

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

Attn: Mr. H. N. Spurlock

OWNER: Wright Chemical Corporation Mailing Address: Rigelwood, N. C., 28456

TENANT: Same Mailing Address: _____

DRILLER: Mitchell's Well & Pump Company Mailing Address: R#1, Box 110,
Col. Hgts., Va. 23834

WELL LOCATION: County Sussex Approx. 1-3/4 ^{feet} miles North (direction) of _____
Waverly, Va. on Highway #460 and _____ feet _____ 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: September 1969 DATE COMPLETED: September 1969

TYPE OF DRILL RIG USED: cable tool TOTAL DEPTH 280' 3" feet

WATER LEVEL: Stands 122 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method pumped

HOLE SIZE: 12 inches from 0 to 50 feet

Drawdown 56 feet

6 inches from 50 to 280 feet

when pumped @ Avg. Rate 251.5 gal. per min.

_____ inches from _____ to _____ feet

Duration 62 hrs., 30 min. not continuous

SCREEN SIZE: 5 inches from _____ to _____ feet
30' of screen spaced at 10' intervals

WATER ZONES: from _____ to _____ feet

_____ inches from _____ to _____ feet
with blank between. Screen starts from bottom.

from _____ to _____ feet

_____ inches from _____ to _____ feet

from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 225' 5" feet

WATER: Color clear Taste good

_____ inches from _____ to _____ feet

Odor none Temp. _____ °F

_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____

GROUTING: Method pumped in under pressure.
cement

Farm _____ Town _____ School _____

Material & water Depth 50 feet

Industry XXXX Other _____

PUMP: Type not installed; this date.

WATER ANALYSIS AVAILABLE: Yes _____ No _____

Capacity _____ gal per min

DRILL CUTTINGS SAVED: ⁽²⁸⁾ Yes XXXX No _____

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: Well #1 for industrial site.

CC: State Health Department; Wright Chemical Corp.; Sussex Cnty. Health Dept.

LOG

FURNISHED BY: Mitchell's Well & Pump Co.

DATE: October 3, 1969

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	red mud	Sample # 1
10	20	red & white clay	2
20	30	red & white sand, mud & clay	3
30	40	red mud & sand	4
40	50	blue mud, sand & clay	5
50	60	gray sand, mud and shells	6
60	70	ditto	7
70	80	"	8
80	90	gray mud, sand and clay, few shells	9
90	100	gray mud and clay, few shells	10
100	110	ditto	11
110	120	"	12
120	130	black mud, sand and few shells	13
130	140	black sand	14
140	150	ditto	15
150	160	"	16
160	170	white sand and gravels	17
170	180	ditto	18
180	190	grayish sand	19
190	200	ditto	20
200	210	ditto	21
210	220	ditto	22
220	230	grayish sand and gravels	23
230	240	white sand and gravels	24
240	250	ditto	25
250	260	ditto	26
260	270	white sand, few gravels	27
270	280' 3"	ditto	28
		<p>Samples retained at our office for pickup by Personnel of DIVISION OF MINERAL RESOURCES, Charlottesville, Va.</p>	

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

INTERVAL SHEET

Page 1 of 1 Well Repository No: C-224 W-2708
 Date rec'd: 12-15-69 Date Processed: Sample Interval: from:0to:280'3"
 PROPERTY: Wright Chemicals Corp. Number of samples: 28
 COMPANY: Mitchell's W & P Co. Total Depth: 280' 3"
 COUNTY: Sussex (Waverly) Oil or Gas: Water:xExploratory:

From-To	From-To	From-To	From-To
0-10	250-260	-	-
10-20	260-270	-	-
20-30	270-280' 3"	-	-
30-40	-	-	-
40-50	-	-	-
50-60	-	-	-
60-70	-	-	-
70-80	-	-	-
80-90	-	-	-
90-100	-	-	-
100-110	-	-	-
110-120	-	-	-
120-130	-	-	-
130-140	-	-	-
140-150	-	-	-
150-160	-	-	-
160-170	-	-	-
170-180	-	-	-
180-190	-	-	-
190-200	-	-	-
200-210	-	-	-
210-220	-	-	-
220-230	-	-	-
230-240	-	-	-
240-250	-	-	-

All intervals have both washed and unwashed samples.

Owner: Wright Chem. Corp.
Driller: Mitchell
County: Sussex

W# 2708
C# 224
Total Depth: 280'
Quad: Waverly
Elev: 110'

Depth
(feet)

WELL LOG

0-10 Sand - grayish orange (10YR 7/4); moderate clay; medium, sub-angular, well sorted; 10% fine phosphatic fragments.

10-20 Clay - moderate yellowish brown (10YR 5/4); clay in pellet form; abundant sand; medium, subangular, well sorted.

20-40 Gravel - light brown (5YR 5/6); fine to pebble, subangular to subrounded, moderate sorting - larger granules at 20-30'.

40-50 Gravel, Clayey - mixed gray and yellow; abundant clastic gray clay; fine to pebble, angular and subangular, poorly sorted; mica.

50-80 Gravel, Shell - light and dark gray; 90% shell fragments - Mulina Congesta, pecten, barnacle, Veriformates - Turritella, Plicatula Densata, Ostrea (Cretacea), Pliacoides, Venicardia Althasta; very sparse clay; fine to granule, subangular, poorly sorted; 10% fine phosphate fragments; bone fragments; bryozoa; very large fragments at 70-80'.

80-120 Sand - light olive gray (5Y 5/2); abundant clay; medium, sub-angular, well sorted; 10% fine phosphate fragments; clasts of clay at 100-120' with diatoms; forams - Nonion, Robulus, Textularia; some larger and angular grains at 110-120'.

120-160 Sand, Glauconitic - greenish black; 90+% glauconite, medium and light and dark green; sparse clay; medium and few large (10mm) rounded, black pebbles at 120-130'; subangular and angular, well sorted; very rare shell fragments and bryozoa at 120-130'.

160-180 Sand - light olive gray (5Y 7/1); medium to granule, fine at 170-180'; angular to subangular, moderate sorting; few glauconite grains (contam.); feldspar; garnet.

180-190 Sand - light olive gray (5Y 6/1); fine to pebble, angular and rounded, poorly sorted; feldspar; garnet.

190-200 Sand - light olive gray (5Y 6/1); moderate clay; fine to granule, angular and subangular, moderate sorting; feldspar; garnet; iron oxide particles and staining.

200-210 Sand - yellowish gray (5Y 7/2); abundant clay; fine to very coarse, subangular, moderate sorting; feldspar.

Owner: Wright Chem. Corp.

W# 2708

C# 224

Depth
(feet)

210-220	Sand - light yellowish gray (5Y 8/2); moderate clay; fine to very coarse, subangular, moderate sorting; feldspar.
220-280	Sand - light olive gray (5Y 7/1); fine to granule, angular and subangular, poorly sorted; feldspar; garnet; iron oxide particles and staining.

Logged by: J. K. Polzin
September 23, 1980