

(Certification of Completion/County Permit)

Roger Evans
Evans Construction Co.
P.O. Box 684
Spotsylvania, Va. 22553
(703) 898-5025

SWCB Permit _____
County Permit _____

Certification of inspecting official:
This well does _____ does not _____
meet code/low requirements.
S. _____
Date _____

For Office Use
189-88-577 Karlow L. Karpovich
11/8/89

Tax Map I.D. No. 30-143-3
Subdivision W. Woodlands
Section _____
Block _____
Lot 3
Class Well: I _____ IIA _____
IIB IIIA _____ IIIB _____
IIIC _____ IIID _____ IIIE _____

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates
N _____
E _____
Latitude & Longitude
N _____
W _____

• Topo. Map No. 182-B
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D. L.
• Cuttings N. A.
• Water Analysis _____
• Aquifer Test _____

Permit issued to:
High Maples

• Owner Ted Lumbert
Heritage Enterprises

• Well Designation or Number 2209 Foxview Dr
Address 305 White Oak Road
Fredericksburg, Va. 22405
Phone (703) 372-9495

• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____ direction) of _____
(If possible please include map showing location marked) (off #630)

Date started 8/1/89 • Date completed 8/1/89 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 200 (filled to 145) ft.
• Depth to bedrock N/A (Sand well) ft.

• Hole size (Also include reamed zones)
• 10 inches from 0 to 99 ft.
• 6 1/2 inches from 99 to 200 ft.
• _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material
• 6 1/4 inches from 4 to 99 ft.
Material P.V.C well casing
Wt. per foot _____ or wall thickness _____ in.

• 4 inches from 95 to 195 ft.
Material PVC well casing as liner (includes 4" PVC screen for 175' to 195')
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)
• 4 inches from 175 to 195 ft.
• Mesh size .014 Type P.V.C.
• _____ inches from _____ to _____ ft.
• Mesh size _____ Type _____
• _____ inches from _____ to _____ ft.
• Mesh size _____ Type _____
• _____ inches from _____ to _____ ft.
• Mesh size _____ Type _____

• Gravel pack
• From _____ to _____ ft.
• From _____ to _____ ft.

• Grout
• From 0 to 50 ft. Type Neat Cement
• From _____ to _____ ft. Type _____

Approximate Drawdown 60 feet.

2. WATER DATA • Water temperature _____ of _____
• Static water level (unpumped level measured) 50 ft.
• Stabilized measured pumping water level 110 ft.
• Stabilized yield 30 gpm after _____ hour
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality _____

3. WATER ZONES: From 185 To 195
From _____ To _____ From _____ To _____
From _____ To _____ From _____ To _____

4. USE DATA:
Type of use: Drinking Limestone 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 _____ • Rated H.P. _____
• Intake depth _____ • Capacity _____ at _____ head

6. WELLHEAD: Type well seat _____
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 installed through Ted Lumbert / Heritage Enterprises
Fredericksburg, Va.

Water-tight cap installed
Suggest setting pump at 120ft. Lines well be encountered at approx 95 ft.
torque arresters/centralizers should not be run OVER in 4" liner

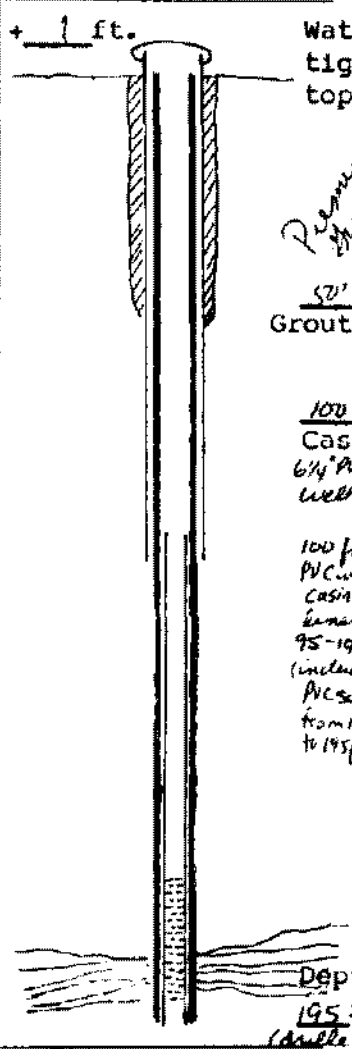
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	red clay	
10	30	yellow sand	
30	70	grey clay	
70	90	red clay	
90	99	sand stone	
99	160	grey clay	
160	180	blue clay	
180	195	grey sand	
195	200	brown clay (filled to 185 ft)	Approximate Water Zones 185 ft to 195 ft

11. Drilling Time (Min.) _____

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



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 _____

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.

- State Water Control Board Regional Offices**
- Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22812
703-628-2595
 - 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 6515
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
Alexandria, Va. 22312
703-750-9111

Signature: [Signature] (Seal), Date: 8/10/89
 License No. _____