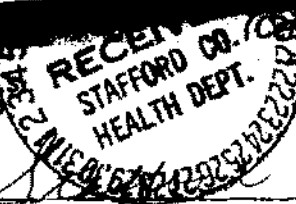


2111 North Hamilton  
Richmond, Va. 23230



17  
B  
Certification of Completion/County Permit  
New Market Associates  
139 West Davis Street  
Culpeper Va. 22701

BWCM No.

County/City

County/City Stamp

SWCB Permit  
County Permit  
Certification of inspecting official:  
This well does  does not   
meet code/low requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

Virginia Plane Coordinates  
N \_\_\_\_\_  
E \_\_\_\_\_  
Latitude & Longitude \_\_\_\_\_  
N \_\_\_\_\_  
W \_\_\_\_\_  
Topo. Map No. 183A  
Elevation \_\_\_\_\_ ft.  
Formation \_\_\_\_\_  
Lithology \_\_\_\_\_  
River Basin \_\_\_\_\_  
Province \_\_\_\_\_  
Type Logs D. L.  
Cuttings N. A.  
Water Analysis \_\_\_\_\_  
Aquifer Test \_\_\_\_\_

Owner Wayne L. Parker  
Well Designation or Number \_\_\_\_\_  
Address 267 Shackelford Well Road  
Startwood, Va. 22405  
Phone 752-4351  
Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
Phone (703) 898-6025

For Office Use:  
Tax Map I.D. No. 189-89-155  
Subdivision 35-103  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB \_\_\_\_\_, IIBA \_\_\_\_\_, IIBB   
IIC \_\_\_\_\_, IID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 3/16 (feet/miles) W. (direction) of intersection of 616 & 745  
and 80 (feet/miles) N (direction) of 745  
(If possible please include map showing location marked)  
Water rose 3 ft. in 30 min. @ time of installation  
24" I.D. casing holds 23.5 gal. of water per foot.  
Date started 11/21/89 Date completed 11/21/89 Type rig Boring Rig

Approximate Drawdown 20 ft.

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
Total depth 56 ft.  
Depth to bedrock \_\_\_\_\_ ft.  
Hole size (Also include reamed zones)  
• 39 inches from 0 to 29 ft.  
• 29 inches from 20 to 56 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Casing size (I.D.) and material  
• 24 inches from +1 to 56 ft.  
Material concrete Concrete Casing  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
Screen size and mesh for each zone (where applicable)  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
Gravel pack  
• From 20 to 56 ft. 11/21/89  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_  
Grout  
• From 0 to 20 ft. Type 1-1-2 11/24/89  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_  
• Static water level (unpumped level-measured) 26  
• Stabilized measured pumping water level 46  
• Stabilized yield 23 gpm after \_\_\_\_\_  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_  
Comment on quality \_\_\_\_\_  
3. WATER ZONES: From 26 To 28  
From 32 To 35 From 40 To 42  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
USE DATA:  
Type of use: Drinking  Livestock Watering \_\_\_\_\_  
Irrigation \_\_\_\_\_ Food processing \_\_\_\_\_ Household   
Manufacturing \_\_\_\_\_ Fire safety \_\_\_\_\_ Cleaning \_\_\_\_\_  
Recreation \_\_\_\_\_ Aesthetic \_\_\_\_\_ Cooling or heating \_\_\_\_\_  
Injection \_\_\_\_\_ Other \_\_\_\_\_  
• Type of facility: Domestic  Public water supply \_\_\_\_\_  
Public institution \_\_\_\_\_ Farm \_\_\_\_\_ Industry \_\_\_\_\_  
Commercial \_\_\_\_\_ Other \_\_\_\_\_  
5. PUMP DATA: Type Sub. Rated H.P. 2 H.P. 106-Pnt  
• Intake depth \_\_\_\_\_ Capacity \_\_\_\_\_ at \_\_\_\_\_ head \_\_\_\_\_  
6. WELLHEAD: Type well seal \_\_\_\_\_  
Pressure tank \_\_\_\_\_ gal. Loc. \_\_\_\_\_  
Sample tap \_\_\_\_\_ Measurement port \_\_\_\_\_  
Well vent \_\_\_\_\_ Pressure relief valve \_\_\_\_\_  
Gate valve \_\_\_\_\_ Check valve (when required) \_\_\_\_\_  
Electrical disconnect switch on power supply \_\_\_\_\_  
7. DISINFECTION: Well disinfected \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_  
Date \_\_\_\_\_ Disinfectant used \_\_\_\_\_  
Amount \_\_\_\_\_ Hours used \_\_\_\_\_  
8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_  
Pump installation through 2" D. spa

OVER

Name of Company/Corporation/Individual: Mills ETC.  
 Address: Box 73

Health Department Identification Number 187-82-155  
 Health Department TM 35-103

State Department of Health

RECEIVED

9. State law requires submitting to the Virginia State Water Control Board information about groundwater wells... intended for water, or any other non-exempt well. This information must be submitted whether the well is... on sandy, or... Information required includes: an accurately and completely prepared water well completion report, (or logs from... aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

| 10. DRILLERS LOG (use additional Sheets if necessary) |    |  | 11.     | 12. DIAGRAM OF WELL CONSTRUCTION (with dimensions) |  |
|---|----|--|---------|--|--|
| DEPTH (feet)  |    | TYPE OF ROCK OR SOIL                       | REMARKS | Drilling Time (Min.)                               |  |
| From  | To | (color, material, fossils, hardness, etc.) |         |  |  |
|   |    |  |         |  |  |

13. Well lot dedicated? \_\_\_\_\_; Size \_\_\_\_\_ ft. X \_\_\_\_\_ ft.; Well house? \_\_\_\_\_  
 Distance to nearest pollutant source \_\_\_\_\_ ft., Type \_\_\_\_\_  
 Distance to nearest property line \_\_\_\_\_ ft., Building \_\_\_\_\_ ft.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ p. s. i. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches, Material \_\_\_\_\_  
 Installer \_\_\_\_\_  
 Date \_\_\_\_\_

- State Water Control Board Regional Offices**
- Valley Reg. Off.  
116 North Main Street  
P. O. Box 268  
Bridgewater, Va. 22812  
703-828-2595
  - Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432
  - Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6616  
Richmond, Va. 23230  
804-257-1006
  - Tidewater Reg. Off.  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 23462  
804-499-8742
  - Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alex Va. 22312  
703-441-1111

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature: [Signature] (Seal), Date 12/2/89  
 (Well driller authorized person) License No. \_\_\_\_\_