

11/5/87 AM ✓
11/6/87 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 40098
A 34706
DISTRICT 4th
DATE 9/10/87
DATE SYSTEM APPROVED 11/6/87
INSPECTOR (Signature)

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER _____
ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873
SUBDIVISION Timberleigh Ridge ROAD 17533 Timberleigh Way LOT Final 3
PROPERTY OWNER Melissa Beall
ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

2
158'
5' 47 1/2"
95

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 2 feet below original grade. 5 feet of stone below distribution pipe.
LOCATION - Start trench 110 feet from the front lot line and 30 feet from right lot line as seen when facing lot from Route 94. Run trench along level ground towards left lot line as seen when facing lot from Route 94.
NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK SA*

PLANS APPROVED BY S. Abel DATE 6/23/87

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER TWO YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A-34706

A 34706

SUBDIVISION: MARTIN, WILLIAM

LOT NUMBER: #6 Final #3

OFF Rt 94

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>sq. ft./bedroom</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon		
4 bedroom	1250 gallon		
5 bedroom	1500 gallon		

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES158 sq. ft./bedroomTrench to be 2 wide.Inlet 2 feet below original grade.Bottom maximum depth 7 feet below original grade.Effective area begins at 2 feet below original grade.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START TRENCH 110 FT FROM THE FRONT LOT LINE AND
30 FE FROM RIGHT LOT LINE AS SEEN WHEN FACING LOT FROM Rt
94. RUN TRENCH ALONG LEVEL GROUND TOWARDS LEFT LOT LINE
AS SEEN WHEN FACING LOT FROM Rt 94

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34706

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT Fourth

DATE 12/17/84

*Tuesday
Jan 8*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER William B. and Phyllis Martin Melissa Seal

