

Q944-02

MAIL TO:

STATE OF DELAWARE

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

WATER SUPPLY SECTION
DIVISION OF WATER RESOURCES
89 KINGS HIGHWAY
DOVER, DELAWARE 19901

DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

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

FAXED

**APPLICATION FOR A PERMIT
TO CONSTRUCT A WELL**

- OFFICIAL USE ONLY -

PHONE: 302-739-3665

FAX: 302-739-7764

PAGE # 4 OF 4 PAGES

PERMIT NO: 189868-2

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE TYPE OR PRINT - USE BLUE OR BLACK INK ONLY

Property Owner: HERBERT MOORE

Address: RT 3 BOX 249

City: FRANKFORD State: DEL Zip: 19945

Telephone Number: 732-1234

Licensed Preparer/WC: PENGLISH

Lic. #: 282 Date of Application: 10/12/02

Estimated Construction Date: 10/20/02

PURPOSE: Test Permanent Temporary for Well Construction

USE: Domestic Irrigation
 Industrial Agricultural
 Public Heat Pump Supply
 Miscellaneous Public Heat Pump Recharge
 Other (Specify): Closed Loop Heat Pump

Is this a replacement well? NO YES (Reason): NO YIELD

Is public water available? NO YES (Utility):

On public sewage? YES OR Septic system permit #: EXISTING

PROPOSED WELL CONSTRUCTION:

	Inner Casing	Outer Casing
Approximate total depth:	<u>70</u> ft.	
Casing top (above grade):	<u>8</u> in.	
Casing bottom (below grade):	<u>60</u> ft.	
Casing diameter:	<u>2"</u>	
Casing material:	<u>PVC</u>	

Proposed screen setting: 60 ft. TO 70 ft. Material: PVC

Type of Grout: CLAY From: 0 To: 20

Gravel pack: NO YES From: 60 To: 70

Maximum capacity: 10 (GPM) Max. Daily Withdrawal: 400 (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.

Signature - Licensed Preparer/Water Well Contractor: Preston English 10/12/02

Signature - Property Owner: Herbert Moore 10/12/02

Please release the contractor's copy of the permit and the well tag to the water well contractor noted on this application:

YES NO

LOCATION MAP - ROAD MAP

County: New Castle Kent Sussex

Subdivision:

