

WATER WELL COMPLETION REPORT

OWNER: U.S. Forest Service Mailing Address: P.O. Bldg. Harrisonburg
~~XXXXXX Eliz. Furnace Organization Camp~~ Mailing Address: _____
 DRILLER: Valley Drilling Corporation Mailing Address: Clearbrook, Va.
 WELL LOCATION: County: Shenandoah Approx. 1/2 ~~XX~~ miles
North (direction) of Elizabeth Furnace on Rt. 678 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 15'10"

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
<u>30</u> ft.	<u>?</u>		
<u>91</u> ft.	<u>?</u>		

QUANTITY OF WATER

WELL PUMPED (or bailed) at 5 Gal. per Min. with
? feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) 5 G.P.M. HEAD _____ ft. (above ground)

REMARKS: Well pumped by compressed air

QUALITY OF WATER

COLOR Clear TASTE None
 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 Drill
 (rotary, cable, bored, driven, etc...)

DATE: Started 1-11-61; Completed 1-19-61

TOTAL DEPTH 99'10" ft.

BEDROCK at 45' ft.

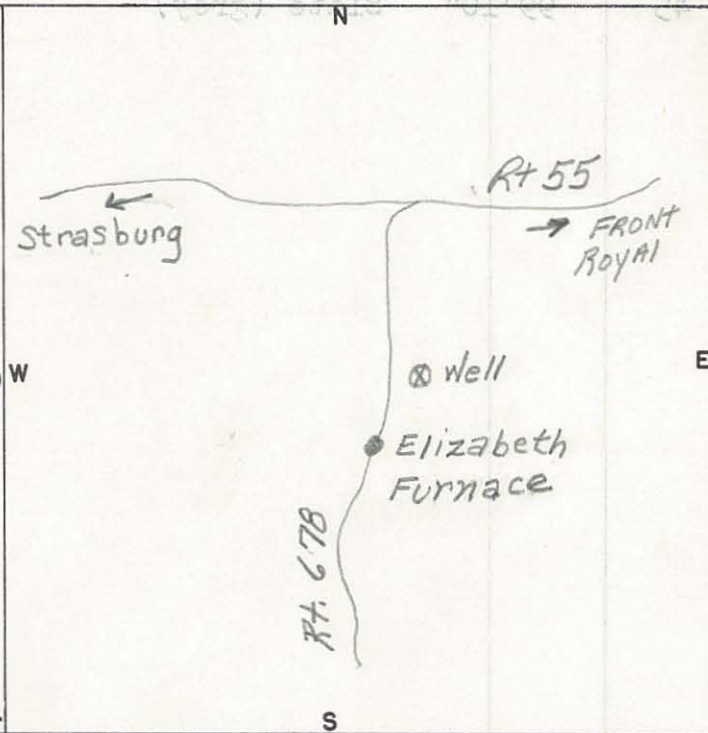
GROUTING INFORMATION

METHOD USED Hand Poured

GROUTING MATERIAL Cement & Water

DEPTH OF GROUTING 50'

REMARKS: Geol. - Orondaga shale (RHD)



HOLE SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
<u>9</u> in.	<u>0</u> ft.	<u>50</u> ft.	<u>6</u> in.	<u>0</u> ft.	<u>50</u> ft.
<u>5</u> in.	<u>50</u> ft.	<u>99'10"</u> ft.			

CASING SIZE

SCREEN (or perforations)
 (diam.) (from) (to) (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

FURNISHED BY

U.S. Forest Service

DATE:

3-13-61

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, casing, shot, screen, sample, etc)
FROM	TO		
0	40	Sand gravel and boulders	Est. 1 gpm at 30' walls unstable and many cave in
45	99'10"	Slate (grey)	Hit first water at 91'

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

Box 3667, University Station, Charlottesville, Virginia

180
 W-546

WATER WELL COMPLETION REPORT

OWNER: U.S. Forest Service Mailing Address: P.O. Bldg. Harrisonburg, Va
 TENANT: Eliz. Furnace Organization Camp Mailing Address: _____
 DRILLER: Valley Drilling Corporation Mailing Address: Clearbrook, Virginia
 WELL LOCATION: County Shenandoah Approx. 1/2 miles
North (direction) of Elizabeth Furnace on Rt 678 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 15'-10"

WATER ZONES (fissures or formations supplying water)

(from) 30 ft. (to) ? ft. (from) _____ ft. (to) _____ ft.
97' ft. (to) ? ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 5 Gal. per Min. with
? feet DRAWDOWN after 2 HOURS PUMPING.