ADDRESS 3268 Route 94 PHONE 489-4983

PROPERTY LOCATION

SUBDIVISION Martin Property LOT NO. 63

ROAD AND DESCRIPTION 17533 Timberleigh Way off of Maryland Route 94

SIZE OF LOT 40,000 s.f. TYPE BLDG. single family

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT Anthony J. Bogel

BLDG. PERMIT SIGNED
AND RETURNED 6-23-87
846

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

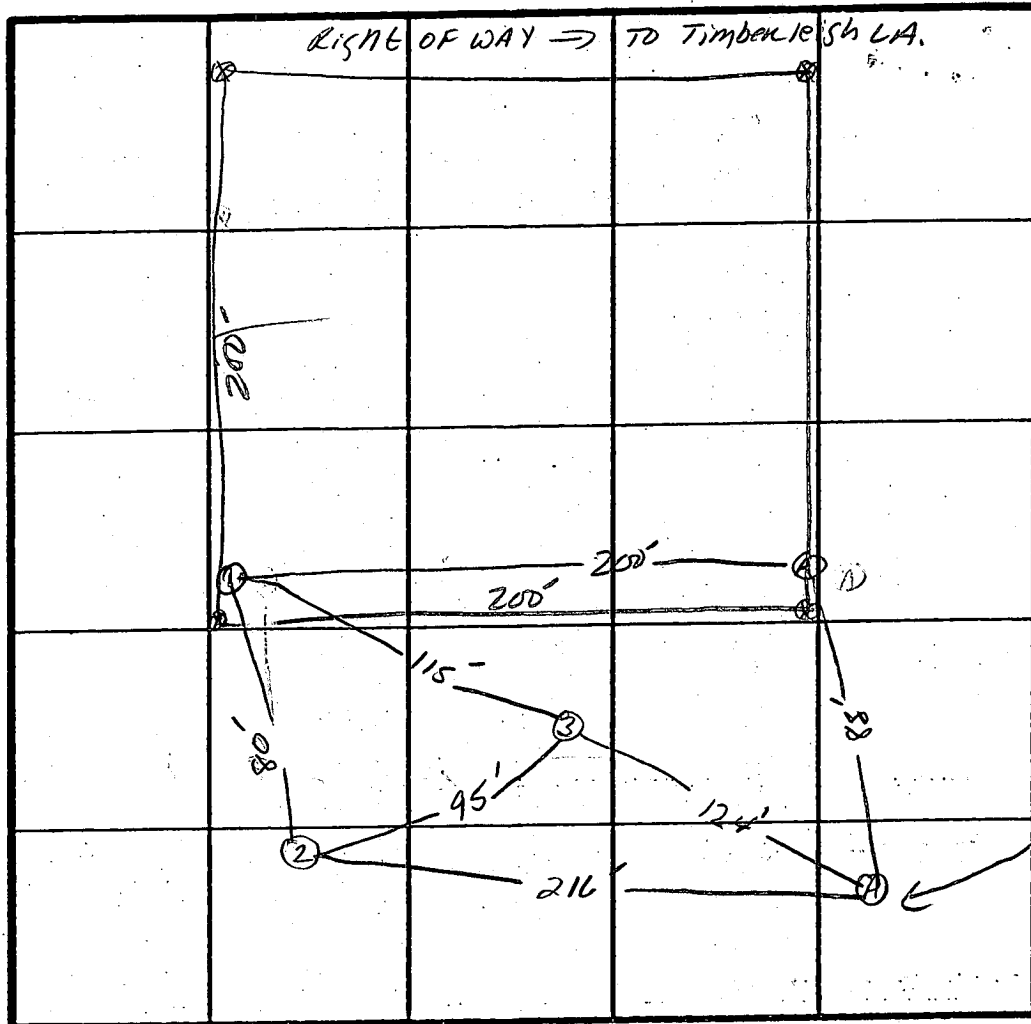
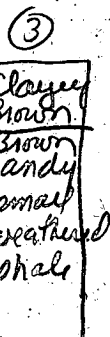
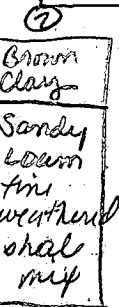
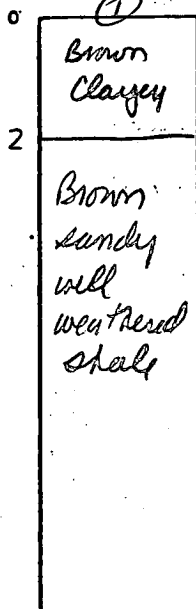
REASONS FOR REJECTION OR HOLDING 1/8/85 PERC OK HOLD FOR PLAT RH

part of perc field off lot lines. m

THIS IS NOT A PERMIT

RIGHT OF WAY → TO Timberline Sh LA.

SOIL PROFILE



A = holes on Lot line 5-6 see spec for lot 5 for results

hole ① highest
hole ② next highest
hole ③ low hole
hole A lowest hole

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 94

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/8/85	1S	3.5'	12:50	12:54	12:54	11:02	8min
	1M	7'	12:46	12:53	12:53	11:06	13min
	1V	11'	looks good to 11'				
1/8/85	2S	3'	12:24	12:27	12:27	12:32	5min
	2M	7'	12:21	12:28	12:28	12:47	9min
	2V	11'	Look good to 11' OK for use				
1/8/85	3V	10.5'	looks good to 10.5'				
	ON LOT MOLES LOT 5-6						
	1	7'	5min				
		3'	15min	OK TO 11 FE			
	2	7'	4min				
		3'	2.5min	OK TO 11 FE			

