T100N, R8W

3/602

HESPER LUTHERAN CHURCH
R #1 Bx 107
Mable, mn 55954

Winneshiek, Hesper, Sec. ~~10~~ 14, ~~SESESE~~ NW NW NW SW
September 12 - 21, 1990
NITRATE LEVEL: 17.6 ppm

Elevation* is 1345'
*from Jean Young over phone on May 2, 2000.

Corrected Location also from J. Young, 5/02/00
T100N R8W Sec. 14, NW NW NW, SW

LOG OF WELL

0'	to	15'	Sandy brown clay
15'	to	27'	Soft limerock
27'	to	44'	Brown clay
44'	to	57'	Limerock
57'	to	98'	Shale
98'	to	134'	Shale rock
134'	to	201'	Sandstone
201'	to	251'	Brown limerock w/dark brown specks
251'	to	304'	Light pink rock
304'	to	315'	Light blue rock
315'	to	365'	Gray rock
365'	to	397'	Brown rock
397'	to	403'	Light brown rock
403'	to	412'	White limerock
412'	to	461'	Gray limerock
461'	to	475'	Sandstone

The well is cased to 412' with 5 9/16" O.D. steel x .258 wall P.E. casing. A 10" hole was drilled to 407' and cement grout was pumped in the annular space.

The static water level is 245'.

The recommended pump setting is 340' at 14 gallons/minute.

BORE HOLE SIZE DATA

0'	to	45'	12 ¼ " diameter
45'	to	407'	10 " diameter
400'	to	475'	5 " diameter
45'	to	410'	6 ¼ " diameter

DAVE

SAMPLES

BIN ~~PAL 6~~

NUMBER SAMPLES 94 INTERVAL 5 (ft) GAPS N T NUM_BOXES 2 DUPS SAVED (N)

SAMPLE TOP 0 (ft) SAMPLE BOTTOM 475 (ft) WASH TOP 15 (ft) WASH BOTTOM 475 (ft)

GAPS 160 - 165

CUT STORAGE ODA - 820, 821 CUT DATE 11/20/92 JG

DUPLICATE STORAGE