

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1899

Date rec'd: 6/12/67

Sample Interval: from 0 to:390*

PROP: English's, Inc. (Vista Acres, Well #3)

Number of samples: 39

COMP: Falwell Well Corporation

Total Depth: 400*

COUNTY: Campbell (Altavista)

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	-	-	-
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	-	-	-

* Unwashed samples only

OWNER: English's, Inc.
(Vista Acres Subdivision, Well #3)
DRILLER: Falwell Well Corporation
COUNTY: Campbell (Altavista)

VDMR: 1899
WWCR: 308
TOTAL DEPTH: 400'

GEOLOGIC LOG

Depth in feet

0-10	Clayey Silt - red-brown; a few sand and pebble-size rounded fragments of vein quartz; non-calcareous, slightly micaceous
10-20	"
20-30	"
30-40	" more silty and micaceous
40-50	Saprolite - tan, sandy and slightly-clayey silt; a few rounded fragments of vein quartz; non-calcareous, very micaceous; sand and coarse-silt portion is primarily composed of muscovite, quartz, and a minor amount of feldspar
50-60	"
60-70	"
70-80	Marble - light-gray, crystalline; a few interbedded dark-gray, thin, foliated, micaceous layers
80-90	"
90-100	"
100-110	" more dark-gray mica; quartz-rich calcareous material, and a trace of pyrite
110-120	" "
120-130	"
130-140	"
140-150	" trace of pyrite
150-160	" "
160-170	" more interbedded, foliated muscovite; several schistose fragments

OWNER: English's, Inc. (Vista Acres Subdivision, Well #3)

#1899

- 170-180 Marble - light-gray, crystalline; a few thin, foliated micaceous layers, primarily composed of muscovite and phlogopite; slickenside surfaces on a few fragments
- 180-190 "
- 190-200 "
- 200-210 "
- 210-220 "
- 220-230 "
- 230-240 " increase in phlogopite
- 240-250 Amphibolite - very dark-gray, holocrystalline, fine-grained, lineated; amphiboles, quartz, and mica; non-calcareous to slightly-calcareous; some fragments of light-gray, crystalline marble
- 250-260 Marble - light-gray, crystalline; a few thin, foliated, micaceous layers, primarily composed of muscovite and phlogopite
- 260-270 " with trace of galena
- 270-280 "
- 280-290 " a few fragments of gray marble
- 290-300 "
- 300-310 "
- 310-320 Marble - white to light-gray, very fine-grained, saccharoidal; minor amounts of phlogopite and muscovite
- 320-330 " with some amphiboles
- 330-340 Marble - light-gray, crystalline, interlayered or in contact with an amphibole - phlogopite schist that is dark gray and foliated, and contains quartz, phlogopite, amphiboles, and garnet

OWNER: English's, Inc. (Vista Acres Subdivision, Well #3)

#1899

340-350	Amphibole-Phlogopite-Schist - greenish-gray, fine-grained, crystalline, lineated to foliated; quartz, amphiboles, phlogopite, feldspar and garnet, with minor amount of white, crystalline marble
350-360	" traces of marble
360-370	"
370-380	" increased amount of marble
380-390	"
390-400	No sample

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
0-40 ^t	Overburden
40-70 ^t	Saprolite
70-390 ^t	Mt. Athos Formation
	Cambrian (?)
	Cambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
November 8, 1967