

Fax 238-7847

Qg 35-31

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

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

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

- OFFICIAL USE ONLY -

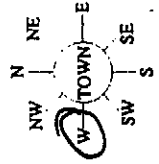
PAGE # 4 OF 4 PAGES
PERMIT NO: 175483-W

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

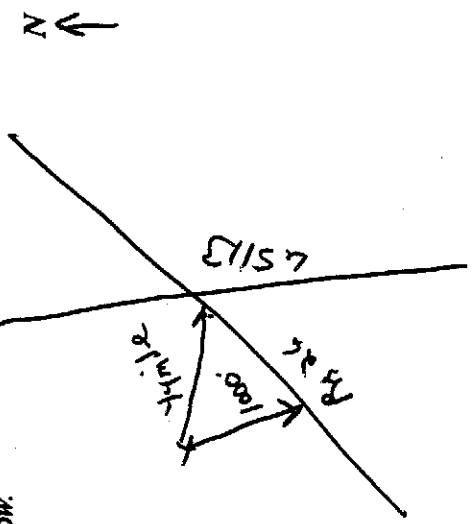
GENERAL INFORMATION
Property Owner: Louis Vickers JR.
Address: RA 1 Box 167 State: DE Zip: 19937
City: Dagsboro Telephone Number: 732-6076
Application Preparer: WC: Michael G. Daisey
Lic. #: 134994 Date of Application: 11-3-00
Estimated Construction Date: 11-14-00

LOCATION MAP - ROAD MAP
County: New Castle Kent Sussex
Subdivision: _____
Lot no: _____
Tax Map#: 2-33-10-74.03
Name of nearest town: Dagsboro
Distance to nearest town: 1 mile

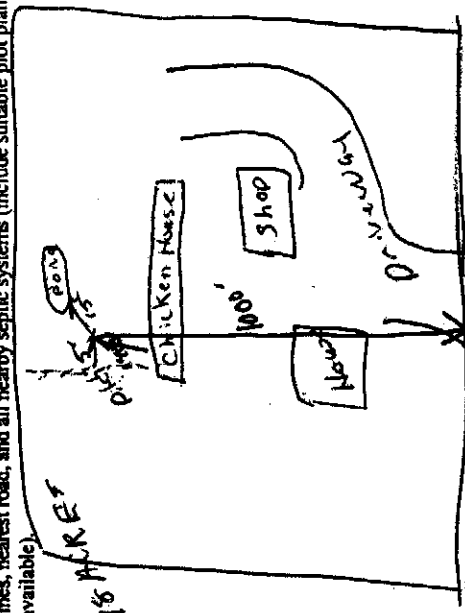
DIRECTION OF WELL
FROM TOWN
(CIRCLE DIRECTION)



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).



Use: Domestic Agricultural LGWA
 Industrial Heat Pump Recharge
 Public Miscellaneous Public Closed Loop Heat Pump
 Temporary For Well Construction Heat Pump Supply
 Other (Specify): _____

Is this a replacement well? NO YES reason: _____
Is public water available? NO YES (Specify): _____
On public sewage: YES OR Septic system permit #: N/A

PROPOSED WELL CONSTRUCTION
Inner Casing Outer Casing

Approximate total depth:	Inner Casing	Outer Casing
Casing top (above grade):		<u>70'</u>
Casing bottom (below grade):		<u>12"</u>
Casing diameter:		<u>60'</u>
Casing material:		<u>4"</u>

Tentative screen setting: 60' (top) To: PVC
Tentative screen length: 10 Material: PVC
Type of Grout: Benantik Clay From: 0' (top) To: 55'
Gravel pack: ENO DYES From: 56' To: 70'
Desired capacity: 30 (GPM) Est. Max. Daily Use: 900 (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: Michael G. Daisey Date: 11-3-00
Signature - Application Preparer / Water Well Contractor
Signature - Property Owner Date: 11-3-00

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

FOR OFFICIAL USE ONLY - DO NOT WRITE BELOW THIS LINE

Received By: RS Stebbins Modified Grid: 18-N-0 X-Coord: 213405
Amount: No fee Drainage Basin: 298 Y-Coord: 1000769
Date: _____ Quad: MILSBORO Aquifer: _____ DOT #: _____

STATE OF DELAWARE
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WELL COMPLETION REPORT

WATER SUPPLY SECTION
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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
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WELL CONSTRUCTION METHOD
 Augered Bored Cable Tool
 Driven Jetted Air Rotary
 Mud Rotary Reverse Washed
 Other (Specify): _____
Total Depth of Excavation: 75'
Construction Date: 11-28-00

Permit # of completed well: 175483 Local ID: _____
Tax Map/Parcel #: 2-33-10-74.03
Property Owner: Louis Vickers
Water Well Contractor: Daisey's Well Drilling Lic # 134994
Well Driller in Charge during Construction: Michael G. Daisey

CASING INSTALLATION:	(1)	(2)	(3)	(4)	(5)	(6)	OUTER CASING
CASING TOP:							<u>12"</u>
CASING BOTTOM:							<u>65'</u>
CASING DIAMETER:							<u>4"</u>
CASING MATERIAL:							<u>PVC</u>

SCREEN INSTALLATION	(1)	(2)	(3)	(4)	(5)	(6)
SCREEN TOP:						
SCREEN BOTTOM:						
SCREEN DIAMETER:						
SCREEN MATERIAL:						

Gravel Pack From: — ft. To: _____ ft.
Grout Type: Cement Bentonite Clay
 Other: _____ From: 3 ft. To: 60 ft.
Type of Non-Grout backfill of Well Annulus: NATURAL
From: 60 To: 75
Static Water Level: 6 ft. Below OR Above Ground Surface
On (date): 11-28-00
Pumping Water Level: 10 ft. On (date): 11-28-00
After: 1 hrs. Pumping at: 50 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 2001
WATER SUPPLY
I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT.
Michael G. Daisey
Signature - Well Driller in Charge of Well Construction
134994 License # 11-28-00 Date

WELL TO:
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 CONSTRUCTION DATE

FORMATION LOG

PAGE _____ OF _____ PAGES

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PERMIT#	175483		LOCAL ID#	
PROPERTY OWNER	Louis Vickers			
WELL CONTRACTOR	DESCRIPTION	TOP OF STRATA	LIC#	BOTTOM OF STRATA
	Top Soil	0'	13 & 994	3'
	Sand & Clay	3'		26'
	Clay	26'		35'
	Sand	35'		62'
	Sand & Gravel	62'		75'

OTHER COMMENTS:

RECEIVED
 MAR 19 2004
 WATER SUPPLY

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

Signature of Well Driller in Charge
 Michael G. Daisey

Licenses#
 13 & 994

Date
 11-28-00