

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Nansemond County School Board Mailing Address: _____

TENANT: Chucatuck Elem. School Mailing Address: _____

DRILLER: R. L. Magette Co. Mailing Address: _____

WELL LOCATION: County Nansemond Approx. _____ feet miles _____ (direction) of _____ and _____ feet miles _____ (direction) of _____

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 6/30/71 DATE COMPLETED: 7/15/71

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH 562 feet

WATER LEVEL: Stands 87 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____

Drawdown 10 feet

Rate 30 gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 11-3/4 inches from 0 to 50 feet

9 1/4 inches from 50 to 562 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 6 inches from 552 to 562 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 552 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School X

Industry _____ Other _____

GROUTING: Method _____

Material Cement Depth 50 feet

PUMP: Type Submersible - Dempster

Capacity 30 gal per min

Depth of intake 147 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes X No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST)

REMARKS: _____

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: C-186
 W-3707

Date rec'd: 11-24-72 Date Processed: 4-1-73

Sample Interval: from 10 to: 497

PROPERTY: Nansemond County School Board
 (Chuckatuck Elem. School)

Number of samples: 50

COMPANY: R. L. Magette

Total Depth: 562'

COUNTY: Nansemond (Chuckatuck)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
10-	308-	-	-	-
20-	318-	-	-	-
31-	328-	-	-	-
41-	338-	-	-	-
51-	348-	-	-	-
61-	358-	-	-	-
71-	368-	-	-	-
81-	378-	-	-	-
91-	388-	-	-	-
101-	399-	-	-	-
110-	407-	-	-	-
120-	417-	-	-	-
130-	427-	-	-	-
140-	437-	-	-	-
150-	447-	-	-	-
160-	457-	-	-	-
170-	467-	-	-	-
180-	477-	-	-	-
190-	487-	-	-	-
200-	497-	-	-	-
209-	-	-	-	-
219-	-	-	-	-
229-	-	-	-	-
239-	-	-	-	-
249-	-	-	-	-
259-	-	-	-	-
269-	-	-	-	-
279-	-	-	-	-
289-	-	-	-	-
299-	-	-	-	-

Unwashed only

OWNER: Chuckatuck Elem. School
DRILLER: Magette
COUNTY: Nansemond

W # 3707
C # 186
TOTAL DEPTH - 562'
QUAD - Chuckatuck
ELEV - 52'

DEPTH
(FEET)

WELL LOG

- | DEPTH (FEET) | WELL LOG |
|--------------|---|
| 0-51 | Sand - light olive gray (5Y 6/1); very sparse to moderate clay; fine to granule, subrounded to rounded, moderately sorted; 40% shell fragments at 30-51' - <u>Arca</u> ; echinoid spines at 41-51'. |
| 61-140 | Sand - light olive gray (5Y 6/1); sparse clay; very fine to coarse, subrounded, moderately sorted; 20-30% phosphate fragments; 5-50% shell fragments - <u>Nuculana</u> , chela; forams - <u>Quinqueloculina</u> , <u>Nonion</u> ; ostracod; echinoid spines. |
| 140-150 | Sand, Glauconitic - light and dark green; 50% glauconite; fine to medium, subrounded, moderately well sorted; 10% shell fragments. |
| 150-249 | Sand - light olive gray (5Y 6/1); sparse clay; very fine to granule, subrounded and subangular; poor to moderately well sorted; 5-20% glauconite and phosphate fragments; 3-20% shell fragments; forams at 150-209' - <u>Robulus</u> , <u>Nonion</u> , <u>Eponides</u> , <u>Textularia</u> , <u>Pyrulina</u> ; echinoid spines, ostracod and mica at 200-249; claw, feldspar, slate fragment and glass at 209-249'. |
| 249-318 | Sand - light olive gray (5Y 6/1); medium to granule, subangular and subrounded, moderate to moderately well sorted; 3-10% phosphate fragments; few to 10% shell fragments; claw at 259-269; forams - <u>Dentalina</u> , <u>Robulus</u> , <u>Textularia</u> , <u>Nodosaria</u> , <u>Pyrulina</u> , <u>Siphogenerina</u> . |
| 318-427 | Sand, Glauconitic - light and dark green; 60-90% glauconite; very sparse to moderate clay; fine to granule, subangular, moderately sorted; few to 15% shell fragments at 407-427'; chela; bone fragments at 368-427; forams - <u>Nodosaria</u> at 378-388'. |
| 427-487 | Sand - light olive gray (5Y 6/1); fine to granule, subangular, poorly to moderately well sorted; few to 20% glauconite; feldspar; mica; garnet - 457-487'. |

DEPTH
(FEET)

WELL LOG

487-507	Sand	-	pale yellowish brown (10YR 6/2); sparse to moderate clay; fine to granule, subangular, poor sorting; 5-25% glauconite; mica.
507-562	No samples.		

Logged by:
J. K. Polzin
Feb., 1981