

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W# 5388
C# 215

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: D & S Builders, Inc. Mailing Address: 4925 Empire Parkway
Chester, Virginia 23831

TENANT: _____ Mailing Address: _____

DRILLER: J. J. Mitchell, Jr. Mailing Address: 16815 Happy Hill Rd.
Colonial Heights, Va. 23834

WELL LOCATION: County Prince George 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: May 1978 DATE COMPLETED: May 1978

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 147' feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pumped

Drawdown _____ feet

Rate 18 gal. per min.

Duration 8 hrs., _____ min.

HOLE SIZE: 8 inches from 0 to 15 feet

4 inches from 15 to 147 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from +1 to 145' 2" feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other _____

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes _____ No X

(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: _____

FURNISHED BY: _____ DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	tan earth	SAMPLE # 1
10	20	orangeish earth-some gravel	2
20	30	orange earth	3
30	120	gray mud-shell fragments	4, 5, 6, 7, 8, 9, 10, 11, 12
120	147	sand & gravel	13, 14, 15

Owner: D & S Builders, Inc.
Driller: Mitchell's W & P Co.
County: Prince George

W# 5308
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Total Depth: 147'
Quad: Hopewell
Elev: 87'

Depth
(feet)

WELL LOG

0-10 Sand - Gray orange (10yr 7/4); abundant clay; fine to granule, subangular, poorly sorted; quartz.

10-20 Sand - Dark yellow orange (10yr 6/5); medium to coarse, moderately well sorted; abundant clay.

20-30 Sand - Dark yellow brown (10yr 6/6); moderate clay; sand as above; iron.

30-40 Sand - Medium olive gray (5y 5/1); moderate clay; medium to coarse, subangular, some very coarse, moderate sorting; quartz; 5% (+) glauconite; echinoderm spines.

40-50 Sand, Clayey - Light olive gray (5y 6/1); As Above, except: 7% shell fragments; 1% Echinoderm spines; Ostracods (several species); sparse Forams; coral.

50-60 Sand, Clayey - Greenish gray (5gy 6/1); As Above, except: coarse to very coarse; no glauconite; some Echinoderm spines; Ostracods; some black phosphatic fragments.

60-70 Clay, Sandy - Greenish gray (5gy 6/1); sand, fine to granule, subangular, poorly sorted; quartz; 5% shell fragments; black phosphatic fragments.

70-80 Clay - Olive gray (5y 4/1); abundant sand-medium to very coarse, subangular, poorly sorted; quartz; 15% glauconite; 1% shell fragments; Forams-Robulus; Nonionella; Echinoderm spines and plates.

80-90 Clay, Sandy - Olive gray (5y 4/1); As Above, except: medium to coarse; moderate sorting; 30% glauconite.

90-100 Clay, Sandy - Olive gray (5y 4/1); As Above, except: 50% glauconite; some shell fragments; mica; garnet.

100-110 Clay - As Above, except: 10% shell fragments; no garnet.

110-120 Clay - As Above, except: medium grained; well sorted; 25% shell fragments; ostracod.

120-130 Gravel - Yellowish gray (5y 8/1); Salt and Pepper; medium to pebble; pebbles up to 20mm; no glauconite; shells; ostracod; feldspar.

Owner: D & S Builders, Inc.
Page 2

W# 5308
C# 215

Depth
(feet)

130-140 Gravel - As Above.

140-147 Sand - Yellowish gray (5y 8/1); sparse clay in clasts; medium to very coarse; some granules & pebbles; moderate sorting; quartz; 5% fine glauconite; few shell fragments; feldspar; garnet.

Logged by: J. K. Polzin
April 21, 1980