

STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES  
AND ENVIRONMENTAL CONTROL

WELL COMPLETION REPORT MUST  
BE RETURNED 30 DAYS AFTER  
CONSTRUCTION DATE

JAN 5 1996

SUPPLY BRANCH  
DIVISION OF ENVIRONMENTAL CONTROL  
BOX 1401  
DOVER, DELAWARE 19903

WELL COMPLETION REPORT

PLEASE PRINT

PERMIT NO. 1037107 LOCAL ID 5D

OWNER Town of Bridgeville

CONSTRUCTION DATE 10/17/95

PURPOSE:  TEST  PERMANENT

USE:  DOMESTIC  AGRICULTURAL  
 COMMERCIAL  INDUSTRIAL  
 IRRIGATION  PUBLIC  
 MONITOR  DEWATERING  
 HEAT PUMP RECHARGE  HEAT PUMP SUPPLY  
 OTHER (Specify) \_\_\_\_\_

IS THIS A REPLACEMENT WELL? YES  NO

ABANDONMENT DATE FOR OLD WELL 8/21/95

ABANDONMENT METHOD Cement

DRILLING METHOD

AUGERED  BORED  CABLE TOOL  
 DRIVEN  JETTED  AIR ROTARY  
 MUD ROTARY  REVERSE  WASHED  
 OTHER (Specify) \_\_\_\_\_

TOTAL DEPTH DRILLED 492'

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>3'</u>	
CASING BOTTOM	<u>449'</u>	
CASING DIAMETER	<u>8" X 5"</u>	
CASING MATERIAL	<u>Steel</u>	

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP	<u>449'</u>	
SCREEN BOTTOM	<u>492'</u>	
SCREEN DIAMETER	<u>5"</u>	
SCREEN MATERIAL	<u>S.S.</u>	

WRITTEN APPROVAL FOR SCREENING/  
GRAVEL PACKING MORE THAN ONE AQU-  
IFER MUST BE OBTAINED FROM DNREC.

GROUT TYPE: CEMENT  BENTONITE CLAY

OTHER: \_\_\_\_\_  
FROM 0 TO 420 FEET

NON-GROUT BACKFILL OF WELL ANNULUS  
TYPE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET

GRAVEL PACK: TYPE #0 + #1 marble  
FROM 420 TO 495 FEET

STATIC WATER LEVEL: DATE 10/17/95  
36 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 120.7 FT. BELOW GRADE  
AFTER 24 HOURS AT 205 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR   
OTHER   
12 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE Goulds  
RATED CAPACITY (GPM) 300  
PUMP INTAKE SETTING 235' FT. BELOW GRADE

THE COMPLETED WELL IS?

A. AT LEAST 15' FROM ANY FOUNDATION  YES  NO  
 B. AT LEAST 50' FROM ANY SEPTIC TANK  YES  NO  
 C. AT LEAST 10' FROM TOWN SEWER LINE  YES  NO  
 D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD  YES  NO

THE NEAREST NEIGHBORS (CIRCLE ONE)

SEPTIC  TILE FIELD  CESSPOOL OR PRIVY  
 IS 100' FROM COMPLETED WELL.  
 IS COMPLETED WELL LOCATED AS SHOWN  
 ON APPLICATION FORM?  YES  NO  
 IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

Oct 14 - 37

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Coarse Tan sand & Gravel	0	30
Coarse Tan sand, Gravel & Stone	30	97
Gray Clay	97	125
Gray Clay & Some Gravel	125	142
Gray Clay	142	152
Sandy Gray Clay	152	179

SUPPLEMENTAL DRILLERS LOG ATTACHED YES  NO   
 PAGE 1 OF 02 PAGES  
 COMPANY NAME A.C. Schultes of DE, Inc.  
 SIGNATURE OF DRILLER IN CHARGE: Steven E. Osipow DATE 11/17/95

SUPPLEMENTAL DRILLER'S LOG

PRINT

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OWNER Town of Bridgeville

DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Sandy Gray Clay + Shell	179	183
Shell w/ some Gray Clay	183	198
Hard shell w/ clay	198	210
Gray Clay w/ Hard shell layers	210	218
Sandy Gray Clay	218	248
Shell + sand	248	269
Brown Clay	269	294
Gray Clay	294	317
Gray Clay + shell	317	324
Shell w/ clay layers	324	332
Fine Silty Gray sand w/ clay layers	332	350
Gray Clay	350	359
Cement sand + shell	359	367
Gray/Green Clay w/ shell	367	382
Brown Clay	382	398
Gray + Green Clay w/ shell	398	408
Shell w/ sand + clay	408	418
Gray Clay w/ Cement sand	418	432
Cement sand w/ shell + Gravel	432	435
Gray Clay	435	440
Cement sand, Gravel w/ some clay	440	452
Gravel + Cement sand	452	460
Shell, some gravel, sand + Clay	460	495

REMARKS: