



Walk-over

County Of Louisa  
P.O. Box 160  
Louisa, Virginia 23093  
(540) 967-3430  
Fax: (540) 967-3486

**Development Permit  
Zoning & Building**  
(Complete the Appropriate Areas)

ZONING PERMIT #: 1529-05  
BUILDING PERMIT #: 1205-05

Expiration Date: 11/14/07

Owner/Applicant: Bullock, Thomas J. & Crystal J. Denton  
Address: 2779 Pendleton Rd. Mineral VA - 2117 Phone #: 704-5374  
Contractor Name and Address: \_\_\_\_\_ Cell Phone #: 704-350-  
State License No. \_\_\_\_\_  A  B  C Classification \_\_\_\_\_ Expiration Date: 3037  
County License No. \_\_\_\_\_ Date Issued: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Tradesman Certification: \_\_\_\_\_ Date Issued: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Tax Map No. 59 9 Parcel No. \_\_\_\_\_ Lot No. 9 Building No. \_\_\_\_\_  
Magisterial District Mineral Present Acreage 77 325 Proposed Acreage \_\_\_\_\_  
CUP/SEP \_\_\_\_\_ Variance \_\_\_\_\_ Flood Plain \_\_\_\_\_  
Zoning Classification A-2 Subdivision NO State Route 522  
Deed Book/Page No. 745/746 Plat Book No. \_\_\_\_\_ Site Plan \_\_\_\_\_  
Directions to Site: 22 through Mineral - turn right on 522  
to the driveway next to Walton Lumber  
Existing Structures on Property: HOUSE, GUEST HOUSE

**Class of Work:**  
 New Building  Addition  Repairs/Alteration  Change of Use  Other  
**Structure:**  
 Single-Family  Modular  Multi-Family  
 Double-wide Mobile Home  Single-wide Mobile Home  Commercial/Industrial  
 Double-wide Manufactured Home  Single-wide Manufactured Home  Other Accessory Apartment  
 Agricultural  Percolation Test

No. of Bedrooms Adding 1 Bedroom 100% Reserve Mandatory   
Type of Water Supply: Public  Private (well)   
Type of Sewage Disposal: Public  Private (septic tank)

**REQUIRED SETBACKS:** Front 100' Rear 35' Left Side 20' Right Side 20'  
Acknowledged By: X AS from the edge of an assumed 50' R/W

I declare that the statements made and the information given on this Application are true, full and correct to the best of my knowledge and belief and I agree to conform to all Zoning and Building Regulations. I give my permission to the County Zoning Administrator, Building Inspector and Sanitation Officer to enter onto this property for appropriate inspection. I also acknowledge the comments made by the Zoning Administrator or designated agent and the setbacks requirements stated on this form.

Signature of Owner or Authorized Agent: X AS Date: 11/15/05

Approved by Zoning Administrator or Designated Agent: Chuckles Date: 11/15/05

**COMMENTS:** ~~Accessory Apartment~~  
Accessory Apartment  
Letter stating use before issuance of Bldg Permit  
Additional structure to be used for members of  
immediate family, or caregivers of the owner.  
Section 850-73(1) Accessory Apartment  
As Defined

Erosion and Sediment Control  Agreement  Plan



**COMMONWEALTH OF VIRGINIA  
VIRGINIA DEPARTMENT OF HEALTH**

Louisa County Health Department

PO Box 336

Louisa, VA 23093

(540) 967-3707

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**SEWAGE DISPOSAL SYSTEM OPERATION PERMIT**

Tax Map No.: 59-9-130

Type of Property: Residential

Health Dept. Id. 154-04-0288

**Bullock, Thomas and Denton, Crystal, 2379 Pendleton Rd, Mineral, VA 23117**, is Hereby Granted Permission to Operate a **Type II** Sewage System, Having Design Capacity of 600 gallons per day, and 4 Bedrooms at Rt 522/700, Mineral, VA 23117.

Subdivision	Section	Lot

This Permit is Issued in Accordance with the Provisions of Title 32.1, Chapter 6 of the Code of Virginia as Amended and Section(s) 12-VAC5-610-340 of Sewage Handling Disposal Regulations of Virginia Department of Health.

February 23, 2005

Effective Date

Mark Mongold

EHS

Approved



**COMMONWEALTH OF VIRGINIA  
VIRGINIA DEPARTMENT OF HEALTH**

Louisa County Health Department

PO Box 336

Louisa, VA 23093

(540) 967-3707

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***PRIVATE WELL SYSTEM OPERATION PERMIT***

Tax Map No.: 59-9-130

Health Dept. Id. 154-04-0749

**Bullock, Thomas and Denton, Crystal, 2379 Pendleton Rd, Mineral, VA 23117**, is Hereby  
Granted Permission to Operate a **Class IIIB** Well, located at Rt 522/700, Mineral, VA 23117.

Subdivision	Section	Lot

This Permit is Issued in Accordance with the Provisions of Title 32.1, Chapter 6 of the Code of Virginia as Amended and Section(s) 12-VAC5-630-330 of Private Well Regulations of the Virginia Department of Health.

February 23, 2005

**Effective Date**

Mark Mongold

**EHS**

Handwritten signature of Mark Mongold in black ink.

**Approved**

Verbal

11-17-2004

IDA

59-9-130

# Completion Statement

**Commonwealth of Virginia  
State Department of Health**

Health Department  
Identification Number 154-04-0288  
Health Department Louisa

Nuckols Enterprises Inc.  
867 Seay Road Manakin-Sabot, VA 23103 (804)749-4149

Owner's Name: Bullock, Thomas & Denton, Crystal

Owner's Address: 2379 Pendleton Road Mineral, VA 23117

Location of Installation: Lot \_\_\_\_\_ Block/Section: \_\_\_\_\_

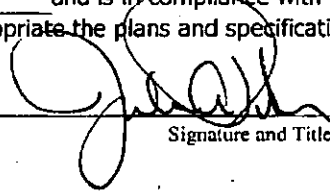
Subdivision: \_\_\_\_\_

Other: Pendleton Road

I hereby certify that the onsite sewage disposal system has been installed and completed in accordance with the construction permit issued (date) 03/30/04 and is in compliance with Part D of the Sewage Handling and Disposal Regulations and when appropriate the plans and specifications for the project.

07/29/04

Date



Sec/Treas

Signature and Title

2379 Pendleton Rd  
Mineral, VA

Commonwealth of Virginia  
Uniform Water Well Completion Report

Owner: Bullock, Thomas and Denton, Crystal  
Address: 2379 Pendleton Rd  
Mineral, Va. 23117  
Phone: \_\_\_\_\_  
Location: Rt 522-700 Behind Walton Lumber Co

Tax Map ID: 599130  
VDH Permit 154040799  
VWCB Permit \_\_\_\_\_  
VWCB ID \_\_\_\_\_  
County Louisa

\* Well Data \*

General Information  
Drilling Method Air Rotary  
Depth to Bedrock 92  
Static Water Level \_\_\_\_\_  
Well Disinfected (Y or N) N

Date Completed 8/18/04  
Yield 40 (GMP)  
Stabilized Water Level \_\_\_\_\_  
Disinfectant Used NA

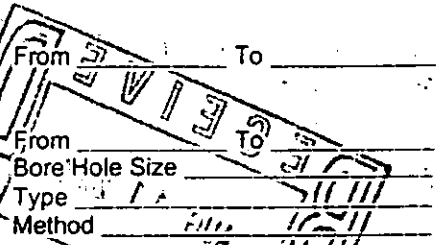
Total Depth of Well 180  
Length of Test \_\_\_\_\_  
Natural Flow (Rate) 40 gpm  
Amount Used NA

