

Sheet No. 1

PROP: BENFORD TRICE  
 @ ST. STEPHENS CHURCH  
 COMP: REYNOLDS & NORMAN  
 COUNTY: KING & QUEEN  
 VDMR WELL NO: 0205  
 FROM: TO:

VDMR WELL NO. 0205  
 Sample Interval 50-470

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

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

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

8

From-To	From-To FIRST SET WASHED & FLOATED SAMPLES	From-To	From-To SECOND SET WASHED & FLOATED SAMPLES	From-To
50-70		430-450 <sup>32</sup>		245-250 <sup>45</sup>
70-90		450-470 <sup>45</sup>		255-260 <sup>44</sup>
130-150	50-70 <sup>35</sup>		65-70 <sup>32</sup>	265-270 <sup>50</sup>
150-170	70-90 <sup>50</sup>	-	85-90 <sup>39</sup>	275-280 <sup>41</sup>
170-190	90-110 <sup>36</sup>	-	95-100 <sup>34</sup>	285-290 <sup>47</sup>
190-210	130-150 <sup>27</sup>	-	105-110 <sup>38</sup>	295-300 <sup>44</sup>
210-230	150-170 <sup>42</sup>	-	115-120 <sup>34</sup>	305-310 <sup>47</sup>
230-250	170-190 <sup>79</sup>	-	125-130 <sup>38</sup>	310-315 <sup>43</sup>
250-270	190-210 <sup>42</sup>	-	135-140 <sup>42</sup>	320-325 <sup>44</sup>
270-290	210-230 <sup>59</sup>	-	145-150 <sup>45</sup>	335-340
330-350	230-250 <sup>64</sup>	-	155-160 <sup>49</sup>	345-350
350-370	250-270 <sup>79</sup>	-	165-170 <sup>40</sup>	355-360
370-390	270-290 <sup>62</sup>	-	175-180 <sup>38</sup>	370-375
390-410	310-330 <sup>77</sup>	-	185-190 <sup>42</sup>	380-385
410-430	330-350 <sup>60</sup>	-	195-200 <sup>48</sup>	390-395
430-450	350-370 <sup>50</sup>	-	200-210 <sup>48</sup>	405-410
450-470	370-390 <sup>85</sup>	-	215-220 <sup>48</sup>	415-420
-	390-410 <sup>35</sup>	-	225-230 <sup>50</sup>	425-430
-	410-430 <sup>45</sup>	-	235-240 <sup>44</sup>	435-440
				445-452
				460-465
				465-470

OWNER: Benford Trice VDMR # 0205  
DRILLER: Reynolds and Norman WWCN # 8  
COUNTY: King & Queen Co. (St. Stephens Church) Depth: 470'

SAMPLE EXAMINATION  
(washed)

50-70 Sand and silt, tan, with abundant calcareous clay and shell fragments  
70-90 Clay, brown, silty to sandy, soft, with abundant shell fragments. slightly glauconitic  
90-130 No sample  
130-150 Clay, brown, soft, silty, micaceous, slightly calcareous with minor shell fragments  
150-290 Clay, brown, marly, slightly glauconitic to glauconitic, sandy, grading in part to marly soft sandstone. With shell fragments  
290-330 No sample  
330-350 Clay as above, very glauconitic  
350-390 Clay, varicolored, pink, brown, ochre, and buff, firm, sandy,  
400-410 As above with predominant colors pink, red and buff. Softer  
410-430 Sand, quartz, fine to medium grained, angular, with abundant pink and buff clay  
430-470 Clay, pink, finely pulverized, silty to sandy, becoming more sandy towards the base

GEOLOGIC SUMMARY

Miocene	Chesapeake Gp.	? - 150
Eocene	Pamunkey Gp.	150-350
Paleo-Cret	Mattaponi Fm.	350- T. D.

VIRGINIA DIVISION OF MINERAL RESOURCES  
William Dudley, Geologist  
October 1958

VDNR Well No. 0205

Loc. St. Stephens Church

King & Queen Co.

Prop: Benford Trice

Contractor: Reynolds and Norman

Interval

Description

MIocene

CHESAPEAKE GROUP

- 50-70 sand and silt, tan, with abundant calcareous clay and shell fragments
- 70-90 clay, brown, silty to sandy, soft, with abundant shell fragments, slightly glauconitic
- 90-130 no sample
- 130-150 clay, brown, soft, silty, micaceous, slightly calcareous with minor shell fragments

EOCENE

PAMUNKEY GROUP

- 150-290 clay, brown, marly, slightly glauconitic to glauconitic, sandy, grading in part to marly soft sandstone. With shell fragments
- 290-330 no sample
- 330-350 clay as above, very glauconitic

PALEOCENE-UPPER CRETACEOUS

MATTAPONI FM.

- 350-390 clay, varicolored, red, pink, brown, ochre, and buff, firm, sandy
- 400-410 as above with predominant colors pink, red and buff. Softer
- 410-430 sand, quartz, fine to medium grained, angular, with abundant pink and buff clay
- 430-470 clay, pink, finely pulverized, silty to sandy, becoming more sandy towards the base

FORMATIONS PENETRATED

Age	Group or Formation	Interval
Miocene	Chesapeake Gp.	?-150
Eocene	Pamunkey Gp.	150-350
Paleo-Cret	Mattaponi Fm.	350- T. D.