

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1483

Date rec'd: 2/21/66

Sample Interval: from 0 to 620

PROP: Mrs. E. Williams

Number of samples: 62

COMP: Leazer Pump & Well Co.

Total Depth: 622

COUNTY: Fauquier (Warrenton)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
10 -	310 -	610 -	-
20 -	320 -	620 -	-
30 -	330 -	-	-
40 -	340 -	-	-
50 -	350 -	-	-
60 -	360 -	-	-
70 -	370 -	-	-
80 -	380 -	-	-
90 -	390 -	-	-
100 -	400 -	-	-
110 -	410 -	-	-
120 -	420 -	-	-
130 -	430 -	-	-
140 -	440 -	-	-
150 -	450 -	-	-
160 -	460 -	-	-
170 -	470 -	-	-
180 -	480 -	-	-
190 -	490 -	-	-
200 -	500 -	-	-
210 -	510 -	-	-
220 -	520 -	-	-
230 -	530 -	-	-
240 -	540 -	-	-
250 -	550 -	-	-
260 -	560 -	-	-
270 -	570 -	-	-
280 -	580 -	-	-
290 -	590 -	-	-
300 -	600 -	-	-

All intervals have both washed and unwashed samples

OWNER: Mrs. E. Williams
DRILLER: Leazer Pump and Well Co., Inc.
COUNTY: Fauquier (Warrenton)

VDMR #1483
WWCR #125
TOTAL DEPTH: 622'

GEOLOGIC LOG

10 Metamorphosed Basalt -- medium-gray, slightly greenish, fine-grained; plagioclase, sericite, chlorite, epidote, pyroxene quartz; minor magnetite, vein quartz, calcite and prehnite; minor iron oxide weathering stain.

20 only a trace of weathering stain.

30 Metamorphosed Basalt -- medium-greenish-gray, fine-grained; sericite, plagioclase, chlorite, epidote, pyroxene; minor calcite and magnetite, trace vein quartz and prehnite.

40 "

50 no vein quartz or prehnite.

60 "

70 "

80 "

90 trace pale-green, fine-grained sandstone.

100 Metamorphosed Diabase -- medium-greenish-gray, microphaneritic, relict subophitic texture; plagioclase, chlorite, sericite, epidote and pyroxene.

110 "

120 "

130 "

140 trace vein prehnite.

150 Basalt -- medium-gray, slightly greenish, finely microphaneritic, relict subophitic texture, hydrothermally altered; sericite, chlorite labradorite, pyroxene; minor calcite and magnetite.

160 "

170 "

180 "

190 "

OWNER: Mrs. E. Williams

#1483

- 200 Basalt — medium-gray, slightly greenish, finely microphaneritic, relict subophitic texture, hydrothermally altered; sericite, chlorite labradorite, pyroxene; minor calcite and magnetite.
- 210 Basalt — medium-gray, slightly greenish, finely microphaneritic, subophitic; labradorite, pyroxene, sericite, chlorite, magnetite.
- 220 "
- 230 "
- 240 "
- 250 "
- 260 "
- 270 Basalt — medium-light-greenish-gray, finely microphaneritic, hydrothermally altered; chlorite, sericite, plagioclase, pyroxene, muscovite magnetite, vein prehnite.
- 280 Basalt — dark-brown-gray; finely microphaneritic; labradorite, pyroxene, magnetite; possible contamination by "commercial?" petroleum product.
- 290 Basalt — medium-dark-greenish-gray, average grain size 0.3 mm; labradorite, pyroxene, magnetite.
- 300 slightly coarser grained, medium microphaneritic.
- 310 "
- 320 "
- 330 "
- 340 "
- 350 "
- 360 "
- 370 Basalt — medium-greenish-gray, finely microphaneritic, plagioclase, pyroxene, magnetite.
- 380 stained dark-brown-gray by contamination "commercial ?" petroleum product.

OWNER: Mrs. E. Williams

#1483

390 Basalt — medium-greenish-gray, finely microphaneritic, plagioclase, pyroxene, magnetite.

400 "

410 "

420 "

430 Basalt — medium-gray aphanitic minor phenocrysts of pyroxene.

440 "

450 "

460 "

470 Silty Shale — medium-reddish-gray; sericite, iron oxide, quartz, lithic particles, carbonates; trace vein calcite.

480 "

490 Basalt — medium-greenish-gray, finely microphaneritic, slightly vesicular, hydrothermally altered; plagioclase, chlorite, sericite, iron oxides, calcite, pyroxene, pumpellyite; minor red silty shale as above.

500 no shale.

510 "

520 "

530 Basalt — medium-light-gray-green to medium-dark-gray, nearly aphanitic, hydrothermally altered; minor amygdules filled with chlorite, quartz and calcite.

540 "

550 "

560 Basalt — medium-gray, nearly aphanitic, hydrothermally altered; minor amygdules filled with calcite, quartz and chlorite.

570 "

580 "

OWNER: Mrs. E. Williams

#1483

- 590 Vesicular Basalt — medium-gray, nearly aphanitic, hydrothermally altered; vesicles partially filled with chlorite, calcite and quartz.
- 600 "
- 610 larger vesicles less filling, no calcite.
- 620 Amygdaloidal Basalt — medium-greenish-gray, aphanitic abundant amygdules with chlorite, prehnite, quartz and calcite; minor feldspar phenocrysts 1 mm long; minor vein prehnite and quartz.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Basalt and Diabase Extrusives

Triassic ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
March 4, 1966