

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-4069
C-40

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 Jarrett Mailing Address: Jarrett, Va.

TENANT: Town Well #2 Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 27186, Richmond, Va 23261

WELL LOCATION: County Greenville Approx. .6 ~~xxx~~ miles Northwest (direction) of
Rt. 646 and 200 ~~xxx~~ feet Southwest (direction) of Rt. 139

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

DATE STARTED: 11/14/73 DATE COMPLETED: 12/3/73

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 340 feet

WATER LEVEL: Stands 75 1/4 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible
Drawdown 213 feet
Rate 17 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 12 1/4 inches from 0 to 119 feet
6 inches from 119 to 340 feet
_____ inches from _____ to _____ feet
SCREEN SIZE: 6 slotted pipe 52 to 77 feet

WATER ZONES: from 52 to 77 feet
from 180 to 190 feet
from _____ to _____ feet

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 6 inches from +2 to 52 feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

6 inches from 77 to 119 feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town XX School _____
Industry _____ Other _____

GROUTING: Method Pressure
Material Cement-Water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes XX No _____
DRILL CUTTINGS SAVED: (31)
Yes XX No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake _____ feet

(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: Gravel packed 50-119'

FURNISHED BY: _____ DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	1	Top soil	
1	15	Light brown clay	
15	40	White sand	
40	65	Gray clay - sand mixed	
65	85	Gray clay - shells	
85	90	Gray clay, shells and sand mixed	
90	109	Hard gray sand rock	
109	119	Gray rock	
119	180	Green stone	
180	190	Green stone - water zone	
190	235	Gray granite	
235	250	Pink and gray granite	
250	310	Green and gray rock	
310	340	Hard gray granite	

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

INTERVAL SHEET

Page 1 of 1 Well Repository No.: C-40 W- 4069
 Date rec'd: 1-17-74 Date Processed: Sample Interval: from 0 to: 340
 PROPERTY: Town of Jarrett #2 Number of samples: 31
 COMPANY: Sydnor Hydrodynamics Total Depth: 340'
 COUNTY: Greensville (Jarrett) Oil or Gas: Water:XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-15*	330-340	-	-	-
15-30*	-	-	-	-
30-45*	-	-	-	-
45-60*	-	-	-	-
60-75*	-	-	-	-
75-90*	-	-	-	-
90-105*	-	-	-	-
105-111*	-	-	-	-
111-119*	-	-	-	-
119-130*	-	-	-	-
130-140	-	-	-	-
140-150	-	-	-	-
150-160	-	-	-	-
160-170	-	-	-	-
170-180	-	-	-	-
180-190	-	-	-	-
190-200	-	-	-	-
200-210	-	-	-	-
210-220	-	-	-	-
220-230	-	-	-	-
230-240	-	-	-	-
240-250	-	-	-	-
250-260	-	-	-	-
260-270	-	-	-	-
270-280	-	-	-	-
280-290	-	-	-	-
290-300	-	-	-	-
300-310	-	-	-	-
310-320	-	-	-	-
320-330	-	-	-	-

*Both washed and unwashed samples, rest unwashed only.

Owner: Town of Jarrett #2
Driller: Sydnor
County: Greenville (Jarrett)

W# 4069
C# 40
Total Depth: 340'
Quad: Jarrett
Elev: 158'

Depth
(feet)

WELL LOG

0-15 Clay - light olive gray (5Y 6/1); with coating of dark yellowish orange (10YR 6/6); abundant sand; very fine with some larger grains, subangular, well sorted.

15-30 Sand - light olive gray (5Y 6/1); fine to granule, angular to subangular, poor sorting; feldspar.

30-45 Gravel - light olive gray (5Y 6/1); medium to small pebble, subangular to subrounded, poorly sorted; feldspar.

45-60 Sand - light olive gray (5Y 6/1); sparse clay; fine to granule, angular to subrounded, poorly sorted; feldspar.

60-75 Sand - light olive gray (5Y 6/1); abundant clay; fine to very coarse, angular to subangular, poor sorting; 20% shell fragments - chione, barnacles; phosphate fragments; garnet.

75-111 Sand - light olive gray (5Y 6/2); moderate clay; fine to granule, angular to subangular, poorly sorted; 10% fine shell fragments - Mulina Congesta, Nucula proxima; 1% phosphate fragments; feldspar; garnet.

111-119 Sand - moderate olive gray (5Y 5/1); mixed ~~sand~~ grains; clay coating of all grains; very rare shell fragments.

119-340 Granite - light and dark gray; quartz, feldspar, biotite mica; hornblend, epidote, garnet; fine grained with much micas at 119-190; garnet (weathered) at 190-200, also fuschite; pyrite at 230-340; all intervals have large fragments with crushed granite.

Logged by: J. K. Polzin
October 2, 1980