## INTERVAL SHEET

WWCR 487 Page\_\_\_l VDMR Well No.: 1126 Date\_ 8/28/64 Sample Interval: from 0 to 350 Total depth\_\_\_ 383 PROP: Ark Poultry Farm (Hughes) Oil\_\_\_Gas\_\_\_Water\_x\_Exploratory\_\_\_\_\_ COMP: Sydnor COUNTY: Rockingham (Timberville) Cuttings\_X\_Core\_\_Other\_\_ VDMR Well No: W-1126 WASHED SAMPLES ONLY From-To From-To From-To From-To From-To 0-18 18 - 40 40 - 55 55 - 70 70 - 85 85 - 100 100 - 115 115 - 130 130 - 145 145 - 160 160 - 175 175 - 235 No Sample 235 - 250250 - 265 265 - 280 280 - 295 295 - 310 310 - 325 No Sample 325 - 340340 - 450 350 - 383 No Samples

OWNER: Ark Poultry Farm (Noah Hughes)
DRILLER: Sydnor Pump and Well Co., Inc.

COUNTY: Rockingham (Timberville)

VDMR # 1126 WWCR # 487 TOTAL DEPTH : 383

## GEOLOGIC LOG

Overburden (0-18')

0-18 Overburden - dark-brownish-red, fine-grained, silty-clay.

New Market (18-40')

18-40 Limestone - dove-gray to bluish-gray; dense, fine-grained.

Beekmantown Formation (40-350')

40-55 Limestone - bluish-gray, fine-to medium-grained, good permeability; calcite veins; minor black, silty, non-carbonaceous material.

55-70 Limestone - light-tan to light-gray, medium-to coarse-grained; silt filled fractures; sandy layers; vein calcite; secondary

dolomite.

70-85 Limestone - light-to dark-gray, fine-grained; vein calcite;

minor pyrite.

85-100 As above

100-115 As above - minor sandy layers.

115-130 As above

130-145 Limestone - bluish-gray; fine-to medium-grained; vein calcite;

minor pyrite; good fracture surfaces.

145-160 As above

160-175 As above

175-235 No samples

235-250 Dolomite - light-gray, medium-grained; moderate permeability;

minor pyrite.

250-265 Dolomite and Breccia - dolomite as above; breccia has angular

fragments darker than accompanying dolomite, dolomite cement,

one phase of brecciation.

265-280 Dolomite - light-gray, coarse-grained, high permeability.

18-40

40-350

350-383

New Market

No Samples

Beekmantown Formation

OWNER: Ark Poultry Farm #112		#1126
280-295		gray, coarse-grained, high permeability, except some nite; minor vein calcite.
295-310	As above - minor p	pyrite.
310-325	No sample	
325-340	Dolomite - light-	gray; fine-to coarse-grained.
340-350	As above	
350-383	No samples	
	GEOLOGI	C SUMMARY
	ROCK UNIT	TIME ROCK UNIT
0-18	Overburden	Quaternary

Virginia Division of Mineral Resources Garnett Gatlin - Geologist December 1, 1964

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