

OWNER: Jack Sims (SIMCO)  
(Mechunk Acres #1)  
DRILLER: C. R. Moore Well Drilling Co.  
COUNTY: Albemarle (Boyd Tavern)

VDMR: 2010  
WWCR: 1027  
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

|         |  |
|---------|--|
| 0-50    | No samples   |
| 50      | Talc-phyllite - very light-gray, aphanitic, cryptocrystalline, soft, fissile; talc and sericite  |
| 50-60   | "  |
| 60-70   | "  |
| 70-80   | Chlorititic phyllite - greenish-gray, aphanitic, cryptocrystalline to slightly microcrystalline, poorly-fissile to fissile; chlorite, feldspar and vein quartz   |
| 80-90   | "  |
| 90-100  | "  |
| 100-110 | "  |
| 110-120 | "  |
| 120-130 | "  |
| 130-140 | "  |
| 140-150 | Talc-phyllite - very light-gray, aphanitic, cryptocrystalline, soft, fissile; talc and sericite  |
| 150-160 | "  |
| 160-170 | Chlorititic phyllite - greenish-gray; aphanitic, microcrystalline to cryptocrystalline, poorly-fissile to moderately-fissile, slickensides; chlorite, feldspar, quartz, and vein quartz; probably a phyllonite |
| 170-180 | "  |
| 180-190 | "  |
| 190-200 | "  |

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(Mechunk Acres #1)

#2010

- 200-210 Chloritic phyllite - greenish-gray; aphanitic, microcrystalline to cryptocrystalline, poorly-fissile to moderately-fissile, slickensides; chlorite, feldspar, quartz, and vein quartz; probably a phyllonite; more vein quartz and slickensides
- 210-220 "
- 220-230 Chloritic phyllite - greenish-gray; aphanitic, microcrystalline to cryptocrystalline, poorly-fissile to moderately-fissile, slickensides; chlorite, feldspar, quartz, and vein quartz; probably a phyllonite
- 230-240 " with a large amount of talc-phyllite
- 240-250 "
- 250-260 "
- 260-270 "
- 270-280 "
- 280-290 "
- 290-300 "

GEOLOGIC SUMMARY

|         | <u>Rock Unit</u> | <u>Age</u> |
|---------|------------------|------------|
| 0-50'   | No Samples       |            |
| 50-300' | Evington Group   | Cambrian   |

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 6, 1967

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2010  
WWCR -1027

MAILING ADDRESS:  
P.O. 3667  
Charlottesville, VA 22903

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

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: Jack Sims (SIMCO) Mailing Address: Route 29 North, Charlottesville

TENANT: Mechunk Acres #1 Mailing Address: Boyd Tavern, Va.

DRILLER: C. R. Moore Well Drilling Co. Mailing Address: Charlottesville, Va.

WELL LOCATION: County Albemarle Approx. 1/2 <sup>feet</sup>/<sub>miles</sub> east (direction) of  
St. Rd. 616 and 1 <sup>feet</sup>/<sub>miles</sub> north (direction) of Boyd Tavern

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

DATE STARTED: September 27, 1967 DATE COMPLETED: September 30, 1967

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 300 feet

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

YIELD TEST: Method \_\_\_\_\_  
Drawdown \_\_\_\_\_ feet  
Rate none gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 10 inches from 0 to 60 feet  
6 1/4 inches from 60 to 300 feet

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 6 1/4 inches from 0 to 60 feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No X

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.)

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# LOG

FURNISHED BY: L. L. M.

DATE: September 30, 1967

| DEPTH<br>(feet) |     | TYPE OF ROCK OR SOIL PENETRATED<br>(gravel, clay, etc., hardness, color, etc.) | REMARKS<br>(water, caving, shot, screen, sample, etc.) |
|-----------------|-----|--|--|
| FROM            | TO  |  |  |
| 0               | 70  | Brown, soft  |  |
| 70              | 230 | Light-green, medium-soft   |  |
| 230             | 240 | Light-tan, soft  |  |
| 240             | 270 | Light-blue, soft   |  |
| 270             | 280 | Light-green, medium-soft   |  |
| 280-300         |     | Light-blue, soft   |  |
|                 |     |  |  |

(Use additional forms if necessary)

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 2010

Date rec'd: 10/5/67

Sample Interval: from 50' to: 300'

PROP: Jack Sims (Mechunk Acres #1)

Number of samples: 26

COMP: C. R. Moore Well Drilling Co.

Total Depth: 300'

COUNTY: Albemarle (Boyd Tavern)

Oil or Gas: Water~~X~~ Exploratory:

| From-To   | From-To | From-To | From-To |
|-----------|---------|---------|---------|
| No sample | -       | -       | -       |
| 50 -      | -       | -       | -       |
| 50 - 60   | -       | -       | -       |
| 60 - 70   | -       | -       | -       |
| 70 - 80   | -       | -       | -       |
| 80 - 90   | -       | -       | -       |
| 90 - 100  | -       | -       | -       |
| 100 - 110 | -       | -       | -       |
| 110 - 120 | -       | -       | -       |
| 120 - 130 | -       | -       | -       |
| 130 - 140 | -       | -       | -       |
| 140 - 150 | -       | -       | -       |
| 150 - 160 | -       | -       | -       |
| 160 - 170 | -       | -       | -       |
| 170 - 180 | -       | -       | -       |
| 180 - 190 | -       | -       | -       |
| 190 - 200 | -       | -       | -       |
| 200 - 210 | -       | -       | -       |
| 210 - 220 | -       | -       | -       |
| 220 - 230 | -       | -       | -       |
| 230 - 240 | -       | -       | -       |
| 240 - 250 | -       | -       | -       |
| 250 - 258 | -       | -       | -       |
| -         | -       | -       | -       |
| 260 - 270 | -       | -       | -       |
| 270 - 280 | -       | -       | -       |
| 280 - 290 | -       | -       | -       |
| 290 - 300 | -       | -       | -       |
| -         | -       | -       | -       |
| -         | -       | -       | -       |

All intervals have both washed and unwashed samples