4
4
4
5
13
8
5
4
13
8
13

X = 8 min

INLET
2-
BOTTOM
MAX
7-

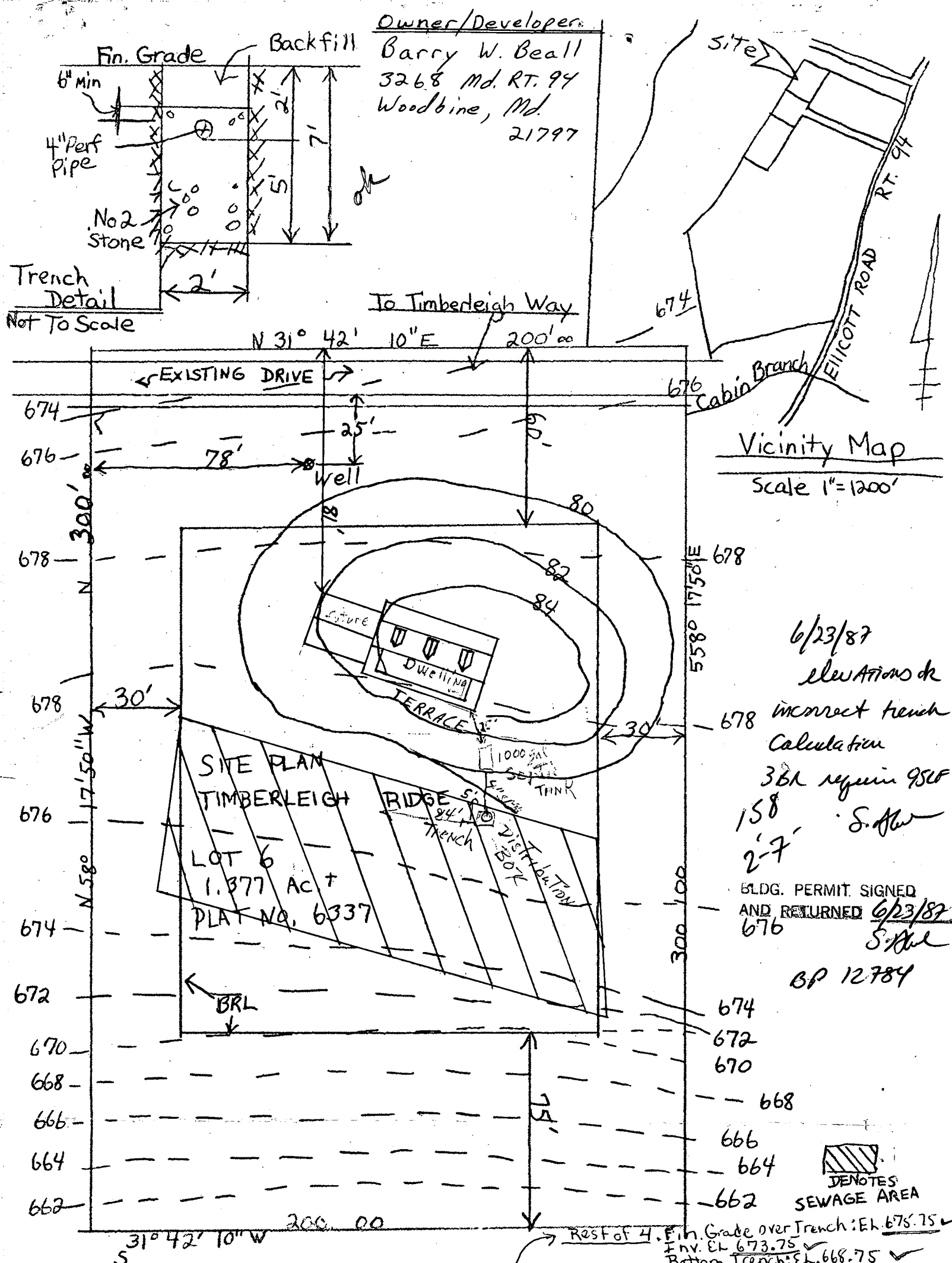
REMARKS Use hole 1 & 2 lot 5 to establish X times for Specs. 80

