

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

P. 3667  
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Douglas Pearce Mailing Address: Harrisonburg, Va.

TENANT: Recapping Plant Mailing Address: "

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

WELL LOCATION: County Rockingham Approx. 2 1/2 ~~miles~~ <sup>miles</sup> north (direction) of  
Harrisonburg, Va. and 1000 <sup>feet</sup> ~~miles~~ east (direction) of U.S. Hwy. 11

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

DATE STARTED: Dec. 26, 1967 DATE COMPLETED: Jan. 2, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 451 feet

WATER LEVEL: Stands 80 feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air

Drawdown \_\_\_\_\_ feet

\* Rate 40 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

WATER ZONES: from 449 to \_\_\_\_\_ feet

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

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

WATER: Color clear Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry  Other \_\_\_\_\_

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

DRILL CUTTINGS SAVED: Yes 45 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: \* There was no substantial amount of water obtained until the depth of 449 feet.

At this depth the well was tested with the rotary air rig at about 40 gallons per  
minute.

HOLE SIZE: 10 inches from 0 to 16 feet

6 inches from 16 to 451 feet

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

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

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

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

CASE SIZE: 6 inches from 0 to 16 feet

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

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

GROUTING: Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

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INTERVAL SHEET

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Well No: W-2358

Date rec'd: 12/23/68

Sample Interval: from 0 to: 450'

PROP: Douglas Pearce (Recapping Plant)

Number of samples: 45

COMP: G. F. Burner, Well Drilling

Total Depth: 451'

COUNTY: Rockingham (Harrisonburg)

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

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
60 - 70	360 - 370	-	-
70 - 80	370 - 380	-	-
80 - 90	380 - 390	-	-
90 - 100	390 - 400	-	-
100 - 110	400 - 410	-	-
110 - 120	410 - 420	-	-
120 - 130	420 - 430	-	-
130 - 140	430 - 440	-	-
140 - 150	450	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Douglas Pearce (Recapping Plant)  
DRILLER: George F. Burner, Well Drilling  
COUNTY: Rockingham (Harrisonburg)

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TOTAL DEPTH: 451'

GEOLOGIC LOG

Depth  
in feet

0-10	Limestone — black, dense, argillaceous; abundant vein calcite; trace of slickensides
10-20	"
20-30	Limestone — dark gray, fine grained, argillaceous, vein calcite
30-40	"
40-50	"
50-60	"
60-70	"
70-80	"            minor amount of vein calcite
80-90	"            "
90-100	"
100-110	Limestone — dark gray, fine grained, argillaceous; traces of vein calcite, pyrite
110-120	"
120-130	"
130-140	Limestone — dark gray, fine grained, argillaceous; vein calcite
140-150	"
150-160	"
160-170	"            trace of pyrite
170-180	"            "

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180-190	Limestone — dark gray, fine grained, argillaceous; vein calcite
190-200	"
200-210	" trace of pyrite
210-220	" minor amount of vein calcite
220-230	"
230-240	"
240-250	"
250-260	Limestone — dark gray, fine grained, argillaceous; vein calcite
260-270	"
270-280	"
280-290	"
290-300	"
300-310	"
310-320	"
320-330	"
330-340	" trace of slickensides
340-350	" minor amounts of breccia, argillaceous mylonite, and slickensides
350-360	" with increase in amount of argillaceous material; shaly
360-370	" "
370-380	" "
380-390	" "

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390-400	Limestone — dark gray, fine grained, very argillaceous; vein calcite; shaly
400-410	"
410-420	"
420-430	" with trace of pyrite
430-440	" "
450	Limestone — dark gray, fine grained, argillaceous; abundant vein calcite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-450'	Lower Edinburg Formation	Middle Ordovician

Virginia Division of Mineral Resources  
William W. Winters, Geologist  
December 30, 1968