Casing  
From 11 To 96  
Size 6 7/8 Material pvc  
Weight/Schedule Sch 40

From \_\_\_\_\_ To \_\_\_\_\_  
Size \_\_\_\_\_ Material \_\_\_\_\_  
Weight/Schedule \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
Size \_\_\_\_\_ Material \_\_\_\_\_  
Weight/Schedule \_\_\_\_\_

Gravel Pack  
From \_\_\_\_\_ To \_\_\_\_\_



From \_\_\_\_\_ To \_\_\_\_\_

Grout  
From 0 To 50  
Bore Hole Size 10"  
Type Benonite  
Method pumped

From \_\_\_\_\_ To \_\_\_\_\_  
Bore Hole Size \_\_\_\_\_  
Type \_\_\_\_\_  
Method \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
Bore Hole Size \_\_\_\_\_  
Type \_\_\_\_\_  
Method \_\_\_\_\_

Water Zones or Screened Intervals  
From 160 To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_  
Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

\* Use Data \*

Private Well: Domestic  Agricultural \_\_\_\_\_ Industrial \_\_\_\_\_ Monitoring \_\_\_\_\_  
Public Well: Community \_\_\_\_\_ Non-community \_\_\_\_\_

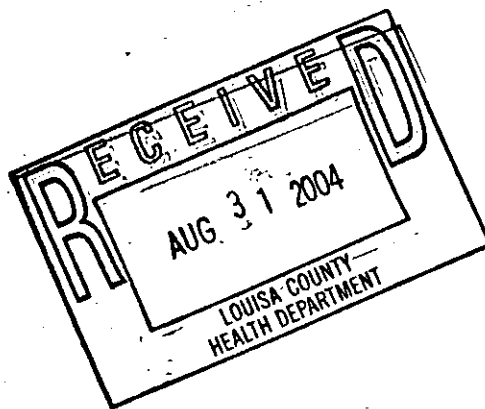
\* Abandonment Information \*

Bored or Dug Wells  
Casing Removed, Y or N? \_\_\_\_\_  
Y, Depth to which casing was removed: \_\_\_\_\_  
Depth and Type of Fill: \_\_\_\_\_  
Source of Fill: \_\_\_\_\_  
 Bentonite Plugs: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_  
Method of permanently marking location: \_\_\_\_\_

Wells other than Bored Wells  
Casing removed, Y or N? \_\_\_\_\_  
Depth to which casing was removed: \_\_\_\_\_  
Applicable, depth(s), and type of gravel/sand fill: \_\_\_\_\_  
Source of gravel or sand: \_\_\_\_\_  
Cement: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_

\* Drillers Log \*

Depth	Description of Formation or Sediment	Remarks
0-25	Red Clay	Campbell Lp6
25-92	Brown Sandy	Well Cap
92-180	Granite	



(Use Additional Sheets if necessary)

I certify that the information contained here is true and that this well was installed and constructed in accordance with the permit and further the well complies with all applicable state and local regulations, ordinances and laws.

Name Mid Virginia Water Wells, LLC  
Address Po Box 838  
Mineral Va. 23117  
Phone 540 844 8520  
Drillers Signature Jane E. Deumh  
Date 8/18/04 Representing MVWW LLC  
Virginia Contractors License Number 2705-05-4164

**OAKWOOD SCIENTIFIC LABORATORY**  
State Certified Bacteriological Water Testing



7102 Pole Green Road  
Mechanicsville, VA 23116

(804) 730-3263  
1-800-582-5211

Date: 11/15/04

Bacteriological Examination of Water

Sample Number: 111304-1 Bullock

Requested by: Mission Homecrafters/Permit 0001432-2003

Sample Origin: Mr. Thomas Bullock  
2396 Pendleton Rd.  
Mineral, VA 23117

Identification of Coliform Group Bacteria

	Positive	Negative
Presumptive Test	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Confirmed Test	<input type="checkbox"/>	<input type="checkbox"/>

EC Broth \_\_\_\_\_ Fecal coliforms per 100 ml.

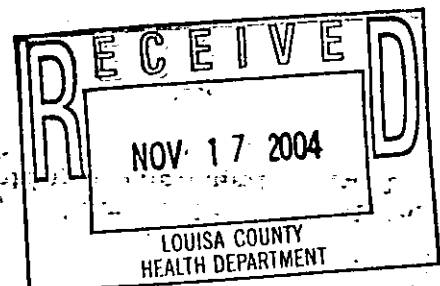
- Test results indicate the sample submitted by client is free of coliform group bacteria, thus is satisfactory for drinking water supply. Total coliforms, fecal coliforms and *E. coli* are absent.
- Test results indicate the sample submitted by client contains coliform group bacteria, thus may not be satisfactory for drinking water supply.

The above services were performed and the report prepared in accordance with accepted laboratory practices, and makes no other warranties, either expressed or implied, as to the professional advice provided herein.

Respectfully,

Dr. Ronald R. Weik, Ph.D.  
Director, Microbiology

Simonetta M. Weik  
Assistant Director





Louisa County Health  
Department  
PO Box 336  
Louisa, VA  
23093  
(540) 967-3707  
(540) 967-3706 (Fax)

**Private Well Construction Permit**  
Health Department ID Number: 154-04-0749

<b>Owner Information</b>		
Bullock, Thomas and Denton, Crystal 2379 Pendleton Rd Mineral, VA 23117	Phone:	

<b>Location Information</b>			
Subdivision Name:		Tax Map:	59-9-130
Property Address:	Rt 522/700	GPIN:	
County:	Louisa	Legal Description:	Section Block Lot
Directions:	22E/522S, lot at interseciton of Rt 522/700 at Pendleton, on right across from 700, 911 address of 2371 on mailbox		

<b>General Information</b>			
Well Class:	Class IIIB	Minimum Casing Depth:	50 feet
		Minimum Grout Depth:	50 feet

Comments:

This permit is issued based upon a site evaluation conducted by Nicole Waddy, EHS on [EVALUATION DATE].

**Notice:** The Virginia Department of Health may revoke or modify this permit if, at a later date, it finds the conditions that formed the basis for issuing the permit do not substantially comply with the *Private Well Regulations*, 12 VAC 5-630-10 et seq., or if the well would threaten public health or the environment.



