COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

C. rlottesville, VA 22903 WATER

B 3667

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road Charlottesville, Virginia

WELL COMPLETION REPORT OWNER: USA Corps of Eng. - Kerr Project Mailing Address: Boydton, Virginia Red clay II TENANT: Eagle Point - loc. 2, Well #1 Mailing Address: DRILLER: Rankin Williamson Mailing Address: Buffalo Junction, Virginia XXXXX WELL LOCATION: County Mecklenburg Approx. south __(direction) of miles past end (direction) of St. Rd. 705 $_{\mathsf{and}}$ $_{\mathsf{1/4}}$ Boydton (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 HOLE SIZE: 9 inches from 0 to 47 1/2 feet 6 inches from 47 1/2 102 feet Drawdown _____ feet Rate 2 1/2 gal. per min.@ 801 & 1021 ____inches from _____to ____feet Durgtion 1 hrs. 30 min. SCREEN SIZE:____inches from _____to ____feet WATER ZONES: from 59 to 60 feet _____inches from _____to ____feet from 65 to 66 feet ____inches from _____to____feet CASE SIZE: 6 1/4 inches from 0 to 47 1/2 feet from ______feet WATER: Color_clear____Taste____ ____inches from___to___feet Odor none Temp. _____ °F ____inches from _____to____feet GROUTING: Method _____ WELL TO SUPPLY: (check one) Home _ Material cement Depth feet Farm _____ Town ____ School __ Industry___Other_recreation area PUMP: Туре _____ Capacity_____gal_per min WATER ANALYSIS AVAILABLE: Yes X No _____ Yes 10 No DRILL CUTTINGS SAVED: Depth of intake ____ (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.) R ARKS:

DEP (fee	THEORIGINA	TYPE OF ROCK OR SOIL PENET	RATED REMARKS
ROM	то	(gravel, clay, etc., hardness, color	
0 9 40 42	9 40 42 102	Red clay Light brown sand Sandstone Sands Granite	noentsili W nidnesi 383
6,01	in Rd.	Life (normanin)	Boydion 1/4
ио - з	RIVERS, E		WE DIRECTION AND DISTANCE IN FEET OR MILES FROM TOURTY HISRWAY OR OTHER MAP)
		DATE COMPLETED: 11/7/68	
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9 81 <u> </u>			Odor IIOILE Tamp
		GROUTING Method	LL TO SUPPLY: (check one) Nome
eat		Moterial cerment per	EgrmTownSchool
		PUMP. Typo	industryOther recreation area
ijmi ras	10 g.		TER ANALYSIS AVAILABLE Yes. 2 No
RAIL D			ILL GUTTINGS SAVED: Yet 12 No THE CUTTINGS SHOULD BE COLLECTED AT 10 FOOT PICE EXPRESS COLLECT SAMPLE BAGS ARE FURNISH

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

INTERVAL SHEET

Well Benesiters No. W. 2440

Page 1 of 1 Well Repository No: W-2449

Date rec'd: 2/4/69 Sample Interval: from 10 to: 101'

PROPERTY: USA Corps of Eng. - Kerr Project Number of samples: 10

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

COMPANY: Rankin Williamson Total Depth: 102'

COUNTY: Mecklenburg (Boydton) Oil or Gas: Water:XExploratory:

From-To		То	From-To	From-To	From-To
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70	-	71	·-	-	-
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All intervals have both washed and unwashed samples.

OWNER: USA Corps of Eng. - Kerr Project

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

W-2449 C- 77

TOTAL DEPTH-1021

DRILLER: Rankin Williamson

COUNTY: Mecklenburg (Boydton)

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	ti .		
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		

OWNER: USA Corps of Eng. -- Kerr Project (Eagle Point - loc. 2, well #1)

W-2449

GEOLOGIC SUMMARY

	Rock Unit	Age
0-101	No sample	-
10-21	Weathered vein quartz	-
30-51'	Weathered sericite schist	
60-1011	Sericite schist or sheared gneiss	Paleozoic (?)
101-102'	No sample	

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