SHAWVER WELL CO., INC.
WELL LOG DATA

Well NO: 7812063
Owner Name: CITY OF HAWKEYE
Second Name:
Address1:
Address2:
City: HAWKEYE, IA
Zip: 52147
Short Co. Name: FAY Fayette
Township: WINDSOR
Section: 19
Quarters:
Start Date: 12/01/78
End Date:

This is DNR Well #3

Log of Well				
	0'	to	3'	Topsoil
	3'	to	33'	Yellow clay
	33'	to	40'	Sandy clay
	40'	to	85'	Sand
	85'	to	98'	Sand & clay
	98'	to	140'	Blue clay

**The lead packer on top of the screen was then swedge out to the wall of the 10" casing. This was done to prevent the sand from coming in the well over the top of the screen. After the well was test pumped, the 16" temporary casing was then removed & the annular space to 40' was filled from ground level to 64'6" & is equipped with a forged steel drive shoe at the lower end of the casing. The well was test pumped at 153 gpm for 9 hr with a draw down to 57'4". The static water level prior to pumping is 27'.

Description
A 16" hole was drilled to 40', cased with a temporary 16" casing to 25'. A 10" ID casing was then installed to 101'6". A 10" hole was then drilled to 140', hoping to encounter the Devonian Limerock & find a suitable supply of water without using a scree. We have drilled farm wells in that area & found water in this limerock formation at a depth of 120' - 140'. Since we didn' t find water at 140', we plugged the hole back to 85' & installed a 20' stainless steel 304 x25 slot 8 5/8" OD x 8" ID sand screen. This screen is equipped with 8' of 8" pipe threaded on to the top of the screen with an 8" lead packer. The 10" casing was then pulled back from 101' to 64'8", thereby, exposing the screen to the sand formation. ** See above

Static Water Level: 40'
Pump Setting:
Water Test:
Bore Hole Data

Driller: