

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1711

Date rec'd: 12-7-66

Sample Interval: from 9 to 705

PROP: Frank Ferrara

Number of samples: 44

COMP: Sydnor Hydrodynamics

Total Depth: 705

COUNTY: Rockingham
(Harrisonburg)

Oil or Gas: Water ~~X~~ Exploratory:

From-To	From-To	From-To	From-To
No - sample	480-495	-	-
9 - 25	495-510	-	-
25 - 40	510-525	-	-
40 - 60	525-540*	-	-
60 - 75	540-555*	-	-
75 - 90	555-570	-	-
90 - 120*	570-585	-	-
120 - 135	585-600	-	-
135 - 150	600-615	-	-
150 - 165	615-630*	-	-
165 - 180	630-645	-	-
180 - 195	645-660*	-	-
195 - 210	660-675	-	-
210 - 240*	675-690	-	-
240 - 255*	690-705*	-	-
255 - 270	-	-	-
270 - 285	-	-	-
285 - 300	-	-	-
300 - 315*	-	-	-
315 - 330	-	-	-
330 - 345	-	-	-
345 - 360*	-	-	-
360 - 375	-	-	-
375 - 390	-	-	-
390 - 405	-	-	-
405 - 420	-	-	-
420 - 435	-	-	-
435 - 450	-	-	-
450 - 465	-	-	-
465 - 480	-	-	-

*unwashed samples only

OWNER: Frank Ferrara (Shenandoah Valley Produce Co.)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Rockingham (Harrisonburg)

VDMR: 1711
WWCR: 564
TOTAL DEPTH: 705

GEOLOGIC LOG

Depth in feet

BEEKMANTOWN FORMATION (0-435')

0-9	No sample
9-25	Limestone - dark gray, fine-grained, crystalline; minor grayish-orange, fine-grained, argillaceous limestone
25-40	Limestone - very dark-gray, fine-grained, crystalline
40-60	"
60-75	"
75-90	Calcilutite - medium-gray, with crystalline calcite "eyes"
90-120	Limestone - dark gray, fine-grained, crystalline
120-135	Calcilutite - 50% medium-gray, 50% dark gray, fine-grained, crystalline limestone
135-150	Calcilutite - medium- to dark-gray, vein calcite
150-165	" trace pyrite
165-180	" minor pale yellowish-brown, vein calcite
180-195	"
195-210	Limestone - medium-gray, fine- to medium-grained, crystalline; minor grayish-orange, fine-grained, weathered calcite on fracture surfaces
210-240	" some iron and manganese encrustations
240-255	" "

OWNER: Frank Ferrara (Shenandoah Valley Produce Co.)

#1711

- 255-270 Calcilutite - medium gray, partly weathered; black and dark gray chert, silicified bryozoan fragments, manganese and iron nodules and stains; calcite crystals
- 270-285 "
- 285-300 " black chert
- 300-315 "
- 315-330 " many limonite stains and nodules
- 330-345 " "
- 345-360 Dolomite - medium dark-gray, fine-grained, crystalline; calcareous
- 360-375 "
- 375-390 "
- 390-405 "
- 405-420 "
- 420-435 "

DIABASE DIKE (435-465)

- 435-450 Diabase
- 450-465 Altered Diabase - greenish-gray, diabase material included in crystalline, calcareous matrix

BEEKMANTOWN FORMATION (465-705[±])

- 465-480 Limestone - medium-gray, fine-grained, crystalline
- 465-480 "
- 480-495 "
- 495-510 "
- 510-525 "
- 525-540 "
- 540-555 "

OWNER: Frank Ferrara (Shenandoah Valley Produce Co.)

#1711

555-570 Limestone - light-gray, fine-grained, crystalline; limestone breccia
570-585 Dolomite - dark-gray, fine-grained, crystalline; vein calcite
585-600 Limestone - light-gray, fine-grained, crystalline
600-615 Limestone - dark-gray, fine-grained, crystalline; vein calcite
615-630 "
630-645 "
645-660 "
660-675 "
675-690 Limestone - light and medium-gray, fine-grained, crystalline
690-705 Dolomite - dark-gray, fine-grained, crystalline; calcareous

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-435	Beekmantown Formation	Ordovician
435-465	Diabase Dike	
465-705	Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources
William W. Winters, Geologist
July 1967