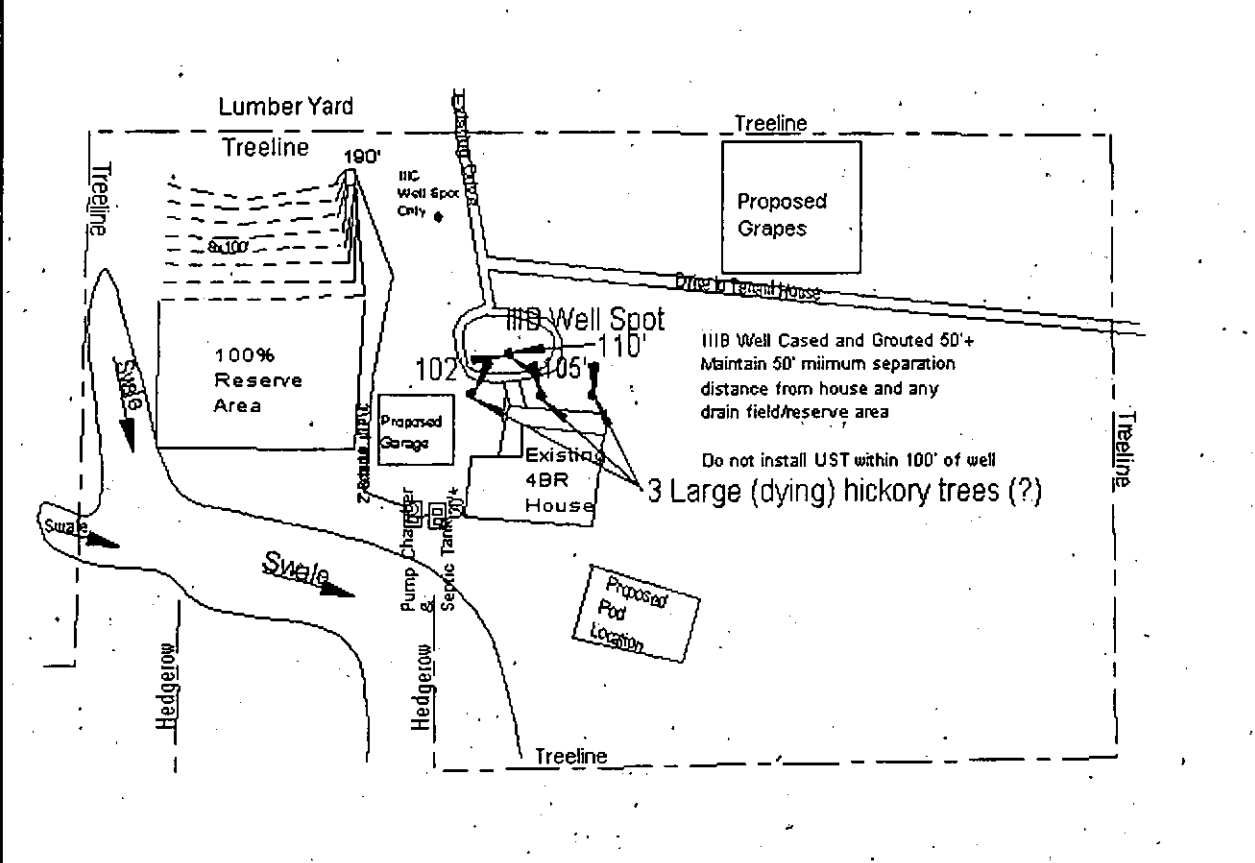
**Owner Information**

Bullock, Thomas and Denton, Crystal  
2379 Pendleton Rd  
Mineral, VA 23117

Phone:  
HD ID #: 154-04-0749

**Construction Drawing**

Scale drawing of the well site and related features.



Show the property lines, all existing and proposed structures, existing and proposed sewage systems and water supplies, slope, and any topographic features which may impact the design of the well.

Issued by: Nicole Waddy

08/18/2004  
Issue Date

02/18/2009  
Expiration Date

Permit I.D.#: 154-04-749  
 Owner: Thomas Bullock / Crystal Denton  
 Agent: \_\_\_\_\_  
 Tax Map #: 59-9-130  
 Subdivision: \_\_\_\_\_ Lot: \_\_\_\_\_

Combination Permit       Repair Permit       Septic Permit       Well Permit  
 Well Abandonment       Certification Letter

	DATE	INITIALS
Application Received	<u>8/11/04</u>	<u>PUB</u>
Assigned To: <u>D. Wedley</u>	<u>8/11/04</u>	<u>PUB</u>
AOSE Submittal <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Site Visit Scheduled	_____	_____
Time: _____		
Comments: _____		

Site Visit Rescheduled \_\_\_\_\_

Time: \_\_\_\_\_

Site Visit Made 8/16 SM

Date Given to OSS 8/18

Data Entry \_\_\_\_\_

Construction Permit       Issued       Denied  
 Certification Letter       Issued       Denied  
 Survey Received       Yes       No

Construction Permit Mailed \_\_\_\_\_

Construction Permit Picked-Up \_\_\_\_\_

Septic Maintenance \_\_\_\_\_

*Call Marion at Mid Va when ready*

SITE VISIT WORKSHEET

Date: \_\_\_\_\_ HD ID #: 154 - 04 - 749

Owner: Thomas Bullock / Crystal Barton

Directions: \_\_\_\_\_

Type of Well to be Installed:  IIIA  IIIB  IIIC  IIV Additional Grout:  YES  NO Amount: \_\_\_\_\_

Evaluation Method:  Hand Auger  Pits  Other: \_\_\_\_\_

Position in Landscape Satisfactory:  YES  NO

Position Type:  Sideslope  Other: \_\_\_\_\_

Slope: 23% Depth to Rock/Impervious Strata: \_\_\_\_\_

Depth of Seasonal Water: \_\_\_\_\_ Free Water Present:  YES  NO

Other Limiting Feature Present?  YES  NO Description: \_\_\_\_\_

Soil Group:  I  II  III  IIV Permeability: \_\_\_\_\_ Minutes Per Inch

Permeability Estimated At: \_\_\_\_\_ inches Permeability Test Performed:  YES  NO

Type of Test:  Percolation  Double Ring Infiltrometer  Amcozometer

Treatment Level:  Primary  Secondary  Advanced Secondary

Length of Site (On Contour): \_\_\_\_\_ Width of Site (Up & Down Hill): \_\_\_\_\_

Septic Tank Capacity (Gallons):  750  900  1200  1500 Number of Septic Tanks: \_\_\_\_\_

Distribution:  Gravity  Pump  Enhanced Flow Number of Boxes:  1  Other \_\_\_\_\_

Conveyance Line Diameter:  4"  Other: \_\_\_\_\_ Number of Ports Per Box:  6  Other \_\_\_\_\_

**Pump Specifications:** Pump Chamber Size: \_\_\_\_\_ gallons 1/4 Day Storage: \_\_\_\_\_ gallons

Drawdown (Each Pump Cycle): \_\_\_\_\_ gallons \_\_\_\_\_ inches

Maximum Pump Cycle Time: \_\_\_\_\_ Mins. \_\_\_\_\_ Secs. Minimum Pump Capacity: \_\_\_\_\_ GPM

Pump must provide a minimum of \_\_\_\_\_ gallons per minutes at System Head.

**Absorption Area:** Number of laterals: \_\_\_\_\_ Length: \_\_\_\_\_ Feet Width:  3'  Other: \_\_\_\_\_

Center to Center:  9'  10'  11'  Other: \_\_\_\_\_

Aggregate Depth  13"  Other: \_\_\_\_\_ Installation Depth: \_\_\_\_\_

Time In: \_\_\_\_\_

Time Out: \_\_\_\_\_

Neil Waddy  
Environmental Health Specialist Senior - Signature



Louisa County Health  
Department  
PO Box 336  
Louisa, VA

(540) 967-3707  
(540) 967-3706 (Fax)

**Septic Tank - Soil Absorption System Construction Permit**  
Health Department ID Number: 154-04-0288

<b>Owner Information</b>		
Bullock, Thomas and Denton, Crystal 2379 Pendleton Rd Mineral, VA 23117	Phone:	

<b>Location Information</b>		
Subdivision Name:	Tax Map:	59-9 - 130
Property Address: Rt 522/700	GPIN:	
County: Louisa	Legal Description:	Section Block Lot
Directions: 22E/522S, lot at interseciton of Rt 522/700 at Pendleton, on right across from 700, 911 address of 2371 on mailbox		

<b>General Information</b>	
System Type:	Number of Bedrooms: 4
Type of Property: Residential	Daily Flow: 600 gallons
Conditions:	

<b>Sewer Line</b>	<b>Distribution Box Information</b>
[Default 4"] SCH 40 PVC or equivalent	No. of Boxes: 1
	No. of Outlets: 9

