



DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Clarence Lutz Mailing Address: Mt Jackson, Va.

TENANT: Mailing Address:

DRILLER: Rig 65 Sydnor Pump & Well Co. Mailing Address: Richmond, Va.

WELL LOCATION: County Shenandoah 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 27'

WATER ZONES (fissures or formations supplying water)

(from) (to) (from) (to)

QUANTITY OF WATER

WELL PUMPED (or bailed) at 12 Gal. per Min. with 4 feet DRAWDOWN after 4 HOURS PUMPING.

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

REMARKS:

QUALITY OF WATER

\*COLOR light yellow TASTE OK

ODOR none OTHER

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE

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

USE OF WATER: Domestic X Town Industry Farm Public

CONSTRUCTION

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

DATE: Started 9-30-60; Completed 9-30-60

TOTAL DEPTH 80' ft.

BEDROCK at 16' ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 20' plus

HOLE SIZE

(diam) in (from) ft (to) ft 9 in 0 ft 20 ft 5 22 80

CASING SIZE

(diam) in (from) ft (to) ft 5 in 0 ft 22 7/8

SCREEN (or perforations)

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

PUMP (installed)

TYPE Cap. (gpm)

H.P. Depth of intake ft.

REMARKS: Samples for Div. of Mineral Resources

FURNISHED BY **Sydnor Pump and Well Co. Inc.**

DATE: **9-20-60**

from drillers Mitchell & Stockner's logs by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	16	Yellow clay	
16	24	Gray limestone	
24	26	Yellow weathered limestone	
26	30	Gray limestone	
30	36	Yellow weathered limestone	water with lots of mud (7-8 gpm)?
36	40	Gray limestone	
40	42	Weathered limestone	
42	43	Gray limestone	
43	45	Gray limestone broken	
45	80	Gray limestone	2-3 gpm
			12-15 gpm after 4 hrs. air testing from 70

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

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

VDMR# 473

OWNER: Clarence Lutz Mailing Address: Mt Jackson, Virginia  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Rig 65 - Sydney Pump and Well Co Inc Mailing Address: Richmond, Virginia  
 WELL LOCATION: County Shenandoah 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 27'  
 WATER ZONES (fissures or formations supplying water)  
 (from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
 \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**QUANTITY OF WATER**  
 WELL PUMPED (or bailed) at 12 Gal. per Min. with \_\_\_\_\_ feet **DRAWDOWN** after 4 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)  
 REMARKS: \_\_\_\_\_

**QUALITY OF WATER**  
 COLOR light yellow w/ clear with pumping TASTE OK  
 ODOR None 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

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Home about .5 miles North of Hawkins town on East side of U.S. Hwy No. 11

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**CONSTRUCTION**

RIG TYPE (or method) Air Rotary  
 (rotary, cable, bored, driven, etc...)  
 DATE: Started 9-30-60 Completed 9-30-60  
 TOTAL DEPTH 80' ft.  
 BEDROCK at 16' ft.

**GROUTING INFORMATION**  
 METHOD USED Gravity  
 GROUTING MATERIAL Cement + Water  
 DEPTH OF GROUTING 20' plus

HOLE SIZE				CASING SIZE			
(diam.)	(from)	(to)	ft.	(diam.)	(from)	(to)	ft.
9	5	0	22'	5"	0	22'	7"
			80'				

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

**PUMP (installed)**

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

REMARKS: Samples for Div. of Min. Resources.

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\_\_\_\_\_

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LOG

FURNISHED BY Sydney Pampans Well Co Inc

DATE: 9-30-60

From Brilleis { Mitchell  
Stachura

Logs

By Jane Mysel

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	16	Yellow clay	
16	24	Gray Limestone	
24	26	Yellow weathered Limestone	
26	30	Gray Limestone	
30	36	Yellow weathered Limestone - water - with lots of mud	
36	40	Gray Limestone	(7-8 GPM ?)
40	42	Weathered Limestone	
42	43	Gray Limestone	
43	45	Gray Limestone Broken	
45	80	Gray Limestone -	2-3 GPM -

12-15 G.P.M. after 4 hrs Air Testing

From 80