

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

Box 3667

Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

OFFICE ADDRESS:

McCormick Road

Charlottesville, Virginia

OWNER: Town of Chincoteague Mailing Address: 403 S. Main St. Chincoteague, Va. 23336

TENANT: Mailing Address:

DRILLER: Shannahan Artesian Well Co., Inc. Mailing Address: St. Michaels, Md. 21663

WELL LOCATION: County Accomack Approx. 1.18 miles (direction) of edge of town and 0.25 miles (direction) of

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: Jan. 4, 1972 DATE COMPLETED: Jan. 7, 1972

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 256 feet pilot hole to 270'

WATER LEVEL: Stands 16 feet below surface OR

has NATURAL flow of gallons per minute.

YIELD TEST: Method Air lift

Drawdown 74 feet

Rate 118 gal. per min.

Duration 10 hrs., 0 min.

WATER ZONES: from 218 to 256 feet

from to feet

from to feet

WATER: Color clear Taste

Odor Temp. °F

WELL TO SUPPLY: (check one) Home

Farm Town XX School

Industry Other

WATER ANALYSIS AVAILABLE: Yes No XX

DRILL CUTTINGS SAVED: (18) Yes XX No

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS:

HOLE SIZE: 19 inches from 0 to 101 feet

16 inches from 101 to 256 feet

inches from to feet

SCREEN SIZE: 6 inches from 223 to 256 feet

inches from to feet

inches from to feet

CASE SIZE: 16 inches from 0 to 101 feet

8 inches from 0 to 223 feet

inches from to feet

GROUTING: Method pressure

Material cement Depth 101 feet

PUMP: Type installed by others.

Capacity gal per min

Depth of intake feet

LOG

FURNISHED BY: Shannahan Artesian Well Co., Inc. DATE: 1/7/72

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	40	Brown sand	
40	44	Sand and Clay	
44	63	Brown & white sand	
63	218	Green sandy clay & shell	
218	241	Gray sand & shell	
241	256	Brown sand	
256	270	Green clay & shell	

VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: C-354
W- 3435

Date rec'd: 3-20-72 Date Processed: 4-4-72

Sample Interval: from 0 to: 270

PROPERTY: Town of Chincoteague

Number of samples: 18

COMPANY: Shannahan Artesian Well Co.

Total Depth: 270'

COUNTY: Accomack

Oil or Gas: Water:XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-20	-	-	-	-
20-40	-	-	-	-
40-63	-	-	-	-
63-83	-	-	-	-
83-103	-	-	-	-
103-124	-	-	-	-
124-144	-	-	-	-
144-164	-	-	-	-
164-184	-	-	-	-
184-204	-	-	-	-
204-218	-	-	-	-
218-226	-	-	-	-
226-235	-	-	-	-
235-241	-	-	-	-
241-247	-	-	-	-
247-256	-	-	-	-
256-262	-	-	-	-
262-270	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Town - Chincoteague
Driller: Shannahan Artesian Well Co.
County: Accomack

W# 3435
C# 354
Total Depth: 270'
Quad:
Elev:

Depth (feet) WELL LOG

0-20 Sand - moderate yellowish brown (10YR 5/4); some sand clasts; medium to granule; few pebbles; sub-angular; poor sorting; quartz; 1% glauconite.

20-40 Sand-gravel - pale yellowish brown (10YR 6/2); as above, except: 3% large (20mm) pebbles; few clay clasts.

40-63 Sand - moderate yellowish brown; (10YR 5/4); as above, except: large sand clasts; no pebbles; feldspar; ochre.

63-83 Sand - light olive gray (5Y 6/1); abundant clay coating sand grains; sand and clay clasts; fine to granule; few pebbles; poor sorting; quartz; 1% glauconite; echinoderm spines.

83-103 Clay - light olive gray (5Y 6/1); abundant clay - clasts and cementing matter in sand clasts; fine to medium and granule to pebble; 10%+ fine gypsum crystals; ochre.

103-124 Clay - light olive gray (5Y 6/1); abundant clay in clasts; abundant sand; medium to very coarse, sub-angular; poor sorting; quartz; 1% fine glauconite; gypsum; chromium mica.

124-144 Clay-shells - as above, except: abundant clay in clasts; abundant sand, very fine to very coarse; 50% large shell fragments.

144-164 Clay - as above, except: (5Y 6/1 to 5Y 5/2); 10% shell fragments.

164-184 Sand - light olive gray (5Y 6/1); sparse clay; fine to very coarse; moderate sorting; 5% shell fragments.

184-204 Sand - as above, except: abundant clay; medium to granule; few pebbles; 7% shell fragments; biotite mica.

204-218 "Hash" - pale yellowish brown (10YR 6/2); moderate clay clasts; abundant sand; fine to very coarse; some granules; 30% shell fragments; Venicardia; Nuculana; Glycimeris.

218-226 "Hash" - "salt and pepper;" 50% shell fragments; sand as above; 15% glauconite; some clay clasts.

Owner: Town - Chincoteague

-2-

W# 3435

Depth
(feet)

226-235 "Hash" - "salt and pepper;" 80% shell fragments; 25% glauconite.

235-241 "Hash" - "salt and pepper;" 50% shell fragments; 20% glauconite.

241-247 Sand - light olive brown (5Y 6/2); medium and coarse; sub-rounded; well sorted; quartz; 10% brown glauconite; 3% shell fragments.

247-256 Sand - as above, except: sparse clay; 1% shell fragments.

256-262 Sand - light olive gray (5Y 6/1); 7% glauconite; 15% shell fragments.

262-270 Hash - "salt and pepper;" 80% shell fragments; sand - 50% brown glauconite; sand as above.

Logged by: J. K. Polzin
May 14, 1980