<b>Conveyance Line/Force Main Information</b>	<b>Header Line Information</b>
Method: Pump to Distribution Box	1500# crush
Material: Pressure type with pressure-type joints	Minimum slope 2"
Pipe Diameter: 2"	
Slope: only for non-pump - 6" per 100'	

<b>Septic Tank - Inlet Outlet Structure</b>	<b>Percolation Lines and Absorption Area</b>
Capacity: 1200 gallons	Slope: 2-4" per 100'
The inlet structure shall be one to two inches higher than the outlet structure and shall extend six to eight inches below and eight to ten inches above the normal liquid level. The outlet structure shall extend 35-40% below the normal liquid level and eight to ten inches above the normal liquid level.	Percolation lines: 4" diameter
To comply with the maintenance requirements of 12 VAC 5-610-817 the septic tank must be provided with one of the following three options:	Center to Center Spacing: 9'
1. Inspection port.	Installation Depth: 48"
2. Effluent filter.	Depth of Aggregate: 13"
3. Reduced maintenance tank	Size of aggregate: 0.5-1.5"
	# of Laterals: 8
	Lateral Length: 100'
	Lateral Width: 3'
	# of Square Feet: 2400

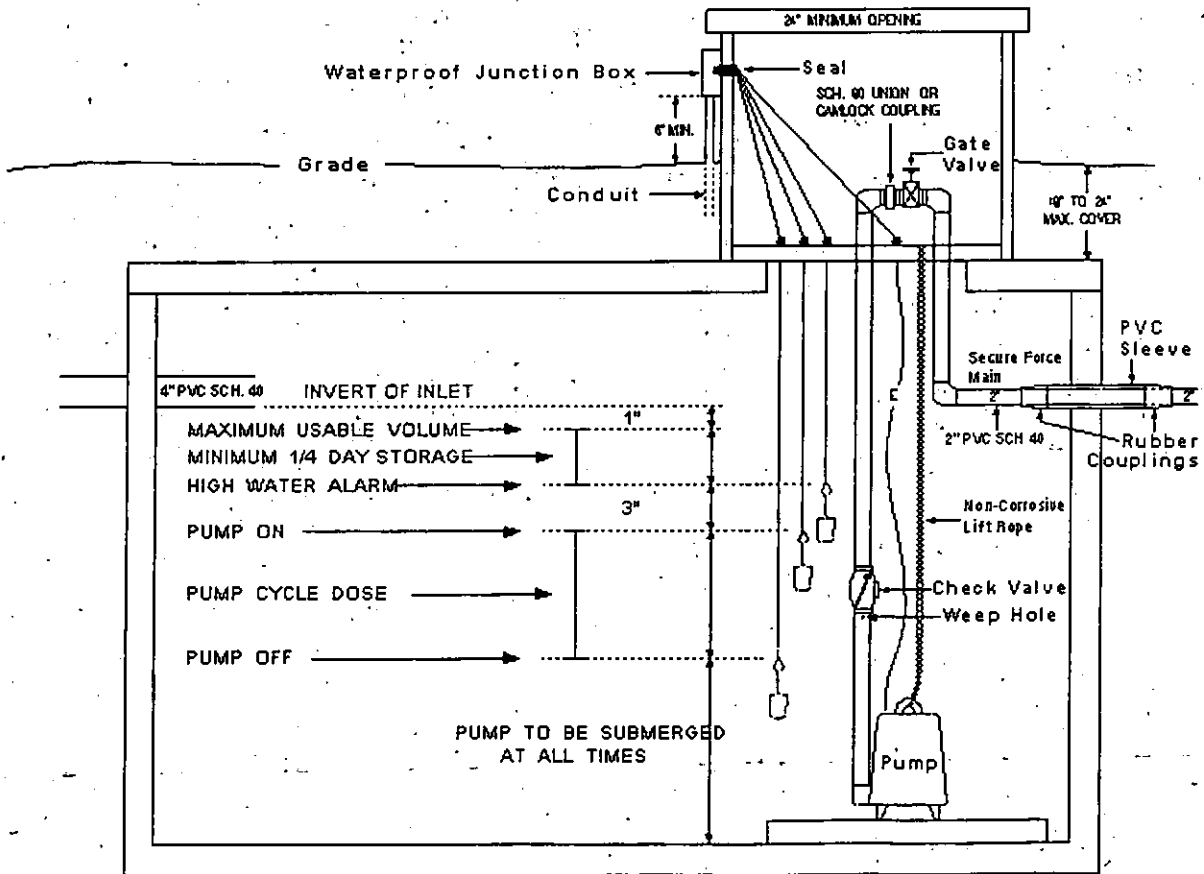
## Pump Specifications

### **Pump Specifications**

Pump Chamber Size:	1200 gallons
Drawdown (Each Pump Cycle):	312 gallons
	12.1 inches
1/4 Day Storage:	150 gallons
Maximum Pump Cycle Time	14 mins., 51 secs.
Minimum Pump Capacity:	21 GPM
Minimum Pump Cycle Time	mins., secs.
Maximum Pump Capacity:	GPM
Static Head:	feet
Friction Head:	feet at gallons/minute
Total Dynamic Head:	feet at gallons/minute

Force Main Shall be SCH. 40 PVC Pressure Pipe with Pressure Fittings.

Pump Must Provide 21 Gallons per Minute at System Head.



