

DONLAN, JERRY  
201 W. Water  
Decorah, 52101

winneshiak, Decorah, Sec. 31, SWSW A  
July 26 - August 6, 1990  
NITRATE LEVEL:

31579

LOG OF WELL			
0'	to	50'	Topsoil & brown clay
50'	to	68'	Blue clay
68'	to	78'	Sand & gravel
78'	to	85'	Brown shale rock
85'	to	290'	Galena limerock
290'	to	298'	Shale & rock
298'	to	307'	Limerock
307'	to	355'	Shale
355'	to	376'	Limerock
376'	to	453'	Sandstone
453'	to	479'	Limerock
479'	to	485'	limerock
485'	to	490'	Sandstone
490'	to	520'	Limerock

OVER

The well is cased to 471' with 7" O.D. steel x .317 wall P.E. casing.  
A 10" hole was drilled to 479' and cement grout was pumped in the  
annular space.

The static water level is 225'.

The recommended pump setting is 375' at 75 gallon/minute.

BORE HOLE SIZE DAT			
0'	to	80'	12 $\frac{1}{4}$ " diameter
80'	to	479'	10" diameter
479'	to	520'	6 $\frac{1}{4}$ " diameter

JIM