

COMMONWEALTH OF VIRGINIA

WATER WELL COMPLETION REPORT

BWCM No. 40A-2

RECEIVED STAFFORD CO. HEALTH DEPT. 4/23/89

Certification of Completion/County Permit

TATAS Companies
Albert L. Taltach
128 Old Stage Coach Rd.
Dumfries, VA. 22026
1-703-221-8510
County/City Stamp

County/City STAFFORD

SWCB Permit
County Permit
Certification of inspecting official:
This well does meet code/low requirements.
Date
For Office Use

189-89-87 4/29 Michael Newman
Tax Map I.D. No. 40-24-2
Subdivision Windermere
Section
Block
Lot 2
Class Well I IIA
IIB IIA IIB
IIIC IID IIIE

Virginia Plane Coordinates
Latitude & Longitude
Topo. Map No. 182A
Elevation
Formation
Lithology
River Basin
Province
Type Logs D. L.
Cuttings N. A.
Water Analysis
Aquifer Test

Owner TATAS TECHNOLOGY, Inc. - For Sale
Well Designation or Number
Address
Phone
Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

WELL LOCATION: feet/miles direction of Intersection 608 & 608 Windermere Drive
and feet/miles (direction) of
Date started 5/8/89 Date completed 5/10/89 Type rig Air Rotary

WELL DATA: New Reworked Deepened
Total depth 254 ft.
Depth to bedrock
Hole size (Also include reamed zones)
7 7/8 inches from +1 to 254 ft.
Casing size (I.D.) and material
4 1/2 inches from +1 to 254 ft.
Material PVC 3DR 17 Including PVC.
Wt. per foot or wall thickness
Screen size and mesh for each zone (where applicable)
4 1/2 inches from 234 to 254 ft.
Mesh size .016 Type PVC
Gravel pack
From 50 to 254 ft.
Grout
From 0 to 50 ft. Type Neat Cement

Approximate Drawdown 125 feet.
2. WATER DATA * Water temperature
Static water level (unpumped level-measured) 75 ft.
Stabilized measured pumping water level 200 ft.
Stabilized yield 20 gpm after
Natural Flow: Yes No flow rate gpm
Comment on quality
3. WATER ZONES: From 230 to 250
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: Type well seal 4 1/2"
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 Tatas

Installed Watertight Top
Suggest setting pump @ approx 220

Owner

For Sale

Tide waters

#2 Scaffold 708 off 6x3

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

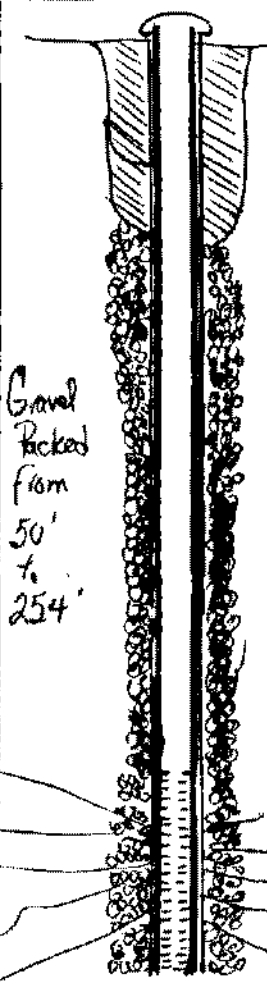
11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, (etc.))
From	To		
0	20	yellow sand & clay	
20	40	grey clay	
40	120	black sand	
120	130	shell bed	
130	220	black sand	
220	240	brown clay	
240	250	grey sand	
250	254	grey clay	

Drilling Time (Min.)

4 1/2
+ 1 ft.



Water tight top
5 1/2" pressure grouting 16 samples
50 ft. Grouting
255 ft. Casing
7 1/2" I.P.V.C. SDR #17
Including 4 1/2" P.V.C. Screen (0.016) from 234 ft to 254 ft
Depth 254 ft.

Approximate Water Zones

240-250

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.

Signature *Ronald T. Danielson* Date *5/11/89*
 (Well driller or authorized person) License No. _____

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
3312 Peters Creek Road
Roanoke, Va. 24019
703-982-7452

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
Alexandria, Va. 22312
703-750-9111