

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3598
C-73

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: Planned Neighborhoods Mailing Address: _____

TENANT: Schoolhouse Meadows Sub. Mailing Address: Farnham

DRILLER: Douglas Drilling Co., Inc. Mailing Address: Box 498, Warsaw, VA 22572

WELL LOCATION: County Richmond Approx. 500 ~~feet~~ ^{feet} ~~miles~~ ^{miles} east (direction) of
route 607 and 0.5 ~~miles~~ ^{miles} north (direction) of Int. of 3 & 607

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

DATE STARTED: _____ DATE COMPLETED: July 18, 1972

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 358 feet

WATER LEVEL: Stands 86 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown 130 feet

Rate 40 gal. per min.

Duration _____ hrs., _____ min.

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 _____

Industry _____ Other subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No XX

DRILL CUTTINGS SAVED: (34)
Yes XX 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: _____

HOLE SIZE: 6 inches from 0 to 254 feet

3-7/8 inches from 254 to 358 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 2 inches from 334 to 354 feet
NO. 0

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from 0 to 254 feet

2 inches from 254 to 334 feet

2 inches from 354 to 358 feet

GROUTING: Method tremmie pipe

Material neat cement Depth 254 feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: C-73
 W- 3598

Date rec'd: 7-25-72 Date Processed: 10-12-72

Sample Interval: from 0 to: 358

PROPERTY: Planned Neighborhood (Schoolhouse
 Meadows)

Number of samples: 34

COMPANY: Douglas and Dickenson

Total Depth: 358'

COUNTY: Richmond (Farnham)

Oil or Gas: Water:XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	315-325	-	-	-
10-21	325-336	-	-	-
21-31	336-346	-	-	-
31-42	346-358	-	-	-
42-52	-	-	-	-
52-63	-	-	-	-
63-73	-	-	-	-
73-84	-	-	-	-
84-94	-	-	-	-
94-105	-	-	-	-
105-115	-	-	-	-
115-126	-	-	-	-
126-136	-	-	-	-
136-147	-	-	-	-
147-157	-	-	-	-
157-168	-	-	-	-
168-178	-	-	-	-
178-189	-	-	-	-
189-199	-	-	-	-
199-210	-	-	-	-
210-220	-	-	-	-
220-231	-	-	-	-
231-241	-	-	-	-
241-252	-	-	-	-
252-262	-	-	-	-
262-273	-	-	-	-
273-283	-	-	-	-
283-294	-	-	-	-
294-304	-	-	-	-
304-315	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Planned Neighborhood
Driller: Douglas & Dickenson
County: Richmond (Farnham)

W# 3598
C# 73
Total Depth: 358'
Quad:
Elev:

Depth
(feet) WELL LOG

0-10 Sand - dark yellowish orange (10YR 6/6); abundant clay in pellets; fine to coarse, subangular; some very coarse; moderate sorting; quartz.

10-21 Sand - grayish orange (10YR 7/4); as above, except: some granules; well sorted; some black phosphatic grains.

21-31 Gravel, Sandy - as above, except: 10% pebbles > 15mm; large clast of white clay; iron staining.

31-42 Sand, Clayey - yellowish gray (5Y 7/2); clay clasts with flat layers showing; some iron staining; fine to granule sand as above.

42-52 Gravel, Sandy - as at 21-31 with few clay clasts from above; +50% pebbles.

52-63 Sand - as above, except: 5% pebbles; few shell fragments.

63-73 Sand - moderate yellowish brown (10YR 5/4); as above; 2% fine black phosphatic grains; garnet.

73-84 Sand - pale yellowish brown (10YR 6/2); moderate clay in sand clasts and grains; fine to coarse; some very coarse; sub-rounded; moderate sorting; quartz; wood fragments; 1% mica; shell fragments.

84-94 Sand - as above, except: abundant clay; fine to very coarse; pelecypod - Mulina Congesta; Nucula proxima; 10% muscovite and biotite.

94-105 Sand - as above, except: iron oxide; plant debris.

105-115 Sand - as above, except: abundant clay; sand to granule size.

115-126 Sand - as above.

126-136 Sand, Clayey - as above, except: pale yellowish brown (10YR 6/2); clay clasts; sand; medium; well sorted; some coarse and very coarse; bone chips.

136-147 Sand, Clayey - light olive gray (5Y 6/1); as above, except: clay and sand same color; medium to very coarse; moderate sorting.

Depth
(feet)

- 147-157 Sand, Clayey - as above, except: 5% shell fragments, Turritella.
- 157-168 Clayey Sand - as above, except: 10% shell fragments - Chlamys; Turritella Pilsbryi.
- 168-178 Sand - as above, except: sparse clay; fine, well sorted; some coarse; quartz sand; 1% shell fragments.
- 178-189 Sand - as above, except: moderate clay in minute pellets.
- 189-199 Sand - as above, except: 10% shell fragments; forams - Nonion; Bolivina; diatoms; 20%.
- 199-210 Sand - as above, except: 1% shell fragments; forams - Uvigerina; diatoms - 10%; garnet.
- 210-220 Clay - as above, except: abundant, fine grained clay; sparse sand; medium to coarse; poor sorting; forams - Robulus; Nonion; diatoms.
- 220-231 Sand - as above, except: moderate fine, pellet and some clasts (clay); fine to very coarse; subangular to subrounded; poor sorting; 1% shell fragments; forams - Nonion; Siphogenerina; Dentalina; Uvigerina; diatoms; wood fragments; mica; fish bone.
- 231-241 Clay - as at 210-220; diatoms.
- 241-252 Clay - as above; Dentalina; rare glauconite.
- 252-262 Clay - yellowish gray (5Y 8/1); large pellets of clay; sparse sand - as above; mica.
- 262-273 Clay - as above; pale yellowish brown (10YR 6/2); forams - Robulus; Nonion; Dentalina; echinoderm spines; diatoms.
- 273-283 Clay - light olive gray (5Y 5/2); fine grained, pellet clay; very sparse sand; forams; diatoms 5%.
- 283-294 Clay - as above; fewer diatoms.
- 294-304 Shell Hash - "salt and pepper;" 50% large shell fragments; sparse clay; medium to coarse sand; forams - Globigerina; Bolivina; Dentalina; Uvigerina; Cibicides; ostracods.

Owner: Planned Neighborhood

-3-

W# 3598

Depth
(feet)

304-315 Shell Hash - as above, except: medium to granule sand.

315-325 Shell Hash - yellow gray (5Y 8/1); calcium carbonate coated hash, and clasts with sand and glauconite embedded in them; coral; sparse sand as above.

325-336 Shell Hash - as above; coral with pyrite and glauconite embedded.

336-346 Shell Hash - as above.

346-358 Shell Hash - as above; bryozoa.

Logged by: J. K. Polzin
July 7, 1980