

THORPE BROTHERS WELL COMPANY

25-10 Sixth Avenue
DES MOINES, IOWA

Their No. 3

THIS RECORD IS MICROFILMED 761
at Estherville, Iowa

Drilled for City of Estherville
 Drilling started Oct. 12, 19 31 Completed May 25, 19 32
 Well No. T Kind of Well Gravel Packed Depth 400' Size hole started 20 in.
 Finish G. P. M. 2045 Static head 109' Drawdown 28'
 Water was first encountered at 250' in sandrock Approximate Amount 4000 GPM

Remarks 80' 9" Screen- 33' 3" of 12" pipe on top of screen; coupling cut in two; 5' of cement in bottom of screen. 4" - 8" nipple in bottom of screen & 5' of 8" pipe on top of that cut off with inside pipe cutter; bottom of screen 350' - top of 12" pipe 466'

SIZE OF PIPE	AMOUNT OF PIPE	DEPTH TO BOTTOM OF PIPE	DEPTH TO TOP OF PIPE	MAKE OF PIPE	TEMPORARY PIPE	
					SIZE OF PIPE	AMOUNT
20"	323'					
8"	249' 11"	South hole				
8"	242' 2"	West hole				
8"	239' 3"	North hole				
6"	237'	East hole				

Driller R. A. Stoner From Surface to 400 feet
 Driller _____ From _____ feet to _____ feet
 Driller _____ From _____ feet to _____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION	TOTAL DEPTH FEET
2	Black dirt	
19	Gravel	2
42	Blue clay	21
37	Yellow clay	63
12	Blue clay	100
25	Yellow clay	112
3	Rock	147
24	Blue clay	150
1	Rock	174
6	Blue clay	175
9	Brown clay	181
12	Gray shale	190
9	Brown shale	202
3	Gray shale	211
13	Brown shale	214
4	Lime rock	227
12	Gray shale	231
17	Sand rock	243
10	Sand	260
11	Sand rock	270
24	Sand & sand rock	281
3	Sand & shale	315
24	Sand	318
3	Shale	342
54	Sand -hard	346
		400