WELL RECORD Well Permit No. 12156

MAIL COMPLETED FORM TO: WELL WATER SUPPLIES

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION, 1200 BLYTHE BOULEVARD, CHARLOTTE, N. C. 28203

Drilling Contractor Robert M. Oehler

1. Location of property Carson Road,
2. Name of owner Gary Bradford & wife Mary Bradford
   Address 622 Huntersville N.C.
3. Does this well replace an existing well? No
4. Topography (circle one): draw, slope, hilltop, valley, flat
5. Use of well Domestic Date completed 6-1-77
6. Rig type or method Diamond Total depth 55
7. Casing:

	Depth		Inside Diam.	Wall thick. or Wt. ft.	Type
From	0	to 42 ft.	2	in. Steel	Gal

8. Grout:

	Depth		Material	Method
From	0	to 25 ft.	Sand cement	pumped

9. Liner, if used: Depth _____ Diameter _____
   No. holes drilled and abandoned _____
10. Water zones (depth and gpm) 55
11. Static water level: 22 ft. above (below) top of casing
    which is 1 ft. above land surface. Elev. _____
    Date 6-1-77
12. Yield (gpm) 3 Method of testing pumped
13. Pumping water level: 22 ft. after 24 hrs.
    at 3 gpm.
14. Water quality Good Temperature (°F) _____
15. Well sterilization method HTH
16. Permanent pump: _____ Type Jet Make Myers
    Installed – Date 6-1-77 By Robert Oehler
    Capacity 3 gpm. Hp 1/2 TDH _____
    Intake depth 31 Airline depth _____
17. Remarks: _____

DRILLING LOG

Depth From	To	Formation
0	15	Red Clay
15	47	Sand
47	55	Granite

I do hereby certify that this well record is true and exact.

Robert M Oehler Jr.
SIGNATURE OF CONTRACTOR OR AGENT

FORM NO. E-22-5-1-73

Date Received 5/19/77 Apt. No. (S) _____ Application No. (W) 12156

T. C. No. _____

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR WELL WATER SUPPLY PERMIT

NAME OF OWNER [illegible] (LAST) (FIRST) (MIDDLE)

ADDRESS OF OWNER [illegible] Huntersville ZIP 28078

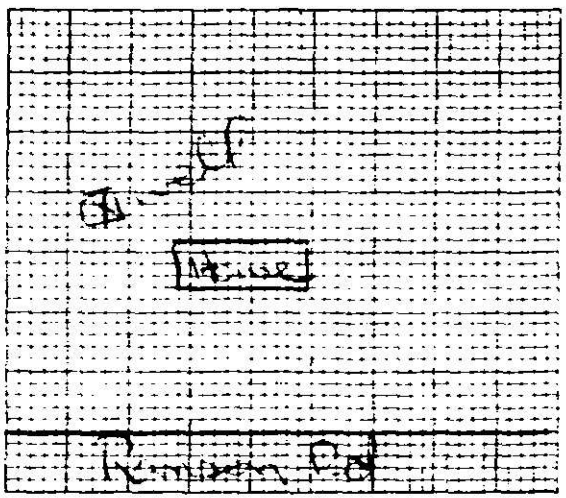
PHONE NO. Home _____ Office _____

LOCATION OF PROPERTY [illegible] (STREET OR COUNTY ROAD)

WELL CONTRACTOR Oehler LICENSE NO. _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for a permit to drill a water well on the hereinabove described lot to be used as a source of ___ individual, ___ semi public, or ___ public water supply

DATE OF APPLICATION _____ OWNER _____



Remarks: _____

ACCURATELY DIAGRAM & DIMENSION LOT

Application approved and permit hereby granted

Permit No.: [illegible]

G. M. Angerlohr
ENVIRONMENTALIST

EHD-S-76

Environmental Health Department's Copy

Date Received _____

APT No. 12156

T. Reynolds 334-2113

T. C. No. 009-061-05

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Ranson, (LAST) Bruce (FIRST) M., Sr. (Heirs) (MIDDLE)

2) ADDRESS OF OWNER c/o Joe W. Ranson, Rt 2, Box 790, Huntersville, N.C. ZIP 28078

3) PHONE NO. Home 875-6650 Office _____

4) LOCATION OF PROPERTY Ranson Rd, #2139, Huntersville, N.C. (STREET OR COUNTY ROAD)

