

INTERVAL SHEET

Page 1

VDMR WELL NO. 442

Sample Interval: from 80 to 125

PROP: J. L. Hopkins III

Total Depth \_\_\_\_\_

COMP: Sydnor

Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water X Exploratory \_\_\_\_\_

COUNTY: Rockingham (McGayheysville)

Cuttings X Core \_\_\_\_\_ Other \_\_\_\_\_

From-To

From-To

From-To

From-To

From-To

80 - 103

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103 - 125

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*Sampler Discontinued*

COMMONWEALTH OF VIRGINIA  
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
 DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

186  
 W-442

WATER WELL COMPLETION REPORT

OWNER: John L. Hopkins III Mailing Address: McGaheysville Va  
 TENANT: Dairy Farm / Chicken Ranch Mailing Address: \_\_\_\_\_  
 DRILLER: Edwin Co. - Mitchell - Sydney Mailing Address: Richmond Virginia  
 WELL LOCATION: County Rockingham Approx. \_\_\_\_\_ ft. miles \_\_\_\_\_  
 (direction) of \_\_\_\_\_ and \_\_\_\_\_ miles of \_\_\_\_\_

**WATER CONDITIONS**

DEPTH

STATIC WATER LEVEL 70

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
Cave - ft. <u>108</u>			
Cave - ft. <u>117</u>			

QUANTITY OF WATER

WELL PUMPED (or bailed) at 30 Gal. per Min. with 85 feet DRAWDOWN after \_\_\_\_\_ HOURS PUMPING.

FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)

REMARKS: Water had yellow clay color at end of run to top

QUALITY OF WATER

COLOR \_\_\_\_\_ TASTE \_\_\_\_\_

ODOR \_\_\_\_\_ OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_

WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

At McGaheysville Va south  
 To Big New Dairy Barn and  
 Milk parlor - property owned  
 by Hopkins III

**CONSTRUCTION**

RIG TYPE (or method) \_\_\_\_\_ (rotary, cable, bored, driven, etc...)

DATE: Started \_\_\_\_\_; Completed \_\_\_\_\_

TOTAL DEPTH 125 ft.

BEDROCK at 50 ft.

**GROUTING INFORMATION**

METHOD USED Concrete + water Gravity

GROUTING MATERIAL concrete + water

DEPTH OF GROUTING 70' plus

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_

H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.

**HOLE SIZE**

(diam)	(from)	(to)
<u>9</u> in.	<u>0</u> ft.	<u>81</u> ft.

**CASING SIZE**

(diam)	(from)	(to)
<u>5</u> in.	<u>0</u> ft.	<u>81</u> ft.

**SCREEN (or perforations)**

(diam.)	(from)	(to)	(opening size)
_____ in.	_____ ft.	_____ ft.	_____

REMARKS: Water in mud filled caves - Air lifted 20 hours - to clean out mud

By Jane [Signature]

Log of well (over)



DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: John L. Hopkins III Mailing Address: McGaheysville, Va.  
 TENANT: Dairy Farm Chicken Ranch Mailing Address: \_\_\_\_\_  
 DRILLER: Sydnor 65 - Mitchell Mailing Address: Richmond, Va.  
 WELL LOCATION: County Rockingham Approx. \_\_\_\_\_ ft. miles  
 (direction) of \_\_\_\_\_ and \_\_\_\_\_ ft. miles of \_\_\_\_\_  
 (Give direction and distance in feet or tenths of mile from two reference points—roads, towns, rivers, etc.—on county highway or other map.)

**WATER CONDITIONS**

DEPTH  
 STATIC WATER LEVEL 70  
 WATER ZONES (fissures or formations supplying water)  
 (from) from (to) \_\_\_\_\_  
 ft. 108, 109 ft.  
cave ft. 117, 121 ft.  
cave  
 QUANTITY OF WATER  
 WELL PUMPED (or bailed) at 30 Gal. per Min. with  
85 feet DRAWDOWN after \_\_\_\_\_ HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)  
 REMARKS: water had yellow clay color at  
end of air lift.

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At McGaheysville go south to big new dairy barn and milk parlor - property owned by Hopkins III.

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**QUALITY OF WATER**

COLOR \_\_\_\_\_ TASTE \_\_\_\_\_  
 ODOR \_\_\_\_\_ OTHER \_\_\_\_\_  
 ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No   
 TEMPERATURE \_\_\_\_\_  
 WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

**CONSTRUCTION**

RIG TYPE (or method) \_\_\_\_\_  
 (rotary, cable, bored, driven, etc..)  
 DATE: Started \_\_\_\_\_; Completed \_\_\_\_\_  
 TOTAL DEPTH 125 ft.  
 BEDROCK at 50 ft.

**GROUTING INFORMATION**

METHOD USED Gravity  
 GROUTING MATERIAL Cement and water  
 DEPTH OF GROUTING 70' plus

**HOLE SIZE**

**CASING SIZE**

(diam)	(from)	(to)	(diam)	(from)	(to)
<u>9</u> in.	<u>0</u> ft.	<u>81</u> ft.	<u>5</u> in.	<u>0</u> ft.	<u>81</u> ft.

SCREEN (or perforations)  
 (diam.) (from) (to) (opening size)  
 \_\_\_\_\_ in. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**PUMP (Installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_  
 H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.

REMARKS: Water in mud filled caves - air lifted twenty hours to  
clear out mud.

by Jesse Snyder, Jr.

