

NOT PLOTTED

WELL NO. 0072

WUER-18

Interval Sheet

WILLIAMSBURG RESTORATION  
GOODWIN MEM. WELL #1  
DRILLER: J.F. REDD  
SYDOR PUMP & WELL CO.

Sheet No. 1  
397-438

On State Rt. 31 approx. 1/4 mi. W. of the junction of  
State Rt. 31 and U.S. Rt. 60  
See "Geology and Ground Water, York - James Peninsula, Va."

pg. 135  
pg. 145  
Gas Well

✓      Cuttings

     Core

✓      Water Well

     Gas Well

From-To	From-To	From-To	From-To	From-To
397 - 400	-	-	-	-
400 - 403	-	-	-	-
411 - 414	-	-	-	-
418 - 422	-	-	-	-
427 - 431	-	-	-	-
431 - 438	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Total Depth \_\_\_\_\_

OWNER: Goodwin Mem. Well #1  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: James City (Williamsburg)

W#: 72  
C#: 18  
TOTAL DEPTH: 438'

GEOLOGIC LOG

Depth  
(feet)

0-397 No Sample.

PATUXENT FORMATION (397-438)

397-400 Sand - salt and pepper white; washed; fine to medium grained; subangular to rounded; moderately well sorted; quartz; feldspar; 15% glauconite.

400-403 Sand - white; washed; fine to coarse grained; subangular to subrounded; moderately sorted; quartz; feldspar; 8% glauconite.

403-411 No Sample.

411-414 Sand - white; washed; fine to medium w/some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; 5% glauconite; garnet.

414-418 No Sample.

418-422 Sand - white; washed; very fine to very coarse grained; angular to subrounded; poorly sorted; quartz; feldspar; 3% glauconite; garnet; (very fine fraction largely due to crushing of larger grains during drilling).

422-427 No Sample.

427-431 Sand - tanish white; washed; medium to granular grained; subangular to rounded; moderately sorted; quartz; feldspar; 3% glauconite; garnet scarce.

431-438 Sand - off white; washed; coarse to granular grained; subangular to subrounded; well sorted; quartz; feldspar.

GEOLOGIC SUMMARY

Thickness  
(feet)

397

41+

Rock Unit

NO SAMPLE

Patuxent Formation

Time Rock Unit

Cretaceous

Virginia Division of Mineral Resources  
David A. Hubbard, Jr. Geologist  
June 6, 1978