

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: VEPCO Mailing Address: Warsaw, Virginia

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: Douglas & Dickinson, Inc. Mailing Address: Box 498, Warsaw, Virginia

WELL LOCATION: County Richmond Approx. 3.2 ~~feet~~ <sup>miles</sup> East (direction) of  
Warsaw and 2 1/2 ~~miles~~ <sup>miles</sup> West (direction) of Haynesville

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

DATE STARTED: February 17, 1971 DATE COMPLETED: February 19, 1971

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 339 feet

WATER LEVEL: Stands 105 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Airlift  
Drawdown 22 feet  
Rate 35 gal. per min.  
Duration 24 hrs., \_\_\_\_\_ min.

HOLE SIZE: 6 inches from 0 to 231 feet  
3-7/8 inches from 231 to 339 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 313 to 337 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 2 inches from 317 to 337 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color O.K. Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

CASE SIZE: 4 inches from 0 to 231 feet  
2 inches from 231 to 317 feet  
2 inches from 337 to 339 feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry XX Other \_\_\_\_\_

GROUTING: Method None  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No XX

PUMP: Type submersible  
Capacity 22 gal per min  
Depth of intake 147 feet

DRILL CUTTINGS SAVED: (12) 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: \_\_\_\_\_

# LOG

Completed  
February 19, 1971

FURNISHED BY: Douglas & Dickinson, Inc.

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	19	yellow clay	
19	40	" " "	
40	50	" " & gravel	
50	220	No Sample	
220	230	grey clay	
230	241	No Sample	
241	251	grey clay	
251	272	No Sample	
262	272	grey clay & shell	
272	282	" " " "	
282	293	sand & shell	
293	304	" " " "	
304	310	" " " "	
310	315	" " " "	
315	336	sand	

(Use additional forms if necessary)



Owner: VEPCO  
Driller: Douglas & Dickinson  
County: Richmond (Haynesville)

W# 3228  
C# 67  
Total Depth: 339  
Quad:  
Elev:

Depth  
(feet)

WELL LOG

0-19 Clay - dark yellowish orange (10YR 6/6); abundant clasts of yellow-white fine clay; sparse sand; medium to very coarse, subangular; poorly sorted; quartz.

19-40 Clay-Sand - very pale orange (10YR 8/2); abundant clay; abundant sand - as above.

40-50 Clay-Sand - as above, except: dark yellowish orange.

50-220 No Samples.

220-230 Clay - light olive gray (5Y 6/1); occasional sand grain.

230-241 No Samples.

241-251 Clay - as above.

251-262 No Samples.

262-272 Clay-Sand-Shell-Hash - light olive gray (5Y 6/1); all of above coated with calcium carbonate from ground shells; 50%+ shell fragments; sand - as above.

272-282 Shell Hash - as above, except: 7-10% glauconite; smaller shell fragments; coral; forams; ostracods; echinoderm spines; pyrite - 1%; shark tooth.

282-293 Sand - medium olive gray (5Y 5/1); sparse clay in clasts; fine to coarse; subangular, with some rounded and some angular; clear and yellow; poorly sorted; quartz; 40% mixed brown and green glauconite; 1% shell fragments; coral, bryozoa; 1%+ pyrite and in clasts with glauconite.

293-304 Shell Hash - salt and pepper; shell fragments with layers on them containing glauconite, sand grains; pyrite and clay; garnet; ostracod.

304-310 Sand - as above, except: sand; 30%+ glauconite; 15% shell fragments - Gryphaea; forams - Nonion; Eponides; Globigerina; Robulus; Globulina; ostracods; echinoderm spines; coral; bryozoa.

Owner: VEPCO

-2-

W# 3228

Depth  
(feet)

310-315	Sandy Shell Hash - light olive gray (5Y 6/1); as above, except: calcium carbonate coating on all - 10%+ glauconite; abundant shell fragments; forams; abundant ostracods; chela.
315-336	Sand - "salt and pepper" - medium to very coarse; subrounded, highly polished; with some angular; moderately sorted; quartz; 25% glauconite; sparse forams; ostracods.
336-339	No Sample.

Logged by: J. K. Polzin  
July 3, 1980