

INTERVAL SHEET

WWCR 167

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VDMR WELL NO.: Well No. 1008

Date 5/15/64

Sample Interval: from 0 to 290

PROP: Henrico County (Sandston #5)

Total Depth 292

COMP: Mitchell's Pump & Well Company

Oil Gas Water Exploratory

COUNTY: Henrico (Sandston)

Cuttings Core Other

VDMR WELL NO: W-1008

From-To	From-To	From-To	From-To	From-To
			No washed samples	
-	0 - 10	-	-	-
-	10 - 20	-	-	-
-	20 - 30	-	-	-
-	30 - 40	-	-	-
-	40 - 50	-	-	-
-	50 - 60	-	-	-
-	60 - 70	-	-	-
-	70 - 80	-	-	-
-	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 - 292 No sample	-	-	-

OWNER: Henrico County (Sandston #5)
DRILLER: Mitchell's Well & Pump Company
COUNTY: Henrico (Sandston)

VDMR #1008
WWCR #167
TOTAL DEPTH: 292'

GEOLOGIC LOG

- 0-10 Sand and Silt - tan, quartzose.
- 10-20 Sand and Silt - tan and brown, quartzose, with rare mica flakes and ilmenite and very low clay content.
- 20-30 Sandy silt - tan to brown, quartzose, with some light-gray streaks of silt-sized material.
- 30-40 Gravel, Sand, Silt, and Clay - white, gray, and tan, angular and rounded grains, large quartz fragments, some light tan fine sand, silt and clay, and some light gray sand, silt, and clay.
- 40-50 As above - with decrease in gravel content.
- 50-60 Sand, Silt, and Clay - brownish gray and green, poorly sorted, partially-consolidated siltstone with coarse to very fine-grained quartz sand and minor clay. Some medium to dark green glauconite.
- 60-70 As above.
- 70-80 Siltstone - medium brownish gray, partially consolidated, clayey, minor iron-oxide fragments.
- 80-90 Siltstone - gray, sandy and clayey, very little coarse sand or glauconite.
- 90-100 Siltstone - brownish gray, micaceous, glauconitic, with fine-grained quartz sand and some clay-sized particles.
- 100-110 As above - less micaceous.
- 110-120 Siltstone - brownish gray, somewhat micaceous, glauconitic, with very fine quartz sand, clay, and minor calcareous fossil fragments.
- 120-130 As above.
- 130-140 Silt and Clay - light reddish brown, micaceous, slightly glauconitic.

- 140-150 Clay and Silt - greenish gray and brown, micaceous with glauconite pellets, fine sand, and foraminifera, (dentalinoides, robulus), and some large calcareous fossil fragments.
- 150-160 As above - no foraminifera.
- 160-170 As above.
- 170-180 Clay and Silt - greenish brown and gray, micaceous, glauconitic, sandy, minor pyrite, quartz gravel, and calcareous fossil fragments.
- 180-190 Sand and Silt - light yellow and green, micaceous, with coarse quartz gravel, minor glauconite and clay.
- 190-200 Coarse Sand, Silt - light tanish brown, with some quartz gravel, minor clay and mica.
- 200-210 As above - with minor glauconite.
- 210-220 As above.
- 220-230 Silty sand and pebbles - tan, clear to milky quartz, angular, to subangular, coarse grained, minor glauconite.
- 230-240 As above.
- 240-250 As above - with increase of silt-size material.
- 250-260 As above.
- 260-270 As above.
- 270-280 As above.
- 280-290 Silty Sand and Gravel - tan, clear to milky quartz, fine to coarse grained, angular to subangular, sand with well rounded gravel.
- 290-292 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50	Columbia group	Pleistocene
50-100	Chesapeake group	Miocene
100-180	Pamunkey group	Eocene
180-290	Potomac group	Lower Cretaceous

Virginia Division of Mineral Resources
Francis Fitzgerald, Geologist
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