# Construction Drawing

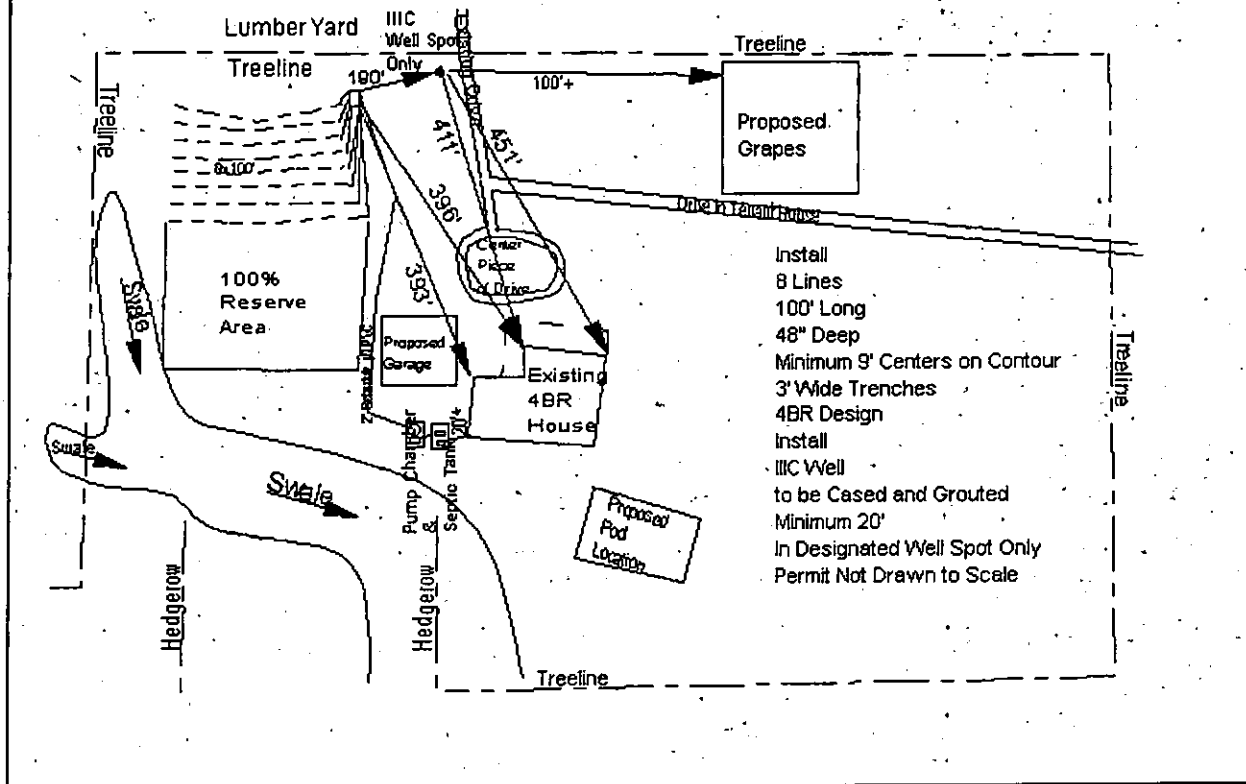
**Owner Information**

Bullock, Thomas and Denton, Crystal  
 2379 Pendleton Rd  
 Mineral, VA 23117

Phone:  
 HD ID #: 154-04-0288

**Construction Drawing**

Schematic drawing of sewage disposal system and topographic features.



This sewage disposal system construction permit is null and void if conditions are changed from those shown on the application or construction permit.

No part of any installation may be covered or used until inspected, corrections made if necessary and the system is approved. The inspection will normally be made by the system designer, who may be an AOSE, PE, or EHS. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon direction of the Department or the system designer.

System Design By:  
 Site Evaluation Conducted By:

Jason K. Kyser  
Jason K. Kyser

*Jason K. Kyser*  
 Jason K. Kyser

03/30/2004  
 Issue Date

09/30/2005  
 Expiration Date



Protecting You and Your Environment

Louisa County Health Department  
PO Box 336  
Louisa, VA

(540) 967-3707  
(540) 967-3706 (Fax)

### Private Well Construction Permit

Health Department ID Number: 154-04-0288

<b>Owner Information</b>			
Bullock, Thomas and Denton, Crystal 2379 Pendleton Rd Mineral, VA 23117		Phone:	
<b>Location Information</b>			
Subdivision Name:	Rt 522/700	Tax Map:	59-9
Property Address:	Louisa 22E/522S, lot at interseciton of Rt 522/700 at Pendleton, on.	GPIN:	
County:	Rt 522/700 at Pendleton, on.	Legal Description:	Section Block Lot
Directions:	right across from 700, 911 address of 2371 on mailbox		
<b>General Information</b>			
Well Class:	Class IIIC	Minimum Casing Depth:	20
		Minimum Grout Depth:	20

Comments:

Notice: The Virginia Department of Health may revoke or modify this permit if, at a later date, it finds the conditions that formed the basis for issuing the permit do not substantially comply with the *Private Well Regulations*, 12 VAC 5-630-10 et seq., or if the well would threaten public health or the environment.

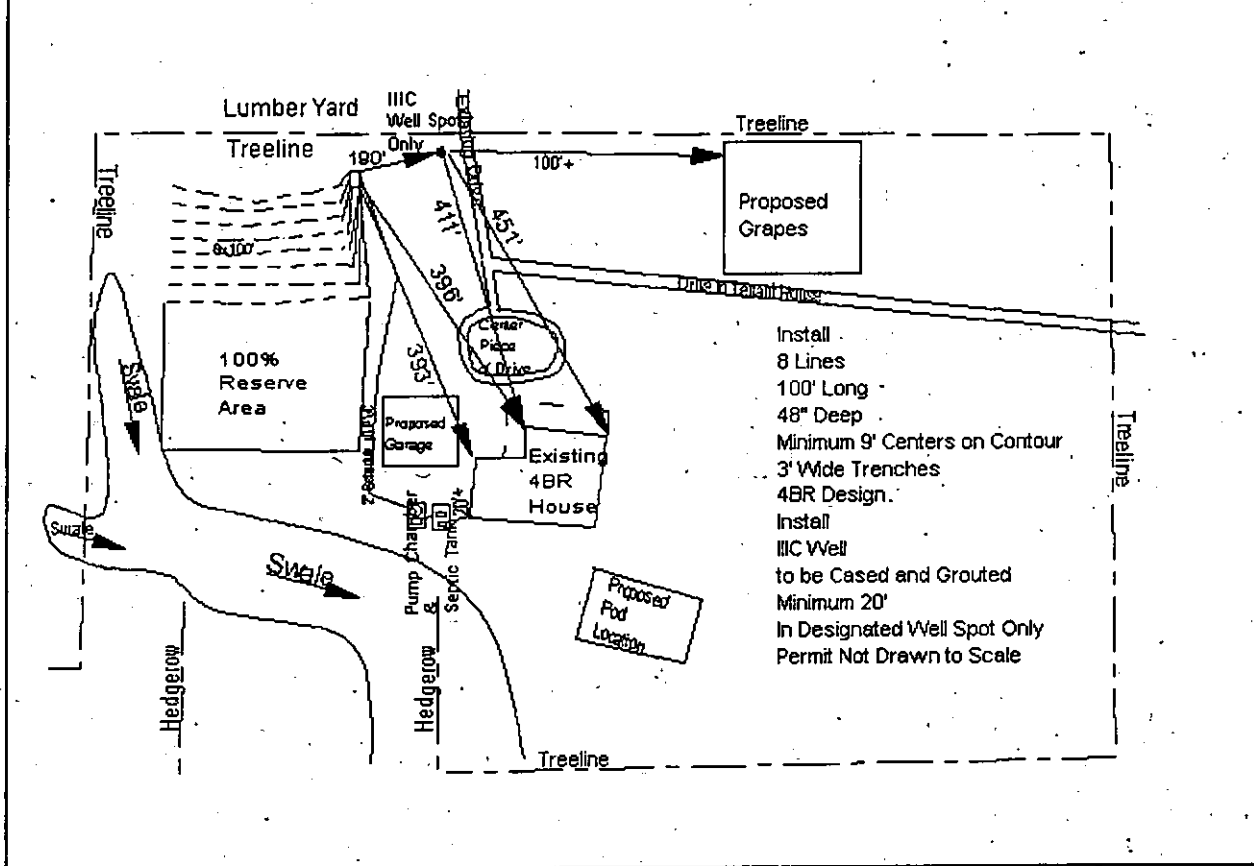
**Owner Information**

Bullock, Thomas and Denton, Crystal  
2379 Pendleton Rd  
Mineral, VA 23117

Phone:  
HD ID #: 154-04-0288

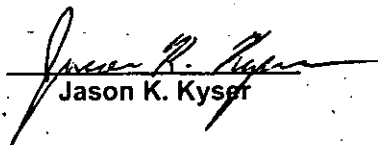
**Construction Drawing**

Scale drawing of the well site and related features.



Show the property lines, all existing and proposed structures, existing and proposed sewage systems and water supplies, slope, and any topographic features which may impact the design of the well.

