

INTERVAL SHEET

WWCR 292

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VDMR Well No.: Well No. 994

Date 4/28/64

Sample Interval: from 0 to 390

PROP: Pine Bluff Park

Total depth 390

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Augusta (New Hope)

Cuttings Core Other

VDMR Well No: W-994

Washed samples - only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 15	-	-
-	-	15 - 30	-	-
-	-	30 - 45	-	-
-	-	45 - 60	-	-
-	-	60 - 75	-	-
-	-	75 - 90	-	-
-	-	90 - 105	-	-
-	-	105 - 120	-	-
-	-	120 - 135	-	-
-	-	135 - 150	-	-
-	-	150 - 165	-	-
-	-	165 - 180	-	-
-	-	180 - 195	-	-
-	-	195 - 210	-	-
-	-	210 - 225	-	-
-	-	225 - 240	-	-
-	-	240 - 255	-	-
-	-	255 - 270	-	-
-	-	270 - 285	-	-
-	-	285 - 300	-	-
-	-	300 - 315	-	-
-	-	315 - 330	-	-
-	-	330 - 345	-	-
-	-	345 - 360	-	-
-	-	360 - 375	-	-
-	-	378 -	-	-
-	-	378 - 390	-	-
-	-	390 - 393	No sample	-
-	-	-	-	-
-	-	-	-	-

OWNER: Pine Bluff Park Inc.
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Augusta (New Hope)

VDMR #994
WWCR #292
TOTAL DEPTH: 393'

GEOLOGIC LOG

Overburden (0-75')

- 0-15 Overburden — light- to dark-chert fragments up to 19 mm. long; tan-brown soil; some rounded pebbles with iron oxide coating.
- 15-30 As above.
- 30-45 As above.
- 45-60 As above.
- 60-75 Overburden — 60% brownish-gray, translucent to opaque, angular chert fragments; 40% brown and gray, fine-grained, angular, calcareous, siliceous dolomite.

Beekmantown Formation (75-390')

- 75-90 Dolomite — light- to dark-gray, finely crystalline, calcareous, slightly siliceous; minor gray-brown chert fragments; minor white, medium to finely crystalline vein dolomite; minor tan-gray, finely crystalline dolomite.
- 90-105 As above.
- 105-120 Dolomite — light- to dark-gray, finely crystalline, slightly calcareous, siliceous; white, medium-grained, vein dolomite; very minor gray-brown chert.
- 120-135 As above.
- 135-150 As above.
- 150-165 Dolomite — gray to dark, finely crystalline, siliceous, minor white, medium- to fine-grained, vein dolomite; minor black, angular chert; minor tan-gray, finely crystalline dolomite.
- 165-180 Dolomite — gray to dark, finely crystalline to micro-crystalline, slightly siliceous; abundant black chert fragments, minor white vein dolomite, pyrite.
- 180-195 Dolomite — medium-gray, microcrystalline, calcareous; black chert, minor pyrite, minor white vein dolomite.

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- 195-210 Dolomite — medium-gray, microcrystalline, calcareous; and dark-gray, finely crystalline; black chert; white, medium crystalline, vein dolomite; pyrite.
- 210-225 Dolomite — medium-gray, microcrystalline, calcareous; and dark-gray, finely crystalline; black chert; minor white, fine-grained, vein dolomite; very minor pyrite.
- 225-240 Dolomite — medium- to dark-gray, finely crystalline; and minor medium-gray, microcrystalline, calcareous; minor white, medium- to finely-crystalline, vein dolomite; very minor pyrite.
- 240-255 As above — but lighter.
- 255-270 As above.
- 270-285 As above.
- 285-300 Dolomite — light-gray, medium-gray, and some dark-gray, medium-fine crystalline, siliceous; white, medium crystalline, vein dolomite; minor pyrite.
- 300-315 As above — slightly darker.
- 315-330 Dolomite — gray, finely crystalline slightly siliceous; pyrite; white, medium crystalline, vein dolomite.
- 330-345 Dolomite — dark-gray, finely crystalline, calcareous; and light tan-gray, very finely crystalline, calcareous; pyrite.
- 345-360 Dolomite — medium- to dark-gray, finely crystalline; white, finely crystalline, vein dolomite; pyrite.
- 360-375 Dolomite — tan to gray, finely crystalline; white, finely crystalline, vein dolomite; brown to dark-gray chert.
- 378 Dolomite — light- to medium-gray, finely crystalline; dark brown-gray chert; white, medium crystalline, vein dolomite.
- 378-390 Dolomite — tan and light- to dark-gray, finely crystalline; white, finely crystalline, vein dolomite; minor pyrite.
- 390-393 No sample.

OWNER: Pine Bluff Park Inc.

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-75	Overburden	Quaternary
75-390	Beekmantown Formation	Ordovician
390-393	No sample	

Virginia Division of Mineral Resources
Francis B. Fitzgerald, Geologist
June 2, 1964