TYPE OF SOIL Glen

TESTED BY S. Phil, R. Hodge

ALSO PRESENT

Hummer & Co
Company

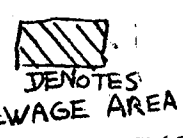


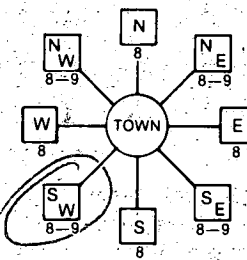
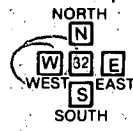
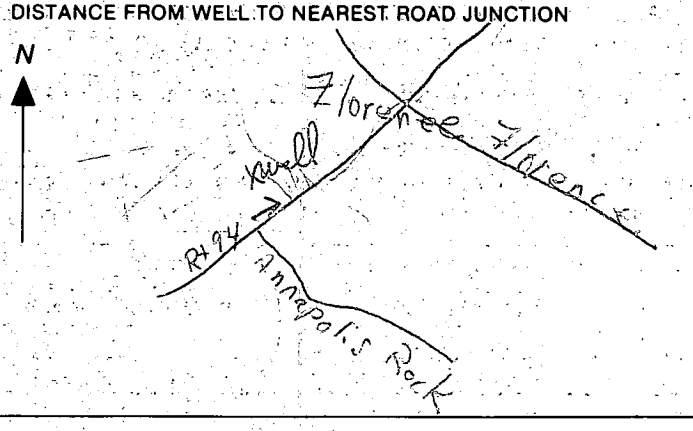
Septic System Design Data

1. INV. @ Well: EL 674.65 ✓
2. 1000 Gallon Septic tank - 3 bedrms
Ex. Grade over tank: EL 676.65 ✓
Fin. Grade over tank: EL 676.65 ✓
Inv. In: EL 674.50 ✓
Inv. Out: EL 674.20 ✓

3. Distribution Box (4 outlets)
Ex. Grade over Box: EL 675.75 ✓
Fin. Grade over Box: EL 675.75 ✓
Inv. In: EL 673.75 ✓
Inv. Out: EL 673.75 ✓
4. Trenches (180/Br.)
3 Bedrms x 180 S.F. = 540 S.F.
540 S.F. ÷ 2 (width) x 5' (Depth) = 54' (Length)
Ex. Grade over Trench: EL 675.75 ✓

6/23/87
Elevations &
incorrect trench
Calculation
3BA require 950
158 S. of
2'-7" S. of
BLDG. PERMIT SIGNED
AND RETURNED 6/23/87
676 S. of
BP 12784



B 1 7117 1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-81-1168 70 fill in this form completely 79
Date Received 9/25/85 12-12-1985 8 13 OWNER INFORMATION Beall Barry 15 Last Name 34 Owner First Name 3268 R+Y4 36 Street or RFD 55 Woodbine 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL #40.00 Howard 8 COUNTY 21 Timberleigh 23 SUBDIVISION 42 SECTION 6 LOT 8 44 46 48 50 Florence 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 MI 73 76 77 78
DRILLER INFORMATION George Easterday Driller's Name 77 License No. 80 L. Franklin Easterday Inc. Firm Name 9215 Brown Church Rd. Mt Airy Address George Easterday Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  17533 Timberleigh Way 11 NEAR WHAT ROAD 30 2000 34 DISTANCE FROM ROAD 37 ENTER FT or MI FT 38 39
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME OEP SIGNATURE DATE ISSUED 09/09/85 43 48 CO SIGNATURE NORTH GRID 532000 EAST GRID 0763000 50 55 57 63
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Location of 2. 21' casing 3. 18' open 5 bags cement Tag & papers given to Easterday on 9/25/85 WRITE THE BOX NUMBER FROM THE MAP HERE E 760 N 530 3 2
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH		METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN 30 37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other:
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) HO-81-1168 41 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE CW WRITE INITIALS IN BOX PERMIT NO. HO-81-1168 67 68 70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS		

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1168

Location of property (road)

Subdivision *Timberline*

Lót

Block

Plat

Sec.

Well Driller:

Owner _____

B.

