

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3821
C-102

MAILING ADDRESS:

Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: J. Kennon Perrin Company Mailing Address: 1705 Ross Bldg., Richmond, Va.

TENANT: Georgia Pacific Mailing Address: _____

DRILLER: Leazer Pump & Well Co., Inc. Mailing Address: P.O. Box 275, Remington, Va.

WELL LOCATION: County Caroline Approx. 1 ~~XXXX~~ 8 miles S of Milford, Va. (direction) of
and 1/4 mile E of the Railroad 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: 2/12/73 DATE COMPLETED: 2/20/73

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 592 feet

WATER LEVEL: Stands 60 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air
Drawdown 200 feet
Rate 60 gal. per min.
Duration 8 hrs., 0 min.

HOLE SIZE: _____ inches from _____ to _____ feet
10 inches from 0 to ? feet
8 inches from ? to ? feet
6 inches from ? to 592 feet

WATER ZONES: from 170 to 200 feet
from 280 to 310 feet
from _____ to _____ feet

SCREEN SIZE: 6 inches from 180 to 200 feet
Split casing _____ inches from 270 to 290 feet
" " _____ inches from 316 to 336 feet
CASE SIZE: 6-5/800 inches from +1 1/2 to 336 feet

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

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth ? feet

WATER ANALYSIS AVAILABLE: Yes X No _____
(57)

PUMP: Type SH.P. Submersible
Capacity 47 q.p.m. at 40# gal. per min
Depth of intake 232' feet

DRILL CUTTINGS SAVED: Yes X 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: Bedrock at 336'

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: C-102
 W- 3821

Date rec'd: 3/14/73 Date Processed: 11/19/73

Sample Interval: from 0 to: 592

PROPERTY: J. Kennon Perrin Co.
 (Georgia Pacific Co.)

Number of samples: 57

COMPANY: Leazer Pump & Well Co.

Total Depth: 592

COUNTY: Caroline (Milford)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	300-310	-	-	-
10-20	310-320	-	-	-
20-30	320-330	-	-	-
30-40	330-340	-	-	-
40-50	340-350	-	-	-
-	350-360	-	-	-
60-70	360-370	-	-	-
70-80	370-380	-	-	-
80-90	380-390	-	-	-
90-100	390-400	-	-	-
100-110	400-410	-	-	-
110-120	410-420	-	-	-
120-130	420-430	-	-	-
130-140	430-440	-	-	-
140-150	440-450	-	-	-
150-160	450-460	-	-	-
160-170	460-470	-	-	-
170-180	470-480	-	-	-
180-190	480-490	-	-	-
190-200	490-500	-	-	-
200-210	500-510	-	-	-
210-220	510-520	-	-	-
-	520-530	-	-	-
230-240	530-540	-	-	-
240-250	540-550	-	-	-
250-260	550-560	-	-	-
260-270	560-570	-	-	-
270-280	570-580	-	-	-
280-290	580-592	-	-	-
290-300	-	-	-	-

Unwashed only

OWNER: J. Kennon Perrin Co.
DRILLER: Leazer
COUNTY: Caroline (Milford)

W # 3821
C # 102
TOTAL DEPTH - 592'

DEPTH
(FEET)

WELL LOG

0-10	Gravel	-	yellow gray (5Y 8/1); 4-40 mm rounded quartz pebbles.
10-50	Sand	-	olive gray (5Y 4/1); sparse clay; fine, subangular, well sorted and coarse to granule, poorly sorted; a few large pebbles at 20-30' - quartz; 7% glauconite; shell fragments - 10% at 10-30', none at 30-40', sparse at 40-50' - <u>Turritella</u> ; forams - <u>Robulus</u> ; sandstone fragments; fuschite.
50-60	No sample.		
60-100	Clay	-	pale yellowish brown (10YR 6/2); abundant sand; tan and beige clasts; fine to coarse, poor sorting; quartz; 10% glauconite; shell fragments; mica.
100-130	Sand	-	pale yellowish brown (10YR 6/2); sparse clay and silt; fine to coarse, subrounded, moderately to well sorted; quartz; feldspar; 2-8% phosphate fragments; shell fragments; mica.
130-140	Gravel	-	moderate brown (5YR 4/4); abundant clay in clasts; 15 mm pebbles; moderate sand; fine to granule, poorly sorted; quartz; glauconite.
140-160	Sand	-	moderate yellowish brown (10YR 5/4); abundant clay; fine to granule, subangular, poor sorting; quartz; 2% phosphate fragments.
160-220	Sand	-	pale yellowish brown (10YR 6/2); sparse to moderate clay; sparse silt; medium to granule, subangular, moderate sorting; quartz; mica.
220-230	No sample.		
230-240	Sand	-	pale yellowish brown (10YR 6/2); sparse to moderate clay; sparse silt; medium to granule, subangular, well sorted; quartz; mica.
240-250	Sand	-	moderate yellowish brown (10YR 5/4); abundant clay; medium to granule, subangular, poor sorting; quartz.

DEPTH
(FEET)

WELL LOG

- | | | |
|---------|---------|--|
| 250-280 | Clay | - pale yellowish brown (10YR 6/2); abundant clasts; sparse sand; medium to very coarse, poor sorting; quartz. |
| 280-300 | Sand | - light brown (5YR 6/4); medium to very coarse, subangular, moderate sorting; quartz; fuschite; phosphate fragments. |
| 300-320 | Sand | - light olive gray (5Y 6/1); abundant clay; fine to granule, subangular, poor sorting; quartz; forams - <u>Nodosaria</u> ; shell fragments; plant debris. |
| 320-420 | Sand | - light and dark gray; sparse to abundant clay; fine to medium, subangular, well sorted; quartz; granitic fragments; abundant feldspar; epidote; mica; hornblende clasts; magnetite. |
| 420-592 | Granite | - light and dark gray; with orange feldspar at 520-592'. |

Logged by:
J. K. Polzin