

MAIL TO:

QP53-06

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

APPLICATION FOR A PERMIT
TO CONSTRUCT A WELL

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

- OFFICIAL USE ONLY -

PAGE # 4 OF 4 PAGES
PERMIT NO: 208300

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE TYPE OR PRINT - USE BLUE OR BLACK INK ONLY

Property Owner: Beatrice Nelson
Address: Rt 3 Box 205A
City: Millsboro State: De Zip: 19966
Telephone Number: 302-238-7292
Licensed Preparer/WC: Daisey's Well Drilling Inc
Lic. #: D1994 Date of Application: 12-20-04
Estimated Construction Date: 1-5-05

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):

Is public water available? NO YES (Utility):

On public sewage? YES OR Septic system permit #: 205360-5

PROPOSED WELL CONSTRUCTION:

	Inner Casing	Outer Casing
Approximate total depth:	ft.	<u>75</u> ft.
Casing top (above grade):	in.	<u>12"</u> in.
Casing bottom (below grade):	ft.	<u>65'</u> ft.
Casing diameter:		<u>4"</u>
Casing material:		<u>PVC</u>

Proposed screen setting: 65' ft. TO: 75' ft. Material: PVC

Type of Grout: Benbowite From: 0 To: 66'

Gravel pack: NO YES From: 61' To: 75'

Maximum capacity: 20 (GPM) Max. Daily Withdrawal: 800 (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. Daisey 12-20-04
Signature - Licensed Preparer/Water Well Contractor Date

Beatrice Nelson 12-25-04
Signature - Property Owner Date

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: _____

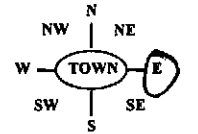
Lot #: _____ ADC Map Grid: _____

Tax Map/Parcel #: 3-33-7-2.01

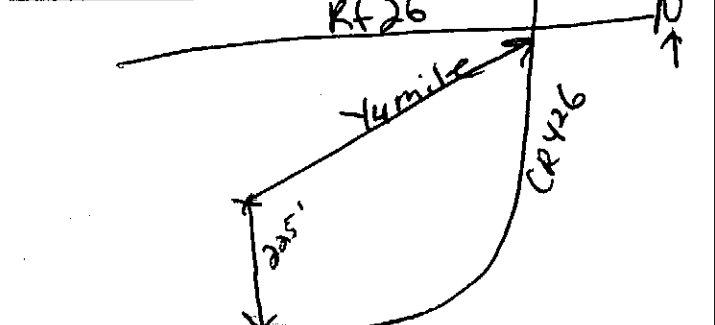
Name of Nearest Town: Gumboro

Distance to Nearest Town: 2 mile

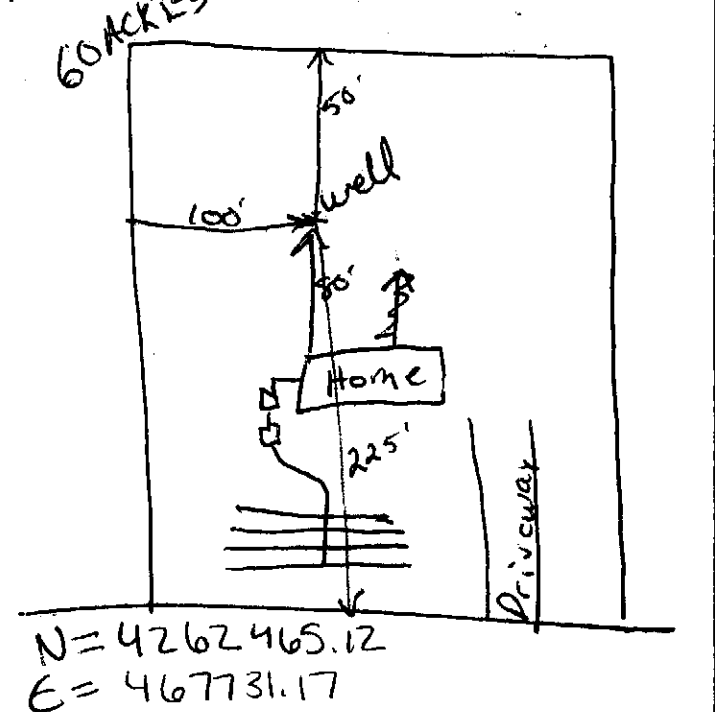
DIRECTION OF WELL FROM TOWN (CIRCLE DIRECTION)



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 #:

208300

RECEIVED

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Received By: _____ Modified Grid: 128-062 DRBC: YES NO X - Coord: 204361

Amount: 1100 Drainage Basin: 313 H₂O Utility: _____ Y - Coord: 56600.2

Date: _____ Quad: Millsboro Flood Zone/Coastal: _____ DOT #: mae3

WATER SUPPLY

White - Water Supply • Canary - Work • Pink - Owner • Goldenrod - Contractor

Doc No. 40-08/85/05/01-EC 2

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DIVISION OF WATER RESOURCES
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STATE OF DELAWARE
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WELL COMPLETION REPORT

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

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

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PAGE _____ OF _____ PAGES

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE PRINT OR TYPE - USE BLUE OR BLACK INK ONLY

WELL CONSTRUCTION METHOD

Permit # of completed well: 208300 Local ID: _____
Tax Map/Parcel #: 3-33-07.00-0002.01
Property Owner: Beatrice Nelson
Water Well Contractor: Dausey's Well Dig, Inc WC Lic #: 133944
Well Driller in Charge during Construction: Michael G. Dausey

Augered Bored Cable Tool
 Driven Jetted Air Rotary
 Mud Rotary Reverse Washed
 Other (Specify): _____
Total Depth of Excavation: 68'
Construction Date: 4-25-05

CASING INSTALLATION:

INNER CASING

OUTER CASING

(1) (2) (3) (4) (5) (6)
CASING TOP: _____
CASING BOTTOM: _____
CASING DIAMETER: _____
CASING MATERIAL: _____

12"
58'
4"
PVC

SCREEN INSTALLATION

SCREEN TOP: 58'
SCREEN BOTTOM: 68'
SCREEN DIAMETER: 4"
SCREEN MATERIAL: PVC

Gravel Pack From: _____ ft. To: _____ ft.

Grout Type: Cement Bentonite Clay
 Other: _____ From: 0 ft. To: 50' ft.

Type of Non-Grout backfill of Well Annulus: Natural
From: 51' To: 68'

Static Water Level: 4 ft. Below OR Above Ground Surface
On (date): 4-25-05

Pumping Water Level: 12 ft. On (date): 4-25-05
After: 1 hrs. Pumping at: 35 GPM

Was a Geophysical Log Taken? YES NO

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
MAY 04 2005
WATER SUPPLY

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: _____

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

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

994
License #

4-25-05
Date

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General Information for: 3-33 7.00 2.01

Owners Name(s):	District - Map - Parcel
NELSON BEATRICE F ESHAM	3-33 7.00 2.01
Billing Address:	Additional Owners:
NELSON BEATRICE F ESHAM PO BOX 832 PARKSLEY, VA 23421	

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