

North Well

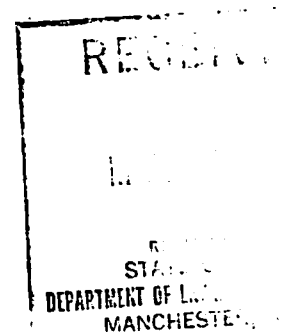
TOWN OF MAYNARD

Maynard, Iowa

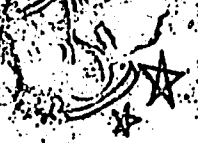
May, 1964

0 - 13' - Topsoil and clay
13' - 22' - Soft broken limerock
22' - 35' - Limerock (some water was found at 30' to 35')
35' - 85' - Limerock
85' - 92' - Shale
92' - 181' - Limerock
181' - 185' - Limerock and shale.

A 24" hole was drilled to 35' and 12 $\frac{1}{2}$ " ID casing was installed, and the water at 30' - 35' was shut out. A 12 $\frac{1}{2}$ " hole was then drilled to 100' and was then reduced to 10" with the intention of installing 10" of casing through the layer of shale from 85' - 92'. A 10" hole was then drilled to 185', and the well was tested and found to be only producing about 20 gpm. It was then decided that since this was to serve only as an emergency well to pull the 12 $\frac{1}{2}$ " casing and perforate it from 30 - 35' and gravel pack this area and to ~~submit~~ admit this upper water. After this was done, the



are of
erience



North Well

DATE 15 Sept. 1965

TERMS :

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
650 ft.	Drilling as per contract	5.00 per ft	3250.00
435 ft.	6" Black T & C pipe	4.00 per ft	1740.00
41 ft.	6" Black T & C Pipe	2.50 per ft	82.00
	TOTAL		5072.00
	LOG OF WELL		
0	to 163' Existing 12" Well		
163'	to 271' Shale		
271'	to 419' Limestone & Shale		
419'	to 653' Limestone (Galena)		
653'	to 762' Limestone (Decorah Plattsville)		
762'	to 825' Sandstone (St. Peter)		
825'	to 835' Limestone (Prairie du Chien)		
	Static Water Level 300' from ground level and does not flow below 450' pumping 100 Gallons per minute.		
	A 12" hole was drilled to 430' and 6" inside diameter pipe was installed and cement grout placed around pipe a 6" open rock hole was then drilled on through the Galena limestone and through the Decorah Plattsville formation and 8" into the St. Peter Sandstone and 42' of 6" inside diameter pipe was installed from 720' to 770' and a 6" open hole was drilled on through the St. Peter sandstone and 15' into the underlying Prairie du Chien formation.		

RECEIVED
 IOWA STATE DEPT. OF HEALTH
 MAR 29 1975
 REGIONAL HEALTH SERVICE NO. 1
 IOWA