

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

218
W-548

WATER WELL COMPLETION REPORT

OWNER: Dr Eugene Holley Mailing Address: Churchville Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Syrinx Pump and well Co. Inc Mailing Address: Richmond, Va
 WELL LOCATION: County Hughes Approx. _____ ft. miles
 (direction) of CHURCHVILLE 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 57'
 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 6 Gal. per Min. with
290* feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) ^W

REMARKS: Will clear with permanent pump -

QUALITY OF WATER

COLOR Light muddy 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

N
 Home about 2 miles
 East of Churchville on
 South side of - U.S. Hwy No
 250.
 E

CONSTRUCTION

RIG TYPE (or method) air rotary
 (rotary, cable, bored, driven, etc..)
 DATE: Started 12-23-60; Completed 12-28-60
 TOTAL DEPTH 305' ft.
 BEDROCK at 14 ft.

HOLE SIZE

CASING SIZE

(diam.)	(from)	(to)	(diam.)	(from)	(to)
9	0	42	5	0	43
5	42	305			

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

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & water
 DEPTH OF GROUTING 40 Plus

PUMP (installed)

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

REMARKS: _____
Samples and Log furnished Div of Min. Resources
Charlottesville, Va.
* air outlet.

Log of well (over)

→ see log

Rig No 65

FURNISHED BY Sydney Pump and Well Co Inc DATE: 12-28-60

From Driller Mitchell's Log By Jesse Dwyer 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	Red clay	
16	32	Gray limestone	
32	35	Gray limestone, Broken weathered	
35	80	Gray limestone	
80	100	weathered limestone - yellow and gray	
100	119	Gray limestone	
119	123	weathered limestone yellow & gray	
123	125	Gray limestone	
125	127	weathered limestone yellow & gray	
127	165	Gray limestone with some yellow mixed in	
165	171	weathered limestone yellow	
171	173	- Gray-yellow limestone	
173	233	gray limestone	
233	250	- weathered limestone yellow	
250	260	Gray limestone	
260	268	Gray limestone Hars	
268	280	Gray and yellow weathered limestone	
280	305	Gray limestone	
		100' - 1/2 G.P.M.	
		150' - 2 G.P.M.	
		200' - 3 G.P.M.	
		260' - 5 G.P.M.	
		305' - 6 G.P.M.	
<p>Samples saved for Div. of Min Resources.</p>			

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

Box 3667, University Station, Charlottesville, Virginia

WWCR 218
VDMR 548

WATER WELL COMPLETION REPORT

OWNER: Dr. Eugene Nolley Mailing Address: Churchville, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Va.
 WELL LOCATION: County Augusta Approx. _____ ft. _____ miles
 _____ (direction) of Churchville 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 57'

WATER ZONES (fissures or formations supplying water)
 (from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 6 Gal. per Min. with
290* feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: Will clear with permanent pump

N

Home about 2 miles east of Churchville on south side of U. S. Hwy No. 250

E

QUALITY OF WATER

COLOR Light muddy TASTE O. K.
 ODOR None OTHER _____
 ANALYSIS AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 _____ (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 11-23-60; Completed 12-28-60
 TOTAL DEPTH 305' ft.
 BEDROCK at 16 ft.

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & water
 DEPTH OF GROUTING 40 plus

HOLE SIZE			CASING SIZE		
(diam) in.	(from) ft.	(to) ft.	(diam) in.	(from) ft.	(to) ft.
9	0	42	5	0	43
5	42	305			

SCREEN (or perforations)

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

PUMP (installed)

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

REMARKS: Samples and log furnished Div. of Min. Resources
Charlottesville, Va.

* Air line outlet

Log of well (over)

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 12-28-60

Rig No. 65

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	Red clay	
16	32	Gray limestone	
32	35	Gray limestone, broken weathered	
35	80	Gray limestone	
80	100	Weathered limestone - yellow and gray	WATER CONDITIONS
100	119	Gray limestone	
119	123	Weathered limestone yellow & gray	
123	125	Gray limestone	
125	127	Weathered limestone yellow & gray	
127	165	Gray limestone with some yellow mixed in	
165	171	Weathered limestone yellow	
171	173	Gray-yellow limestone	
173	233	Gray limestone	
233	250	Weathered limestone yellow	
250	260	Gray limestone	
260	268	Gray limestone Hard	
268	280	Gray and yellow weathered limestone	
280	305	Gray limestone	