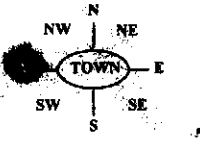
Lot #: _____ ADC Map Grid: _____

Tax Map/Parcel #: 2-33-15

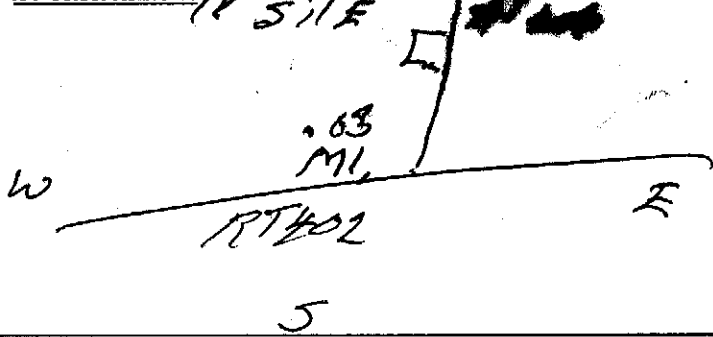
Name of Nearest Town: FRANKFORD

Distance to Nearest Town: 2 MI

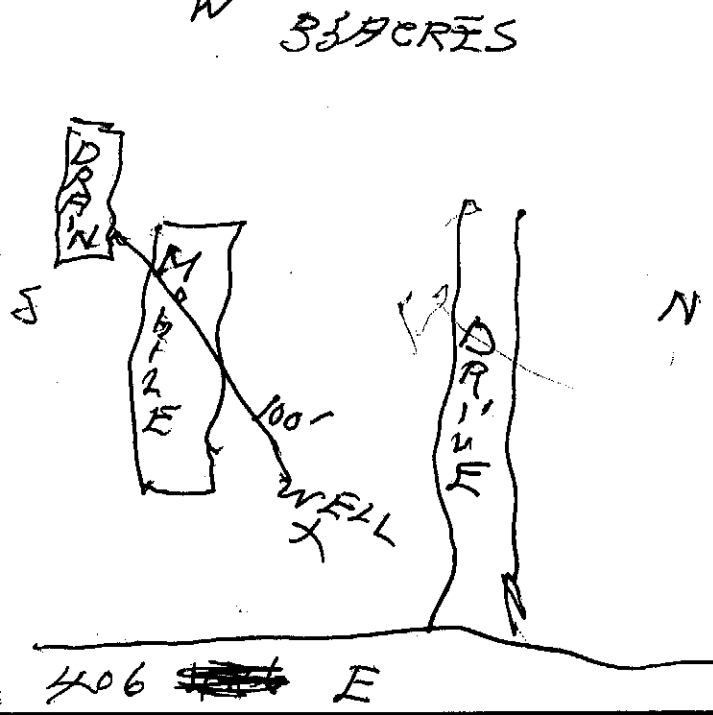
DIRECTION OF WELL FROM TOWN (CIRCLE DIRECTION)



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).



PERMIT #: 189868-2

- FOR OFFICIAL USE ONLY - DO NOT WRITE BELOW THIS LINE -

Received By: [Signature] Modified Grid: 168-064 DRBC: YES NO X - Coord: 213106

Amount: 35 Drainage Basin: 308 H₂O Utility: _____ Y - Coord: 57832.5

Date: 10/15/02 Quad: Millsboro Flood Zone/Coastal: _____ DOT #: _____

pd but would not validate \$ 35.00 10/15/02 misc

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

WELL COMPLETION REPORT

- OFFICIAL USE ONLY -

PAGE _____ OF _____ PAGES

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE PRINT OR TYPE - USE BLUE OR BLACK INK ONLY

Permit # of completed well: 189868 Local ID: _____
Tax Map/Parcel #: 2-33-15-46
Property Owner: HERBERT LAURAMORPE
Water Well Contractor: P. ENGLISH WC Lic #: 282
Well Driller in Charge during Construction: P. ENGLISH

WELL CONSTRUCTION METHOD

- Augered
- Bored
- Cable Tool
- Driven
- Jetted
- Air Rotary
- Mud Rotary
- Reverse
- Washed
- Other (Specify): _____

Total Depth of Excavation: 74
Construction Date: 11/13/02

CASING INSTALLATION:

INNER CASING

OUTER CASING

	(1)	(2)	(3)	(4)	(5)	(6)	
CASING TOP:	<u>18</u>						
CASING BOTTOM:	<u>64</u>						
CASING DIAMETER:	<u>2"</u>						
CASING MATERIAL:	<u>PVC</u>						

SCREEN INSTALLATION

SCREEN TOP:	<u>64</u>						
SCREEN BOTTOM:	<u>74</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: 20 ft.
 Type of Non-Grout backfill of Well Annulus: SAND
 From: 20 To: 64
 Static Water Level: 8 ft. Below OR Above Ground Surface
 On (date): 11/13/02
 Pumping Water Level: 8 ft. On (date): 11/13/02
 After: 2 hrs. Pumping at: 20 GPM
 Was a Geophysical Log Taken? YES NO

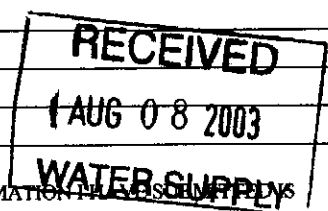
TYPE OF PERMANENT PUMP INSTALLED:

Pump Manufacturer: GORDON
 Rated Capacity (GPM): 10
 Pump Intake Setting: 3 Ft. Below Ground Surface:
 Pump Installed By: ALL READY On (date): 11/13/02
HERE
 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: 8 inches Above (OR) Below Ground Surface
 Was the Well Tag attached in accordance with current regulations?
 YES NO If "NO", Please Explain: _____



I HEREBY AFFIRM THE INFORMATION PROVIDED IS COMPLETELY ACCURATE AND CORRECT.

