

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3753
C#: 162

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: Brunk Mech. Enterprise Mailing Address: Kristiansand, VA.

TENANT: _____ Mailing Address: _____

DRILLER: R.L. Magette Company Mailing Address: Smithfield, VA.

WELL LOCATION: County James City Approx. _____ feet miles _____ (direction) of _____
and _____ feet miles _____ (direction) of _____

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

DATE STARTED: 10/17/72 DATE COMPLETED: 11/9/72

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH ≠ 300 feet

WATER LEVEL: Stands 105 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown 20 feet

Rate 100 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from 260 to 280 feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry XX Other _____

WATER ANALYSIS AVAILABLE: Yes _____ No XX

DRILL CUTTINGS SAVED: Yes XX 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 plugged at 280'

HOLE SIZE: 12 1/4 inches from 0 to 50 feet

9 1/4 inches from 50 to 300 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 6 inches from 260 to 280 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from +1 to 260 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material Cement Depth 50 feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

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INTERVAL SHEET

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Well Repository No: W#: 3753
 C#: 162
 Sample Interval: from: to:
 0 280

Date rec'd: 1/16/73 Date Processed: 5/17/73

PROPERTY: Brunk Mech. Enterprise

Number of samples: 14

COMPANY: R.L. Magette Co.

Total Depth: 280'

COUNTY: James City
 (Kristiansand)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 40	-	-	-
40 - 60	-	-	-
60 - 80	-	-	-
80 - 100	-	-	-
100 - 20	-	-	-
20 - 40	-	-	-
40 - 60	-	-	-
60 - 80	-	-	-
80 - 200	-	-	-
200 - 20	-	-	-
20 - 40	-	-	-
40 - 80	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed only.

OWNER: Brunk Mech. Enterprises
DRILLER: R.L. Magette
COUNTY: James City

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TOTAL DEPTH: 280
QUAD: Gressitt

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 Sand, tan; minor silt and clay; medium; moderate sorting; subrounded; trace of glauconite; few shell fragments.
- 10 - 20 Sand, tan; minor silt and clay; medium; moderate sorting; subrounded, trace of glauconite; few shell fragments.
- 20 - 40 Sand, brownish tan; minor silt and clay; medium; moderate sorting; subrounded; trace of glauconite; few shell fragments.
- 40 - 60 Sand, brownish tan; minor silt; medium; moderate sorting; subrounded; trace of glauconite; Siphogenerina; abundant shell fragments; spines, small gastropod.
- 60 - 80 Sand, light brownish tan; minor silt; fine; moderate sorting; subrounded; trace of glauconite; Robulus, Cerastoderma?; abundant large shell fragments.
- 80 - 100 Sand, cream; minor silt and clay; fine; moderate sorting; subrounded; trace of glauconite; abundant large shell fragments. 1
- 100 - 120 Sand, cream; minor silt and clay; fine; moderate sorting; subrounded; trace of glauconite; abundant large shell fragments, spines.
- 120 - 140 Sand, cream; minor silt and clay; fine; moderate sorting; subrounded; trace of glauconite; Chesapectin fragments ? ; predominantly large shell fragments.
- 140 - 160 Sand, greenish gray; minor silt; fine; moderately well sorted; subrounded; 20% glauconite; some shell fragments and spines.
- 160 - 180 Sand, greenish gray; minor silt and clay; fine; moderate sorting; subrounded; 20% glauconite; some shell fragments and spines.
- 180 - 200 Sand, greenish gray; minor silt; fine; moderate sorting; subrounded; 20% glauconite; Astarte; abundant shell fragments.
- 200 - 220 Sand, greenish gray; minor silt; fine; moderate sorting; subrounded; 10% glauconite; few shell fragments; 1cm. rounded clasts of orange, clayey, silty sand.
- 220 - 240 Sand, gray; minor silt; medium; moderate to poor sorting; subangular to subrounded; trace of glauconite. Abundant coarse shell fragments; pyrite.

OWNER: Brunk Mech. Enterprises

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Depth
(feet)

240 - 280 Sand, gray; minor silt; coarse; moderately well sorted, subangular;
trace of glauconite; predominantly coarse shell fragments; pyrite.

VIRGINIA DIVISION OF MINERAL RESOURCES
C.R. Berquist
May 17, 1978