

RF 24-19

MAIL TO:

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

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.

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: 201866-W

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE TYPE OR PRINT - USE BLUE OR BLACK INK ONLY

Property Owner: Donald & Becky Evans  
Address: 36462 Pear Tree Rd  
City: Millsboro State: De Zip: 19966  
Telephone Number: 238-7762  
Licensed Preparer/WC: Dissey's Well Drilling  
Lic. #: 134994 Date of Application: 6-5-04  
Estimated Construction Date: 6-15-04

PURPOSE:  Test  Permanent  Temporary for Well Construction

USE:  Domestic  Irrigation  
 Industrial  Agricultural Chicken House  
 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 #: N/A

PROPOSED WELL CONSTRUCTION:

	Inner Casing	Outer Casing
Approximate total depth:	ft. <u>60</u>	ft. <u>60</u>
Casing top (above grade):	in. <u>12</u>	in. <u>12</u>
Casing bottom (below grade):	ft. <u>50</u>	ft. <u>50</u>
Casing diameter:		<u>4"</u>
Casing material:		<u>PVC</u>
Proposed screen setting: <u>50</u> ft. TO: <u>60</u> ft. Material: <u>PVC</u>		
Type of Grout: <u>Bentonite Clay</u> From: <u>0'</u> To: <u>45'</u>		
Gravel pack: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES From: <u>46'</u> To: <u>60'</u>		
Maximum capacity: <u>20</u> (GPM) Max. Daily Withdrawal: <u>300</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. Dissey 6-5-04  
Signature - Licensed Preparer/Water Well Contractor Date

Donald & Becky Evans 6-5-04  
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: \_\_\_\_\_

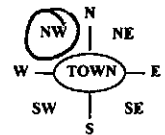
Lot #: \_\_\_\_\_ ADC Map Grid: \_\_\_\_\_

Tax Map/Parcel #: 3-33-11000-500

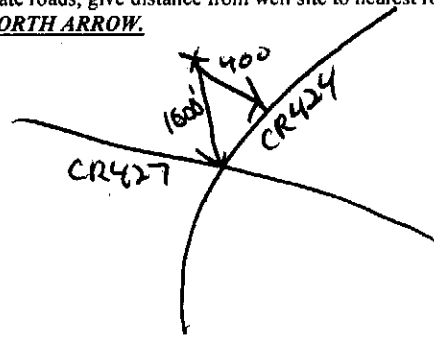
Name of Nearest Town: Bumbaro

Distance to Nearest Town: 1/2 mile

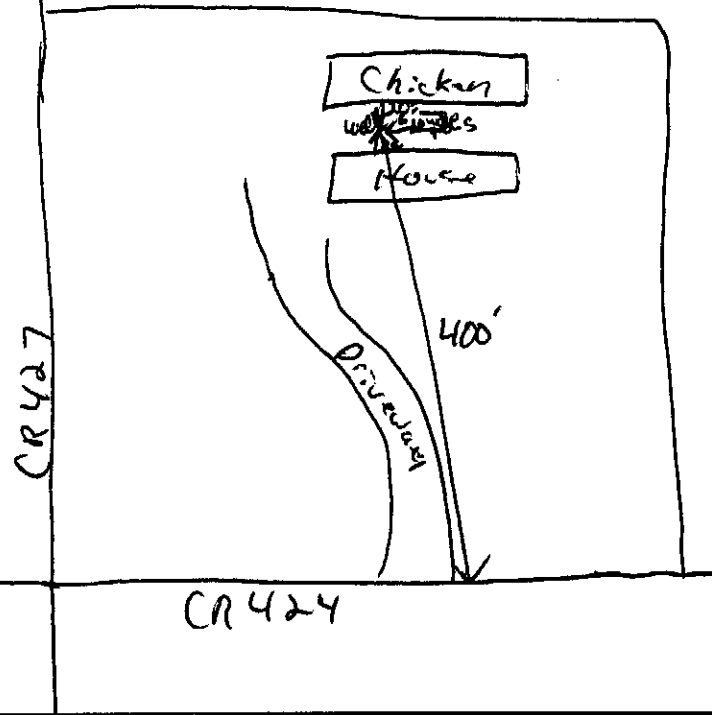
DIRECTION OF WELL FROM TOWN (CIRCLE DIRECTION)



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 #: 201866-W

RECEIVED

Received By: \_\_\_\_\_  
Amount: JUN 8 2004  
Date: \_\_\_\_\_  
WATER SUPPLY

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

Modified Grid: 136-058 DRBC:  YES  NO X - Coord: 203850  
Drainage Basin: 313 H<sub>2</sub>O Utility: \_\_\_\_\_ Y - Coord: 53512  
Quad: Whaleyville Flood Zone/Coastal: \_\_\_\_\_ DOT #: \_\_\_\_\_

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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: 201866 Local ID: \_\_\_\_\_  
Tax Map/Parcel #: 3-33-11-5  
Property Owner: DONALD + BECKY EVANS  
Water Well Contractor: Daisy's Well Drilling Inc Lic #: #13  
Well Driller in Charge during Construction: Michael G Daisy

WELL CONSTRUCTION METHOD

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

Total Depth of Excavation: 58'  
Construction Date: 6-24-04

CASING INSTALLATION:

INNER CASING

OUTER CASING

	(1)	(2)	(3)	(4)	(5)	(6)	
CASING TOP:	_____	_____	_____	_____	_____	_____	<u>12"</u>
CASING BOTTOM:	_____	_____	_____	_____	_____	_____	<u>48"</u>
CASING DIAMETER:	_____	_____	_____	_____	_____	_____	<u>4"</u>
CASING MATERIAL:	_____	_____	_____	_____	_____	_____	<u>PVC</u>

SCREEN INSTALLATION

SCREEN TOP:	<u>48'</u>	_____	_____	_____	_____	_____	
SCREEN BOTTOM:	<u>58'</u>	_____	_____	_____	_____	_____	
SCREEN DIAMETER:	<u>4"</u>	_____	_____	_____	_____	_____	
SCREEN MATERIAL:	<u>PVC</u>	_____	_____	_____	_____	_____	

Gravel Pack From: \_\_\_\_\_ ft. To: \_\_\_\_\_ ft.

Grout Type:  Cement  Bentonite Clay  
 Other: \_\_\_\_\_ From: 0 ft. To: 40' ft.

Type of Non-Grout backfill of Well Annulus: Natural  
From: 41 To: 58'

Static Water Level: 4 ft.  Below OR  Above Ground Surface  
On (date): 6-24-04

Pumping Water Level: 9 ft. On (date): 6-24-04  
After: 1 hrs. Pumping at: 40 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:

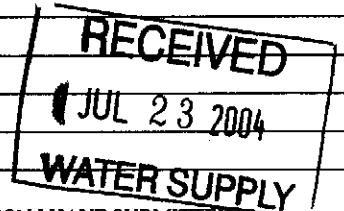
Pump Manufacturer: \_\_\_\_\_  
Rated Capacity (GPM): \_\_\_\_\_  
Pump Intake Setting: \_\_\_\_\_ Ft. Below Ground Surface: \_\_\_\_\_  
Pump Installed By: \_\_\_\_\_ On (date): \_\_\_\_\_

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: \_\_\_\_\_



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

Michael G Daisy  
Signature - Well Driller in Charge of Well Construction

994  
License #

6-24-04  
Date

