

INTERVAL SHEET

WWCR 314

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VDMR Well No.: 1112

Date 8/12/64

Sample Interval: from 1 to 520

PROP: Don McClure

Total depth 520

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Augusta (Greenville)
VDMR WELL NO: W-1112

Cuttings Core Other
WASHED SAMPLES ONLY

From-To	From-To	From-To	From-To	From-To
-	-	1 - 28	460 - 475	-
-	-	28 - 40	475 - 490	-
-	-	40 - 55	490 - 505	-
-	-	55 - 70	505 - 520	-
-	-	70 - 85	-	-
-	-	85 - 100	-	-
-	-	100 - 115	-	-
-	-	115 - 130	-	-
-	-	130 - 145	-	-
-	-	145 - 160	-	-
-	-	160 - 175	-	-
-	-	175 - 190	-	-
-	-	190 - 205	-	-
-	-	205 - 220	-	-
-	-	220 - 235	-	-
-	-	235 - 250	-	-
-	-	250 - 265	-	-
-	-	265 - 280	-	-
-	-	280 - 295	-	-
-	-	295 - 310	-	-
-	-	310 - 325	-	-
-	-	325 - 340	-	-
-	-	340 - 355	-	-
-	-	355 - 370	-	-
-	-	370 - 385	-	-
-	-	385 - 400	-	-
-	-	400 - 415	-	-
-	-	415 - 430	-	-
-	-	430 - 445	-	-
-	-	445 - 460	-	-

OWNER: Don McClure
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Greenville)

VDMR WELL # : 1112
WWCR WELL # : 314
TOTAL DEPTH : 520

GEOLOGIC LOG

Beekmantown Formation (1-520')

- 1-28 Residuum - grayish-orange, calcareous clay, fragments of chert, medium-gray medium-crystallized dolomite with white veins.
- 28-40 Dolomite - medium-gray, medium to coarsely crystalline, minor white dolomite veins, vein calcite, ferruginous clay.
- 40-55 As above - less clay.
- 55-70 Chert and Dolomite - medium-blue-gray, translucent, to dark-gray opaque chert; medium-gray, medium to extremely coarsely crystalline dolomite; trace pyrite.
- 70-85 As above
- 85-100 Dolomite - medium-gray, fine to coarsely crystalline; minor medium-gray chert.
- 100-115 Chert and Dolomite - medium-dark-gray translucent chert; medium-dark-gray fine to medium-crystalline dolomite trace gypsum.
- 115-130 Dolomite - medium-light-gray, medium-to coarsely-crystalline; minor dolomite and quartz veins, trace pyrite.
- 130-145 Dolomite - medium-gray, fine-to medium crystalline; traces chert, clay, quartz and calcite veins.
- 145-160 Limestone - medium-dark-brownish-gray, aphanogranular, scattered coarse crystals calcite.
- 160-175 As above
- 175-190 As above - not as brown, minor coarsely-crystalline dolomite.
- 190-205 As above - minor chert and quartz.
- 205-220 Limestone - medium-dark-gray, slightly brownish, aphanogranular, scattered medium to very fine rhombohedrons; trace pyrite; minor siliceous laminae.
- 220-235 As above
- 235-250 Dolomite - medium-grained, very-coarsely-crystalline; minor calcite veins; minor limestone as above.

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- 250-265 Dolomite - medium gray, medium to very-coarsely-crystalline; white dolomite veins; minor siliceous, pyritiferous layers.
- 265-280 Limestone and Dolomite - medium-dark-gray, slightly brownish, aphanogranular limestone; medium-gray, coarsely-crystalline dolomite; siliceous and pyritiferous in part; slight brown leaching stain.
- 280-295 Dolomite - tan-to medium-light-gray, medium-to coarsely-crystalline; tan coloration probably due to leaching.
- 295-310 Chert - buff-to medium-gray, mottled, translucent; trace calcite and quartz.
- 310-325 Dolomite - medium-blue-gray, medium-crystalline, trace pyrite and calcite.
- 325-340 As above - coarsely crystalline.
- 340-355 As above - trace chert.
- 355-370 As above - slight yellow leaching stain.
- 370-385 As above - minor white dolomite veins.
- 385-400 Dolomite - medium-dark-gray, medium-crystalline; minor dolomite and calcite veins; trace pyrite and carbonaceous material.
- 400-415 As above
- 415-430 Dolomite - medium-gray, slightly brown, medium-crystalline; slightly argillaceous.
- 430-445 Dolomite - light gray and medium-dark-gray, medium-crystalline; minor calcite veins; leach residue contained minor interstitial silica, carbonaceous material and trace pyrite.
- 445-460 Dolomite - medium-light-gray, medium-crystalline.
- 460-475 As above - minor calcite veins.
- 475-490 Dolomite - medium-dark-gray, finely crystalline; carbonaceous.
- 490-505 As above - argillaceous.
- 505-520 Dolomite - dark-gray, medium-crystalline; carbonaceous, pyritiferous, trace calcite.

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
1-520	Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
July 12, 1965