

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

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JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Justus Showalter Mailing Address: Rt. 1, Dayton, Virginia

TENANT: _____ Mailing Address: _____

DRILLER: George F. Burner, Well Drilling Mailing Address: McGaheysville, Virginia

WELL LOCATION: County Rockingham Approx. 1/2 ~~xxx~~ miles south (direction) of
Dayton, Virginia and 600 ~~xxx~~ ^{feet} west (direction) of St. Rt. 42

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

DATE STARTED: Jan. 22, 1969 DATE COMPLETED: Jan. 23, 1969

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 127 feet

WATER LEVEL: Stands 40 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 7 1/2 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 63 feet
6 1/8 inches from 63 to 127 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 94 to 96 feet
from 102 to 105 feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color clear Taste _____
Odor none Temp. _____ °F

CASE SIZE: 6 1/4 inches from 0 to 63 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material cement & H₂O Depth 63 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

PUMP: Type 1/2 H. P. Webtrol Submersible
(8-stage)
Capacity 10 gal. per min
Depth of intake 120 feet

DRILL CUTTINGS SAVED: Yes 11 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: _____

LOG

FURNISHED BY: George F. Burner, Well Drilling

DATE: January 24, 1969

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	48	Reddish clay	
48	127	Black slate	

(Use additional forms if necessary)

OWNER: Justus Showalter
DRILLER: George P. Burner, Well Drilling
COUNTY: Rockingham (Dayton)

W-2427
C- 590
TOTAL DEPTH- 127'

GEOLOGIC LOG

Depth
in feet

0-10	Clay — red-brown, sandy; with fragments of dark gray limestone
10-20	"
20-30	"
30-40	" very light reddish-tan clay
40-50	"
50-60	Limestone — very dark gray to black, very fine grained, slightly fissile; carbonaceous, argillaceous
60-70	" very argillaceous
70-80	No sample
80-90	Shale — very dark gray to black, very fissile; carbonaceous, very calcareous
90-100	"
100-110	No sample
110-120	Shale — very dark gray to black, very fissile; carbonaceous, very calcareous
120-127	" with small amount of vein calcite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50'	Overburden	—
50-127'	Edinburg Formation	Middle Ordovician

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 28, 1969