Pare 1 of 1

VDMR Well No: 2112

Date rec'd: 2/19/68

Sample Interval: from 01 to: 2851

PROP: Va. Wildlife

Va. Wildlife Clubs (Lake of Woods- Number of samples: 19

Tara Div. Well #1)

COMP: Sydnor Hydrodynamics, Inc. Total Depth: 285¹

COUNTY: Orange (Locust Grove) Oil or Gas: Water: X Exploratory:

| From | m-To | Fr | om-To | From- | -To | From-To |
|------|-------|----|----------------|--------------------------|-----|--------------------|
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| 0 | | | - - | e de la constitución e e | | |
| 15 | | | - | - | | * 2 |
| 30 | | | - | | | - |
| 45 | | | - | - | | - |
| 60 | - 75 | | - | - | | |
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| 75 | | | _ | - | | _ |
| 90 | | | | | | |
| 105 | - 120 | | _ | ~ | | |
| 120 | - 135 | | - | - | | - |
| 135 | - 150 | | - | _ 120 | | a - , , a - |
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| 150 | - 165 | | _ | _ | | <u>.</u> |
| 165 | - 180 | | _ | . = | | _ |
| 180 | | | 1 2 | ~ | | _ 700 |
| 195 | | | _ | _ | | _ |
| 210 | | | - | _ | | _ ** |
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| 225 | - 240 | | | _ | | 2 |
| 240 | | | _ | _ | | |
| 255 | | | | | | |
| 270 | | | _ | _ | | |
| 210 | - 203 | | | - | | - |
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OWNER: Va. Wildlife Clubs (Lake of Woods - VDMR: 2112

Tara Division, Well #1) WWCR: 84

DRILLER: Sydnor Hydrodynamics, Inc. TOTAL DEPTH: 285t

COUNTY: Orange (Locust Grove)

GEOLOGIC LOG

| Depth in feet | |
|---------------|--|
| 0-15 | Saprolite - red, phyllitic, micaceous |
| 15-30 | Saprolite - brownish-orange; fragments of vein quartz, manganese nodules, and minor amount of light-gray phyllite |
| 30-45 | 11 |
| 45-60 | " yellowish-brown |
| 60-75 | Mica schist - dark brownish-green, weathered; quartz, sericite and chlorite |
| 75-90 | Chlorite phyllite — dark-green, pyritic; quartz, sericite, chlorite, and minor epidote (may be altered greenstone) |
| 90-105 | Quartz-chlorite-sericite schist — medium greenish- gray to brownish-gray; pyrite and vein quartz |
| 105-120 | Quartz-chlorite schist — light greenish-gray, knotted; sericite, feldspar, minor pyrite, and vein quartz |
| 120-135 | Quartz-chlorite schist and chlorite phyllite — medium greenish-gray; vein quartz and tourmaline |
| 135-150 | partially weathered |
| 150-165 | Vein quartz - very light-gray; with fragments of chlorite schist |
| 165-180 | Chlorite phyllite — dark-green; quartz, chlorite, sericite, minor pyrite and magnetite |
| 180-195 | Quartz-chlorite schist — light-green, quartz, chlorite, sericite, minor pyrite, vein quartz, and magnetite |
| 195-210 | 11 |

| OWNER: Va. Wildlife Clubs (Lake of Woods-Tara Division, Well #1) | | | | |
|--|----|---|--|--|
| 210-225 | | chist — light-green, quartz, chlorite, minor pyrite, vein quartz, and magnetite | | |
| 225-240 | 11 | with limonite concretions | | |
| 240-255 | 11 | 11 | | |
| 255-270 | tt | 11 | | |
| 270-285 | 11 | calcareous | | |

