

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: USA Corps of Eng. - Kerr Project Mailing Address: Boydton, Virginia

TENANT: Eagle Point - loc. 2, Well #1 Mailing Address: Boydton, Virginia

DRILLER: Rankin Williamson Mailing Address: Buffalo Junction, Virginia

WELL LOCATION: County Mecklenburg Approx. 4 ~~feet~~ miles south (direction) of

Boydton and 1/4 ~~feet~~ miles past end (direction) of St. Rd. 705

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

DATE STARTED: 11/7/68 DATE COMPLETED: 11/7/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 102 feet

WATER LEVEL: Stands          feet below surface OR

has NATURAL flow of          gallons per minute.

YIELD TEST: Method air lift

Drawdown          feet

Rate 2 1/2 gal. per min. @ 80' & 102'

Duration 1 hrs., 30 min.

HOLE SIZE: 9 inches from 0 to 47 1/2 feet

6 inches from 47 1/2 to 102 feet

         inches from          to          feet

SCREEN SIZE:          inches from          to          feet

         inches from          to          feet

         inches from          to          feet

WATER ZONES: from 59 to 60 feet

from 65 to 66 feet

from          to          feet

CASE SIZE: 6 1/4 inches from 0 to 47 1/2 feet

         inches from          to          feet

         inches from          to          feet

WATER: Color clear Taste         

Odor none Temp.          °F

WELL TO SUPPLY: (check one) Home         

Farm          Town          School         

Industry          Other recreation area

GROUTING: Method         

Material cement Depth          feet

PUMP: Type         

Capacity          gal. per min

Depth of intake          feet

WATER ANALYSIS AVAILABLE: Yes x No         

DRILL CUTTINGS SAVED: Yes 10 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:

LOG

FURNISHED BY: Rankin Williamson

DATE:

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	9	Red clay	
9	40	Light brown sand	
40	42	Sandstone	
42	102	Granite	

(Use additional forms if necessary)



OWNER: USA Corps of Eng. - Kerr Project  
(Eagle Point - loc. 2, well #1)  
DRILLER: Rankin Williamson  
COUNTY: Mecklenburg (Boydton)

W-2449  
C- 77  
TOTAL DEPTH-102'

GEOLOGIC LOG

Depth  
in feet

0-10	No sample
10-11	Weathered vein quartz — light brown, iron-oxide stains on weathered quartz, sericite and biotite (?) fragments; trace of pyrite and magnetite
20-21	" moderate amount of vein quartz
30-31	Weathered sericite schist — light brown, iron-oxide stained; sericite, quartz and chlorite, with traces of magnetite, pyrite, and vein quartz
40-41	"
50-51	" small amount of pegmatite
60-61	Biotite-sericite schist — dark gray, weathered to grayish-brown; biotite sericite, quartz and feldspar, with small amount of granular vein quartz and trace of magnetite
70-71	Sericite schist — light gray, fine grained; saussuritized feldspar, quartz and sericite, with traces of biotite, pyrite and magnetite
80-81	Chlorite-sericite schist — medium greenish-gray, phyllitic, slightly calcareous; small amount of light gray sericite schist
90-91	" gneissic
100-101	" gneissic; with tourmaline and epidote
101-102	No sample

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(Eagle Point - loc. 2, well #1)

W-2449

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No sample	—
10-21'	Weathered vein quartz	—
30-51'	Weathered sericite schist	—
60-101'	Sericite schist or sheared gneiss	Paleozoic (?)
101-102'	No sample	—

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
February 10, 1969