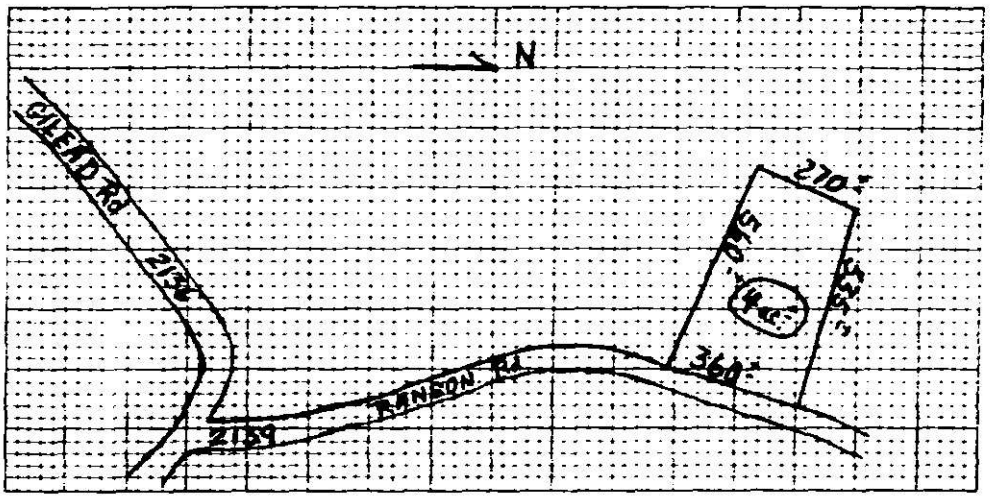
5) SUBDIVISION None LOT NO N/A BLOCK NO. N/A

MAP BOOK NO N/A PAGE NO N/A

6) DEED REFERENCE DEED BOOK 1105 PAGE NO. 81

TAX CODE #009-061-05

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge



7) ACCURATELY DIAGRAM & DIMENSION LOT

Joe W. Ranson
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation April 4, 1977 APT NO. 12156

Owner Bruce McRaven Rev (Trust) To be in Raven T.S. 001-001-05

Location of Property Raven Rd

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Davidson			
2. Soil Slope	Suitable 6-12			
3. Soil Depth	Suitable 740"			
4. Soil Texture	Provisionally suitable Clay			
5. Soil Structure	Provisionally suitable Blocky			
6. Restrictive Horizons	—			
7. Soil Drainage	Suitable water Table 70'			
8. Soil Permeability (Percolation Rate)	Provisionally suitable Moderate			
9. Other	Gemically			
10. Overall Rating	Provisionally Suitable			

Recommendations Raven Rd. Based on this investigation, soil provisionally suitable for installation of a septic tank system was found on the lot. System design should be based on a percolation rate of 60 min/in.