GEOLOGIC SUMMARY

ROCK UNIT AGE

Evington Group Cambrian

Virginia Division of Mineral Resources T. M. Gathright, Geologist March 1, 1968

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

ember 1967 MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

B 3667 C. lottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

VDMR: 2112

WWCR: 84

| Control of the Contro | |
|--|--|
| OWNER: Virginia Wildlife Clubs, Inc. | Mailing Address: Box 631 - Springfield, Virginia |
| TENANT: Lake of the Woods-Tara Div., Well #1 | Mailing Address Chancellor, Virginia |
| DRILLER: Sydnor Hydrodynamics, Inc. | Mailing Address: Box 1476 - Richmond, Virginia |
| WELL LOCATION: County Orange (Locust Grove) | Approx. 300 miles south (direction) of |
| Birchside Circle and 900 | feet west (direction) of Lakeview Parkwa |
| (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO COUNTY HIGHWAY OR OTHER MAP.) | VO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON |
| DATE STARTED: 29 November 1967 | DATE COMPLETED: 6 December 1967 |
| TYPE OF DRILL RIG USED: Rotary | No. 65 TOTAL DEPTH 285 feet |
| WATER LEVEL: Stands 41'8'' feet below | surface <u>OR</u> |
| has <u>NATURAL</u> flow of | gallons per minute. |
| YIELD TEST: Method Submersible | HOLE SIZE:8 3/4 inches from 0 to 74 feet |
| Drawdown feet | 5inches from 74_to 285_feet |
| Rate 55 gal. per min. | inches fromtofeet |
| Duration 8 hrs., min. | SCREEN SIZE:inches fromtofeet |
| WATER ZONES: from 92 to 93 feet 95 | inches fromtofeet |
| from 103 to 104 feet 130 | inches fromtofeet |
| from 200 to 201 feet | CASE SIZE: 5 inches from $0+2$ to 74 feet |
| WATER: ColorTaste | inches fromtofeet |
| OdorTemp°F | inches fromtofeet |
| WELL TO SUPPLY: (check one) Home | GROUTING: Method Pressure Cement & |
| Farm Town School | Material <u>Water</u> Depth 74 feet |
| IndustryOther_Subdivision | PUMP: Type |
| WATER ANALYSIS AVAILABLE: YesNo | Capacitygal. per min |
| DRILL CUTTINGS SAVED: Yes X No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT IN OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE | |
| F ARKS: | |
| | |
| | |

COMMONWEALTHOOGF VIRGINIA

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 21 December 1967 3667

| ninignDEPTH/settolnum | | TYPE OF ROCK OR SOIL PENETR | REMARKS | | |
|-----------------------|------------|---|-------------|--|--|
| FROM | TO bl | (gravel, clay, etc., hardness, color, e | etc.) | (water, caving, shot, screen, sample, etc.) | |
| 0 1:ini 70 | | Rediclay 7711 xod garaba paillon | eathered ro | TENANT: Lake of the Woods-Tara DAN LER: Sydnor Hydrodynamics, WELL LOCATION: County Orange (Lo | |
| Parkw | skeview | test west (direction) of | 000 bas | Birchside Circle | |
| NO - 31 | HIVERS, ET | TWO REFERENCE POINTS - ROADS, TOWNS, | MILES FROM | (GETE DIRECTION AND DISTANCE IN FEET OR COUNTY MICHWAY OR OTHER MAR) | |
| | 1967 | DATE COMPLETED: 6 December | 7. | DATE STARTED: 29 November 191 | |
| feet | 285 | No. 65 TOTAL DEPTH | ату | TYPE OF DRILL RIG USED RO | |
| | | surface OR | whiled tes | WATER LEVEL: Stands 41!8" | |
| | | gallons per minute | _to_weit_j | hos NATURA | |
| 1961 | 272 | HOLE SIZE:8 3/4 inches from | | YIELD TEST Method Submersible | |
| 1931 <u>d</u> | 85 01 1 | 5mches from 2 | tes | Drawdown f | |
| 1991 | to | inches from | si. | Rate 55 gal par m | |
| (99) | 01 | SCREEN SIZEnobes trom | n) | nn ard8nortang | |
| 1000 | 01. | mon, asdani | 93 teet | | |
| t., at | o1 | inches from | 104 test | 95 from 103 129 | |
| teet. | + 2 10 | CASE SIZE 5 mones from 0 | 201feet | | |
| 1997 | o l | inones from | | WATER: ColorTaste | |
| 1991 | et | mort setani | Jo | Odor Temp. | |
| | | GROUTING Method Pressure | | WELL TO SUPPLY: (check one) Home - | |
| (96)3 | 7 | Moterial Water Dep | | FormTownSchool | |
| | | PUMP. Type | ion | industry Other Subdivi | |
| nun isg | ioų | Copocity | 011 | WATER ANALYSIS AVAILABLE:Yes | |
| test. | л паччых | | 71263 OF 1A | DRILL CUTTINGS SAVED. 105_X [DRILL CUTTINGS SHOULD BE COLLECTED OFFICE EXPRESS COLLECT SAMPLE BAGS | |
| | | | | The second secon | |
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