

INTERVAL SHEET

WWCR 348

Page 1

VDMR Well No: Well No. 1361

Date 9/14/65

Sample Interval: from 0 to 585

PROP: E. A. Eye #1

Total Depth 593

COMP: Sydnor Pump & Well Co.

Oil Gas Water Exploratory

COUNTY: Augusta (Hermitage)

Cuttings Core Other

VDMR Well No: W-1361

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 15	451 - 466	-
-	-	15 - 31	466 - 481	-
-	-	31 - 46	481 - 496	-
-	-	46 - 61	496 - 511	-
-	-	61 - 76	511 - 526	-
-	-	76 - 91	526 - 541	-
-	-	91 - 106	541 - 556	-
-	-	106 - 121	556 - 571	-
-	-	121 - 136	571 - 586	-
-	-	136 - 151	-	-
-	-	151 - 166	-	-
-	-	166 - 181	-	-
-	-	181 - 196	-	-
-	-	196 - 211	-	-
-	-	211 - 226	-	-
-	-	226 - 241	-	-
-	-	241 - 256	-	-
-	-	256 - 271	-	-
-	-	271 - 286	-	-
-	-	286 - 301	-	-
-	-	301 - 316	-	-
-	-	316 - 331	-	-
-	-	331 - 346	-	-
-	-	346 - 361	-	-
-	-	361 - 376	-	-
-	-	376 - 391	-	-
-	-	391 - 406	-	-
-	-	406 - 421	-	-
-	-	421 - 436	-	-
-	-	436 - 451	-	-

Added 1/17/66

OWNER: E. A. Eye - Well #1
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Hermitage)

VDMR #1361
WWCR #348
TOTAL DEPTH: 451'

GEOLOGIC LOG

- 0-15 Dolomite -- light-gray, very-finely-crystalline, minor light-orange, weathering stain; trace quartz sand grains and dolomite veins.
- 15-31 Dolomite -- light-gray, minor buff-colored; medium-crystalline.
- 31-46 Argillaceous Dolomite -- medium-gray, finely-crystalline; trace pyrite and iron-oxide stain.
- 46-61 Dolomite -- medium-gray, very-fine- to medium-crystalline; minor brecciation recementation with dolomite; trace stylolites and calcite veins.
- 61-76 Dolomite -- medium-light-gray, medium- to very-coarsely-crystalline.
- 76-91 Dolomite -- medium-light-gray, minor buff-colored; fine- to coarsely-crystalline; trace sand grains and vein quartz.
- 91-106 As above.
- 106-121 Dolomite -- medium-blue-gray, finely-crystalline; trace pyrite; slightly brecciated, recemented with fine veins dolomite and minor calcite.
- 121-136 Dolomite -- medium-gray, very-finely-crystalline.
- 136-151 Dolomite -- light-gray, aphanogranular; trace buff colored dolomite and trace of black chert.
- 151-166 As above -- no buff colored dolomite, no chert.
- 166-181 Dolomite -- medium-light-gray, medium- to coarsely-crystalline; trace dark-gray chert.
- 181-196 Dolomite -- medium-gray, medium-crystalline, trace dusty pyrite and light-gray chert.
- 196-211 Dolomite -- medium-gray, fine- to medium-crystalline, trace of coarse quartz sand and dusty pyrite.
- 211-226 Dolomite -- medium-light-gray, medium- to coarsely crystalline, minor pyrite.

OWNER: E. A. Eye - Well #1

#1361

- 226-241 Dolomite — medium-dark-gray, finely-crystalline, minor carbonaceous material and trace pyrite; minor light-gray, platy, calcareous dolomite.
- 241-256 Dolomite — medium-gray, white and dark-gray; coarse- to very-coarsely-crystalline; trace carbonaceous material and pyrite.
- 256-271 Dolomite — medium-dark-gray, finely-crystalline, very minor dark-gray chert.
- 271-286 Dolomite — medium-light-gray, coarsely crystalline, very minor light-gray-chert.
- 286-301 Dolomite — medium-gray, fine-grained; trace pyrite.
- 301-316 Dolomite — medium-dark-bluish-gray; coarsely-crystalline; minor white dolomite veins.
- 316-331 Dolomite — medium-gray, fine- to medium-crystalline.
- 331-346 Dolomitic Limestone — medium-light-gray, fine- to coarsely-crystalline; minor carbonaceous material and pyrite.
- 346-361 Dolomite — medium-dark-gray, finely crystalline; trace pyrite and white dolomite veins.
- 361-376 Dolomite — medium-dark-gray; medium-crystalline.
- 376-391 Dolomite — medium-gray; medium to finely crystalline, minor white dolomite veins.
- 391-406 Calcareous Dolomite — medium-light-gray, medium-crystalline; minor carbonaceous bedding, white dolomite veins.
- 406-421 Calcareous Dolomite — light-gray to medium-dark-gray, very-finely-crystalline to medium-crystalline; trace pyrite and calcite veinlets.
- 421-436 Dolomite — medium-dark-gray, finely-crystalline trace carbonaceous material.
- 436-451 Dolomite — medium-dark-gray, finely-crystalline; carbonaceous with dusty pyrite partings; trace calcite and quartz veins.

OWNER: E. A. Eye, Well #1

#1361

- 451-466 Dolomite — medium-dark-gray, finely crystalline, abundant calcite veinlets, minor dusty pyrite, trace light-gray chert; minor light brown clay due to settling in well during four months pause in drilling operation.
- 466-481 Calcareous Dolomite — medium-light-gray and medium-dark-gray, medium crystalline, minor vein calcite, black carbonaceous partings and dusty pyrite, minor aphanogranular limestone; trace iron stained dolomite and light brown clay from above.
- 481-496 Dolomite — medium-light-gray, very-finely-crystalline, white dolomite veins, minor pyrite and dark gray limestone.
- 496-511 Dolomite — medium-gray, medium crystalline; trace white calcite veins.
- 511-526 Dolomite — light to medium dark gray, very-fine to medium crystalline; minor pyrite darker portion is calcareous.
- 526-541 As above — trace of pyritiferous shale, alternating laminae of light and dark gray.
- 541-556 As above — finer grained, minor tiny calcite veins.
- 556-571 Dolomite — light-gray, aphanogranular to finely crystalline, trace tan chert.
- 571-585 Dolomite — medium-gray, finely crystalline, trace of carbonaceous shaly material, minor vein quartz and calcite, very-light-gray medium crystalline dolomite.
- 585-593 No sample.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-585 Beekmantown Formation	Ordovician
585-593 No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
January 26, 1966