	82'