

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
Box 3667, University Sta.
Charlottesville, Virginia

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Jerry G. Covington Mailing Address: Route 1, Ridgeway, Virginia

TENANT: Glen Court Watch Supply Company Mailing Address: _____

DRILLER: Peters Well Drilling Company Mailing Address: 1817 Blair Loop Rd., Danville, Va.

WELL LOCATION: County Henry Approx. 2 ~~0.5~~ miles North (direction) of
Ridgeway and 7 ~~0.5~~ miles South (direction) of Martinsville

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: June 1, 1966 DATE COMPLETED: June 20, 1966

TYPE OF DRILL RIG USED: Cable TOTAL DEPTH 257 feet

WATER LEVEL: Stands 65 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible pump
Drawdown _____ feet
Rate 25 gal. per min.
Duration 10 hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 50 feet
6 inches from 50 to 257 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

GROUTING: Method _____
Material Sand and Cement Depth 50 feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Subdivision

PUMP: Type 3 HP Myers Submersible
Capacity 18 gal. per min
Depth of intake 228 feet

WATER ANALYSIS AVAILABLE: Yes No _____

DRILL CUTTINGS SAVED: Yes No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: _____

OWNER: Glen Court Watch Supply Co.
DRILLER: Peters Well Drilling Co.
COUNTY: Henry (Ridgeway)

VDMR: 1684
WWCR: 171
TOTAL DEPTH: 257'

GEOLOGIC LOG

Depth in feet

0- 50	No samples.
50- 60	Vein quartz — with fragments of biotite-hornblende-plagioclase gneiss.
60- 70	Hornblende gneiss — with biotite, plagioclase, quartz, and some vein quartz.
70- 80	" no vein quartz.
80- 90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	Gneiss — gray; biotite, muscovite granite.
190-200	Hornblende gneiss — with biotite, plagioclase, and quartz.
200-210	"
210-220	"
220-230	"

230-240	Hornblende gneiss — with biotite, plagioclase, and quartz.
240-250	"
250-257	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0- 50	No samples	
50- 60	Quartz vein	Late Paleozoic ?
60-180	Hornblende gneiss	Early Paleozoic
180-190	Mica gneiss	Early Paleozoic
190-257	Hornblende gneiss	Early Paleozoic

NOTE: The gneiss varies in content as follows: feldspar (40-60%), black hornblende (25-40%), biotite (10-25%), quartz (0-15%), muscovite, locally (0-2%), chlorite (0-2%), with traces of garnet, pyrite, and magnetite. All samples have been pulverized by the drill.

Virginia Division of Mineral Resources
Richard S. Good, Geologist
December 18, 1966