INTERVAL SHEET WWCR 419 VDMR Well No.: 874 Page 1 Sample Interval: from 43 to 150 Date_ 8-30-63 Total depth 150 PROP: C. R. Davidson Belle Haven Sub. Oil____Gas____Water_X Exploratory____ COMP: Clifford Etter Cuttings X Core Other COUNTY: Roanoke (Roanoke) VDMR WELL No. W-874 From-To From-To From-To From-To From-To 0_43 No sample Insufficient quantity -43_ 53-63 of material to wash. -63-120 No sample 120-130 130-150

OWNER: C. R. Davidson
DRILLER: Clifford Etter
COUNTY: Roanoke (Roanoke)

VDMR # 874 WWCR # 419 TOTAL DEPTH : 150'

GEOLOGIC LOG

0-43	No samples
43	<pre>Limestone - shaly, light to dark gray, moderately hard, rare fossils (brachiopods), no apparent bedding, microcrystalline with; rare mica, rare pyrite, abundant calcite, and rare iron oxide staining.</pre>
43-53	No sample
53-63	Shale - calcareous and silty, medium gray, moderately soft, flaky, poorly fissile, calcareous, argillaceous with; common muscovite, abundant calcite veins (approximately 30% of sample) and rare iron oxide stains.
63-120	No samples
120-130	Shale - calcareous and silty, medium gray, moderately soft, flaky, poorly fissile, calcareous, argillaceous with; common muscovite, abundant calcite veins (approximately 30% of sample) and rare iron oxide stains.

GEOLOGIC SUMMARY

AGE

As above

130-150

ROCK UNIT

Ordovician

Athens formation

Virginia Division of Mineral Resources John M. Wilson - Geologist September 5, 1963