INTERVAL SHEET WWCR: 1038

Page 1 of 1

VDMR Well No: 2191

Date rec'd:

5/23/68

Sample Interval: from 0 to: 250'

PROP:

H. L. Pettey (Well #3)

Number of samples: 16

COMP:

Sydnor Hydrodynamics, Inc.

Total Depth: 250

COUNTY:

Albemarle (Ivy)

Oil or Gas: Water: XExploratory:

From-	-To	Fro	om-To	From	- T o	From-To
0 -	20		-	_		-
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65 -			-	-		-
80 -	95 *		- 4	-		
95 -	110		-	-		-
110 -	125 *		-	-		-
125 -	140		_	_		
140 -	155		-	-		* -
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185 -			- s	~		-
205 -			-	-		-
220 -	235		-	-		- *
235 -	250					
233 -	250		-	_		-
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^{*} Unwashed samples only

OWNER: H. L. Pettey (West Locust Hill Farm, Well #3) VDMR: 2191

DRILLER: Sydnor Hydrodynamics, Inc.

WWCR: 1038

COUNTY: Albemarle (Ivy)

TOTAL DEPTH: 250'

GEOLOGIC LOG

Depth in feet	
0-20	Biotite-chlorite schist — gray and tan, iron-oxide stains on many fragments, very fine-grained, foliated, gneissic; biotite, chlorite, feldspar, and quartz
20-35	minor amount of chlorite; more iron-oxide stained
3 5-50	trace of chlorite
50-65	Biotite schist — gray, very fine-grained, foliated, sheared, gneissic; biotite, feldspar, and quartz
65-80	
80-95	П
95-110	II.
110-125	11
125-140	Biotite gneiss — gray, fine-grained, sheared, foliated; feldspar, biotite, quartz, and trace of pink quartz
140-155	11
155-170	" medium-grained; trace of chlorite
170-185	Biotite-chlorite schist — greenish-gray, fine-grained, foliated; biotite, and chlorite, with minor amounts of feldspar and quartz
185-205	Biotite granite — gray, medium-to coarse-grained, non- foliated; feldspar and quartz (white and pink), with minor amount of biotite
205-220	n ·
220-235	11
235-250	Biotite gneiss — gray, medium-to fine-grained, foliated, sheared; feldspar, quartz, and biotite

OWNER: H. L. Pettey (West Locust Hill Farm, Well #3)

#2191

GEOLOGIC SUMMARY

ROCK UNIT

AGE

0-250i

Lovingston Formation

Precambrian

Virginia Division of Mineral Resources Robert G. Willson, Geologist June 5, 1968

RP

Box 3667

COMMONWEALTH OF VIRGINIA

VDMR- 219/ WWER- 1038

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

OFFICE ADDRESS:

McCormick Road

Charlottesville, Virginia

OWNER: H. L. Pettey	Mailing Address: Ivy, Va. 22945
TENANT: West Locust Hill Farm, well#3	
DRILLER: Sydnor Hydrodynamics, Inc.	Mailing Address: P.O.Box 1476, Richmond, Va.
WELL LOCATION: CountyAlbemarle	Approx
Ivyand600	feet north (direction) of Rt. 250
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	WO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 2-20-68	DATE COMPLETED: 2-23-68
TYPE OF DRILL RIG USED: Rotary	TOTAL DEPTHfeet
WATER LEVEL: Stands/2_feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: Method Air lift	HOLE SIZE: 8 3/4 inches from 0 to18 feet
Drawdownfeet	5 inches from 18 to 250 feet
Rate6 gal. per min.	tofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 48 to feet	inches fromtofeet
fromtofeet	tofeet
fromfeet	CASE SIZE: 5 inches from +1 to 18 feet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home X	GROUTING: MethodNone
Farm Town School	Material Depth feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo_X	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes_X No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT I OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED	
16 port plant	

SYDNOR HYDRODYNAMICS, INC. DATE: April 30, 1968 FURNISHED BY:_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETR	REMARKS	
FROM	то	(gravel, clay, etc., hardness, color, e	etc.)	(water, caving, shot, screen, sample, etc.)
0 17 23 48 150	17 23 48 150 250	Clay Gray slate Weathered slate (6 GPM) Gray slate Gray granite		ENANT: West Locust Hill Farm, so, LEP: Sydnor Hydrodynamics, I ELL LOCATION COLOR Albemarie
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(Use additional forms if necessary)