

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

P 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Wildlife Clubs, Inc. Mailing Address: P.O. Box 631 - Springfield, Va.

TENANT: Lake of the Woods (Tall Pines #2) Mailing Address: Chancellor, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: 1305 Brook Road, Richmond, Va.

WELL LOCATION: County Orange Approx. 100 ^{feet}~~miles~~ east (direction) of
Lakeview Parkway and 150 ^{feet}~~miles~~ northeast (direction) of Monticello Circle

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

DATE STARTED: 12/5/68 DATE COMPLETED: 12/10/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 252 feet

WATER LEVEL: Stands 30 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown 190 feet

Rate 20 gal. per min.

Duration 2 hrs., 0 min.

WATER ZONES: from 68 to 70 feet

from 139 to 140 feet

from 212 to 213 feet

WATER: Color clear Taste _____

Odor none Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes 13 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 3/4 inches from 0 to 62 feet

6 1/2 inches from 62 to 252 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 7 OD inches from +2 to 62 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method pressure

Material cement & water Depth 62 feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 12/16/68

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	1	Topsoil	
1	55	Yellow clay	
55	80	Soft greenstone	water 5 gpm (68-70)
80	139	Greenstone	
139	140	Soft greenstone	water 12 gpm
140	212	Greenstone	
212	213	Soft greenstone	water 20 gpm
213	252	Greenstone	

OWNER: Virginia Wildlife Clubs, Inc.
(Lake of the Woods, Tall Pines #2)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Orange (Locust Grove)

W-2410
C- 94
TOTAL DEPTH - 252'

GEOLOGIC LOG

Depth
in feet

0-72	Mica schist — weathered, light tan; milky quartz, saussuritized feldspar, sericite, muscovite, and limonite pseudomorphs of pyrite
72-87	" with a few unweathered fragments
87-102	Chlorite-muscovite schist — greenish-gray, slightly calcareous, epidotized; quartz, saussuritized feldspar, chlorite, muscovite, and trace of pyrite
102-117	"
117-132	"
132-147	"
147-162	"
162-177	" with some dark greenish-gray, phyllitic
177-192	"
192-207	" with small amount of vein calcite
207-222	"
222-237	"
237-252	"

GEOLOGIC SUMMARY

Rock Unit

Age

Lynchburg Formation (?)

Precambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 23, 1969