

Please
 MAIL TO: Fax: 238-7847

RF24-18

STATE OF DELAWARE
 DEPARTMENT OF NATURAL RESOURCES
 AND ENVIRONMENTAL CONTROL

http://www.dnrec.state.de.us/

APPLICATION MUST BE SUBMITTED AND
 PERMIT RECEIVED BEFORE DRILLING IS
 STARTED.

WATER SUPPLY SECTION
 DIVISION OF WATER RESOURCES
 89 KINGS HIGHWAY
 DOVER, DELAWARE 19901
 PHONE: 302-739-3665
 FAX: 302-739-2296

APPLICATION FOR A PERMIT
 TO CONSTRUCT A WELL

- OFFICIAL USE ONLY -
 PAGE # 4 OF 4 PAGES
 PERMIT NO: 172771-W

PLEASE TYPE OR PRINT-USE BLUE OR BLACK INK ONLY-
 ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

GENERAL INFORMATION
 Property Owner: Lester & Deborah Wells
 Address: Rt 3 Box 234 State: De Zip: 19966
 City: Millsboro Telephone Number: 338-7286
 Application Preparer/WC: Michael G. Paisley
 Lic. #: B8994 Date of Application: 6-19-00
 Estimated Construction Date: 6-20-00

Purpose: Test or Permanent
 Use: Domestic
 Industrial
 Public
 Miscellaneous Public
 Temporary For Well Construction
 Heat Pump Supply
 Irrigation
 Agricultural
 Heat Pump Recharge
 Closed Loop Heat Pump
 Heat Pump Supply
 Other (Specify):

Is this a replacement well? NO YES reason: Low water yield
 Is public water available? NO YES (Specify):
 On public sewage: YES OR Septic system permit # Existing

PROPOSED WELL CONSTRUCTION

Approximate total depth:	Inner Casing	Outer Casing
Casing top (above grade):		<u>50'</u>
Casing bottom (below grade):		<u>12"</u>
Casing diameter:		<u>44"</u>
Casing material:		<u>2"</u>
Tentative screen setting:	<u>44'</u> (top) To:	<u>50'</u>
Tentative screen length:	<u>6'</u> Material:	<u>PVC</u>
Type of Grout:	<u>Bentonite Clay</u> From: <u>0'</u> (top) To: <u>42'</u>	
Gravel pack:	<u>NO</u> From: <u>43'</u> To: <u>50'</u>	
Desired capacity:	<u>20</u> (GPM) Est. Max. Daily Use:	<u>800</u> (GPD)

Will the operation of this well by itself or in combination with any other well(s) owned or operated by the permittee withdraw greater than 50,000 gallons in any 24 hr. period? NO YES

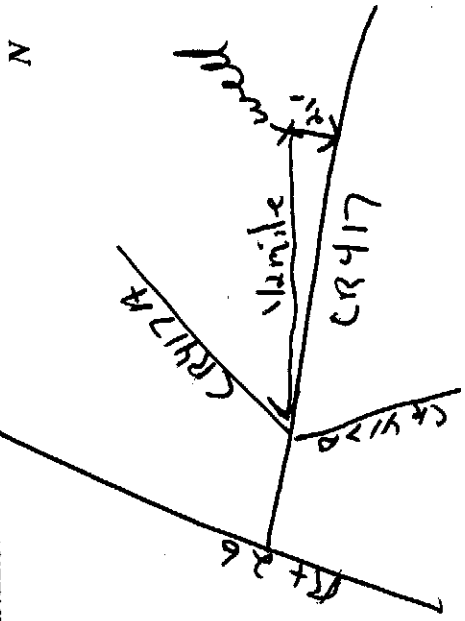
I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT.
Michael G. Paisley 6-19-00
 Signature - Application Preparer/Water Well Contractor Date
Lester wells 6-19-00
 Signature - Property Owner Date

Please release the contractor's copy of the permit and the well tag to the water well contractor.
 YES NO

