## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

## DIVISION OF MINERAL RESOURCES

B 3667 JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

lottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia OWNER: Justus Showalter Mailing Address: Rt. 1, Dayton, Virginia \_\_\_\_\_ Mailing Address:\_\_\_\_ TENANT: \_\_\_\_\_ DRILLER: George F. Burner, Well Drilling Mailing Address: McGaheysville, Virginia WELL LOCATION: County Rockingham Approx 1/2 seek south (direction) of feet west (direction) of St. Rt. 42 Dayton, Virginia and 600 (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 Stands 40 feet below surface OR WATER LEVEL: has NATURAL flow of\_\_\_\_\_gallons per minute. YIELD TEST: Method air lift HOLE SIZE: 10 inches from 0 to 63 feet 6 1/8 inches from 63 to 127 feet Drawdown \_\_\_\_\_ feet Rate 7 1/2 gal. per min. \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet Duration\_\_\_\_hrs.,\_\_\_min. SCREEN SIZE:\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet WATER ZONES: from 94 to 96 feet \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet from 102 to 105 feet inches from \_\_\_\_\_to\_\_ CASE SIZE: 6 1/4 inches from 0 to 63 feet from \_\_\_\_\_feet WATER: Color\_\_\_clear\_\_\_\_Toste\_\_\_\_ \_\_\_\_inches from\_\_\_\_to\_\_\_\_feet Odor none Temp. \_\_\_\_\_\_\_ °F \_\_\_\_inches from \_\_\_\_\_to\_\_\_\_feet GROUTING: Method \_\_\_\_\_ WELL TO SUPPLY: (check one) Home \_ Material cement & H2O Depth 63 feet Farm X Town School Type 1/2 H. P. Webtrol Submersible PUMP: Industry\_\_\_\_Other\_\_\_\_ (8-stage) Capacity\_\_\_\_\_\_10\_\_\_gal. per min WATER ANALYSIS AVAILABLE:Yes\_\_\_\_No\_\_\_\_ Depth of intake \_\_\_\_\_ Yes\_11\_No\_\_\_\_ DRILL CUTTINGS SAVED: (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.) ARKS:\_\_\_\_

FURNISHED BY: George F. Burner, Well Drilling DATE: January 24, 1969

cCormick Re Jarloffes <b>HT</b>	ST. TEALS ASSAULT DOUBTS PRODUCT	REMARKS		
et) TO	(gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.)	
10	Poddish slav		West Dalles Showallar	
127	Black slate			
nrgima	Mailing Address McCaheysville, V	Dfilling	an Lea Goorge F. Burner, Well	
#11b)	Approx 1/2 Approx South	1116	VELL LOCATION County Rockings	
ic. Rt. 4				
			GIVE DIRECTION AND DISTANCE IN FEET OR	
PAPI	DATE CAMOLETER: Jan. 23.		COUNTY HIGHWAY OR OTHER MAR)	
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<u>á</u> 61	HOLE SIZE: 10 mehes from 9		FLD TEST Weeked Six Bit	
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0_15.63_	CASE SIZE 6 1/1 moves from	1893	mot?	
61			ATER Color clear Toste	
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	GROUTING, Mathad			
	Make and Comment & H2Oogs		Form 2 Town School	
	PUMP: Typy I/2 II. P. Webi			
-2) Ion	O1 viennes	A VI	ATER AWALYSIS AVAILABLE Yes	
		AT 10 FOOT		
			DARKS.	
	THE PROTOCOLOG (1)  48 127  SITE (1)  10  10  10  10  10  10  10  10  10	TYPE OF ROCK OR SOIL PENET TO (grovel, cloy, etc., hordness, color, lower and lower an	TYPE OF ROCK OR SOIL PENETRATED  TO  (gravel, clay, etc., hardness, color, etc.)  48  Reddish clay Black slate  Shark Share  Shark Shark Share  Shark Shark Share  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark Shark  Shark Shark  Shark	

## VIRGINIA DIVISION OF MINERAL RESOURCES INTERVAL SHEET

Oge 1	of l		C-590 Well Repository No: W-2427 Sample Interval: from 0 to: 127		
Date rec'd:	1/28/69				
PROP:	Justus Showalter  G. F. Burner, Well Drilling		Number of samples: 11  Total Depth: 127'		
COMP:					
COUNTY:	Rockingham (Dayton)		Oil or Gas: Wa	ter:X Exploratory:	
	From-To	From-To	From-To	From-To	
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Unwashed samples only; not enough to split.

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 limestone	of dark gray		
10-20	п			
20-30	11			
30-40	very light reddish-tan clay			
40-50	11			
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 fis very calcareous	sile; carbonaceous,		
90-100	11			
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			
	Rock Unit	Age		
0-501	Overburden			
50-1271	Edinburg Formation	Middle Ordovician		

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