

INTERVAL SHEET

WWCR 169

VDMR WELL NO.: Well No. 1009

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Sample Interval: from 0 to 375

Date 5-15-64

Total Depth 375

PROP: Henrico County
(York Manor Sub.)
COMP: Mitchell's Pump & Well Co.

Oil _____ Gas _____ Water X Exploratory _____

COUNTY: Henrico (Highland Sp.)

Cuttings X Core _____ Other _____

VDMR WELL NO: W-1009

Washed samples - none

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 - 375	-	-	-
80 - 90	-	-	-	-
90 - 100	-	-	-	-
100 - 110	-	-	-	-
110 - 120	-	-	-	-
120 - 130	-	-	-	-
130 - 140	-	-	-	-
140 - 150	-	-	-	-
150 - 160	-	-	-	-
160 - 170	-	-	-	-
170 - 180	-	-	-	-
180 - 190	-	-	-	-
190 - 200	-	-	-	-
200 - 210	-	-	-	-
210 - 220	-	-	-	-
220 - 230	-	-	-	-
230 - 240	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - 300	-	-	-	-

OWNER: Henrico (York Manor Sub.)
DRILLER: Mitchell's Well & Pump Company
COUNTY: Henrico (Highland Springs)

VDMR #1009
WWCR #168
TOTAL DEPTH: 375'

GEOLOGIC LOG

0-10	Sand and Clay - grayish orange, silty, poorly sorted, abundant quartz.
10-20	As above.
20-30	As above.
30-40	As above - with some quartz pebbles.
40-50	As above.
50-60	As above - less clay.
60-70	Sand and Silt - light olive gray, fine grained, minor clay and glauconite.
70-80	As above.
80-90	As above.
90-100	As above - considerable glauconite, some quartz pebbles, and one large collophane nodule.
100-110	Silt and Clay - yellowish gray, slightly glauconitic.
110-120	Sand and Clay - tannish green, silty, glauconitic.
120-130	As above - some calcareous fossil fragments.
130-140	Silt and Clay - mixture of yellowish gray, slightly glauconitic and light olive gray, micaceous, silts and clays.
140-150	Silt and Clay - light olive gray, micaceous, glauconitic, moderate calcareous fossil shell material.
150-160	As above.
160-170	Silt and Clay - light gray, micaceous, notable white quartz gravel and minor collophane.

170-180	Silt and Clay - light olive gray, micaceous, glauconitic, calcareous fossil fragments.
180-190	As above.
190-200	Sand, Silt, and Clay - grayish yellow, poorly sorted.
200-210	As above.
210-220	As above - slightly coarser, some glauconite pellets.
220-230	As above.
230-240	As above.
240-250	As above - with coarse quartz gravel.
250-260	Gravel, Sand, Silt, and Clay - medium brownish gray, poorly sorted, mostly coarse quartz sand.
260-270	Sand, Silt, and Clay - light olive gray, poorly sorted, abundant quartz, minor glauconite.
270-280	As above.
280-290	As above.
290-300	As above.
300-310	As above.
310-320	As above.
320-330	As above.
330-340	As above.
340-350	As above.
350-360	As above.
360-370	As above.
370-375	As above.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50	Columbia group	Pleistocene
50-90	Chesapeake group	Miocene
90-190	Pamunkey group	Eocene
190-375	Potomac group	Lower Cretaceous

Virginia Division of Mineral Resources
Francis Fitzgerald, Geologist
July 8, 1964