

INTERVAL SHEET

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VDMR Well No: 1591

Date rec'd: 5/12/66

Sample Interval: from 10 to 330

PROP: R. Solenberger #1  
(Fruit Hill Orchard, Inc.)

Number of samples: 35

COMP: H. E. Shirley

Total Depth: 360

COUNTY: Frederick (Winchester)

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

From-To	From-To	From-To	From-To
10 -	290 -	-	-
20 -	300 -	-	-
30 -	310 -	-	-
40 -	320 -	-	-
50 -	330 -	-	-
60 -	-	-	-
70 -	-	-	-
75 -	-	-	-
80 -	-	-	-
85 -	-	-	-
90 -	-	-	-
100 -	-	-	-
110 -	-	-	-
120 -	-	-	-
130 -	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
180 -	-	-	-
190 -	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
240 -	-	-	-
250 -	-	-	-
260 -	-	-	-
270 -	-	-	-
280 -	-	-	-

All intervals have both washed and unwashed samples

OWNER: Robert Solenberger, Well #1 (Fruit Hill Orchard, Inc.) VDMR 1591  
DRILLER: H. E. Shirley WWCR 289  
COUNTY: Frederick (Winchester) TOTAL DEPTH: 360'

GEOLOGIC LOG

0-10	No sample
10	Limestone — light gray, fine crystalline, dense, few very thin calcite veins
20	Limestone — dark gray, fine crystalline, dense, few calcite veins
30	"
40	"
50	" with limestone - light gray, medium crystalline, to dense
60	Limestone — gray to dark gray, medium crystalline, dense, few vugs filled or partially filled with calcite crystals
70	"
75	" with an increase in calcite
80	" "
85	" with much calcite in fractures
90	" much less calcite
100	" "
110	"
120	"
130	Limestone — gray to light gray, fine crystalline, dense slightly vugular
140	"
150	Limestone — dark gray, fine crystalline, dense, hard, few small calcite veins, concoidal fracturing (due to bit action)
160	"
170	Limestone — dark gray and lighter gray mixed, calcarenitic to fragmental

OWNER: Robert Solenberger #1 (Fruit Hill Orchard, Inc.) #1591

- 180 Limestone — dark gray, fine crystalline, dense, hard, few small calcite veins concoidal fracturing (due to bit action)
- 190 Limestone — gray to light gray, fine crystalline, dense, few thin calcite veins, slight fracturing with vugs
- 200 Limestone — light gray to light tan, fine crystalline, dense, siliceous to silty, few vugs
- 210 " with white and tan chert
- 220 Limestone — dark gray, fine crystalline, dense, few calcite veins partially silicified, few scattered pyrite crystals
- 230 Limestone — light gray some tan staining, fine crystalline, dense, many vugs, with very small crystals lining the vugs
- 240 " no vugs
- 250 " numerous small vugs, some calcite crystals
- 260 " "
- 270 Limestone — gray to dark gray, fine crystalline, dense, some vugs, some tan to yellow stains
- 280 " numerous small vugs
- 290 Limestone — dark gray, fine crystalline, dense, few thin calcite veins, hard
- 300 "
- 310 "
- 320 " with some lighter gray calcarenitic limestone
- 330-360 No samples

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-10	No sample	
10-330	Elbrook Formation	Cambrian
330-360	No samples	

Note: Water reported by driller at 270 feet. From 250-290 feet there were numerous small open vugs which may indicate a water zone.

Virginia Division of Mineral Resources  
Warren J. Souder, Geologist  
June 1966