Site Evaluation Conducted By: \_\_\_\_\_

  
Jason K. Kyser

03/31/2004  
Issue Date

09/30/2005  
Expiration Date



Louisa County Health Department  
*Sewage Disposal System & Water Supply Construction Inspection*

Owner: Bullock, Thomas and Denton, Crystal 2379 Pendleton Rd Mineral VA 23117	Owner Phone: Health Dept. ID: 154-04-0288 Tax Map Number: 59-9
Subdivision:    Section:    Lot:	Property Address:

EHS: For each item, circle status, date and sign

<b>Sewer line:</b>	
Satisfactory: <u>Yes</u>	ATM 7-29-04
Pending - incomplete	
Pending -- needs correction	
Comments:	
<b>Septic Tank:</b>	
Satisfactory: <u>Yes</u>	
Pending - incomplete	
Pending -- needs correction	
Comments:	
<b>Inlet/Outlet Structure</b>	1 1/2" fall
Satisfactory: <u>Yes</u>	
Pending - incomplete	
Pending -- needs correction	
Comments:	
<b>Pump System:</b>	
Satisfactory: <u>Yes</u>	11-17-04 <del>ATM</del>
Pending - <u>incomplete</u>	7-29-04 ATM
Pending -- needs correction	
Comments:	
<b>Conveyance Line/Force Main</b>	
Satisfactory: <u>Yes</u>	
Pending - incomplete	
Pending -- needs correction	
Comments:	
<b>Distribution Box/Distribution System</b>	
Satisfactory: <u>Yes</u>	11-17-04 <del>ATM</del>
Pending - incomplete	
Pending -- needs correction	
Comments:	check along w/pump

**Header Lines**

Satisfactory: Yes  
Pending - incomplete  
Pending -- needs correction  
Comments:

**Percolation Lines:**

Satisfactory: Yes  
Pending - incomplete  
Pending -- needs correction  
Comments:

**Absorption Trenches:**

Satisfactory: Yes  
Pending - incomplete  
Pending -- needs correction  
Comments:

**Other:**

Septic Contractor Name: Nuckels  
As-built sketch: OVER  
Completion Statement Received:  
Conditional permit compliance:  
Time spent inspecting: Time in: \_\_\_\_\_ Time out: \_\_\_\_\_

- ① 2"
- ② 2 1/2"
- ③ 2 3/4"
- ④ 2 1/2"
- ⑤ 3"
- ⑥ 3 1/4"
- ⑦ 2 3/4"
- ⑧ 3"

Mark M... [Signature] Construction Final Approval: 11-17-04  
Approved by \_\_\_\_\_ Date Approved \_\_\_\_\_

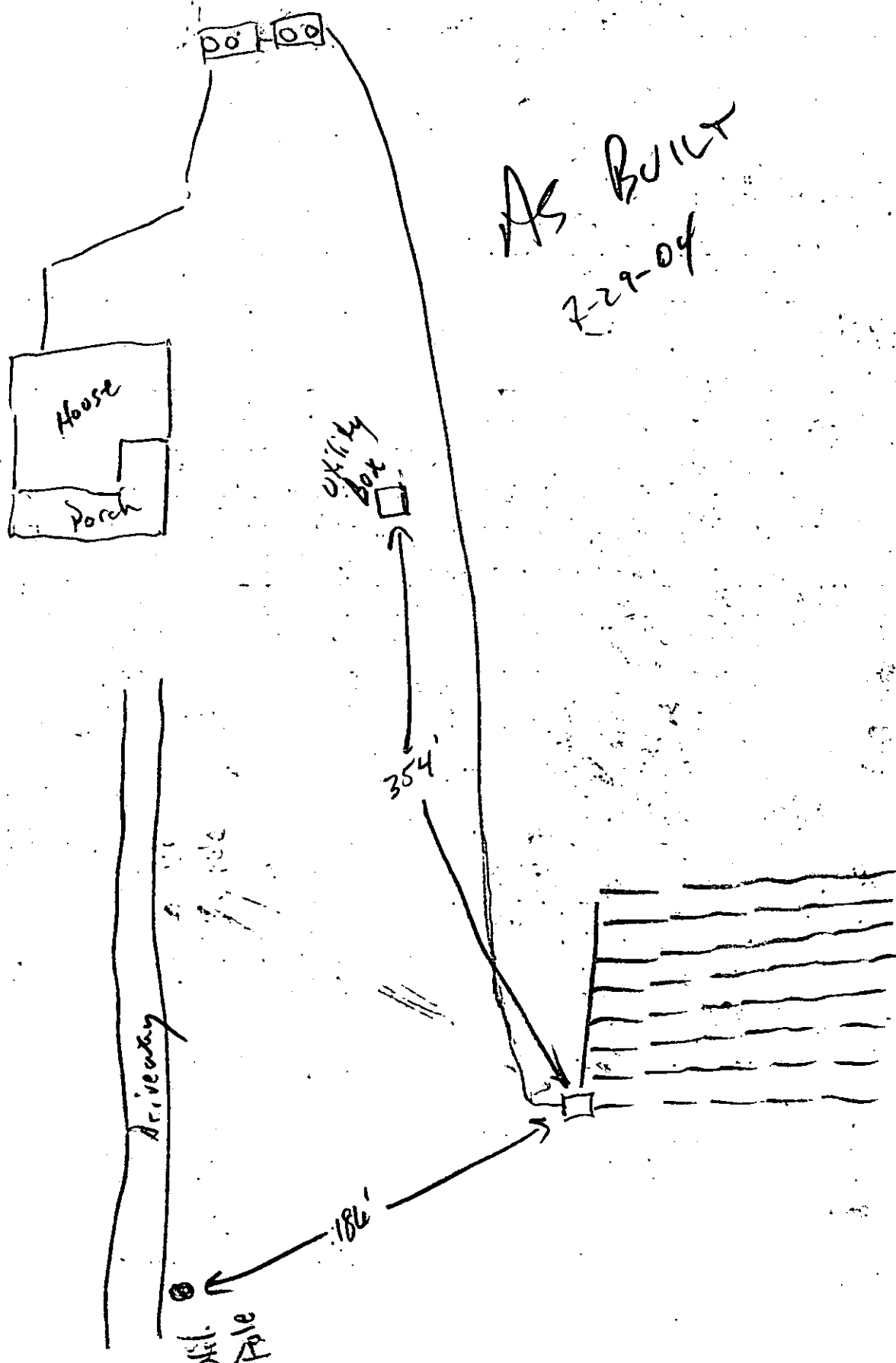
**Water Supply Location:**

Satisfactory: Yes  
Pending - incomplete  
Pending -- needs correction  
Comments:

PVC casing with bentonite grout  
apparent at soil surface and to probe depth.

Time Spent Inspecting: Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_

Mark M... [Signature] Construction Final Approval: 11-17-04  
Approved By \_\_\_\_\_ Date Approved \_\_\_\_\_



AS BUILT  
729-04

House  
Porch

Utility  
Box

Driveway

354'

182'

Well

**SITE VISIT WORKSHEET**

Date: \_\_\_\_\_

HD ID #: 154-04-288

Owner: Thomas Bealock & Crystal Denton

Directions: \_\_\_\_\_

Type of Well to be Installed:  IIIA  IIIB  IIIC  IV Additional Grout:  YES  NO Amount: \_\_\_\_\_

Evaluation Method:  Hand Auger  Pits  Other: \_\_\_\_\_

Position in Landscape Satisfactory:  YES  NO

Position Type:  Sideslope  Other: \_\_\_\_\_

Slope: 5% Depth to Rock/Impervious Strata: 75"

Depth of Seasonal Water: N/A Free Water Present:  YES  NO

Other Limiting Feature Present?  YES  NO Description: \_\_\_\_\_

Soil Group:  I  II  III  IV Permeability: \_\_\_\_\_ Minutes Per Inch

Permeability Estimated At: 75 inches Permeability Test Performed:  YES  NO

Type of Test:  Percolation  Double Ring Infiltrometer  Amoozometer

Treatment Level:  Primary  Secondary  Advanced Secondary

Length of Site (On Contour): 100' Width of Site (Up & Down Hill): 138'

Septic Tank Capacity (Gallons):  750  900  1200  1500 Number of Septic Tanks: \_\_\_\_\_

Distribution:  Gravity  Pump  Enhanced Flow Number of Boxes:  1  Other \_\_\_\_\_

Conveyance Line Diameter:  4"  Other: 2" Number of Ports Per Box:  6  Other 7

Pump Specifications: Pump Chamber Size: 1200 gallons 1/4 Day Storage: 150 gallons

Drawdown (Each Pump Cycle): 3/2 gallons 12.1 inches

Maximum Pump Cycle Time: 14 Mins. 51 Secs. Minimum Pump Capacity: 21 GPM

Pump must provide a minimum of 21 gallons per minutes at System Head.

