

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2959
C-141

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Worley Development Mailing Address: Rt. 3, Rocky Mount, Va. 24151

TENANT: Well # 1 Mailing Address: _____

DRILLER: Kelley Well Drilling Mailing Address: Rt. 8, Box 355, Roanoke, Va. 24014

WELL LOCATION: County Franklin Approx. 1/2 ~~feet~~ ^{miles} 619 South (direction) of
Rocky Mount and 2000 ft. east (direction) of 220

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

DATE STARTED: Sept. 9, 1970 DATE COMPLETED: Sept. 12, 1970

TYPE OF DRILL RIG USED: Air Drill TOTAL DEPTH 248 feet

WATER LEVEL: Stands 30 feet below surface OR
has NATURAL flow of 2 gallons per minute.

YIELD TEST: Method Pump
Drawdown _____ feet
Rate _____ gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 50 feet
8 inches from 50 to 52 feet
6 inches from 52 to 248 feet

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

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

WATER: Color Clear Taste None
Odor None Temp. _____ °F

CASE SIZE: 6 1/4 inches from 0 to 52 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Poured
Material Cement & Water Depth 52 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____
DRILL CUTTINGS SAVED: Yes 19 ~~X~~ No _____

PUMP: Type Submersible 2 H.P.
Capacity 20 gal. per min.
Depth of intake 235 feet

(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: _____

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: C-141
 2959

Date rec'd 11-9-70 Date Processed: 11-10-70

Sample Interval: from 55 to: 245

PROPERTY: Worley Development # 1

Number of samples: 19

COMPANY: Kelley Well Drilling

Total Depth: 248'

COUNTY: Franklin (Rocky Mount)

Oil or Gas: Water:x Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
-	-	-	-
No Samples	-	-	-
-	-	-	-
-	-	-	-
55 - 65	-	-	-
65 - 75	-	-	-
75 - 85	-	-	-
85 - 95	-	-	-
95 - 105	-	-	-
-	-	-	-
105 - 115	-	-	-
115 - 125	-	-	-
125 - 135'	-	-	-
135 - 145	-	-	-
145 - 155	-	-	-
-	-	-	-
155 - 165	-	-	-
165 - 175	-	-	-
175 - 185	-	-	-
185 - 195	-	-	-
195 - 205	-	-	-
-	-	-	-
205 - 215	-	-	-
215 - 225	-	-	-
225 - 235	-	-	-
235 - 245	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

Owner: Worley Development #1
Driller: Kelley Well Drilling
County: (Henry Fork) FRANKLIN COUNTY

VDMR #W-2959
WWCR # 141
Depth 248 ft.

GEOLOGIC LOG

55-65 Fine grained biotite gneiss with minor biotite schist
65-135 Fine grained biotite gneiss
135-155 Fine grained biotite gneiss and minor biotite schist
155-165 Fine grained biotite gneiss
165-175 Fine grained biotite gneiss and minor biotite schist
175-185 Fine grained biotite schist and minor mica gneiss
185-215 Fine grained biotite schist and biotite gneiss
215-225 Fine grained biotite schist
225-235 Fine grained chlorite-biotite gneiss and schist
235-245 Fine grained biotite schist and minor biotite gneiss

Fine grained biotite gneisses grade downward to interlayered
fine grained biotite gneiss ^{FINE GRAINED} schist, and ^{FINE GRAINED} biotite schist.
Mapped as ^{GNEISS} Mica Gneiss with interbedded Mica Schist and Amp-
hibolite Gneiss.