P. English
Signature - Well Driller in Charge of Well Construction

849
License #

11/13/02
Date

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WELL ABANDONMENT REPORT MUST BE
RETURNED WITHIN 30 DAYS OF
ABANDONMENT.

WELL or SOIL BORING
ABANDONMENT REPORT

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PAGE _____ OF _____ PAGES

PERMIT #: _____

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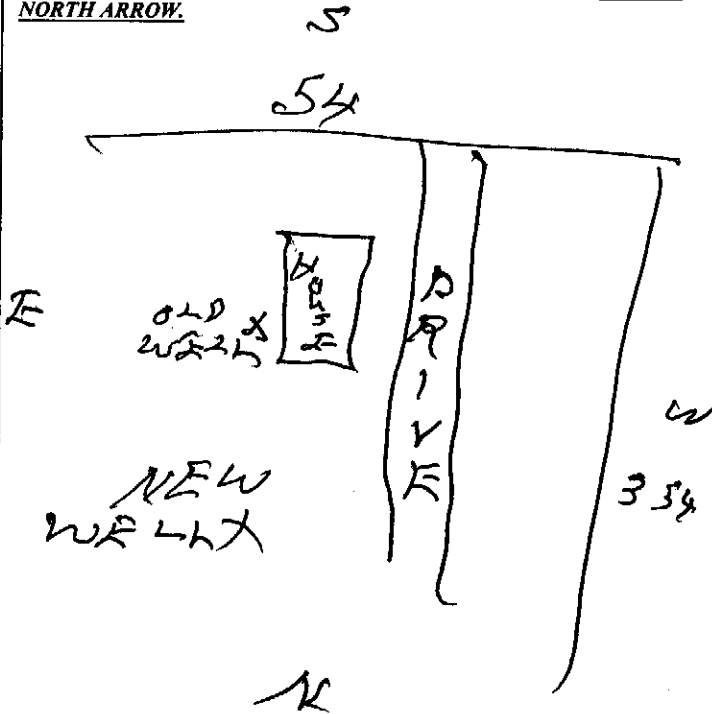
Permit # of Abandoned Well: NO PERMIT
Replacement Well Permit #: 189868
Local ID: _____ Tax Map/Parcel #: 233-15-46

Property Owner: HERBERT LAUDAMOORE
Well Contractor: PENGLISH Lic #: 283
Well Driller in Charge: PENGLISH Lic #: 849
Construction Date of Abandoned Well/Soil Boring: 7
Abandonment Date: 11/14/02

WELL CONSTRUCTION METHOD (if known):

- Augered
- Driven
- Mud Rotary
- Other (Specify): _____
- Bored
- Jetted
- Reverse
- Cable Tool
- Air Rotary
- Washed

PROVIDE A LOCATION SKETCH OF ABANDONED WELL(S)
Draw a sketch below showing location of well in relation to at least two county
or state roads, give distance from site to nearest road junction and SHOW A
NORTH ARROW.



WELL ABANDONMENT:

Casing Material: STEEL
Casing Diameter (inches): 1 1/4
Well Depth: 30
Was any Casing Removed? NO YES
If YES, Amount of Casing Removed (feet): _____
Was Casing Ripped or Perforated? NO YES
Type of Sealing Material Used: CLAY
Sealed From: 0 ft. To: 30 ft.

NOTE: If this form is submitted in place of a completion report for
wells or soil borings installed and abandoned on the same date, a
formation log must be attached. Formation logs must be submitted
on forms provided by DNREC.

The abandonment of this well(s) or soil boring(s) is in compliance with
all permit conditions and with all applicable well construction
regulations.

YES NO

COMMENTS: _____

RECEIVED
AUG 08 2003
WATER SUPPLY

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

Preston English
Signature - Licensed Driller in Charge of Abandonment

849 Well Driller License # 11/14/02 Date

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Received By: _____	Modified Grid: _____	DRBC: <input type="checkbox"/> YES <input type="checkbox"/> NO	X-Coord: _____
Amount: _____	Drainage Basin: _____	H ₂ O Utility: _____	Y-Coord: _____
Date: _____	Quad: _____	Flood Zone/Coastal: _____	DOT #: _____

