

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: Lummus Co. Mailing Address: Bloomfield, NJ

TENANT: ICI Chemical Co. Prod. Well #2 Mailing Address: Hopewell, VA.

DRILLER: Layne Drilling Corp. Mailing Address: Va. Beach, VA.

WELL LOCATION: County Chesterfield Approx. 1 <sup>feet</sup>/<sub>miles</sub> northwest (direction) of  
Bermuda Hundred and 1 <sup>feet</sup>/<sub>miles</sub> south (direction) of James River

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

DATE STARTED: 8-10-70 DATE COMPLETED: 8-19-70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 69 feet

WATER LEVEL: Stands 27'8" feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method 20 hp pump  
Drawdown \_\_\_\_\_ feet  
Rate 375 gal. per min.  
Duration 24 hrs., \_\_\_\_\_ min.

HOLE SIZE: 16 inches from 0 to 49 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 53 to 69 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 8 inches from 55 to 69 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color Clear Taste \_\_\_\_\_  
Odor NO Temp. \_\_\_\_\_ °F

CASE SIZE: 12 inches from 0 to 50 feet  
8 inches from 0 to 55 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method Cement slurry  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No X

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: 5 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# LOG

FURNISHED BY: A. Layne

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	18	Red-brown silt	
18	46	Yellow-brown sand and gravel	
46	49	White and gray clay	
49	59	Gravel, rock and medium sand	
59	69	Gravel and rock	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: W#: 2950  
C#: 195

Date rec'd: 10/20/70 Date Processed: 10/20/70 Sample Interval: from: 0 to: 69

PROPERTY: Lummus Co.  
(ICI America Well #2)

Number of samples: 5

COMPANY: Layne Drilling Co.

Total Depth: 69'

COUNTY: Chesterfield

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 39	-	-	-
39 - 49	-	-	-
49 - 69	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Lummus Co. #2  
(ICI America)  
DRILLER: Layne Drilling  
COUNTY: Chesterfield

W#: 2950  
C#: 195  
TOTAL DEPTH: 69'  
QUAD.: Hopewell  
ELEV.: 31'

GEOLOGIC LOG

Depth  
(feet)

- 0-10 Sand — grayish orange; slightly clayey; fine to medium grained, some coarse grains; subangular to subrounded; moderately sorted; quartz; feldspar; some glauconite; some opaques; few flakes of muscovite.
- 10-20 Sand — light grayish orange; slightly clayey; coarse to very coarse grained, some medium grains, some granules; subangular to subrounded; moderately well sorted; quartz; feldspar; some opaque; few grains of glauconite.
- 20-39 As above.
- 39-49 Sand and granules — light grayish orange; slightly clayey; coarse to very coarse grained, 40% granules, 5% pebbles; subrounded; moderately sorted; quartz; feldspar.
- 49-69 Gravel — multicolored; some granules; 4-10 mm.; angular to subrounded; moderately sorted; quartz; feldspar.

Logged by: Michael T. Currie