

Operator: Virginia Division of Mineral Resources
 Farm: Coffey
 County: Cumberland
 Well number: 3
 Elevation: 370 ± feet
 Total depth: 180 feet
 Date completed: July, 1979
 Logged by: M. McCollum
 Location: Approximately 2200 feet west of VDMR hole no. 1.
 UTM: N4139820, E731360

<u>Run (feet)</u>	<u>Recovery (feet)</u>	<u>Interval</u>	<u>Description</u>
30		0-30	Saprolite - friable siltstone and sandstone.
10		30-40	Arkose - coarse grained, conglomeratic. Claystone at bottom 0.2 ft. of core.
13	10.2 (78%)	40-50.2	Siltstone - dark greenish grey with very irregular greyish brown to greyish red mottles. Subarkose beds at 42.4-43, 43.6-44.2, 45.4-45.8, 46.4-48.3.
12	8.7 (72%)	53-53.4 53.4-53.8 53.8-54.3 54.3-54.4 54.4-56.8 56.8-57.5 57.5-59.5 59.5-61.7	Arkose Siltstone Subarkose Siltstone Subarkose Siltstone Subarkose Siltstone
16	9.9 (62%)	65-69.5 69.5-70.6 70.6-74.9	Siltstone Subarkose Siltstone
14	9.8 (70%)	81-90.8	Arkose - white with pink feldspar, coarse grained conglomeratic.
15	10 (67%)	95-96.3 96.3-97.5 97.5-98.3 98.3-100.3 100.3-101 101-101.8 101.8-105	Arkose Subarkose Arkose - fine grained Subarkose Arkose Subarkose Arkose

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<u>Run (feet)</u>	<u>Recovery (feet)</u>	<u>Interval</u>	<u>Description</u>
14	9.8 (70%)	110-117.1 117.1-117.4 117.4-119.8	Arkose Subarkose Arkose
16	10 (63%)	124-127.7 127.7-129.2 129.2-129.8 129.8-130	Siltstone Subarkose Siltstone Subarkose
3	0		
12	10 (83%)	143-145.3 145.3-145.4 145.4-146.7 146.6-147.3 147.3-150.9 150.9-151 151-151.2 151.2-152.8 152.8-153	Arkose Siltstone Arkose Subarkose Arkose Siltstone Arkose Siltstone Subarkose
15	13.3 (88%)	155-155.8 155.9-158.8 158.8-160.4 160.4-162.2 162.2-165 165-166 166-168.3	Subarkose Siltstone Subarkose Arkose Subarkose Siltstone Subarkose
10	7 (70%)	170-176.1 176.1-176.8 176.8-177	Arkose Siltstone Arkose