Absorption Area: Number of laterals: 8 Length: 100 Feet Width:  3'  Other: \_\_\_\_\_

Center to Center:  9'  10'  11'  Other: \_\_\_\_\_

Aggregate Depth:  13"  Other: \_\_\_\_\_ Installation Depth: 48"

Time In: 10:00

Time Out: 12:35

Jean R. Ryan  
Environmental Health Specialist Senior - Signature

Page 1 of \_\_\_\_\_

DATE: \_\_\_\_\_

ID #: 15404-288

ASSIGNED TO: J. Hayes

OWNER'S NAME: Thomas Bullock + Crystal Denton

SYSTEM TYPE: II

DIRECTIONS: \_\_\_\_\_

WELL TYPE: III C

TRENCH DEPTH: 48"

# OF TRENCHES: 8

DEPTH TO ROCK: 75" +

LENGTH: 100'

DEPTH TO WATER TABLE: N/A

CENTERS: 9'

DEPTH TO FREE WATER: N/A

SLOPE: 5% / LANDSCAPE: Sideslope

TEXTURE GROUP: 3

PERK RATE: 75

MAIL TO: \_\_\_\_\_

H#	Hz	DEPTH	DESCRIPTION	TEX. GRP
1	Ap	0-4	10YR 4/3 Brown Silty Clay Loam	3
	EB	4-10	10YR 5/4 Yellowish Brown Silty Clay Loam	3
	Bt	10-65	Verticrated 5YR 5/6 Yellowish Red; 10YR 5/6 Yellowish Brown Medium to Heavy Silty Clay Loam	3
	BC	65-75"	Verticrated 5YR 5/6 Yellowish Red; 10YR 4/5 Brownish Yellow Silty Clay Loam	3
2	Ap	0-6	10YR 5/4 Yellowish Brown Silt Loam	3
	Bt	6-42	2.5YR 4/6 Red Silty Clay	4
	C	42-76"	2.5YR 4/4 Reddish Brown Silt Loam	3
3	Ap	0-4	10YR 5/4 Yellowish Brown Silt Loam	3
	Bt	4-57	2.5YR 5/6 Red Medium to Heavy Silty Clay Loam	3
	C	57-75"	2.5YR 4/8 Red Silt Loam	3

SIGNATURE OF EVALUATOR: Jason R. Hayes

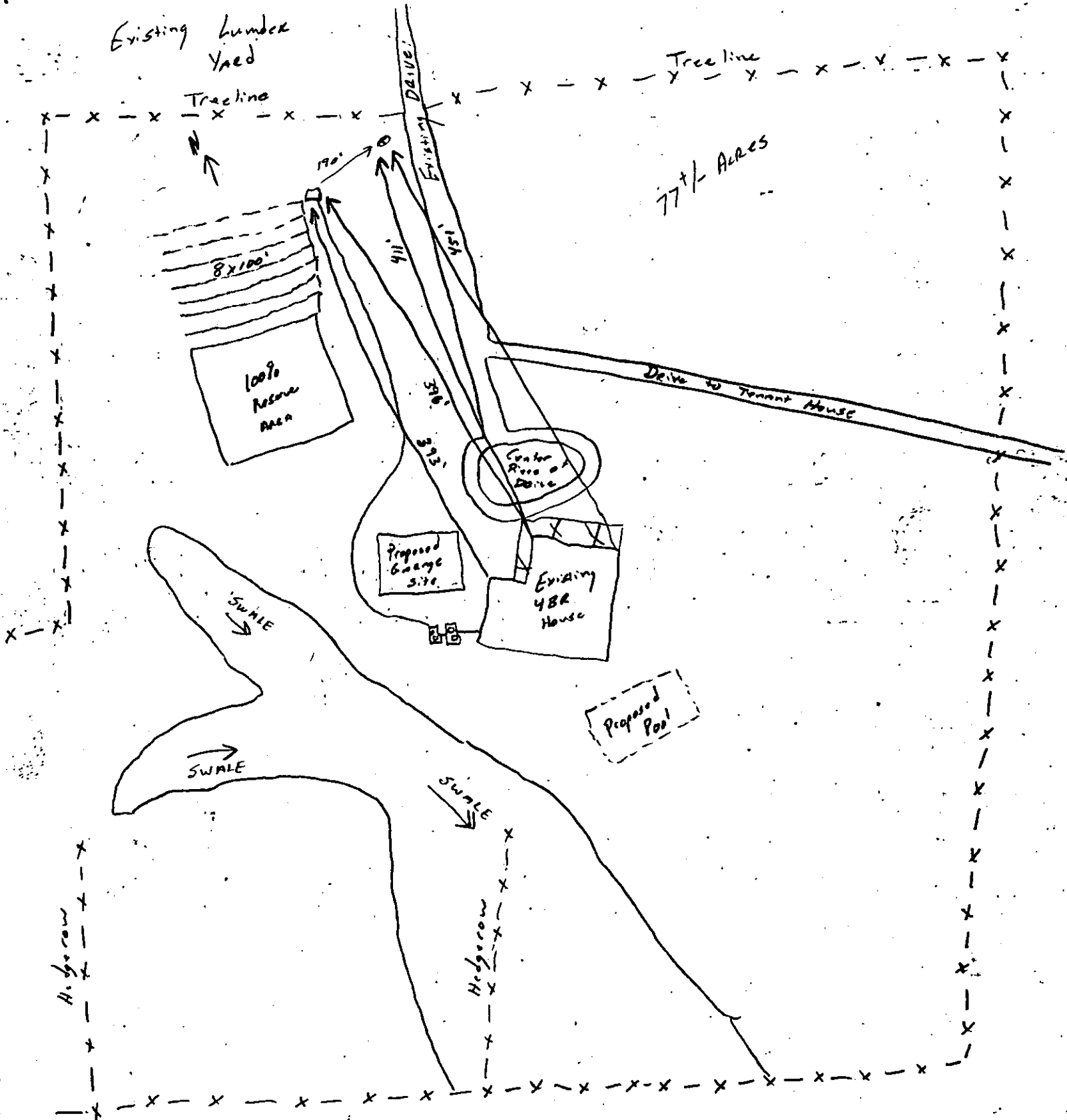
131  
23  
593

Existing Lumber  
Yard

Tract line

Tree line

77 1/2 Acres



ESH  
EX  
151

116  
EX  
151  
2



County Of Louisa  
 P.O. Box 160  
 Louisa, Virginia 23093  
 (540) 967-3430  
 Fax: (540) 967-3486

**Development Permit**  
**Zoning & Building**  
 (Complete the Appropriate Areas)

ZONING PERMIT #: 10-04  
 BUILDING PERMIT #: 1432-03  
 Expiration Date: 1/5/06

Owner/Applicant: BULLOCK THOMAS & CRYSTAL DENTON  
 Address: 2379 Pendleton Rd Mineral Phone #: (804) 833-5800  
 Contractor Name and Address: MISSION HOMECRAFTERS Phone #: (804) 550-1840

