

INTERVAL SHEET

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WWCR: 318

VDMR Well No: 2165

Date rec'd: 4/5/68

Sample Interval: from 0 to: 160'

PROP: State Convict Camp #9

Number of samples: 16

COMP: Falwell Well Corp.

Total Depth: 160'

COUNTY: Campbell (Rustburg)

Oil or Gas: Water Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Virginia Division of Corrections
(State Convict Road Force Camp #9)
DRILLER: Falwell Well Corporation
COUNTY: Campbell (Rustburg)

VDMR: 2165
WWCR: 318
TOTAL DEPTH: 160'

GEOLOGIC LOG

Depth in
feet

0-10	Saprolite — reddish-brown, weathered and iron-oxide stained, micaceous; quartz, and clay, mica with minor amounts of feldspar
10-20	"
20-30	"
30-40	" brown; very micaceous, minor amount of quartz
40-50	" "
50-60	" light-brown, less weathered, very micaceous, minor amount of quartz; schistose fragments prevalent
60-70	Mica schist — dark-gray, fine grained, foliated; quartz, biotite, sericite, muscovite, feldspar, chlorite, and vein quartz; a few fragments of iron-oxide-stained schist
70-80	" no iron-oxide staining
80-90	Biotite Gneiss — dark-gray, fine grained, foliated, very micaceous, schistose; quartz, biotite, feldspar, sericite, and vein quartz
90-100	"
100-110	" less micaceous, increased amounts of primary and vein quartz
110-120	Quartz-gneiss - light-gray — fine-grained, foliated; quartz, biotite, feldspar and sericite; these fragments may be from a sheared quartzite
120-130	Amphibolite — very dark-gray to black, fine grained, lineated to foliated; amphiboles, biotite, quartz, and feldspar

OWNER: Virginia Division of Corrections (State Convict Rd. Force Camp #9)

130-140 Quartz-gneiss -- light-gray, fine grained, foliated; quartz,
feldspar, biotite, sericite and amphiboles;
these fragments may be from a sheared quartzite

140-150 "

150-160 "

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-60'	Saprolite	
60-160'	Undifferentiated schist and gneiss	Paleozoic (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
April 8, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR: 2165
WWCR: 318

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Comm. of Va. - Div. of Corrections Mailing Address: Richmond, Va.

TENANT: State Convict Road Force Camp #9 Mailing Address: Rustburg, Virginia

DRILLER: Falwell Well Corporation Mailing Address: P. O. Box 937, Lynchburg, Va.
Well located at Camp #9

WELL LOCATION: County Campbell Approx. 200 ^{feet} ~~miles~~ east (direction) of Farm Eq. Shed and 20 ^{feet} ~~miles~~ from edge of draw which drains thru athletic field. (direction) of athletic field.

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

DATE STARTED: March 26, 1968 DATE COMPLETED: March 28, 1968

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 160 feet

WATER LEVEL: Stands 60 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown 80 feet

Rate 35 gal. per min.

Duration 2 hrs., 0 min.

WATER ZONES: from 85 to 86 feet

from 144 to 145 feet

from _____ to _____ feet

WATER: Color Clear Taste Good

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Institutional
Prison Camp

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes X 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: 10 inches from 0 to 70 feet

6 inches from 70 to 160 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 70 feet

(standard 19.45 lbs. per foot).
_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method Pressure
Cement

Material Water Depth 70 feet

PUMP: Type Submersible 1-1/2 HP 230 Volts
single phase

Capacity 25 gal. per min

Depth of intake 147 feet

LOG

FURNISHED BY: Falwell Well Corporation

DATE: 3/29/68

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	70	dirt and mixed clay	
70	85	gray formation	
85	140	gray formation	
140	145	mixed formation	
145	160	mixed formation	