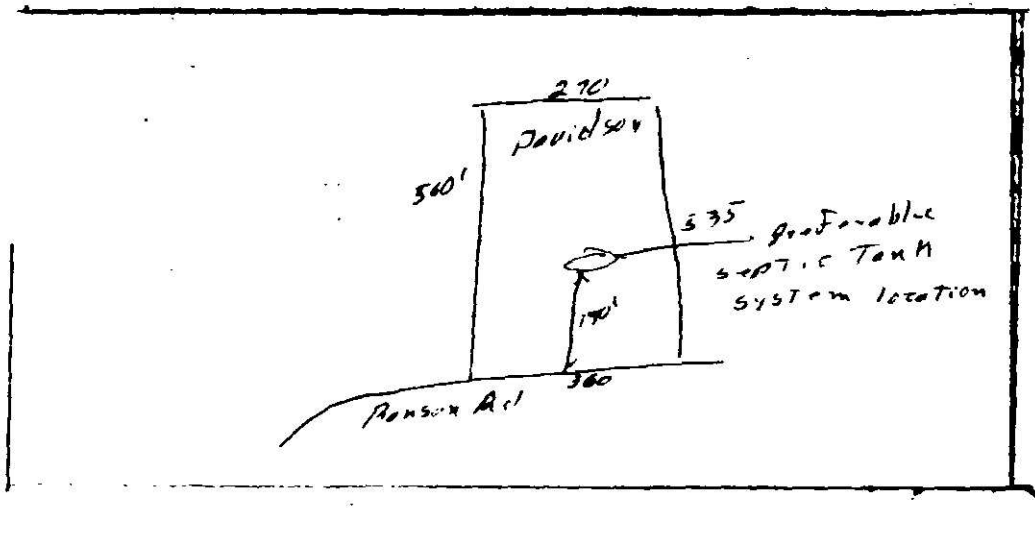
See diagram on back

William A. Marks
Soil Scientist

WEC

3/10/75
EHE 539

DIAGRAM OF PROPERTY



3/18/75

EHS 539

Serial No. 0642

PTR No. 12156

Date Issued 7 April 1977

T. C No. 009-061-09

Map Date

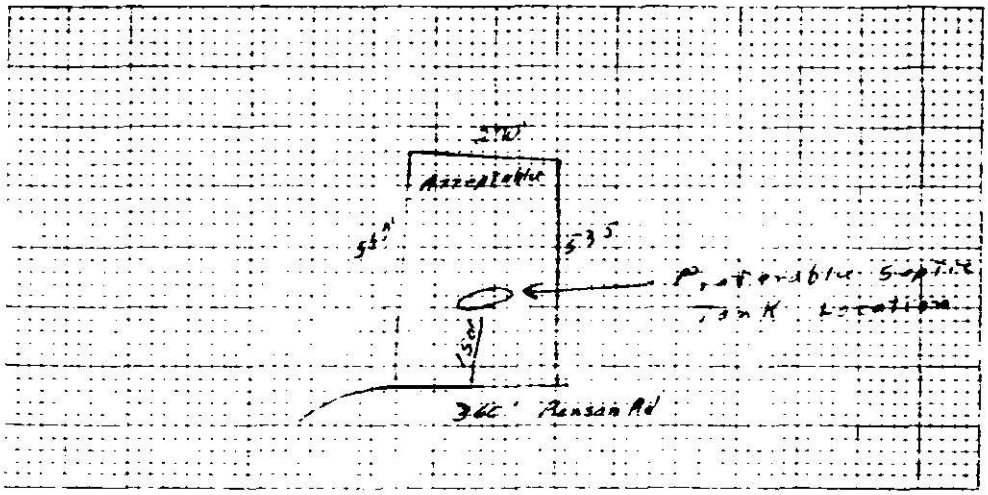
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Ranson, Bruce (LAST, FIRST, MIDDLE)

ADDRESS OF OWNER Rt#2 Box 790 Huntersville ZIP 28078

LOCATION OF PROPERTY Ranson Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO BLOCK NO



PLOT PLAN

...Mecklenburg County. ...tion was conducted ...

Provisionally Suitable
60 Min./ In.

...This lot is approved ... subsurface soil ab- ...

...the Mecklenburg County Depart... ...wastewater treatment ...

2. ...determined by the Mecklenburg ... ...the features above and ...

3. ...for system installation ...

...granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws, rules and regulations are changed such that the approval would not have been granted had the new or revised laws, rules and regulations been in effect on the issue date.

William R. Martin
Soil Scientist

John R. Ransom
Environmental Health Director or Authorized Section Head

EHS 5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 7 April 1977

ICAR(S) Application No. 12156

T. C. No. 009-061-05

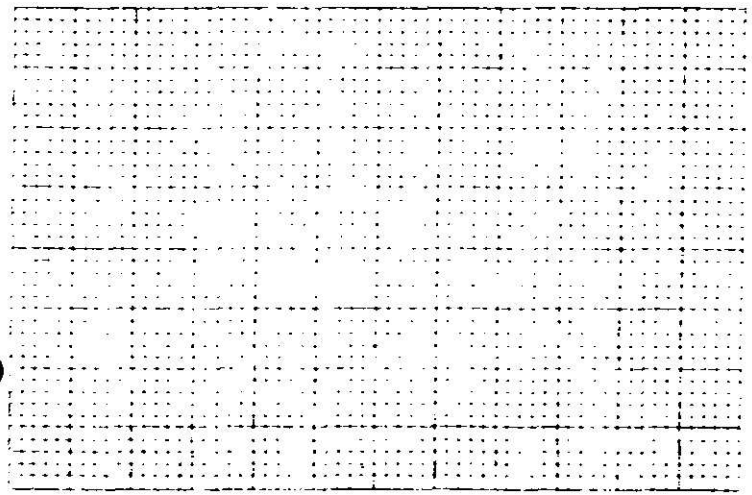
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) XX Install or Construct 2) Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption effluent discharge



3) PLOT PLAN (ACCURATELY DIMENSIONED)

4) Mobile Home X Yes No
Residence Yes No
5) No. of Bedrooms 3
6) Business Use Max. No. Employees X
7) Washing Machine Yes X No
8) Garbage Disposal X Yes No
9) Dishwasher Yes X No
10) Water Supply X
A. Individual well
B. Governmental System
C. Community System
1. Well source
2. Governmental source
11) Sewage System
House located within 200 feet of public sewer Yes X No
House located within 200 feet of community sewer Yes X No
12) FHA Case No.
13) VA Case No.

