

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

WWCR# 199
 VDMR# 558

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Bill V. Neff Mailing Address: Route 3 - Harrisonburg, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: 65 Sydnor Pump and Well Co. Mailing Address: Richmond, Va.
 WELL LOCATION: County Rockingham Approx. 1 ^{1/4} miles
North (on U.S. 11) (direction) of North Junction of By Pass (East side of U.S. 81) 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 *90'
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.
 _____ ft. _____ ft. _____ ft. _____ ft.

See record of about April 1960
 for first part of this well -
 from 0 to 80'

(info copied in the
 remarks below)

QUANTITY OF WATER
 WELL PUMPED (or bailed) at 6 1/2 Gal. per Min. with
 * 238 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) ^W
 REMARKS: _____

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
(rotary, cable, bored, driven, etc..)
 * DATE: Started 11-9-60; Completed 11-10-60
 * TOTAL DEPTH 238 ft.
 BEDROCK at _____ ft.

HOLE SIZE

CASING SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
5 in	0 ft	238 ft	5 in	0 ft	21'5"

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

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL Cement (2 bags)
 DEPTH OF GROUTING 21'5"

PUMP (installed)

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

REMARKS: * well first drilled 4/22-25/60. Later had to be deepened with above results. On 4/25/60 data was
TD 80'
22 gpm w/65' D'd after 2 hrs
Swl 17'

Log of well (over)

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (- gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	2	brown topsoil	
2	10	red clay	
10	18	gray lime	
18	19 1/2	red clay	
19 1/2	22	gray lime	
22	25	cracks - streaks of red clay w/water	
25	57	blue lime	
57	60	seams, cracks w/clay	
60	80	gray lime	
80	118	gray lime	
118	123	gray - broken lime	
123	166	gray lime	
166	170	broken gray lime	
170	184	blue lime	
184	190	blue and white lime broken	
190	238	blue lime	
		80' - 22 gpm	
		148' - 1 gpm	
		184' - 5 1/2 gpm	
		238' - 6 gpm plus	

J. Snyder

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WATER WELL COMPLETION REPORT

OWNER: Bill V. Heff Mailing Address: Route 3 - Harrisonburg, Va
TENANT: _____ Mailing Address: _____
DRILLER: ES - Sydney - Pump & Well Co. 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 * 90'

STATIC WATER LEVEL _____

WATER ZONES (fissures or formations supplying water)

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

ft. _____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 6 Gal. per Min. with

238 feet DRAWDOWN after 2 HOURS PUMPING.

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

REMARKS: _____

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 11-9-60; Completed 11-10-60

TOTAL DEPTH 238' ft.

BEDROCK at _____ ft.

GROUTING INFORMATION

METHOD USED _____

GROUTING MATERIAL Cement (2 bags)

DEPTH OF GROUTING 21' 5"

REMARKS: _____

* Well first drilled 4/22-25/60 - later had to be deepened w/above results
on 4/25/60 data was TD 80'
→ 22 gpm w/63' d.d. after 2 hrs
SWL 17'

N
See Record of about April 1960 for First part of this well - from 0' - to 80'
(info copied in "remarks" below) 3/1/61 RHO
E

HOLE SIZE

(diam) in (from) ft (to) ft

3 0 238

CASING SIZE

(diam) in (from) ft (to) ft

5 0 21' 5"

SCREEN (or perforations)

(diam) (from) (to) (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

LOG

FURNISHED BY _____

DATE: _____

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	2	Brown topsoil	
2	10	Red clay	
10	18	Gray lime	
18	19½	Red clay	
19½	22	Gray lime	
22	25	Cracks - streaks of red clay w/water	
25	57	Blue lime	
57	60	Seams, cracks w/clay	
60	80	Gray lime	
80	118'	Gray lime	
118'	123'	Gray - Broken lime	
123	166	Gray lime	
166	170	Broken Gray lime	
170	184	Blue lime	
184	190	Blue & white lime Broken	
190	238	Blue Lime	
80' - 22 gpm 148' - 1 GPM. 184' - 5½ GPM 238' - 6 GPM <u>plus</u>			