

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2402
C- 34

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

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Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: James Snow #1 Mailing Address: Box 164, Stanardsville, Va.

TENANT: Walters Mailing Address:

DRILLER: Moore Well Drilling, Inc. Mailing Address: Rustburg, Virginia

WELL LOCATION: County Greene Approx. 2 1/2 ~~xxxxx~~ miles north (direction) of
Stanardsville and 300 ~~xxxxx~~ feet west (direction) of St. Rt. 230

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

DATE STARTED: April 7, 1968 DATE COMPLETED: April 8, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 122 feet

WATER LEVEL: Stands 55 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown _____ feet

Rate 4 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home

Farm _____ Town _____ School _____

Industry _____ Other _____

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:

HOLE SIZE: 9 inches from 0 to 36 feet

6 inches from 36 to 122 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: _____ inches from 0 to 36 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

OWNER: James Snow, Well #1
DRILLER: Moore Well Drilling, Inc.
COUNTY: Greene (Stanardsville)

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TOTAL DEPTH- 122'

GEOLOGIC LOG

Depth
in feet

0-36	Saprolite — brown, weathered and iron-oxide stained, fine to coarse grained fragments of quartz, clay, feldspar and dark minerals
36	Sheared gneiss (?) — gray, fine grained; mylonitic; slickensides; feldspar, quartz, biotite and amphiboles (?)
36-97	"
97-105	Sheared gneiss (?) — gray, fine grained; sheared, very slightly foliated; feldspar, quartz and biotite
105-122	Gneiss (?) — light green, fine to medium grained; foliated, sheared; feldspar, epidote, quartz and biotite, with a trace of chlorite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-36'	Saprolite	—
36-122'	Lynchburg Formation (?)	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
January 17, 1969