

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:  
B 3667  
Charlottesville, VA 22903

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

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: Leazer Pump & Well Supply Co., Inc. Mailing Address: Box 275, Remington, Va.

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: Harold E. Leazer Mailing Address: Remington, Va.

WELL LOCATION: County Fauquier Approx. 100 <sup>feet</sup>~~miles~~ north (direction) of Tip Pot Run  
Leazer office building and 300 <sup>feet</sup>~~miles~~ south (direction) of Bridge on U.S. Hwy. 29

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

DATE STARTED: June 19, 1968 DATE COMPLETED: June 21, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 362 feet

WATER LEVEL: Stands 2 1/2 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air lift  
Drawdown 10 feet @ 100 gpm  
Rate 600 gal. per min.  
Duration 8 hrs., 0 min.

HOLE SIZE: 12 inches from 0 to 52 feet  
8 inches from 52 to 348 feet  
6 1/2 inches from 348 to 362 feet

WATER ZONES: from 145 to 146 feet  
from 220 to 222 feet  
from 340 to 342 feet

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

WATER: Color clear Taste none  
Odor none Temp. 49-52 °F

CASE SIZE: 8 inches from 0 to 52 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method pressure grout  
Material 6 1/2 yds cement Depth 52 feet

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

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal. per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: Yes 37 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: Hardness - 14 GPG (240 ppm)  
Iron - less than 0.3 ppm  
pH - 7.5

LOG

FURNISHED BY: Leazer Pump & Well Co., Inc.

DATE: January 27, 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	10	Red clay and red slate	
10	150	Red slate	
150	160	Red slate	water-bearing
160	200	Blue and red slate	
220	222	Red slate	water-bearing
222	300	Red slate	
300	340	Red sandstone	
340	342	Red sandstone	water-bearing
342	362	Red sandstone	
		TOTAL DEPTH	362

(Use additional forms if necessary)

VIRGINIA DIVISION OF MINERAL RESOURCES  
INTERVAL SHEET

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Well Repository No: W-2432

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Date rec'd: 2/3/69

Sample Interval: from 0 to: 362'

PROP: Leazer Pump & Well Co.

Number of samples: 37

COMP: Leazer Pump & Well Co.

Total Depth: 362'

COUNTY: Fauquier (Remington)

Oil or Gas: Water:  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 - 362	-	-
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 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Leazer Pump & Well Supply Co., Inc.  
DRILLER: Leazer Pump & Well Supply Co., Inc.  
COUNTY: Fauquier (Remington)

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TOTAL DEPTH - 362'

GEOLOGIC LOG

Depth  
in feet

0-10	Siltstone — dark red, fissile, micaceous; trace of manganese-oxide stains
10-20	Siltstone and shale — dark red, very fissile, micaceous
20-30	"
30-40	"
40-50	Shale — dark red, very fissile, slightly micaceous, slightly calcareous
50-60	"
60-70	"
70-80	"
80-90	"
90-100	"
100-110	"
110-120	" with a few 1 to 3 mm calcite-filled vugs
120-130	" "
130-140	" "
140-150	" "
150-160	Shale — dark red, very fissile, slightly micaceous, slightly calcareous; a few 1-3 mm calcite filled vugs and crusts
160-170	"
170-180	"

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180-190	Shale — dark red, very fissile, slightly micaceous, slightly calcareous; trace of botryoidal manganese
190-200	Shale — dark red, very fissile, slightly micaceous, slightly calcareous; few calcite-filled vugs and veinlets
200-210	"
210-220	" very calcareous
220-230	Shale — dark red, fissile, very calcareous, slightly micaceous; trace of light greenish-gray, very argillaceous limestone
230-240	" with trace of limonite
240-250	Shale — dark red, fissile, calcareous, slightly micaceous
250-260	" with small amount of dark gray shale
260-270	" "
270-280	" "
280-290	"
290-300	"
300-310	" with traces of dark gray shale and diabase
310-320	Shale and limestone — dark gray, calcareous, shale and dark to light greenish-gray, argillaceous limestone; traces of pyrite, red shale and greenish-gray shale
320-330	Shale — dark red, dark and light gray, very calcareous
330-340	Shale — dark red, very fissile, slightly micaceous, calcareous; trace of dark gray shale
340-350	Shale and diabase — dark red and gray, calcareous, slightly micaceous shale, and very fine crystalline to aphanitic, dark gray, calcareous diabase; small amounts of pyrite in shale and diabase

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350-360        Shale and diabase — dark red and gray, calcareous, slightly micaceous shale, and very fine crystalline to aphanitic, dark gray, calcareous diabase; small amounts of pyrite in shale and diabase (gray shale material is laminated in part, and may be of pyroclastic origin)

360-362        "

GEOLOGIC SUMMARY

Rock Unit

Age

Newark Group (Bull Run Shale)

Late Triassic

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
February 3, 1969