

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

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W-179

WATER WELL COMPLETION REPORT

OWNER: Nestle Company - Well No. 2 023? Mailing Address: Wilroy Road, Driver

TENANT: _____ Mailing Address: _____

DRILLER: Layne Atlantic Company Mailing Address: Norfolk, Virginia

WELL LOCATION: County Nansemond Approx. _____ ft. miles
(direction) of In Driver and _____ ft. miles of _____

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL XXXXX 13'

WATER ZONES (fissures or formations supplying water)

(from) _____ (to) _____ (from) _____ (to) _____

_____ ft. _____ ft.

_____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 180 Gal. per Min. with 90 feet DRAWDOWN after 24 HOURS PUMPING.

FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: Pumping Level-103'
Date tested-9-8,9-55.

QUALITY OF WATER

COLOR _____ TASTE _____

ODOR _____ OTHER _____

ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No

TEMPERATURE _____

_____ WATER (from) _____ ft. (to) _____ ft.

(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

CONSTRUCTION

RIG TYPE (or method) _____
(rotary, cable, bored, driven, etc..)

DATE: Started 8-1-55; Completed 8-26-55

TOTAL DEPTH 660' ft.

BEDROCK at _____ ft.

GROUTING INFORMATION

METHOD USED _____

GROUTING MATERIAL _____

DEPTH OF GROUTING _____

HOLE SIZE

(diam) _____ in. (from) _____ ft. (to) _____ ft.

CASING SIZE

(diam) ** in. (from) _____ ft. (to) _____ ft.

SCREEN (or perforations)

(diam) ** in. (from) _____ ft. (to) _____ ft. (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: ** 121' of 10" Casing cemented in place
4" casing commences at 100' below surface - 450' of 4" Casing
20' of Slot-Pipe 4" in diam., 60' of 4" Casing, 20' of 4" Slot-Pipe
10' of 4" Casing. Total Depth - 660'.

Log of well (over)

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	10	Sandy top soil	
10	15	Sandy Clay	
15	25	Coarse red sand in streaks	
25	35	Coarse gray sand, very fine gravel	
35	100	Dark gray clay	
100	147	Sandy clay, dark gray	
147	155	Fine gray sand	
155	190	Sandy clay	
190	200	Fine gray sand	
200	265	Sandy clay, dark gray	
265	270	Fine Gray sand	
270	273	Dark gray shale	
273	286	Fine gray sand	
286	287	Shell and shale	
287	301	Fine to medium gray sand	
301	305	Dark gray shale	
305	306	Hard sandrock	
306	310	Dark gray shale	
310	345	Glaucouite and fine sand	
345	352	Dark gray shale	
352	353	Hard sandrock	
353	374	Sandy shale and sandrock	
374	387	Glaucouite and fine sand	
387	426	Dark gray shale & rock or shale	
426	460	Dark gray shale	
460	470	Fine gray sand and glaucouite	
470	485	Multi colored shale, yellow, red, green, brown	
485	495	Fine to very coarse gray sand, light	
495	520	Multi colored shale	
520	525	Medium gray sand	
525	537	Brown sandy shale	
537	542	Fine light gray sand	
542	555	Coarse light gray sand	
555	556	Light gray clay, soft	
556	578	Very coarse light gray sand, fine gravel	
578	583	Light gray clay, soft	
583	600	Coarse light gray sand, fine gravel	
600	603	Light gray clay, soft	
603	611	Coarse light gray sand, fine gravel	
611	637	Soft sand, white clay	
637	647	Fine white sand, probably clayey	
647	660	Coarse sand, dirty	
660	681	Clay	