State License No. \_\_\_\_\_  A  B  C Classification \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
 County License No. \_\_\_\_\_ Date Issued: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
 Tradesman Certification: \_\_\_\_\_ Date Issued: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Tax Map No. 59-9 Parcel No. \_\_\_\_\_ Lot No. \_\_\_\_\_ Building No. \_\_\_\_\_  
 Magisterial District Mineral Present Acreage 77.304 Proposed Acreage \_\_\_\_\_  
 CUP/SEP \_\_\_\_\_ Variance \_\_\_\_\_ Flood Plain \_\_\_\_\_  
 Zoning Classification A-2 Subdivision \_\_\_\_\_ State Route 522  
 Deed Book/Page No. 745/746 Plat Book No. \_\_\_\_\_ Site Plan \_\_\_\_\_  
 Directions to Site: lot at intersection of 522 & 700 at Pendleton

Existing Structures on Property: main house & tent house

**Class of Work:**  
 New Building  Addition  Repairs/Alteration  Change of Use  Other

**Structure:**  
 Single-Family  Modular  Multi-Family  
 Double-wide Mobile Home  Single-wide Mobile Home  Commercial/Industrial  
 Double-wide Manufactured Home  Single-wide Manufactured Home  Other  
 Agricultural  Percolation Test Amplifier: 1076 sq ft

No. of Bedrooms 4 100% Reserve Mandatory Permitted  
 Type of Water Supply: Public  Private (well)  exist  
 Type of Sewage Disposal: Public  Private (septic tank)  new

**REQUIRED SETBACKS:** Front 100 Rear 35 Left Side 20 Right Side 20

Acknowledged By: X CAD

I declare that the statements made and the information given on this Application are true, full and correct to the best of my knowledge and belief and I agree to conform to all Zoning and Building Regulations. I give my permission to the County Zoning Administrator, Building Inspector and Sanitation Officer to enter onto this property for appropriate inspection. I also acknowledge the comments made by the Zoning Administrator or designated agent and the setbacks requirements stated on this form.

Signature of Owner or Authorized Agent: [Signature] Date: 01/06/04

Approved by Zoning Administrator or Designated Agent: [Signature] Date: 1/6/04

**COMMENTS:**  
Legal non-conforming structures both placed prior to April 21, 1986.

Erosion and Sediment Control  Agreement  Plan

# Commonwealth of Virginia Uniform Water Well Completion Report

Owner: Bullock Thomas and Denton, Crystal  
 Address: 2379 Pendleton Rd  
Mineral VA 23117

Tax Map ID: 59-9-130  
 VDH Permit: 15404-0749  
 WVCB Permit: \_\_\_\_\_  
 WVCB ID: \_\_\_\_\_  
 County: Louisa

Location: Rt 522/700 Behind Walton Lumber Co

### \* Well Data \*

**General Information**

Drilling Method: Air Rotary  
 Depth to Bedrock: 92  
 Static Water Level: \_\_\_\_\_  
 Well Disinfected (Y or N): N

Date Completed: 8/18/64  
 Yield: 40 (GMP)  
 Stabilized Water Level: \_\_\_\_\_  
 Disinfectant Used: NA

Total Depth of Well: 180  
 Length of Test: \_\_\_\_\_  
 Natural Flow (Rate): 40 gpm  
 Amount Used: NA

Casing  
 From 11 To 96  
 Size: 6 1/4 Material: pvc  
 Weight/Schedule: Sch 40

From \_\_\_\_\_ To \_\_\_\_\_  
 Size \_\_\_\_\_ Material \_\_\_\_\_  
 Weight/Schedule \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
 Size \_\_\_\_\_ Material \_\_\_\_\_  
 Weight/Schedule \_\_\_\_\_

Gravel Pack  
 From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_

Drill Bit  
 From 0 To 50  
 Bore Hole Size: 10"  
 Type: Benonite  
 Method: pumped

From \_\_\_\_\_ To \_\_\_\_\_  
 Bore Hole Size \_\_\_\_\_  
 Type \_\_\_\_\_  
 Method \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
 Bore Hole Size \_\_\_\_\_  
 Type \_\_\_\_\_  
 Method \_\_\_\_\_

**Filter Zones or Screened Intervals**

From 160 To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

### \* Use Data \*

Private Well: Domestic  Agricultural \_\_\_\_\_ Industrial \_\_\_\_\_ Monitoring \_\_\_\_\_  
 Public Well: Community \_\_\_\_\_ Non-community \_\_\_\_\_

### \* Abandonment Information \*

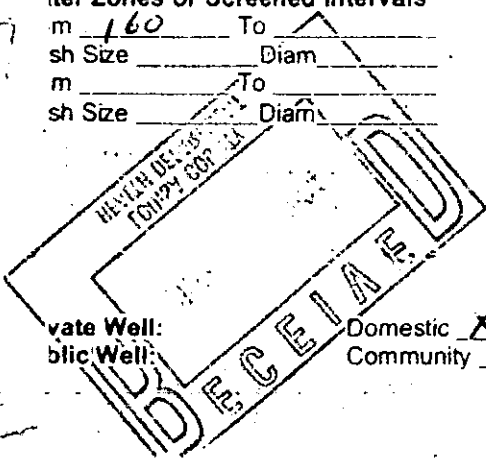
**Bored or Dug Wells**

Casing Removed, Y or N? \_\_\_\_\_  
 Depth to which casing was removed: \_\_\_\_\_  
 Depth and Type of Fill: \_\_\_\_\_  
 Source of Fill: \_\_\_\_\_  
 Bentonite Plugs: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_

**Wells other than Bored Wells**

Casing removed, Y or N? \_\_\_\_\_  
 Depth to which casing was removed: \_\_\_\_\_  
 Applicable, depth(s), and type of gravel/sand fill: \_\_\_\_\_  
 Source of gravel or sand: \_\_\_\_\_  
 Cement: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_

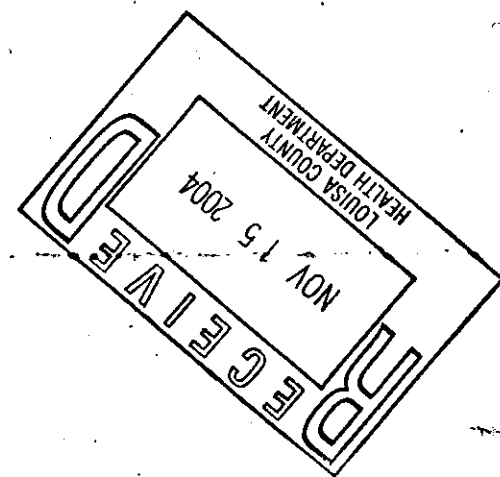
Method of permanently marking location: \_\_\_\_\_





\* Drillers Log \*

Depth	Description of Formation or Sediment	Remarks
2-25 Red Clay		Campbell Lp6
5-92 Brown Sandy		Well Cap
2-180 Granite		



(Use Additional Sheets if necessary).

I certify that the information contained here is true and that this well was installed and constructed in accordance with the permit and further that the well complies with all applicable state and local regulations, ordinances and laws.

Name Mid Virginia Water Wells, LLC  
Address Po Box 838  
Mineral Va. 23117  
Phone 540 844 8520  
Drillers Signature Jane E. Deam Jr.  
Date 8/18/04 Representing MVWW LLC  
Virginia Contractors License Number 2705-05-4164