

Red = washed AND FLOATED

190

INTERVAL SHEET

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VDMR WELL NO. : WELL NO. 053

Sample Interval: from 0 to 450

PROP: **PROP: USGS TEST HOLE #3 @ CENTRAL H. S.**

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

COMP: **COMP: SYDNOR COUNTY: ACCOMACK**

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

COUNTY **WDMR WELL NO: 053**

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

FROM: \_\_\_\_\_ TO: \_\_\_\_\_

From-To	From-To	From-To	From-To	From-To
<u>0-5</u> 100	<u>65-70</u> 94	<u>20-25</u> 78 52	-	-
<u>5-10</u> 89	<u>70-75</u> 85 49	<u>25-30</u> 88 55	-	-
<u>10-15</u> 91	<u>75-80</u> 90 54	<u>30-35</u> 76	-	-
<u>15-20</u> 68	<u>80-85</u> 93 52	<u>35-40</u> 102 58	-	-
<u>20-25</u> 30	<u>85-90</u> 87 45	<u>40-45</u> 80 51	-	-
<u>25-30</u> 79	<u>90-95</u> 74 45	<u>45-50</u> 86 55	-	-
<u>30-35</u> 68	<u>95-200</u> 76 41	<u>50-55</u> 65 47	-	-
<u>35-40</u> 119	<u>00-05</u> 80 40	<u>55-60</u> 74 53	-	-
<u>40-45</u> 75	<u>05-10</u> 69 49	<u>60-65</u> 105 52	-	-
<u>45-55</u> 97 58	<u>10-15</u> 84 44	<u>65-70</u> 68 36	-	-
<u>55-60</u> 91 47	<u>15-20</u> 85 40	<u>75-80</u> 98 52	-	-
<u>60-65</u> 84 56	<u>20-25</u> 54 46	<u>80-85</u> 89 51	-	-
<u>65-70</u> 61 44	<u>25-30</u> 81 43	<u>85-90</u> 92 50	-	-
<u>70-75</u> 70 47	<u>30-35</u> 80 43	<u>90-95</u> 74 51	-	-
<u>75-80</u> 106 53	<u>35-40</u> 90 47	<u>95-400</u> 85 55	-	-
<u>80-85</u> 120 45	<u>40-45</u> 63 44	<u>00-05</u> 68 57	-	-
<u>85-90</u> 100	<u>45-50</u> 69 46	<u>05-10</u> 75 49	-	-
<u>90-95</u> 118 32	<u>50-55</u> 69 58	<u>30-35</u> 63 50	-	-
<u>95-100</u> 94 53	<u>55-60</u> 69 48	<u>35-40</u> 71 37	-	-
<u>00-05</u> 108 33	<u>65-70</u> 68 51	<u>40-45</u> 58 41	-	-
<u>05-10</u> 83 54	<u>70-75</u> 97 44	<u>45-50</u> 58 42	-	-
<u>10-15</u> 81 25	<u>75-80</u> 97 50	-	-	-
<u>15-20</u> 55 43 45	<u>80-85</u> 78 53	-	-	-
<u>20-25</u> 122-125 91	<u>85-90</u> 77 47	-	-	-
<u>25-30</u> 105-27	<u>90-95</u> 85 46	-	-	-
<u>30-35</u> 81 40	<u>95-300</u> 99 45	-	-	-
<u>35-40</u> 54 39	<u>00-05</u> 83 51	-	-	-
<u>45-50</u> 87 51	<u>05-10</u> 60	-	-	-
<u>55-60</u> 105 42	<u>10-15</u> 94 61	-	-	-
<u>60-65</u> 106 55	<u>15-20</u> 92 50	-	-	-

Unwashed



DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

Well #3

WATER WELL COMPLETION REPORT (3rd well drilled under contract w/USGS, but 1st well drilled at school)

OWNER: U. S. Geol. Survey (No. 3 well) Mailing Address: Charlottesville  
 TENANT: \_\_\_\_\_ Mailing Address: Va.  
 DRILLER: Sydnor Mailing Address: \_\_\_\_\_  
 WELL LOCATION: County Accomack Approx. near Keller ft. miles  
 (direction) of Central High School and 3 x 1/4 miles North of Exmore (Northampton)

(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 \_\_\_\_\_ Gal. per Min. with \_\_\_\_\_ feet DRAWDOWN after \_\_\_\_\_ HOURS PUMPING.

