

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W- 5385
C- 89

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Roshaw, Inc. (Five Lakes #3) Mailing Address: Quinton, VA. 23141

TENANT: _____ Mailing Address: _____

DRILLER: W. H. Gammon Mailing Address: Rt. 2 Box 125
Providence Forge, VA. 23140

WELL LOCATION: County New Kent Approx. 1 ^{1/4} miles S (direction) of
Interstate 64 and 1 ^{1/4} miles N (direction) of Rt. #60

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

DATE STARTED: 4-28-76 DATE COMPLETED: 5-7-76

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 295 feet

WATER LEVEL: Stands _____ feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method 55 Gal. Drum
Drawdown 60 feet
Rate 100 gal. per min.
Duration 48 hrs., _____ min.

HOLE SIZE: 12 inches from 0 to 295 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: 6 inches from 275 to 295 feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 275 feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Subdivision

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes X No _____

PUMP: Type _____
Capacity _____ gal. per min.

DRILL CUTTINGS SAVED: Yes X No _____

Depth of intake _____ feet

(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.)

MARKS: _____

LOG

FURNISHED BY: _____ 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	27	Red, orange, white clay, some gravel	
27	47	White, orange clay, gravel & sand	
47	68	Blue mud, sand & shells	
68	88	Blue mud & shells	
88	109	Blue mud, shells & sand	
109	129	Shells, gray mud, some black sand	
129	150	Shells, black sand, black mud	
150	171	Shells, gray mud & sand	
171	191	Gray mud, shells, blue mud & red mud	
191	212	Gray mud, sand & shells, red mud	
212	233	Gray mud, shells & sand	
233	252	Gray mud, sand clay & green mud	
252	274	Green mud, sand clay water sand 260'	
274	295	Water sand, mud 289'	

(Use additional forms if necessary)

Owner: Roshaw (5 Lakes)
Driller: W. H. Gammon
County: New Kent

W# 5385
C# 89
Total Depth: 295'
Quad: Roxbury
Elev: 80'

Depth
(feet)

WELL LOG

- 0-20 Sand - Grayish orange (10yr 7/4); medium to pebble, subangular and rounded, poorly sorted; 2% fine phosphatic fragments.
- 20-40 Sand, Shelly - Light and dark gray; 50% shell fragments; medium and granule, subangular and rounded, poorly sorted; iron oxide fragments and hematite; phosphate fragments.
- 40-60 Sand - Light olive gray (5y 5/2); abundant clay; medium, subangular, well sorted; 30% shell fragments; iron/phosphate fragments; garnet.
- 60-100 ^{Sand-} Light and dark gray; moderate clay; very fine to pebble, subangular and rounded, poorly sorted; 40% shell fragments; 3% phosphate fragments; iron oxide fragments; large black nodules; wood/bone fragment; garnet.
- 100-120 Gravel, Shell - Mixed Colors; *sparse clay; fine to very coarse, subangular and rounded, poorly sorted; *50% large shell fragments; 5% large black phosphate (?) nodules and 30% fine mixed black and green glauconite; echinoderm spines.
- 120-160 Sand, Glauconitic - Olive gray (5y 4/1); 50% fine dark green glauconite; abundant fine clay; fine to coarse, subangular, well sorted; 10%+ shell fragments, (mud flat gastropods); large black nodules; ostracods; bone fragment; forams; mica.
- 160-200 Sand - Light and dark brown; abundant clay in light brown, gray, yellow and white; in large clasts and loose; fine to very coarse with some small pebbles, subrounded and rounded, poorly sorted; 50% glauconite, fine and dark green; rare shell fragments; forams; ostracod.
- 200-220 Sand, Glauconitic - Olive gray (5y 4/1); 60+(?)% glauconite, fine and dark green; abundant clay; fine, subangular, well sorted; 5% very fine shell fragments; forams; ~~forams~~ ostracods; iron nodules; pyrite; mica; garnet.
- 220-240 Sand - Light and dark gray; 50% glauconite; very sparse clay; medium and very coarse to granule, subangular and rounded, moderate sorting; sparse shell fragments; garnet.
- 240-280 Sand - Light olive gray (5y 6/1); medium to granule, subrounded to rounded, moderate sorting; few glauconite; shark tooth; feldspar; garnet. Very sparse clay at 260-280' and subangular grains of sand also.
- 280-295 No Sample.

Logged by: J. K. Polzin
Sept. 19, 1980