

MAIL TO:

WATER SUPPLY BRANCH
DIVISION OF ENVIRONMENTAL CONTROL
P.O. BOX 1401
DOVER, DELAWARE 19903

**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL**

WELL COMPLETION REPORT MUST
BE RETURNED 30 DAYS AFTER
CONSTRUCTION DATE

Me 24-12

WELL COMPLETION REPORT

PLEASE PRINT

PERMIT NO. 83390 LOCAL ID _____

OWNER Steven Hastings

CONSTRUCTION DATE 6-21-90

PURPOSE: TEST PERMANENT

USE: DOMESTIC AGRICULTURAL
 COMMERCIAL INDUSTRIAL
 IRRIGATION PUBLIC
 OBSERVATION DEWATERING
 HEAT PUMP RECHARGE HEAT PUMP SUPPLY
 OTHER (Specify) _____

IS THIS A REPLACEMENT WELL? YES NO

ABANDONMENT DATE FOR OLD WELL 9-30-90

ABANDONMENT METHOD Drill

DRILLING METHOD

- AUGERED BORED CABLE TOOL
 DRIVEN JETTED AIR ROTARY
 MUD ROTARY REVERSE WASHED
 OTHER (Specify) _____

TOTAL DEPTH DRILLED 250

CASING SEQUENCE

CASING TOP
CASING BOTTOM
CASING DIAMETER
CASING MATERIAL

INNER	OUTER
<u>1</u>	
<u>230</u>	
<u>4</u>	
<u>PVC</u>	

SCREEN SEQUENCE

SCREEN TOP
SCREEN BOTTOM
SCREEN DIAMETER
SCREEN MATERIAL

INNER	OUTER
<u>250</u>	
<u>250</u>	
<u>4</u>	
<u>PVC</u>	

WRITTEN APPROVAL FOR SCREENING/
GRAVEL PACKING MORE THAN ONE AQUIFER
MUST BE OBTAINED FROM DNRDC.

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER:
FROM 5 TO 200 FEET

NON-GROUT BACKFILL OF WELL ANNULUS
TYPE Sand/Gravel FROM 200 TO 230 FEET

GRAVEL PACK TYPE Gravel
FROM 230 TO 250 FEET

STATIC WATER LEVEL: DATE 6-27-90
40 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 100 FT. BELOW GRADE
AFTER 5 HOURS AT 40 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER
8 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE _____
RATED CAPACITY (GPM) _____

PUMP INTAKE SETTING _____ FT. BELOW GRADE

*** THE COMPLETED WELL IS?**

- | | | |
|----------------------------------------------------------|--------------------------|--------------------------|
| | YES | NO |
| A. AT LEAST 15' FROM ANY FOUNDATION | <input type="checkbox"/> | <input type="checkbox"/> |
| B. AT LEAST 50' FROM ANY SEPTIC TANK | <input type="checkbox"/> | <input type="checkbox"/> |
| C. AT LEAST 10' FROM TOWN SEWER LINE | <input type="checkbox"/> | <input type="checkbox"/> |
| D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD | <input type="checkbox"/> | <input type="checkbox"/> |

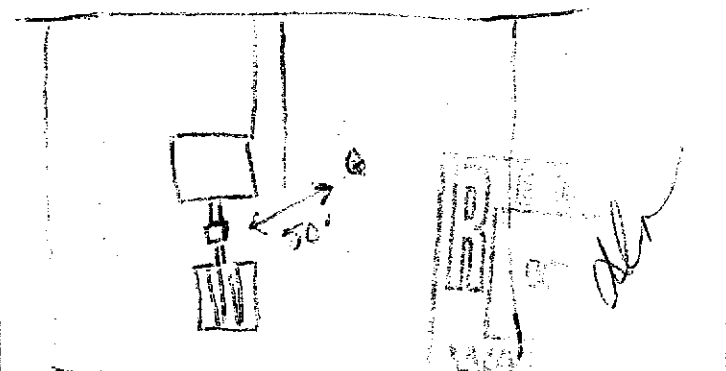
*** THE NEAREST NEIGHBORS (CIRCLE ONE)**

SEPTIC TILE FIELD CESSPOOL OR PRIVY
IS 50' FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

Rd. 300



DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Dark Tan Sand	0	7
Tan Clay / Fine Sand	7	24
Light Tan Sand	24	30
Coarse Tan Sand	30	56
Hard Tan Sand	56	74
Coarse Tan Sand	74	75
Clay/Shell/Sand	75	90
Clay Fine Sand	90	145
Coarse Gray Sand / Shell	145	165
Cemented Shell Sand	165	178
Clay Fine Sand/Shell	178	190
Shell / Sand	190	215
Dark Gray Clay	215	220
Coarse Gray Sand / Shell	220	350

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO
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COMPANY NAME Lifetime Well Drilling
SIGNATURE OF DRILLER IN CHARGE: Mark A. Wood DATE 9-20-90

WATER SU