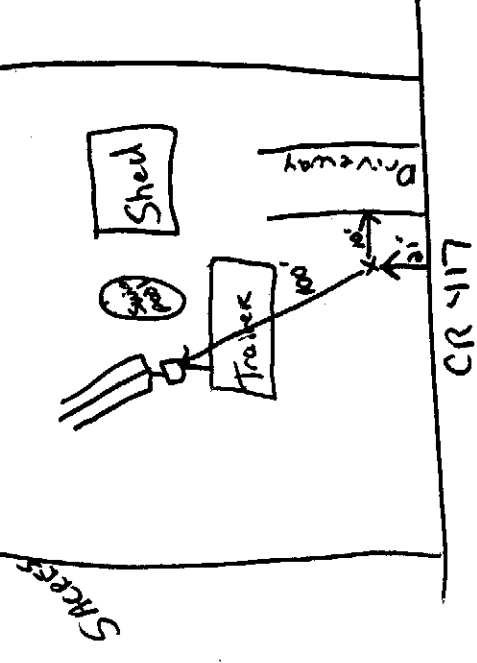
LOCATION MAP - ROAD MAP

County: New Castle Kent Sussex
 Subdivision:
 Lot no:
 Tax Map#: 3-33-11-107.03
 Name of nearest town: Gumboro
 Distance to nearest town: 1/2 mile

Draw a sketch below showing location of well in relation to at least two county or state roads, give distance from well site to nearest road junction and show a NORTH ARROW.



Site Plan - Include lot size and dimensions, distances from well to house, property lines, nearest road, and all nearby septic systems (include suitable plot plan if available).



FOR OFFICIAL USE ONLY - DO NOT WRITE BELOW THIS LINE

Received By: K. Quade Modified Grid: 154-054
 Amount: 35,000 Drainage Basin: 313
 Date: 6/20/00 Quad: Whodysville

DRBC: YES NO X-Coord: 205811
 Formation: Y-Coord: 53351.5
 Acquired: ND DOT # 111111

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1000 KINGS HIGHWAY
DOVER, DELAWARE 19901

PHONE: 302-739-3665
FAX: 302-739-7764

WELL COMPLETION REPORT
MUST BE RETURNED WITHIN 30
DAYS OF CONSTRUCTION. A
WELL FORMATION LOG MUST BE
INCLUDED WITH THIS REPORT.

- OFFICIAL USE ONLY -

WELL COMPLETION REPORT

PAGE 1 OF 1 PAGES

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED
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WELL CONSTRUCTION METHOD

Permit # of completed well: 172771-w Local ID: _____
Tax Map/Parcel #: 3-33-11-107.03
Property Owner: Lester Wells
Water Well Contractor: Deisey's Well Drilling Lic #: 13
Well Driller in Charge during Construction: Michael G. Daisey

Augered Bored Cable Tool
 Driven Jetted Air Rotary
 Mud Rotary Reverse
 Other (Specify): _____
Total Depth of Excavation: 50'
Construction Date: 6-20-00

CASING INSTALLATION:

INNER CASING

OUTER CASING

CASING TOP:	(1)	(2)	(3)	(4)	(5)	(6)	OUTER CASING
CASING BOTTOM:							<u>12"</u>
CASING DIAMETER:							<u>44'</u>
CASING MATERIAL:							<u>2"</u>
							<u>PVC</u>

SCREEN INSTALLATION

SCREEN TOP:	<u>44'</u>						
SCREEN BOTTOM:	<u>50'</u>						
SCREEN DIAMETER:	<u>2"</u>						
SCREEN MATERIAL:	<u>PVC</u>						

Gravel Pack From: _____ ft. To: _____ ft.
Grout Type: Cement Bentonite Clay
 Other: _____ From: 0' ft. To: 42' ft.
Type of Non-Grout backfill of Well Annulus: Natural
From: 43' To: 50'
Static Water Level: 6 ft. Below OR Above Ground Surface
On (date): 6-20-00 ft. On (date): 6-20-00
Pumping Water Level: 9 ft. On (date): 6-20-00 GPM
After: 1 hrs. Pumping at: 25 GPM
Was a Geophysical Log Taken? YES NO

TYPE OF PERMANENT PUMP INSTALLED:

Pump Manufacturer: _____
Rated Capacity (GPM): _____
Pump Intake Setting: _____ Ft. Below Ground Surface:
Pump Installed By: _____ On (date): _____

The location and construction of this well is in Compliance with all permit conditions and all applicable well construction regulations.
 YES NO

If "NO," attach a copy of the approved well permit showing the revised location clearly marked.

COMMENTS: _____

WELL HEAD COMPLETION:

Type: Pitless Adapter Standard "T"
 Well Pit Pad Mount.
 Other - Specify: _____
Well Head Completed: 12 inches Above (OR) Below Ground Surface
Was the Well Tag attached in accordance with current regulations?
 YES NO If "NO", Please Explain: _____

RECEIVED

1 APR 02 2001

WATER SUPPLY

I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT.

Signature - Well Driller in Charge of Well Construction
Michael G. Daisey

License # 994 Date 6-20-00