Depth of well 220

Distance of measuring point (M.P.) above ground

Static water level (S.W.L.) below M.P.

I. High rate pumping -- reservoir drawdown

Time pump started 7:15

Pumping rate 10

Total time 15 min to reach pumping water level 12.5 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

C106490

SEQUENCE NO.
(OEP USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.

COUNTY
NUMBER

DATE Received
8 13

DATE WELL COMPLETED
092583

Depth of Well
2220
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-81-11668

OWNER
Beall Barry

STREET OR RFD
17633
last name first name

TOWN

SUBDIVISION
Timberleigh

SECTION

LOT
6

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET	
	FROM	TO
Topsoil	0	1
Red shale	1	8
brown slate	8	15
green slate	15	25
brown slate	25	35
blue slate	35	42
brown slate	42	45
blue slate	45	220

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☒

NO. OF BAGS 5 NO. OF POUNDS 300

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 18 ft.

CASING RECORD

casing types insert appropriate code below

ST CO PL OT

STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

5 6 21

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO PL OT

STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.)

HO 20 220

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 117

WHEN PUMPING 157

TYPE OF PUMP USED (for test)

A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED

PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

above below LAND SURFACE 2

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)
Robert X. Nuehner

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C2

SLOT SIZE 1 2 3

DIAMETER OF SCREEN 56 60

GRAVEL PACK

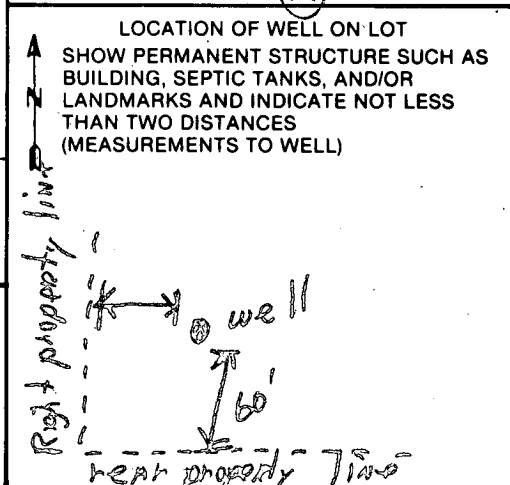
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) WQ

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA



FIELD DATA SHEET
MONTGOMERY COUNTY WELL YIELD TEST

Well Permit No. BA- 110--81-1168 Election District _____
Location of property (road) 17533 Timberlich Way
Subdivision Timberlich Lot 16 Block _____ Plat _____ Sec. _____
Well Driller Easterday Owner Barry Beal

Depth of well 226 ft. 126 PM
Distance of measuring point (M.P.) above ground 24"
Static water level (S.W.L.) below M.P. 119'