13) NAME OF OWNER Ranson, Bruce Sr.
LAST FIRST MIDDLE

14) ADDRESS OF OWNER Rt#2 Box 790 Huntersville 28078

15) PHONE NO Home 875-6650 Office

16) LOCATION OF SYSTEM Ranson Road
STREET OR COUNTY ROAD

17) SUBDIVISION Lot No. Block No.

Map Book No. Page No.

18) DEED REFERENCE — DEED BOOK AT PAGE

19) HAS A SOIL INVESTIGATION BEEN RUN? YES NO DATE RUN.

20) PTR NUMBER (See Instructions)

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

DATE OF APPLICATION

Mary E Bradford
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued 7 April 1977 Serial No. 0654 LA No. 12156

T. C. No. 009-061-05

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Ranson, Bruce Sr. (LAST / FIRST / MIDDLE)

ADDRESS OF OWNER Rt# 2 Box 790 Huntersville ZIP 28078

LOCATION OF LOT Ranson Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number _____. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

F. W. Zeyruhn
Environmentalist

John R. Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

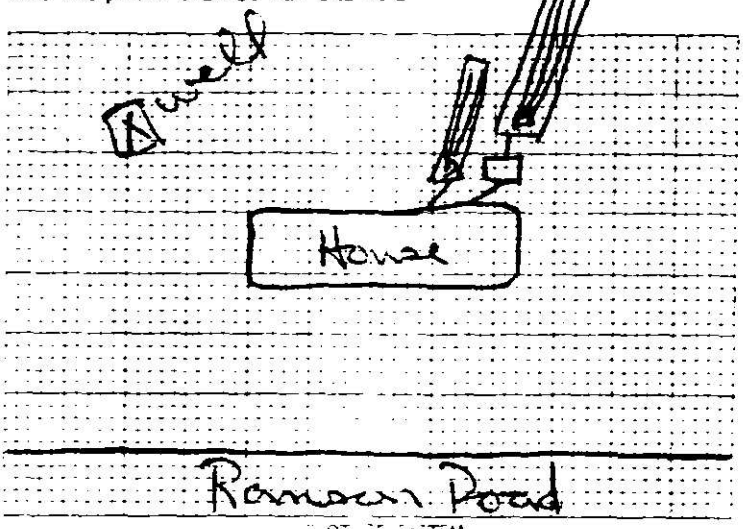
Date Issued 19 May 77 Serial No. 0758 ICAR(S) Permit No. 12156

T C No 009-061-05

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 12156 dated ____ and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 19 June 77 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 60

Septic Capacity of Tank 1500 gal

Tank Construction Precast Cement

Absorption Trench Dimensions

Total Line Length 600' - 150'

Number of Lines 6 - 3

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Bradford, Gary

LOCATION OF PROPERTY Ronson Road

This system shall meet all the minimum requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. **The issuance of this permit does not in anyway guarantee that the system anticipated to be construced will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.**

Comments Aeration pvt.

Division or Section Head

R. M. Reynolds
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

Environmental Health Department's Copy

Date Issued 16 June 77 Serial No. 0841

C of A (s) No. 12156

T C. No. 609-061-05

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Bradford, Gary
LAST FIRST MIDDLE

Location of Property Ramsan Rd

Application Number 12156 Permit Number 12156

Inspection Data:

Liquid Capacity of Tank 1500gal Tank Material Precast Concrete

Total Length of Drain Tile 400ft-150ft Number of Lines 5-4

Depth of Filter Material 17" Cover Depth 24"

Water Supply Source well Distance from Water Source 80ft

Excavation Inspected 16 June 77 DATE Tank Inspected 16 June 77 DATE

Nitrification Field Inspected 16 June 77 DATE

Washing Machine Line Inspected If Applicable 16 June 77 DATE

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit and in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments aeration O.K.

G. M. Reynolds
Environmentalist

EHD-5-76

Environmental Health Department's Copy