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

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

**QUALITY OF WATER**

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

OTHER \_\_\_\_\_

TESTS 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) \_\_\_\_\_  
 (rotary, cable, bored, driven, etc.)

DATE: Started \_\_\_\_\_; Completed 1953

TOTAL DEPTH 450 ft.

BEDROCK at \_\_\_\_\_ ft.

**GROUTING INFORMATION**

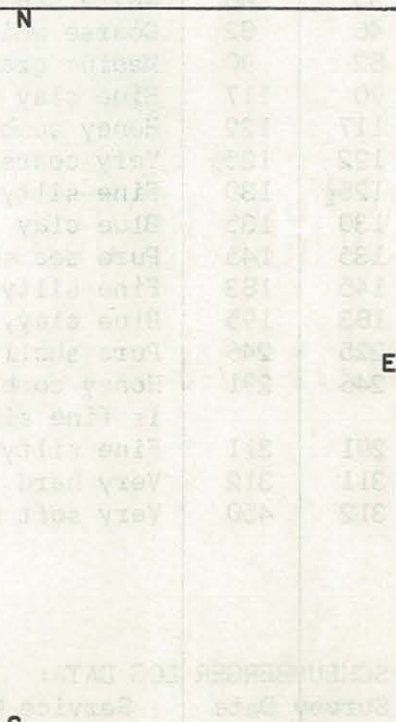
METHOD USED \_\_\_\_\_

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

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

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**HOLE SIZE**

(diam) in. (from) ft. (to) ft. (diam) in. (from) ft. (to) ft.

3 in. 0 ft. 450 ft. 3 in. +2 ft. 417'

**SCREEN (or perforations)**

(diam) (from) (to) (opening size)

3 in. 417 ft. 422 ft. #15 sss

**PUMP (installed)**

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

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

LOG Well No. 3(USGS)  
At Central High School

FURNISHED BY Sydner

DATE: \_\_\_\_\_

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
+2	0	(Ground level) 3" Pipe	
0	7	Gray sandy clay	
7	9	Black organic soil-possibly top soil under fill	
9	35	Gray water bearing quartz sand	
35	46	White sand with balls of blue clay	
46	82	Coarse white sand, sea shells, binders of blue clay	
82	90	Medium gray sand, sea shells and black sand	
90	117	Blue clay with sea shells	
117	122	Honey comb blue clay, coarse gray sand	
122	125 $\frac{1}{2}$	Very coarse pea gravel with large gravel	
125 $\frac{1}{2}$	130	Fine silty sand with clay binders	
130	135	Blue clay	
135	145	Pure sea shells	
145	183	Fine silty sand seas shells, lignitic fragments	
183	195	Blue clay, sea shells	
225	246	Pure shells	
246	291	Honey comb lime rock, streaks ranging from 2" to 14' thick in between rocks is fine silty sand with seashells	
291	311	Fine silty sand, seashells with clay binders	
311	312	Very hard	
312	450	Very soft sticky silty clay with sea shells	
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SCHLUMBERGER LOG DATA:		First Read: 449'	
Survey Date	Service Order No.	Last Read: 50'	
7-28-53	No. 322904	Feet Meas. 399'	
Test Date:	Run No.: One	Depth Reached 450'	
7-28-53		Depth Dattum: Derrick floor 1' above Ground level	
Screen		Mud Nat: Aguugel	
3"	From	Density: 12	
	417	Viscosity: 45	
	To	Resist. 12 @ 87°F	
	422	Bit Size 5-7/8: 0-TD	
	Slot	Spcgs. AM: 16"	
	#15 sss	AM: 64"	
		AO: 18'8"	
		Opr. Rig Time: 1 hr.	
		Truck No, 1738-Washington	
			Recorded By: Kimbrough Witness By: Tibbitts