



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
DIVISION OF MINERAL RESOURCES  
Box 3667, University Station, Charlottesville, Virginia

WVCR 1  
VDMR 552

## WATER WELL COMPLETION REPORT

OWNER: Boyd E. Cupp Mailing Address: Rt. 4, Staunton  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond 12, Va.  
 WELL LOCATION: County Augusta Approx. \_\_\_\_\_ ft. miles  
 (direction) of Quicks Mills and \_\_\_\_\_ ft. miles of \_\_\_\_\_  
(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 80'

STATIC WATER LEVEL \_\_\_\_\_

WATER ZONES (fissures or formations supplying water)  
 (from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
 ft. \_\_\_\_\_, ft. \_\_\_\_\_  
 ft. \_\_\_\_\_, ft. \_\_\_\_\_

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 9 Gal. per Min. with  
95 feet DRAWDOWN after 2½ HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**  
 REMARKS: \_\_\_\_\_

**QUALITY OF WATER**

COLOR yellow muddy TASTE O.K.  
 ODOR none OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No

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

USE OF WATER: Domestic  Town  Industry  Farm  Public  **S**

**N**

Grade A. Dairy Farm about 2 miles N.W.  
from Verona at Quicks Mill

**E**

Water will clear with pumping

**S**

**CONSTRUCTION**

RIG TYPE (or method) Air Rotary  
(rotary, cable, bored, driven, etc.)

DATE: Started 7-13-61; Completed 7-13-61

TOTAL DEPTH 100'-9" ft.

BEDROCK at 4' ft.

**GROUTING INFORMATION**

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 50+

HOLE SIZE			CASING SIZE		
(diam.)	(from)	(to)	(diam.)	(from)	(to)
<u>8 3/4</u>	<u>0</u>	<u>53'</u>	<u>5</u>	<u>0</u>	<u>54'.6"</u>
<u>5</u>	<u>53</u>	<u>100-9</u>			

**SCREEN (or perforations)**

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

**PUMP (installed)**

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

H.P. \_\_\_\_\_ Depth of intake 95-97' (suggested) ft.

REMARKS: Log and samples for Div. of Min. Resources

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

LOG

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: 7-12-61

Rig 65

Data from driller John Mitchell's Log by Jesse Snyder, Jr.

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	Yellow clay	
4	6	gray limestone	
6	8	yellow clay	
8	56	gray limestone	
66	68	pink limestone	
68 =	92	gray limestone	Trace of moisture @ 78'
92	98	open cave - water - orange yellow mud	o
98	100-9'	gray limestone	
		92'-98' 9 GPM - offer 2½ hrs. with air lift	

Keep

D-1

W-5529

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DRILLER: Sydnor Pump & Well Co Inc Mailing Address: Richmond 12, Virginia  
WELL LOCATION: County Augusta Approx. \_\_\_\_\_ ft. miles  
(direction) of QUICKS MILLS and \_\_\_\_\_ ft. miles of \_\_\_\_\_

(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 80'  
WATER ZONES (fissures or formations supplying water)  
(from) (to) (from) (to)  
ft. \_\_\_\_\_ ft. \_\_\_\_\_  
ft. \_\_\_\_\_ ft. \_\_\_\_\_

QUANTITY OF WATER  
WELL PUMPED (or bailed) at 9 Gal. per Min. with  
95 feet DRAWDOWN after 2 1/2 HOURS PUMPING.  
FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)  
REMARKS: \_\_\_\_\_

QUALITY OF WATER  
COLOR yellow muddy TASTE OK  
ODOR None 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

<sup>N</sup>  
- Grade A. Dairy Farm about  
2 miles N.W. from Verona  
at Quicks Mill  
80 80  
59 80  
88 88  
100 88  
E  
Water will clear with pumping  
Grade A. Dairy

CONSTRUCTION

RIG TYPE (or method) Air Rotary  
(rotary, cable, bored, driven, etc...)  
DATE: Started 7-13-61; Completed 7-13-61  
TOTAL DEPTH 100'-9" ft.  
BEDROCK at 4' ft.

HOLE SIZE (diam) (from) (to) (diam) (from) (to)  
8 3/4 in. 0 ft. 53' ft. 5 in. 0 ft. 54'-6" ft.  
5 in. 53 ft. 100'-9" ft.  
SCREEN (or perforations) (diam) (from) (to) (opening size)  
\_\_\_\_\_ in. \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_

GROUTING INFORMATION

METHOD USED Gravity  
GROUTING MATERIAL Cement & Water  
DEPTH OF GROUTING 50' plus

PUMP (installed)  
TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_  
H.P. \_\_\_\_\_ Depth of intake 95-97' (suggested) ft.

REMARKS: Log and Samples for Div. of Min. Resources

LOG

FURNISHED BY Sydnor Pump & Well Co., Inc. DATE: 7-12-61

Rig 65

Data from Driller John Mitchell's Log By Jane Shupe

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	yellow clay	
4	6	gray Limestone	
6	8	yellow clay	
8	66	gray Limestone	
66	68	pink Limestone	
68	92	gray Limestone	Trace of moisture @ 78'
92	98	open cave - water - orange yellow mud -	
98	100' - 9"	gray limestone	

~~78' Trace moisture~~

92' - 98' - 9 G.P.M. - after 2 1/2 hrs with air lift

Suggest pump setting No Deeper Than  
97' - 95' to 97'