

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

Well #2

DIVISION OF MINERAL RESOURCES

WWCR 494
VDMR 523

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: H. H. Harjes Mailing Address: Box 118, Route 1, Charlottesville, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Albemarle (Carters Bridge) 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 98

WATER ZONES (fissures or formations supplying water)

106 (from) ft. 108 (to) ft. _____ (from) ft. _____ (to) ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 12 Gal. per Min. with 120 feet **DRAWDOWN** after 4 HOURS PUMPING.

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

REMARKS: _____

QUALITY OF WATER

COLOR O.k. TASTE O.K.

ODOR O.K. 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 **S**

CONSTRUCTION

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

DATE: Started 7/24/61; Completed 7-25-61

TOTAL DEPTH 126 ft.

BEDROCK at 10 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement & Water

DEPTH OF GROUTING 30'

HOLE SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
8 3/4 in	0	33'-6" ft	5 in	0	34'-9" ft
5	33	124			

CASING SIZE

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: Mr. McGill of Charlottesville was consulting geologist.

The No. 1 well on Hajes property is some 30 years old, and has a long history of troubles. It is 6" x 6" x 80' 60' static and produces about 10 Gal per hour.

Log of well (over)

LOG

FURNISHED BY Sydnor Pump and well co., Inc.

DATE: 7-25-61

Rig 65- Data from Driller Mitchells Notes by Jene 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	3	Red clay	
3	5	Yellow clay boulders	
5	8	Weathered greenstone	
8	10	Clay & weathered greenstone	
10	31	weathered greenstone	
31	79	Greenstone	
79	106	Gray greenstone	
106	108	Crack weathered zone broken greenstone	water
108	124	greenstone	

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494

Well No 2

WATER WELL COMPLETION REPORT

OWNER: H. H. Harjes Mailing Address: Box 118, Route 1
TENANT: _____ Mailing Address: Charlottesville Virginia
DRILLER: Sydnor Pump and Well Co Inc Mailing Address: Richmond, Virginia
WELL LOCATION: County Albemarle APPROX. CARTER'S BRIDGE 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 98
WATER ZONES (fissures or formations supplying water)
(from) (to) (from) (to)
106 ft. 108 ; _____ ft. _____
ft. _____ ; _____ ft. _____
QUANTITY OF WATER
WELL PUMPED (or bailed) at 12 Gal. per Min. with
120 feet DRAWDOWN after 4 HOURS PUMPING.
FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
REMARKS: _____

Go south on Route ~~20~~ 20
9 miles - Take 708 West
at concrete Bridge to Road
717 - Harjes live at "I sale"
1st house on west side of 717
Well No 2 drilled on North
side of main dwelling about
100' from North side of dwelling

QUALITY OF WATER

COLOR OK TASTE OK
ODOR OK 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) Air Rotary
(rotary, cable, bored, driven, etc.)
DATE: Started 7-24-61; Completed 7-25-61
TOTAL DEPTH 126 ft.
BEDROCK at 10 ft.

HOLE SIZE CASING SIZE
(diam) in (from) ft (to) ft (diam) in (from) ft (to) ft
8 3/4 in 0 ft 33-6 ft 5 in 0 ft 34'-9"
5 in 33 ft 124 ft
SCREEN (or perforations)
(diam) in (from) ft (to) ft (opening size)

GROUTING INFORMATION

METHOD USED Gravity
GROUTING MATERIAL Cement + Water
DEPTH OF GROUTING 30'

PUMP (installed)

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

REMARKS: Mr. McGill of Charlottesville was consulting
Geologist.

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and has a long history of trouble. It is 6" dia x 80'
60' static and produces about 10 gal. per hour.

FURNISHED BY Sydney Pump & Well Co Inc.

DATE: 7-25-61

Rig 65

Data from Driller Mitchell's Notes By Jane Snyder

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FROM	TO		
0	3	Red clay	
3	5	yellow clay Boulders	
5	8	weathered greenstone	
8	10	clay + weathered greenstone	
10	31	weathered greenstone	
31	79	Green stone	
79	106	gray green stone	
106	108	crack weathered zone Broken greenstone - water	
108	124	green stone	
<p>12 gpm at 106' to 108' This water flow came in at 40+ gpm. plus, but the pumping rate slowly dropped to 12 gpm before stabilizing.</p> <p>Suggest pump setting from 110' to 116'</p>			