

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

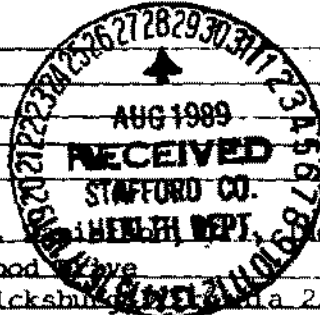
(Certification of Completion/County Permit)

Howe
P.O. Box 1150
STAFFORD VA 22554

SWCB Permit _____
County Permit _____

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

County/City Stamp



For Office Use
189-89-169 5-10-89
Tax Map I.D. No. 39-45A-3
Subdivision Brook Leigh
Section _____
Block _____
Lot 1
Class Well: I _____, IIA _____
IIB _____, IIIA , IIIB _____
IIIC _____, IIID _____, IIIE _____

- 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 _____

• Owner _____
• Well Designation or Number _____
Address _____
Phone _____
• Drilling Contractor John L. ...
Address 4616 Hood Ave
Fredericksburg Va 22401
Phone (703) 898-6025

WELL LOCATION: 2 1/2 (feet/miles) W (direction) of Intersect. 608 & 677
and 500 (feet/miles) (direction) of # 677
(If possible please include map showing location marked)

Date started 8/22/89 • Date completed 8/22/89 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

- Total depth 147 ft.
- Depth to bedrock _____ ft.
- Hole size (Also include reamed zones)
 - 10 inches from 0 to 147 ft. Uncased
 - _____ inches from _____ to _____ ft. Brak
 - _____ inches from _____ to _____ ft. Well
- Casing size (I.D.) and material
 - 6 1/4 inches from 11 to 107 ft. On
 - Material P.V.C.
 - Wt. per foot _____ or wall thickness SDR 27.5 in.
 - 6 1/8 inches from 107 to 147 ft. Rock
 - Material P.V.C.
 - Wt. per foot _____ or wall thickness SDR 21 in.
 - _____ inches from _____ to _____ ft.
 - Material _____
 - Wt. per foot _____ or wall thickness _____ in.
- Screen size and mesh for each zone (where applicable)
 - 6 1/8 inches from 107 to 147 ft.
 - Mesh size 20 Stones 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 20 to 147 ft. Washed Brakel
 - From _____ to _____ ft.
- Grout
 - From 0 to 20 ft. Type Neat Cement 8/23/89
 - From _____ to _____ ft. Type _____

Approximate Drawdown 50 feet.

2. WATER DATA • Water temperature _____

- Static water level (unpumped level-measured) 50
- Stabilized measured pumping water level 100
- Stabilized yield 30 gpm after 1 hour
- Natural Flow: Yes _____ No flow rate _____ g p
- Comment on quality _____

3. WATER ZONES: From 107 To 145

From _____ To _____ From _____ To _____
From _____ To _____ From _____ To _____

4. 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 _____ • Rated H.P. _____
• Intake depth _____ • Capacity _____ at _____ head

6. WELLHEAD: Typt. 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 installed through Howe

Installed Watertight Cap
Suggested setting pump @ approx 120'
OVER

HOWCO

Owner

FOR Sale

Brook Leigh

Stapford * 677 1/2 * 608

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

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, case, shot, etc.)
From	To		
0	20	red clay	
20	30	sand & gravel	
30	90	sandstone	
90	107	grey clay	
107	145	sand & gravel	
145	147	grey clay	

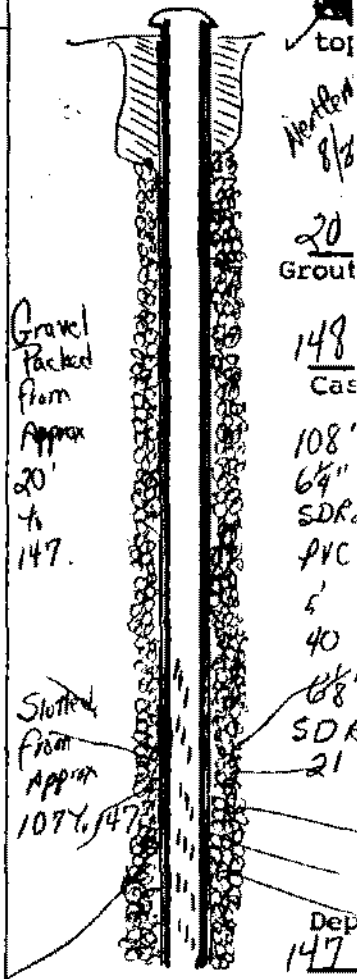
Approximate Water Zones
107 to 145

11.

Drilling Time (Min.)

Net 12 DIAMETER To Scale (with dimensions)

+ 1 Ft.



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.v.c. 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

Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6516
Richmond, Va. 23230
804-257-1006

Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183

Tidewater Reg. Off.
287 Pembroke Office Park
Suite 310 Pembroke No. 2
Va. Beach, Va. 23462
804-499-8742

West Central Reg. Off.
Executive Park
5312 Peters Creek Road
Roanoke, Va. 24019
703-982-7432

Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111

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: Russell A. Daniels Date: 8/24/89
(Well driller or authorized person)

License No. _____

W. cl
REF
DRIVE

PROJECT: Howco Homes