I. High rate pumping -- reservoir drawdown

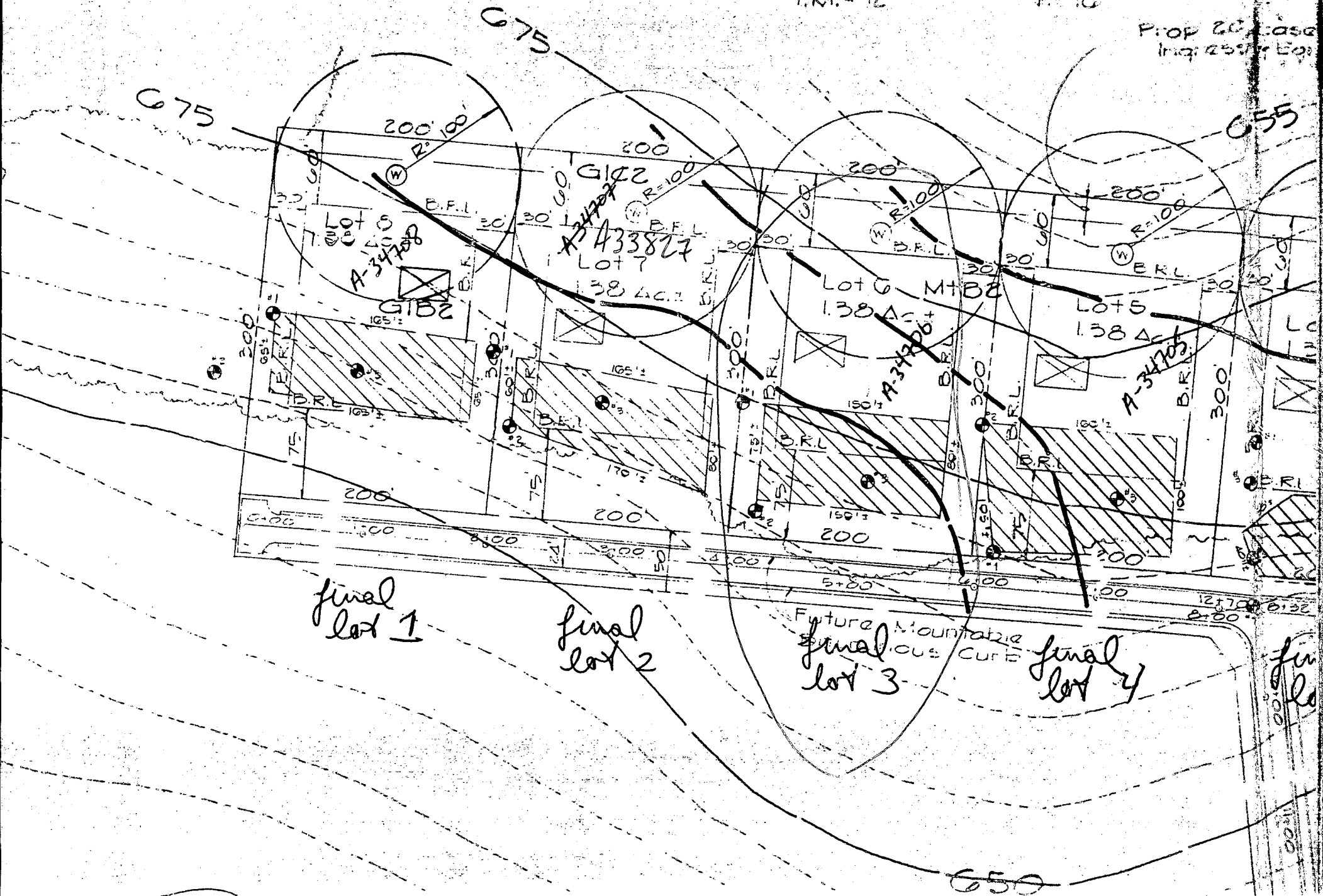
Time pump started 1:15 Pumping rate 10 GPM
Total time 15 min to reach pumping water level 125' ft. below M.P.

II. Recovery pump test date - observations to be recorded every 15 minutes.

TIME	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1:45	128'	6 sec		10 GPM
2:00	137'	6 sec		10 GPM
2:15	143'	6 sec		10 GPM
2:30	145'	6 sec		10 GPM
2:45	148'	6 sec		10 GPM
3:00	152'	6 sec		10 GPM
3:15	157'	6 sec		10 GPM
3:30	157'	6 sec		10 GPM
3:45	157'	6 sec		10 GPM
4:00	157'	6 sec		10 GPM
4:15	157'	6 sec		10 GPM
4:30	157'	6 sec		10 GPM

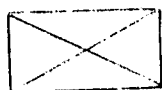
Property of
Wye River Enterprises
1058/68
T.M. # 12 F* 16

Prop 20 Case
Inq: 25% Ego



NOTES:

1.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
3. SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.
4. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.



Location of dwelling



Proposed well



Field location of Perc holes

Approved for private water &
private sewerage systems
Howard County Health Department

John M. Eys M.O. / *Jan* 5/18/05
County Health Officer Date

