

INTERVAL SHEET

WWCR 492

Page 1

VDMR Well No.: Well No. 1229

Date 1-18-65

Sample Interval: from 0 to 150

PROP: Town of Harrisonburg  
(Riven Rock Park #2)  
 COMP: Sydnor Pump & Well Co.

Total depth 150

Oil  Gas  Water  Exploratory

COUNTY: Rockingham

Cuttings  Core  Other

VDMR Well No: W-1229

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	-	-
-	-	15 -	-	-
-	-	25 -	-	-
-	-	30 -	-	-
-	-	35 -	-	-
-	-	40 -	-	-
-	-	45 -	-	-
-	-	50 -	-	-
-	-	55 -	-	-
-	-	60 -	-	-
-	-	65 -	-	-
-	-	70 -	-	-
-	-	75 -	-	-
-	-	80 -	-	-
-	-	85 -	-	-
-	-	90 -	-	-
-	-	95 -	-	-
-	-	100 -	-	-
-	-	105 -	-	-
-	-	115 -	-	-
-	-	120 -	-	-
-	-	125 -	-	-
-	-	130 -	-	-
-	-	135 -	-	-
-	-	140 -	-	-
-	-	145 -	-	-
-	-	150 -	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: City of Harrisonburg  
(Riven Rock Park - Well #2)  
DRILLER: Sydnor Pump & Well Company, Inc.  
COUNTY: Rockingham

VDMR #1229  
WWCR #492  
TOTAL DEPTH: 150'

GEOLOGIC LOG

Pocono Formation (0-80')

- 0-10 Sandstone — medium-brown and yellowish-brown; fine- to coarse-grained; minor dark-gray quartzite.
- 15 Sandstone — light-gray, slightly-pink; fine- to coarse-grained; quartz, feldspar, chert, carbonate, clay; siliceous and clay cement; trace magnetite.
- 25 As above — less pink.
- 30 As above.
- 35 As above.
- 40 As above.
- 45 Orthoquartzite — medium-gray, slightly brownish; fine- to coarse-sand; minor muscovite, sericite, feldspar; trace magnetite.
- 50 Sandstone — medium-dark-gray, slightly greenish, in part argillaceous and slightly blue; trace pyrite.
- 55 As above.
- 60 Mud Rock and Sandstone — dark-gray and medium-gray, greenish; fine- to medium-sand; minor pale-yellow, coarse-grained sandstone; mud rock soft and breaks with rounded surface.
- 65 As above.
- 70 Sandy Mud Rock — medium-light-gray; sand fine- to medium grained.
- 75 Mud Rock — medium-gray, brownish-green and bluish; the brownish-green is soft and breaks with a curved fracture; the bluish breaks with an uneven fracture.

Hampshire Formation (80-150')

- 80 Mud Rock — light-olive-gray, mottled with reddish-gray; 50% soft breaks with a curved surface; organic specks; 50% silty with uneven fracture.

OWNER: City of Harrisonburg (Riven Rock Park - Well #2) #1229

- 85 Sandstone — pale-greenish-gray, pale-reddish-gray; fine sand and silt; minor shale.
- 90 Sandstone and Mud Rock — reddish-brown, light-greenish-gray; sandstone fine-grained; traces of pyrite, magnetite, and muscovite.
- 95 Mud Rock — light-gray-green mottled with red-brown; soft, breaks with smooth curved surface; silty portion harder with uneven fracture; trace magnetite and pyrite.
- 100 As above — less silt.
- 105 As above.
- 115 Shale — reddish-brown-gray; minor light-green; hard, very slight fissility.
- 120 Mud Rock — medium-blue-gray, minor red-gray; hard, very slight fissility in part; minor light-gray, medium-grained sandstone.
- 125 As above.
- 130 As above — more mottled with red-gray.
- 135 Mud Rock — medium-dark-reddish-gray and gray-green, slightly fissile in part; green portion soft; red harder, minor brown shaly partings.
- 140 As above.
- 145 As above — more red-gray.
- 150 As above — still redder, harder, more fissile.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-80	Pocono Formation	Mississippian
80-150	Hampshire Formation	Devonian

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
March 1, 1965