FLOW (natural) 5 G.P.M. HEAD _____ ft. (above ground)

REMARKS: Well pumped by compressed air

QUALITY OF WATER

COLOR Clear TASTE None

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 Drill
 (rotary, cable, bored, driven, etc.)

DATE: Started 1-11-61; Completed 1-19-61

TOTAL DEPTH 99'10" ft.

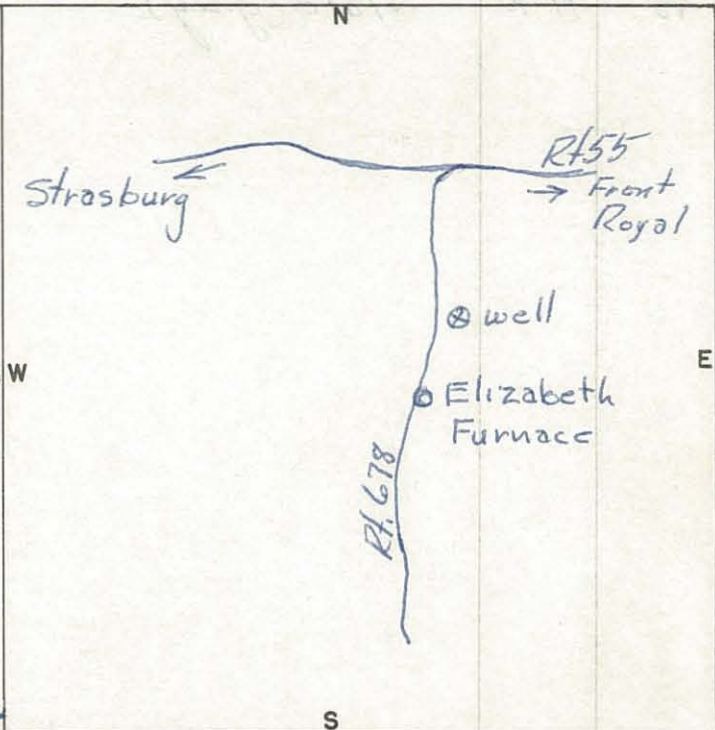
BEDROCK at 45' ft.

GROUTING INFORMATION

METHOD USED Hand Poured

GROUTING MATERIAL Cement & Water

DEPTH OF GROUTING 50'



HOLE SIZE

9" (diam)	in	(from)	0	ft	(to)	50	ft
5	in	(from)	50	ft	(to)	99'10"	ft

CASING SIZE

6" (diam)	in	(from)	0	ft	(to)	50	ft
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SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: steel - sandstone shale (RAR)

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	10	Sand gravel & Boulders	Est 1gpm at 30' wells unstable many Cave in
45	99'-10"	Slate (grey)	Hit first water at 91'ft
		<p>WATER CONDITIONS</p> <p>DEPTH</p> <p>STATIC WATER LEVEL</p> <p>WATER ZONES (pressures or formations supplying water)</p> <p>WELL PUMPED (or baled) of gal per min with</p> <p>feet DRAWDOWN after 2 HOURS PUMPING</p> <p>FLOW (natural) G.P.M. HEAD (ft above ground)</p> <p>REMARKS</p> <p>QUALITY OF WATER</p> <p>COLOR</p> <p>TASTE</p> <p>ODOR</p> <p>OTHER</p> <p>ANALYSIS AVAILABLE - Yes <input type="checkbox"/> No <input type="checkbox"/> ATTACHED Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>TEMPERATURE</p> <p>WATER</p> <p>USE OF WATER: Domestic <input type="checkbox"/> Town <input type="checkbox"/> Industrial <input type="checkbox"/> Farm <input type="checkbox"/> Public <input type="checkbox"/></p> <p>CONSTRUCTION</p> <p>RIG TYPE (or method)</p> <p>DATE: Started 1-11-61; Completed 1-17-61</p> <p>TOTAL DEPTH 99'-10" ft</p> <p>BEDROCK at 45' ft</p> <p>GROUTING INFORMATION</p> <p>METHOD USED</p> <p>GROUTING MATERIAL</p> <p>DEPTH OF GROUTING</p> <p>REMARKS:</p>	
<p>CASING SIZE</p> <p>(ft) (ft) (ft)</p>		<p>HOLE SIZE</p> <p>(ft) (ft) (ft)</p>	
<p>SCREEN (or perforations)</p> <p>(ft) (ft) (ft)</p>		<p>PUMP (installed)</p> <p>TYPE</p> <p>Cap (gpm)</p> <p>Depth of intake</p>	

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