

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

Box 3667, University Station, Charlottesville, Virginia

WWCR 190
VDMR 475

WATER WELL COMPLETION REPORT

OWNER: Nels B. Carlstrom Mailing Address: Route 4, Staunton, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Rig 65, Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta Approx. _____ ft. miles
 (direction) of Verona 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

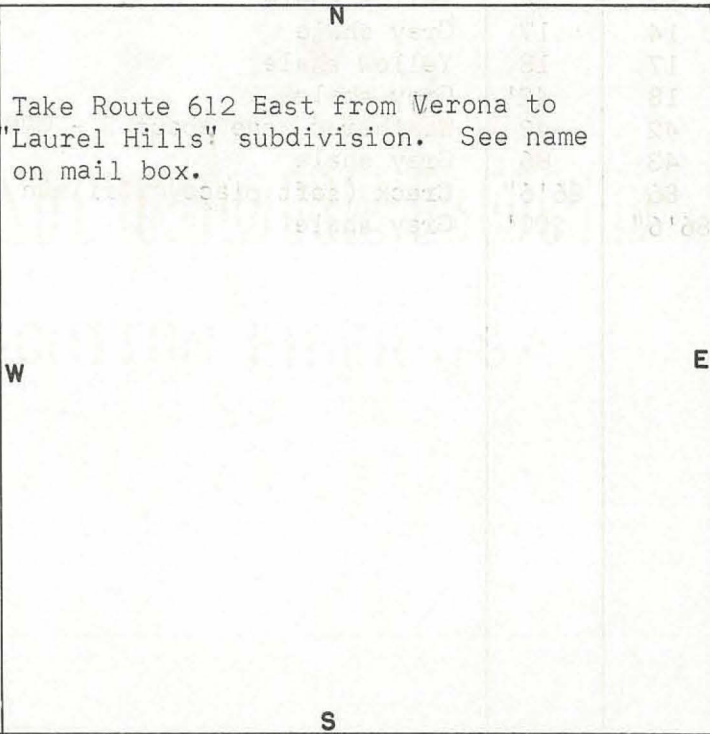
STATIC WATER LEVEL 21'
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
42 ft. 43 ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 1 13/4 Gal. per Min. with
 _____ feet **DRAWDOWN** after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

QUALITY OF WATER

COLOR o.k. TASTE o.k.
 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



CONSTRUCTION

RIG TYPE (or method) _____
(rotary, cable, bored, driven, etc..)
 DATE: Started 9-20-60; Completed 9-20-60
 TOTAL DEPTH 200' ft.
 BEDROCK at 2' ft.

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL cement and water
 DEPTH OF GROUTING 20' (min. F.H.A. const.)

HOLE SIZE

(diam)	(from)	(to)
9 in	0 ft	23 ft
5 in	23 ft	200 ft

CASING SIZE

(diam)	(from)	(to)
5 in	0 ft	24 ft

SCREEN (or perforations)

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

PUMP (installed)

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

REMARKS: Samples for Division of Mineral Resources, Charlottesville, Va.

Log of well (over)

LOG

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: 9-20-60

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	2	Yellow clay	
2	12	Yellow shale	
12	13	Gray lime	
13	14	Yellow shale	
14	17	Gray shale	
17	18	Yellow shale	
18	42'	Gray shale	
42	43	Weathered zone about 2 - GPM	
43	86	Gray shale	
86	86'6"	Crack (soft place) (Drilling)	
86'6"	200'	Gray shale	

keep

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

Box 3667, University Station, Charlottesville, Virginia

UDMR#475

WATER WELL COMPLETION REPORT

OWNER: Hels B. Carlstrom Mailing Address: Route 4 - Staunton Virginia
 TENANT: None Mailing Address: _____
 DRILLER: Big 6.5 Snyder pump and well Co Inc Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta Approx. _____ ft. miles
 (direction) of VERONA 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 21'
 STATIC WATER LEVEL _____
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.
 QUANTITY OF WATER
 WELL PUMPED (or bailed) at 134 Gal. per Min. with
200 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

N
 Take Route 612 East from
 Verona to "~~Chapel~~ Laurel Hills"
 Subdivision. See Name
 on mail Box
 S

QUALITY OF WATER

COLOR ok 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

CONSTRUCTION

RIG TYPE (or method) _____
 (rotary, cable, bored, driven, etc..)
 DATE: Started 9-20-60; Completed 9-20-60
 TOTAL DEPTH 200' ft.
 BEDROCK at 2' ft.

HOLE SIZE			CASING SIZE		
(diam)	(from)	(to)	(diam)	(from)	(to)
9	0	23	5	0	24
5	23	200			

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

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement + Water
 DEPTH OF GROUTING 20' (min. F.H.F.I. Const.)

PUMP (installed)

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

REMARKS: Samples for Division of Mineral Resources Charlottesville

Log of well (over)

FURNISHED BY Sydnor pump well Co Inc

DATE: 9-26-60

Carlstrom

By Jesse Shup

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	2	yellow clay	
2	12	yellow shale	
12	13	gray lime	
13	14	yellow shale	
14	17	gray shale	
17	18	yellow shale	
18	42	gray shale	
42	43	weathered zone about 2-3 in	
43	84	gray shale	
84	86'6"	cracks - (soft place) (Drilling Break - V.H.G. II)	
86'6"	200'	gray shale	