

483

INTERVAL SHEET

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VDMR WELL NO. 406

Sample Interval: from 0 to 395

PROP: Woodbrook Subdivision

Total Depth 395

COMP: Sydnor Pump & Well Co.

Oil      Gas      Water X Exploratory     

COUNTY: Albemarle 3 mi. N of Ch'ville

Cuttings X Core      Other     

From-To	From-To	From-To	From-To	From-To
0 - 10	290 - <u>300</u>	-	-	-
10 - 20	300 - 310	-	-	-
20 - 30	310 - 320	-	-	-
30 - 40	320 - 330	-	-	-
40 - 50	330 - 340	-	-	-
50 - 60	340 - 350	-	-	-
60 - 70	350 - 360	-	-	-
70 - 80	360 - 370	-	-	-
80 - 90	370 - 380	-	-	-
<u>90 - 100</u>	380 - 395	-	-	-
100 - 110	-	-	-	-
109 -	-	-	-	-
110 - 120	-	-	-	-
120 - 130	-	-	-	-
130 - 140	-	-	-	-
140 - 150	-	-	-	-
150 - 160	-	-	-	-
160 - 170	-	-	-	-
170 - 180	-	-	-	-
180 - 190	-	-	-	-
190 - <u>200</u>	-	-	-	-
200 - 210	-	-	-	-
210 - 220	-	-	-	-
220 - 230	-	-	-	-
230 - 240	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-

*Complete set of sampled intervals wanted -*



483

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT VOMR-406

OWNER: Hupp Realty Corporation Mailing Address: Box 657, Waynesboro, Virginia

TENANT: Woodbrook Subdivision, Charlottesville, Virginia Mailing Address: Charlottesville, Virginia

DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: 1305 Brook Road, Richmond, Va.

WELL LOCATION: County Albemarle and Southwest Approx. 1 1/2 miles East of U. S. 29 1 1/2 miles

North (direction) of Charlottesville City Limits

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. on county highway or other map)

**WATER CONDITIONS**

**DEPTH**

STATIC WATER LEVEL 51 ft.

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
<u>116</u> ft.	<u>252</u> ft.	<u>138</u> ft.	<u>382</u> ft.

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 35 Gal. per Min. with

254 feet DRAWDOWN after 24 HOURS PUMPING.

FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)

REMARKS: \_\_\_\_\_

**QUALITY OF WATER**

COLOR \_\_\_\_\_ TASTE \_\_\_\_\_

ODOR \_\_\_\_\_ OTHER \_\_\_\_\_

ANALYSIS AVAILABLE— Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_

WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

**CONSTRUCTION**

RIG TYPE (or method) air-rotary  
(rotary, cable, bored, driven, etc.)

DATE: Started 7/13/59; Completed 7/22/59

TOTAL DEPTH 395 ft.

BEDROCK at 109 ft.

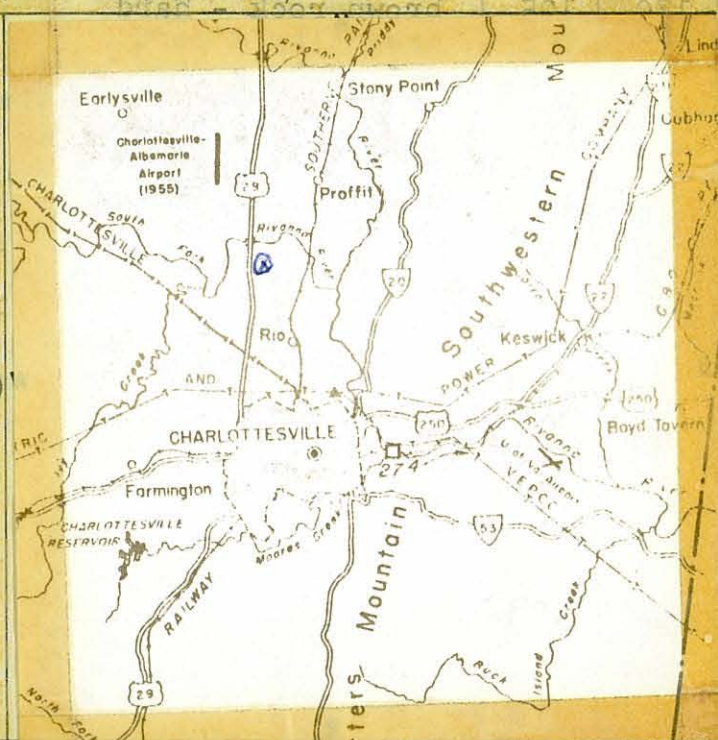
**GROUTING INFORMATION**

METHOD USED cement slurry

GROUTING MATERIAL Portland Cement

DEPTH OF GROUTING 50-113 ft.

