

INTERVAL SHEET

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VDMR Well No.: 466

Date November 1, 1960

Sample Interval: from 0 to 540

PROP: Augusta County School Well # 4

Total depth 541

COMP: Sydnor

Oil Gas Water X Exploratory

COUNTY: Augusta

Cuttings x Core Other

From-To	From-To	From-To	From-To	From-To
-	0 - 12	300 - 310	-	WASHED SAMPLES
-	12 - 20	310 - 320	-	0 - 12
-	20 - 30	320 - 330	-	12 - 20
-	30 - 40	330 - 340	-	20 - 30
-	40 - 50	Missing	-	-
-	50 - 60	350 - 360	-	40 - 50
-	60 - 70	360 - 370	-	90 - 100
-	70 - 80	370 - 380	-	110 - 120
-	80 - 90	380 - 390	-	120 - 130
-	90 - <u>100</u>	390 - <u>400</u>	-	-
-	100 - 110	400 - 410	-	150 - 160
-	110 - 120	410 - 420	-	240 - 250
-	120 - 130	420 - 430	-	270 - 280
-	130 - 140	430 - 440	-	320 - 330
-	140 - 150	440 - 450	-	-
-	150 - 160	450 - 460	-	340 - 350
-	160 - 170	460 - 470	-	-
-	170 - 180	Missing	-	-
-	180 - 190	480 - 490	-	-
-	190 - <u>200</u>	Missing	-	-
-	200 - 210	Missing	-	-
-	210 - 220	<u>510</u> - 520	-	-
-	220 - 230	520 - 530	-	-
-	230 - 240	530 - 540	-	-
-	240 - 250	-	-	-
-	250 - 260	-	-	-
-	260 - 270	-	-	-
-	270 - 280	-	-	-
-	280 - 290	-	-	-
-	290 - <u>300</u>	-	-	-

Survey ✓

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

194

Well No 4 WATER WELL COMPLETION REPORT

UPMR#466

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

TENANT: _____ Mailing Address: _____

DRILLER: Rig 65) Sydney Pump and 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 96

WATER ZONES (fissures or formations supplying water)

(from) _____ (to) _____ (from) _____ (to) _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 4 Gal. per Min. with

530 feet DRAWDOWN after 4 HOURS PUMPING.

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

REMARKS: _____

QUALITY OF WATER

COLOR 04 TASTE 04

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 **S**

CONSTRUCTION

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

DATE: Started 9-13-60; Completed 9-19-60

TOTAL DEPTH 541 ft.

BEDROCK at 12 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL cement + water

DEPTH OF GROUTING 50

REMARKS: Samples saved for Division of Mineral Resources.

N

central school site

Well No 3 is about 105'

North East of well site

No # 3

S

HOLE SIZE

(diam)	(from)	(to)
9 in	0 ft	52 ft
5 in	52 ft	541 ft

CASING SIZE

(diam)	(from)	(to)
5 in	0 ft	53 ft

SCREEN (or perforations)

(diam)	(from)	(to)	(opening size)
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PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

Log of well (over)

Handwritten notes: 5200/50

FURNISHED BY Sydney Pump and Well Co. Inc.

DATE: 9-20-60

A.C.S.B No 4

By Jenny Long

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	1 1/2	Red clay	
1 1/2	2 1/2	Gray Limestone	
2 1/2	2 3/4	Red clay	
2 3/4	2 7/8	Gray Limestone	
2 7/8	2 7/4	weathered Limestone - $\leftarrow 1 1/2$ GPM	
2 7/4	2 8/4	Gray Limestone	
2 8/4	2 9/6	white & Gray Limestone	
2 9/6	2 9/2	Gray Limestone weathered yellow	
2 9/2	3 0/9	Gray Limestone	
3 0/9	3 1/1	Soft weathered zone - Brownish Red Limestone	
3 1/1	4 0/9	Gray Limestone	
4 0/9	4 1/9	Blue Limestone	
4 1/9	5 4/1	" "	

WATER CONDITIONS

DEPTH _____
 STATIC WATER LEVEL _____
 WATER ZONES (pressures or formations supplying water) _____
 QUANTITY OF WATER _____
 FLOW (natural) _____ G.P.M.
 HEAD _____ ft. (above ground)

CONSTRUCTION

RIG TYPE (or method) _____
 DATE Started _____
 DATE Completed _____
 TOTAL DEPTH _____ ft.
 BEDROCK at _____ ft.
 GROUTING INFORMATION
 METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

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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 194
VDMR 466

Well No. 4

WATER WELL COMPLETION REPORT

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

WATER CONDITIONS

DEPTH
 STATIC WATER LEVEL 96
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.
QUANTITY OF WATER
 WELL PUMPED (or bailed) at 4 Gal. per Min. with
424' feet **DRAWDOWN** after 4 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**
 REMARKS: _____

QUALITY OF WATER
 COLOR o.k. TASTE o.k.
 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 **School**

CONSTRUCTION
 RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc...)
 DATE: Started 9-13-60; Completed 9-19-60
 TOTAL DEPTH 541 ft.
 BEDROCK at 12 ft.
GROUTING INFORMATION
 METHOD USED Gravity
 GROUTING MATERIAL Cement & water
 DEPTH OF GROUTING 50

HOLE SIZE
 (diam) in (from) ft (to) ft
9 in 0 ft 52 ft
5 in 52 ft 541 ft

CASING SIZE
 (diam) in (from) ft (to) ft
5 in 0 ft 53 ft

SCREEN (or perforations)
 (diam) in (from) ft (to) ft (opening size)
 _____ in _____ ft _____ ft _____ ft

PUMP (installed)
 TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: Samples saved for Division of Mineral Resources

Log of well (over)

