

INTERVAL SHEET

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VDMR Well No.: 578

Date 10/22/61

Sample Interval: from 0 to 304

PROP: Spotsylvania Co. Schools  
Berkley #2

Total depth 304 1/2

COMP: Sydnor

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

COUNTY: Spotsylvania

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

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	0-10	-	-	-
-	10-20	-	-	-
-	20-30	-	-	-
-	30-40	-	-	-
-	40-50	-	-	-
		-	Complete set of sampled intervals.	-
-	50-60	-	-	-
-	60-70	-	-	-
-	70-80	-	-	-
-	80-90	-	-	-
-	90- <u>100</u>	-	-	-
-	100-110	-	-	-
-	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	-	-	-
-	Missing	-	-	-
-	260-270	-	-	-
-	270-280	-	-	-
-	280-290	-	-	-
-	290-304	-	-	-

WWCR 476-460  
VDMR 578

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

Box 3667, University Station, Charlottesville, Virginia

## WATER WELL COMPLETION REPORT

OWNER: Spotsylvania County School Board Mailing Address: Spotsylvania, Virginia  
 TENANT: Berkeley Site Well #2 Mailing Address: \_\_\_\_\_  
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond, Virginia  
 WELL LOCATION: County Spotsylvania Approx. \_\_\_\_\_ ft. miles  
 \_\_\_\_\_ (direction) of \_\_\_\_\_ 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 \_\_\_\_\_ 45 \_\_\_\_\_

WATER ZONES (fissures or formations supplying water)

(from) _____ ft. _____	(to) _____ ft. _____	(from) _____ ft. _____	(to) _____ ft. _____
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**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 11 Gal. per Min. with \_\_\_\_\_ feet **DRAWDOWN** after 8½ 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  **S**

### CONSTRUCTION

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

DATE: Started 5/9/61; Completed 5/12/61

TOTAL DEPTH 304½ ft.

BEDROCK at 65 ft.

**GROUTING INFORMATION**

METHOD USED pressure

GROUTING MATERIAL cement and water

DEPTH OF GROUTING 50 ft.

### HOLE SIZE

(diam) _____ in.	(from) _____ ft.	(to) _____ ft.
<u>10</u>	<u>0</u>	<u>67½</u>
<u>6</u>	<u>67</u>	<u>034½</u>

### CASING SIZE

(diam) _____ in.	(from) _____ ft.	(to) _____ ft.
<u>6</u>	<u>+2</u>	<u>67</u>

### SCREEN (or perforations)

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

### PUMP (installed)

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

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

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



LOG

FURNISHED BY Sydnor Pump & Well Company, Inc.

DATE: September 15, 1961

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	5	Fill dirt	
5	38	Red clay - soft	
38	65	Brown clay - soft	
65	78	Granite - gray	
78	118	Gray granite	3 GPM @ 91 ft.
118	120	Gray granite - soft	10 GPM @ 119 ft.
120	133	Gray granite	
133	143	White granite	
143	209	Gray granite	
209	212	White granite	
212	214	Gray granite	
214	233	Gray granite	
233	239	White granite	
239	304 $\frac{1}{2}$	Gray granite	

476  
W-578  
C-460

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 (direction) of \_\_\_\_\_ 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**

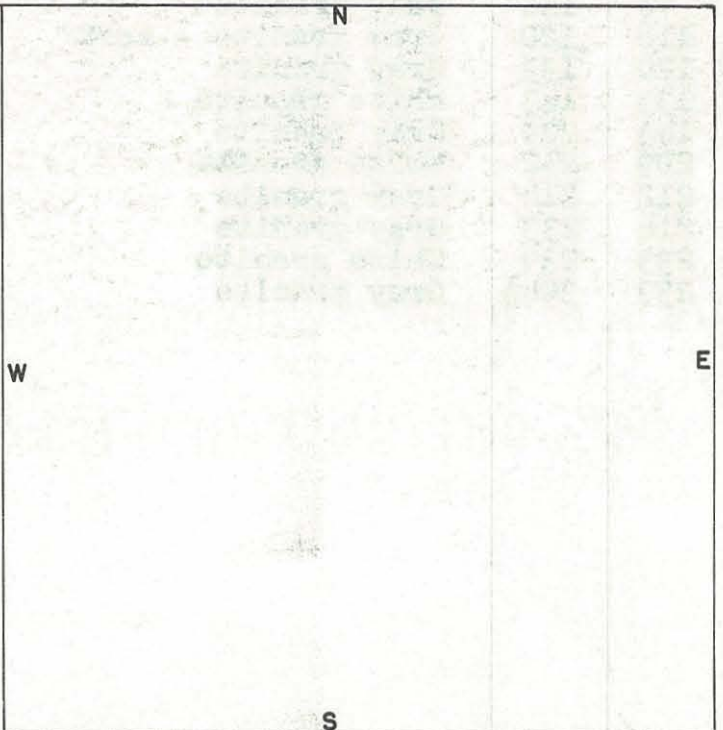
STATIC WATER LEVEL 45

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

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 11 Gal. per Min. with  
 \_\_\_\_\_ feet **DRAWDOWN** after 8 1/2 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**

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



### QUALITY OF WATER

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 ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No   
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TOTAL DEPTH 30 1/2 ft.  
 BEDROCK at 65 ft.

### HOLE SIZE

(diam)	in	(from)	ft	(to)	ft
10		0		67	
6		67		03 1/2	

### CASING SIZE

(diam)	in	(from)	ft	(to)	ft
6		+2		67	

### SCREEN (or perforations)

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

### GROUTING INFORMATION

METHOD USED pressure

GROUTING MATERIAL cement and water

DEPTH OF GROUTING 50 ft.

### PUMP (installed)

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

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

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



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233	239	White granite	
239	304½	Gray granite	

VIRGINIA DIVISION OF  
**RECEIVED**  
 SEP 25 1961  
**RECEIVED**  
 MINERAL RESOURCES