REMARKS: \_\_\_\_\_



**HOLE SIZE**

**CASING SIZE**

(diam)	(nom)	(to)	(diam)	(from)	(to)
<u>10</u> in	<u>6</u> in	<u>113</u> ft	<u>8</u> in	<u>0</u> ft	<u>113</u> ft

	<u>113</u>	<u>395</u>			

SCREEN (or perforations)  
(diam.) (from) (to) (opening size)  
\_\_\_\_\_ in \_\_\_\_\_ ft \_\_\_\_\_ ft \_\_\_\_\_ ft

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_

H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.

Log of well (over)



DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED	REMARKS
FROM	TO	(gravel, clay, etc., hardness, color, etc)	(water, casing, shot, screen, sample, etc)
0	4	red clay	
4	50	brown clay	
50	109	brown clay with streaks of brown rock - soft	
109	170	grey rock - hard	
170	195	brown rock - hard	
195	207	grey clay - soft	
207	382 1/2	grey rock - very hard	
382 1/2	387	light grey rock - medium hard	
387	395	dark grey - very hard	

<b>CONSTRUCTION</b>	RIG TYPE (or method) _____ DATE: Started <u>2/3/60</u> ; Completed <u>2/3/60</u> TOTAL DEPTH <u>395</u> ft. BEDROCK at <u>109</u> ft.
<b>GROUTING INFORMATION</b>	METHOD USED <u>cement slurry</u> GROUTING MATERIAL <u>Portland Cement</u> DEPTH OF GROUTING <u>20-113</u> ft.
<b>PUMP</b> (installed)	TYPE _____ Cap. (gpm) _____ H.P. _____ Depth of intake _____ ft.
<b>SCREEN</b> (or perforations)	(diam) _____ (from) _____ (to) _____ (opening size) _____
<b>HOLE SIZE</b>	(in) _____ (ft) _____
<b>CASING SIZE</b>	(in) _____ (ft) _____

<b>USE OF WATER:</b> Domestic <input type="checkbox"/> Town <input type="checkbox"/> Industrial <input type="checkbox"/> Form <input type="checkbox"/> Public <input type="checkbox"/>	TEMPERATURE _____ (ft) _____ ANALYSIS: AVAILABLE - Yes <input type="checkbox"/> No <input type="checkbox"/> ATTACHED Yes <input type="checkbox"/> No <input type="checkbox"/> ODOR _____ COLOR _____ TASTE _____ OTHER _____
REMARKS: _____ FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) W 2 1/2 test DRAWDOWN after 24 HOURS PUMPING WELL PUMPED (or bailed) at _____ gal per min with QUANTITY OF WATER _____ WATER ZONES (pressures or formations supplying water) _____ STATIC WATER LEVEL _____ ft. _____ DEPTH _____ ft.	

VIRGINIA DIVISION OF

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MINERAL RESOURCES



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR 483  
VDMR 406

WATER WELL COMPLETION REPORT

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~~PROPERTY~~ Woodbrook Subdivision, Charlottesville Mailing Address: Va.  
DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: 1305 Brook Road, Richmond, Va.  
WELL LOCATION: County Albemarle Approx. 4 <sup>mi</sup> miles  
north (direction) of Charlottesville City Limits and 1/2 <sup>mi</sup> miles East of U. S. 29  
(Give direction and distance in feet or tenths of mile from two reference points—roads, towns, rivers, etc.—on county highway or other map.)

**WATER CONDITIONS**

**DEPTH**

STATIC WATER LEVEL 51 ft.

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
<u>116</u> ft.		<u>252</u> ft.	
<u>138</u> ft.		<u>382</u> ft.	

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 35 Gal. per Min. with 254 feet **DRAWDOWN** after 24 HOURS PUMPING.

FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**

REMARKS: \_\_\_\_\_

**QUALITY OF WATER**

COLOR \_\_\_\_\_ TASTE \_\_\_\_\_

ODOR \_\_\_\_\_ OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_

\_\_\_\_\_ WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

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BEDROCK at 109 ft.

**GROUTING INFORMATION**

METHOD USED cement slurry

GROUTING MATERIAL Portland Cement

DEPTH OF GROUTING 50-113 ft.

REMARKS: \_\_\_\_\_

**HOLE SIZE**

(diam.)	(from)	(to)
<u>10</u> in.	<u>0</u> ft.	<u>113</u> ft.
<u>6</u> in.	<u>113</u> ft.	<u>395</u> ft.

**CASING SIZE**

(diam.)	(from)	(to)
<u>6</u> in.	<u>0</u> ft.	<u>113</u> ft.

**SCREEN (or perforations)**

(diam.)	(from)	(to)	(opening size)
_____ in.	_____ ft.	_____ ft.	_____

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_

H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.



# LOG

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: February 5, 1960

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	4	red clay	
4	50	brown clay	
50	109	brown clay with streaks of brown rock - soft	
109	170	grey rock - hard	
170	195	brown rock - hard	
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