

MAIL TO:

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

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

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

APPLICATION FOR A PERMIT
TO CONSTRUCT A WELL

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE TYPE OR PRINT - USE BLUE OR BLACK INK ONLY
Property Owner: Mary Daisey
Address: RT. 3 Box 189 State: DE Zip: 19945
City: FRANKFORD
Telephone Number: 302-238-7847
Licensed Preparer/WC: DAISEY'S Well Drilling Inc
Lic. #: 13 Date of Application: 9-13-02
Estimated Construction Date: 10-1-02

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):
Is public water available? NO YES (Utility):
On public sewage? YES OR Septic system permit #: 188 9965

PROPOSED WELL CONSTRUCTION:

Inner Casing Outer Casing
Approximate total depth: ft. 270 ft.
Casing top (above grade): in. 12 in.
Casing bottom (below grade): ft. 260 ft.
Casing diameter: 4"
Casing material: PVC
Proposed screen setting: 260 ft. TO 270 ft. Material: PVC
Type of Grout: benzene clay From: 0' To: 240'
Gravel pack: YES From: 241' To: 270'
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.

Signature - Licensed Preparer/Water Well Contractor: Michael G. Daisey Date:
Signature - Property Owner: Mary Daisey Date:

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

RECEIVED NO

Received By: SEP 19 2002

Amount: WATER SUPPLY

Date:

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

Modified Grid: 154-054 DRBC: YES NO

Drainage Basin: 313 H₂O Utility:

Quad: Walleyville Flood Zone: CECL0291

White - Water Supply

Canary - Work

Pink - Owner

Goldensrod - Contractor

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

Rg 21-10

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

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

- OFFICIAL USE ONLY -

PAGE # 4 OF 4 PAGES
PERMIT NO: 189354

LOCATION MAP - ROAD MAP

County: New Castle Kent Sussex

Subdivision:

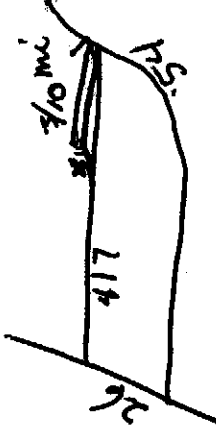
Lot #: _____ ADC Map Grid: _____

Tax Map/Parcel #: 33373290

Name of Nearest Town: Gumboro

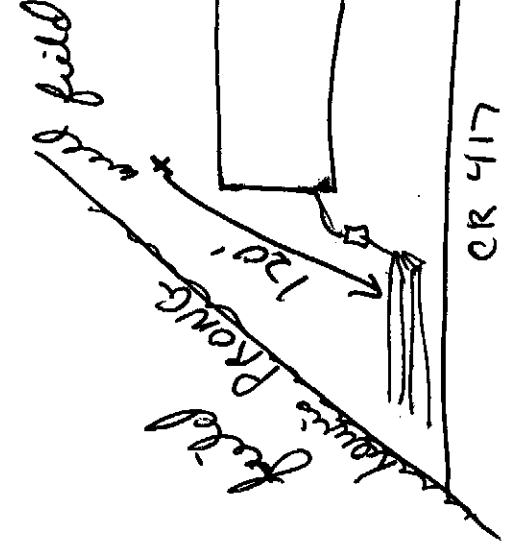
Distance to Nearest Town: 2 mi

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.



TAX: 333-1200-6.03

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 #: 189354-W

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL
WELL COMPLETION REPORT

PERMITTING SECTION
DIVISION OF WATER RESOURCES
1000 WILMINGTON 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 -

PAGE _____ OF _____ PAGES

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

Permit # of completed well: 189354 Local ID: _____
Tax Map/Parcel #: 3-23-12-7.01
Property Owner: Mary Daisey
Water Well Contractor: Mary Daisey's Well Drilling Inc Lic #: 13
Well Driller in Charge during Construction: Michael G. Daisey

WELL CONSTRUCTION METHOD

- Augered
- Bored
- Driven
- Jetted
- Mud Rotary
- Reverse
- Other (Specify): _____

Total Depth of Excavation: 285'
Construction Date: 6-30-03

- Cable Tool
- Air Rotary
- Washed

CASING INSTALLATION:

	(1)	(2)	(3)	(4)	(5)	(6)	OUTER CASING
CASING TOP:							<u>12"</u>
CASING BOTTOM:							<u>275'</u>
CASING DIAMETER:							<u>4"</u>
CASING MATERIAL:							<u>PVC</u>

SCREEN INSTALLATION

SCREEN TOP:							
SCREEN BOTTOM:							
SCREEN DIAMETER:							
SCREEN MATERIAL:							

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

Grout Type: Cement Bentonite Clay
 Other: _____

Type of Non-Grout backfill of Well Annulus: NATURAL
From: 260' To: 285'

Static Water Level: 6 ft. Below OR Above Ground Surface
On (date): 6-30-03

Pumping Water Level: 13 ft. On (date): 6-30-03
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: _____

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:

RECEIVED
MAR 19 2004
WATER SUPPLY
I HAVE SUBMITTED AS

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

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

999 License #
6-30-03 Date

