

INTERVAL SHEET

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VDMR WELL NO. 465

Date October 31, 1960

Sample Interval: from 0 to 480

PROP: Augusta County School Well #3

Total Depth \_\_\_\_\_

COMP: Sydnor

Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water X Exploratory \_\_\_\_\_

COUNTY: Augusta

Cuttings X Core \_\_\_\_\_ Other \_\_\_\_\_

From-To	From-To	From-To	From-To	From-To
0- 10	300- 310	-	-	-
10- 20	310- 320	-	-	-
20- 30	320- 330	-	-	-
30- 40	330- 340	-	-	-
40- 50	340- 350	-	-	-
50- 60	350- 360	-	-	-
60- 70	360- 370	-	-	-
70- 80	370- 380	-	-	-
80- 90	380- 390	-	-	-
90- <u>100</u>	390- <u>400</u>	-	-	-
100- 110	400- 410	-	-	-
110- 120	410- 420	-	-	-
120- 130	420- 430	-	-	-
130- 140	430- 440	-	-	-
140- 150	440- 450	-	-	-
150- 160	450- 460	-	-	-
160- 170	Missing	-	-	-
170- 180	470- 480	-	-	-
180- 190	-	-	-	-
190- <u>200</u>	-	-	-	-
200- 210	-	-	-	-
210- 220	-	-	-	-
220- 230	-	-	-	-
230- 240	-	-	-	-
240- 250	-	-	-	-
250- 260	-	-	-	-
260- 270	-	-	-	-
270- 280	-	-	-	-
280- 290	-	-	-	-
290- <u>300</u>	-	-	-	-

*Complete set of washed samples*

*Super* ✓  
*feen*

193

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

Box 3667, University Station, Charlottesville, Virginia

Well No 3

WATER WELL COMPLETION REPORT

JDMR#465

OWNER: Augusta County School Board Mailing Address: Staunton, Virginia

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

DRILLER: (Rig 65) Sydnor Pump & Well Co Inc Mailing Address: Richmond Virginia

WELL LOCATION: County Augusta Approx. \_\_\_\_\_ ft. miles \_\_\_\_\_

(direction) of STAUNTON 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 \_\_\_\_\_

WATER ZONES (fissures or formations supplying water)

(from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_

\_\_\_\_\_ ft. \_\_\_\_\_, \_\_\_\_\_ ft. \_\_\_\_\_

\_\_\_\_\_ ft. \_\_\_\_\_, \_\_\_\_\_ ft. \_\_\_\_\_

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 1/2 Gal. per Min. with 480 feet DRAWDOWN after 2 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

N  
Near Cedar Green School  
about 1/2 mile South East of  
Staunton City limits on Road  
693  
central school site  
E

**CONSTRUCTION**

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

DATE Started 9-9-60; Completed 9-12-60

TOTAL DEPTH 480' ft.

BEDROCK at 23' ft.

**GROUTING INFORMATION**

METHOD USED Gravity

GROUTING MATERIAL Cement + Water

DEPTH OF GROUTING \_\_\_\_\_

**HOLE SIZE**

**CASING SIZE**

(diam)	(from)	(to)	(diam)	(from)	(to)
9	0	77	5	0	78
5	77	480			

SCREEN (or perforations)  
(diam.) (from) (to) (opening size)

\_\_\_\_\_ in \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_

**PUMP (installed)**

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

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

REMARKS: Samples from Drilling and Log furnished Dr Calvers  
Office Charlottesville, Virginia

pulled casing from well No. 3 Augusta County School Board and  
moved approximately 175' South ~~part~~ of well site No 3 to  
well site No 4 West

FURNISHED BY Sydnor pump and well Co. Inc. DATE: 9-18-60

By Jesse Dupree

ACSB No. 3

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	23	Red clay	
23	35 1/2	Gray limestone	
35 1/2	36	crack	
36	36 1/2	limestone	
36 1/2	73	soft clay	
73	283	Gray limestone	Trace moisture at 270
283	387	Gray limestone	
387	480	med. Hard Gray limestone	

  

CASING SIZE		HOLE SIZE		CONSTRUCTION
(to)	(from)	(to)	(from)	
18	0	77	77	

  

ROUTING INFORMATION	
BEDROCK OF	53'
TOTAL DEPTH	480'
DATE STARTED	9-9-60
DATE COMPLETED	9-18-60
RIG TYPE (or method)	Dr. Rotary

  

GROUTING INFORMATION	
DEPTH OF GROUTING	
GROUTING MATERIAL	
METHOD USED	

  

PUMP (installed)	
TYPE	
Cap. (gpm)	
Depth of intake	

  

SCREEN (or perforations)	
(to)	(from)
77	77
480	480

VIRGINIA DIVISION OF  
**RECEIVED**  
 OCT 25 1960  
**RECEIVED**  
 MINERAL RESOURCES

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR 193  
VDMR 465

WATER WELL COMPLETION REPORT

OWNER: Augusta County School Board Mailing Address: Staunton, Virginia  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: (Rig 65) Sydnor Pump & Well Co., Inc. Mailing Address: Richmond, Virginia  
 WELL LOCATION: County Augusta Approx. \_\_\_\_\_ ft. \_\_\_\_\_ miles  
 \_\_\_\_\_ (direction) of Staunton 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 \_\_\_\_\_

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
_____ ft.	_____ ft.	_____ ft.	_____ ft.
_____ ft.	_____ ft.	_____ ft.	_____ ft.

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 1/2 Gal. per Min. with  
480 feet DRAWDOWN after 2 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 9-9-60; Completed 9-12-60

TOTAL DEPTH 480' ft.

BEDROCK at 23' ft.

**GROUTING INFORMATION**

METHOD USED \_\_\_\_\_

GROUTING MATERIAL \_\_\_\_\_

DEPTH OF GROUTING \_\_\_\_\_

REMARKS: Samples from drilling and log furnished Dr. Calver's office, Ch'ville, Va.  
Pulled casing from well no. 3 Augusta County School Board and moved approximately 175'  
south<sup>west</sup> of well site No. 3 to well site no. 4

N  
Near Cedar Green School about 1/2 mile south east of Staunton city limits on Road 693  
Central School Site  
W  
E  
S

**HOLE SIZE**

(diam)	(from)	(to)
<u>9</u> in	<u>0</u> ft	<u>77</u> ft
<u>5</u>	<u>77</u>	<u>480</u>

**CASING SIZE**

(diam)	(from)	(to)
<u>5</u> in	<u>0</u> ft	<u>78</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 and Well Co., Inc.

DATE: 9-18-60

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	23	Red clay	
23	35½	Gray limestone	
35½	36	Crack	
36	36½	Limestone	
36½	73	Soft clay	
73	283	Gray limestone (Trace moisture at 270)	
283	387	Gray limestone	
387	480	Med.-Hard gray limestone	