THORPE WELL COMPANY

234 SIXTH AVENUE
DES MOINES, IOWA

THIS RECORD IS MICROFILMED 9-61

Drilled for City of Winfield at Winfield, Iowa

Well is located ____ miles N-E-S-W and ____ miles N-E-S-W from ____

the ____ ¼ ____ ¼ Section ____ Township ____ Range ____

Drilling started September 25 19 47 Completed January 26 19 48

Well No. 4 (2) Kind of Well Drilled Depth 1920' Size hole started 15" in.

Finish 10" G. P. M. 500 Static head 112' Drawdown 45'

Water was first encountered at 1155 in. Sandstone Approx. Amt. 117 GPM Temp. 55°

Remarks Tested at 1280' - 117 G.P.M. - 275' pumping head

El. 704'

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
10"	850'7"	849'7"	1' above Surface	(Welded Joints)	14"	90'9"

Driller Ed L. Ager From Surface to 1920 feet

Driller Frank A. Williams From 0 feet to 465 feet

Driller Guy F. Elam From 465 feet to 1920 feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET

32	Yellow clay	35
20	Blue Clay	55
4	Sand	59
29	Blue clay	88
106	Limestone	194
91	Blue shale	285 326
90	Brown shale	375 327
20	Gray shale	395
30	Blue shale	425
50	Brown shale	475
5	Gray shale	480
5	Brown shale	485
29	Gray shale	514
107	Limestone	621
34	Green shale	655
28	Brown shale	683
82	Green shale	755
39	Gray shale	794
46	Brown shale	840
240	Limestone	1080
5	Limestone (Shale streaks)	1085
37	Limestone	1122
19	Sandstone (Glenwood)	1141
14	Green shale	1155
33	Sandstone (St. Peter)	1188
62	Dolomite	1250
5	Dolomite (Shale streaks)	1255