

INTERVAL SHEET

WWCR 78

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VDMR Well No.: Well No. 949

Date 2/17/64

Sample Interval: from 0 to 300

PROP: Luray Textile Co.

Total depth 300

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Page (Luray)

Cuttings Core Other

VDMR Well No: W-949

From-To	From-To	From-To	From-To	From-To
-	0 - 3	248 - 253	No washed samples	
-	3 - 7	253 - 258	-	-
-	7 - 20	258 - 263	-	-
-	20 - 30	263 - 268	No sample	-
-	30 - 46	268 - 273	-	-
-	46 - 68	273 - 278	-	-
-	68 - 76	278 - 283	-	-
-	76 - 125	283 - 288	-	-
-	125 - 138	288 - 293	-	-
-	138 - 149	293 - 300	-	-
-	149 - 153	-	-	-
-	153 - 158	-	-	-
-	158 - 163	No sample	-	-
-	163 - 168	-	-	-
-	168 - 173	-	-	-
-	173 - 178	-	-	-
-	178 - 183	-	-	-
-	183 - 188	-	-	-
-	188 - 193	-	-	-
-	193 - 198	-	-	-
-	198 - 203	-	-	-
-	203 - 208	-	-	-
-	208 - 213	-	-	-
-	213 - 218	-	-	-
-	218 - 223	-	-	-
-	223 - 228	-	-	-
-	228 - 233	-	-	-
-	233 - 238	-	-	-
-	238 - 243	-	-	-
-	243 - 248	-	-	-

OWNER: Luray Textile Co., Inc.
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Page (Luray)

VDMR #949
WWCR #78
TOTAL DEPTH: 300'

GEOLOGIC LOG

Overburden (0-7')

- 0-3 Overburden — medium-brown, fine-grained, clay, silt, quartz, organic material; sandstone fragments.
- 3-7 As above — with higher percentage of sandstone plus some blue limestone.

Conococheague Formation (7-300')

- 7-20 Limestone — medium-dark blue-gray, fine-grained, dark-blue oolites in white calcite groundmass, minor dolomite crystals, very minor buff-colored sandstone.
- 20-30 As above — no oolites.
- 30-46 As above.
- 46-68 As above — minor calcite veins.
- 68-76 Solution-Cavity Filling — medium-light brown, fine- to coarse-grained, silt, clay, grit (to 3 mm), quartzite pebbles (to 25 mm), sandstone pebbles and fragments of oolitic chert (to 16 mm), porous white sandstone with light purple stains.
- 76-125 Limestone — medium-gray, fine-grained, minor calcite veins.
- 125-138 Solution-Cavity Filling — medium-brown, fine- to coarse-grained, clay, pebbles of very-fine sandstone with jasper, goethite, and limestone fragments.
- 138-149 Limestone — medium blue-gray, fine-grained, minor lighter blebs.
- 149-153 As above — with oolites.
- 153-158 Cavernous Limestone — as above with approximately 40% of sample composed of detrital clay, sand, fragments of impure brown sandstone, minor pyrite and minor mica.
- 158-163 No sample.
- 163-168 Cavernous Limestone — as above with approximately 40% of sample composed of detrital clay, sand, fragments of impure brown sandstone, minor pyrite and minor mica.

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- 168-173 Cavernous Limestone -- as above with approximately 40% of sample composed of detrital clay, sand, fragments of impure brown sandstone, minor pyrite and minor mica.
- 173-178 As above.
- 178-183 As above.
- 183-188 Cavernous Limestone -- dark blue-gray, fine-grained, partially oolitic approximately 40% of sample composed of detrital clay, silt, sand, fragments of siltstone, sandstone, and thin bedded shaly limestone.
- 188-193 As above.
- 193-198 As above.
- 198-203 As above.
- 203-208 Cavernous Limestone -- medium blue-gray, fine-grained, slightly oolitic limestone with minor calcareous mudstone; approximately 30% of sample composed of detrital clay, silt, and sand.
- 208-213 As above -- darker limestone.
- 213-218 As above -- with some stylolites.
- 218-223 As above -- no stylolites.
- 223-228 As above -- with some stylolites.
- 228-233 Cavernous Limestone -- dark-gray, fine-grained, with blebs of iron oxide and (perhaps after pyrite), minor calcareous siltstone; approximately 30% of sample composed of detrital clay, silt, and minor sand.
- 233-238 As above.
- 238-243 As above -- with stylolites and minor pyrite.
- 243-248 As above -- with minor oolitic limestone.
- 248-253 Cavernous Limestone -- dark-gray, fine-grained; approximately 30% of sample composed of detrital ferruginous siltstone, clay, silt, mudstone, and sand.
- 253-258 As above -- less than 10% clay and mudstone.
- 258-263 As above.

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- 263-268 No sample.
- 268-273 Cavernous Limestone — dark-gray, fine-grained; approximately 30% of sample composed of detrital brown clay, silt, mudstone, and sand.
- 273-278 As above.
- 278-283 As above — 50% detrital clay, silt, mudstone, and sand.
- 283-288 As above — 30% detrital clay, silt, mudstone, and sand.
- 288-293 As above — 50% detrital clay, silt, mudstone, and sand.
- 293-300 As above — 60% detrital clay, silt, mudstone, and sand.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-7	Overburden	Quaternary
7-300	Conococheague Formation	Upper Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
November 30, 1964