

John House

Q945-08

MAIL TO:

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL
89 KINGS HIGHWAY
DOVER, DELAWARE 19901

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL
APPLICATION FOR A PERMIT
TO CONSTRUCT A WELL

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

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

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

- OFFICIAL USE ONLY -
PAGE # 4 OF 4 PAGES
PERMIT NO: 187770

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PLEASE TYPE OR PRINT - USE BLUE OR BLACK INK ONLY
Property Owner: John L Lynch
Address: P.O. Box 185 State: De Zip: 19945
City: Frankford
Telephone Number: 732-1145
Licensed Preparer/WC: Daisey's Well Drilling INC
Lic. #: 13 Date of Application: 7-16-02
Estimated Construction Date: 7-20-02

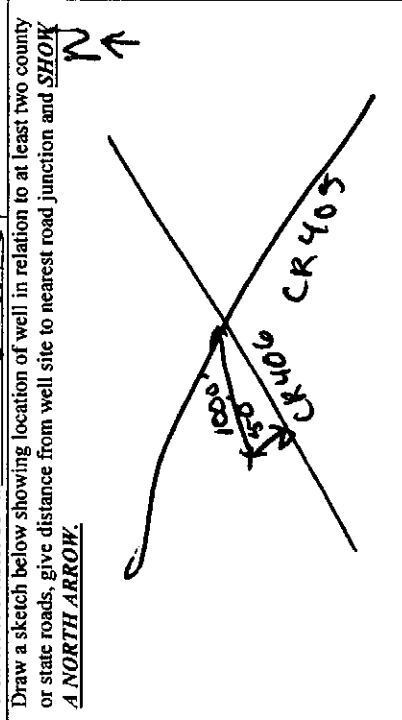
PURPOSE: Test Permanent Temporary for Well Construction
USE: Domestic Irrigation
 Industrial Agricultural
 Public Heat Pump Supply
 Miscellaneous Public Heat Pump Recharge
 Other (Specify): Closed Loop Heat Pump
Is this a replacement well? NO YES (Reason):
Is public water available? NO YES (Utility):
On public sewage? YES OR Septic system permit #: 187346-5

PROPOSED WELL CONSTRUCTION:
Inner Casing Outer Casing
Approximate total depth: ft. 80 ft.
Casing top (above grade): in. 12 in.
Casing bottom (below grade): ft. 70 ft.
Casing diameter: 4"
Casing material: PVC
Proposed screen setting: 70 ft. TO: 80 ft. Material: PVC
Type of Grout: Bentonite Clay From: 0' To: 65'
Gravel pack: YES From: 66' To: 80'
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. Paiey 7-16-02
Signature - Licensed Preparer/Water Well Contractor Date
Randy Lynch 7/16/02
Signature - Property Owner Date

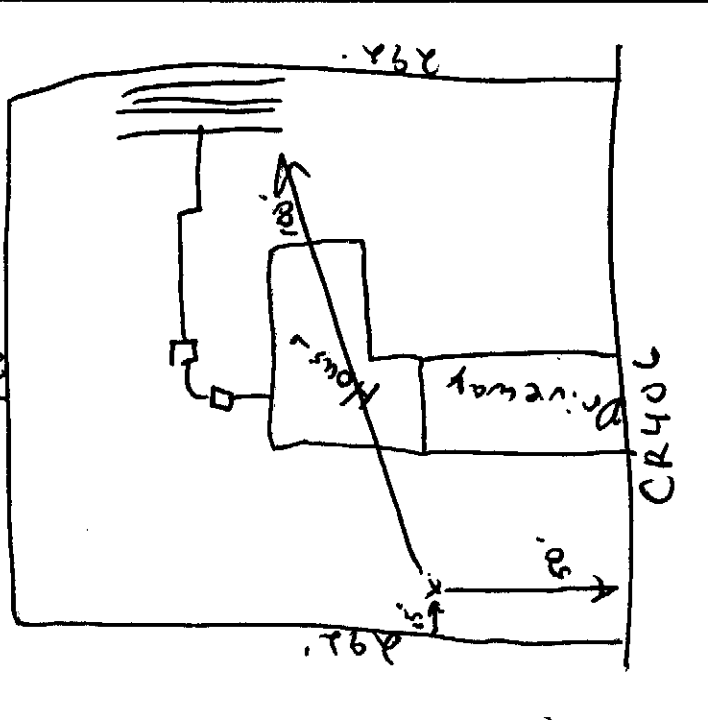
Please release the contractor's copy of the permit and the well tag to the water well contractor noted on this application:
 YES NO

LOCATION MAP - ROAD MAP
County: New Castle Kent SUSSEX
Subdivision:
Lot #: ADC Map Grid:
Tax Map/Parcel #: 2-33-15-2120
Name of Nearest Town: Frankford
Distance to Nearest Town: 2.5 mile



DIRECTION OF WELL FROM TOWN (CIRCLE DIRECTION)
N
NW | NE
W | TOWN | E
SW | S

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).



RECEIVED
Received By:
Amount: JUL 22 2002
Date:

- FOR OFFICIAL USE ONLY - DO NOT WRITE BELOW THIS LINE -
Modified Grid: 1108-0604 DRBC: YES NO
Drainage Basin: 308
Quad: Musboro
Flood Zone/Coastal: 02CL9792
H₂O Utility: DOMESTIC

X - Coord: 213901
Y - Coord: 58255.8
DOT # DOMESTIC

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

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

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

WELL COMPLETION REPORT

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: 187770 Local ID: _____
Tax Map/Parcel #: 2-33-15-213
Property Owner: JOHN L. LYNCH
Water Well Contractor: DATSEY & WELL DRILLERS License #: 13
Well Driller in Charge during Construction: Michael G. Datzsey

WELL CONSTRUCTION METHOD

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

- Cable Tool
- Air Rotary
- Washed

Total Depth of Excavation: 80'
Construction Date: 8-20-02

CASING INSTALLATION:

| (1) | (2) | (3) | (4) | (5) | (6) |
|------------------|-----|-----|-----|-----|--------------|
| CASING TOP: | | | | | OUTER CASING |
| CASING BOTTOM: | | | | | <u>12"</u> |
| CASING DIAMETER: | | | | | <u>40'</u> |
| CASING MATERIAL: | | | | | <u>4"</u> |
| | | | | | <u>PVC</u> |

SCREEN INSTALLATION

| | | | | | |
|------------------|------------|--|--|--|--|
| SCREEN TOP: | <u>70'</u> | | | | |
| SCREEN BOTTOM: | <u>80'</u> | | | | |
| SCREEN DIAMETER: | <u>4"</u> | | | | |
| SCREEN MATERIAL: | <u>PVC</u> | | | | |

Gravel Pack From: ft. To: ft.
 Grout Type: Cement Bentonite Clay
 Other: From: ft. To: 63 ft.
 Type of Non-Grout backfill of Well Annulus: NATURAL
 From: 64' To: 80'
 Static Water Level: 8 ft. Below OR Above Ground Surface
 On (date): 8-20-02
 Pumping Water Level: 17 ft. On (date): 8-20-02 GPM
 After: 1 hrs. Pumping at: 35 GPM
 Was a Geophysical Log Taken? YES NO

WELL HEAD COMPLETION:

Type: Bitless 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

1 JAN 23 2003

WATER SUPPLY

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

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

994

License #

8-20-02

Date

