

INTERVAL SHEET

WWCR 162

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VDMR Well No.: 858

Date 7-8-63

Sample Interval: from 0 to 369'8"

PROP: Sandburne Park Subd.
Well #2

Total depth 369'8"

COMP: Mitchell's Well & Pump

Oil Gas Water x Exploratory

COUNTY: Henrico
VDMR Well No: W-858

Cuttings x Core Other

From-To	From-To	From-To	Washed samples From-To	From-To
0_10	280_290	-	-	-
10_20	290_300	-	-	-
20_30	300_310	-	Complete set of sampled intervals.	-
30_40	310_320	-		-
40_50	320_330	-		-
50_60	330_340	-		-
60_70	340_350	-	-	-
70_80	350_360	-	-	-
80_90	360_369'8"	-	-	-
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_252½	-	-	-	-
252½_255	-	-	-	-
255_260	-	-	-	-
260_270	-	-	-	-
270_280	-	-	-	-

OWNER: Henrico County (Sandburne Park)
DRILLER: Mitchell's Well & Pump Co.
COUNTY: Henrico (Sandston)

VDMR # 858
WWCR # 162
TOTAL DEPTH : 369'8"

GEOLOGIC LOG

Columbia group (0-40')

0-10 Clay - yellow to light brown, very silty slightly sandy
10-20 Clay - pink, with gray mottle, very silty slightly sandy and ferruginous
20-30 Sand - yellow to light brown, medium to fine grained, angular to subangular, very silty and argillaceous
30-40 Sand - brown, coarse to fine grained, angular to subangular, very silty and argillaceous, small amount of gravel

Calvert formation (40'-100')

40-50 Clay - gray, with yellow to brown mottles, very silty and sandy
50-60 Clay - gray, slightly silty and sandy
60-70 Silt - gray, very argillaceous
70-80 As above
80-90 Clay - gray, very silty and sandy, trace of glauconite
90-100 Clay - gray, very silty and sandy, slightly glauconitic

Pamunkey group (100'-130')

100-110 Sand - gray to green, medium to fine grained, angular to subangular, very silty, argillaceous, and glauconitic
110-120 Sand - gray, medium to fine grained, angular to subangular, very silty, argillaceous, and glauconitic, large number of shell fragments

OWNER: Henrico County (Sandburne Park) - (continued) #858

- 120-130 Sand - gray, coarse to fine grained, angular to subangular, very silty, argillaceous, and glauconitic, small number of shell fragments
- Potomac group (130'-369'8")
- 130-140 Sand - buff, medium to fine grained, angular to subangular, slightly silty and argillaceous, trace of mica and feldspar
- 140-150 As above
- 150-160 As above
- 160-170 Sand - light gray, coarse to fine grained, angular to subangular, slightly silty and argillaceous, trace of mica and feldspar
- 170-180 Sand - buff, coarse to fine grained, angular to subangular, very silty and argillaceous, trace of mica and feldspar
- 180-190 Sand - buff, coarse to fine grained, angular to subangular, slightly silty, argillaceous, and arkosic
- 190-200 As above
- 200-210 Sand - buff, coarse to fine grained, angular to subangular, very silty and argillaceous, trace of feldspar
- 210-220 Sand - buff, coarse to fine grained, angular to subangular, very silty and argillaceous, slightly arkosic
- 220-230 Sand - gray, coarse to fine grained, angular to subangular, very silty and argillaceous, slightly arkosic
- 230-240 Sand - light gray, coarse to fine grained, angular to subangular, very silty and arkosic
- 240-250 As above
- 250-252 $\frac{1}{2}$ Sand - gray to green, coarse to medium grained, angular slightly silty, argillaceous and arkosic

252 $\frac{1}{2}$ -255	Clay - pink, with light green mottles, very sandy, small amount of gravel
255-260	As above
260-270	Sand - buff, coarse to fine grained, angular to subangular, very silty, slightly argillaceous
270-280	As above
280-290	As above
290-300	Clay - gray, very silty, slightly sandy and micaceous
300-310	Clay - gray, very silty, sandy, and micaceous
310-320	Clay - gray, with pink and light green mottles, very silty and sandy, slightly micaceous
320-330	Clay - red to pink, with light green mottles, very sandy, slightly silty
330-340	Clay - gray to green, with pink mottles, slightly silty and sandy, trace of mica
340-350	Clay - red to brown, with gray mottles, very silty, slightly sandy, trace of mica
350-360	Sand - light pink, coarse to fine grained, angular to subangular, slightly arkosic, trace of clay
360-370	Sand - light pink, coarse to fine grained, angular to subangular, slightly arkosic, trace of silt and clay

GEOLOGIC SUMMARY

	<u>AGE</u>	<u>ROCK UNIT</u>
0-40'	Pleistocene	Columbia group
40-100'	Miocene	Calvert formation
100-130'	Eocene	Pamunkey group
130-369'8"	Lower Cretaceous	Potomac group

Virginia Division of Mineral Resources
James L. Ruhlé - Geologist
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