

55-93
am
Anytime 5/25/93

Tax ID - 05-414059

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49123

A 37796

DISTRICT _____

DATE 4/12/93

DATE SYSTEM APPROVED 6/22/93

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

INDEXED

Gregg's Excavation. (BUD ARNOLD) IS PERMITTED TO INSTALL ALTER

ADDRESS 10480 Little Patuxent Parkway, Columbia, Maryland PHONE 831-7516

SUBDIVISION Clearview Estates, Sec. 2 LOT 38 ROAD 12074 Broad Meadow Lane

PROPERTY OWNER W. Michael & Mindy Burroughs

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 70 feet from right lot line (672.06') and 115 feet from the intersection of the 672.06' and 252.40' lot lines. Install trenches on contour toward left lot line as viewed from Broad Meadow Lane Cul-de-Sac.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/2/92 BR

PLANS APPROVED BY Ronald Pinkley/Mark Rifkin REVISED DATE 10/30/92

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

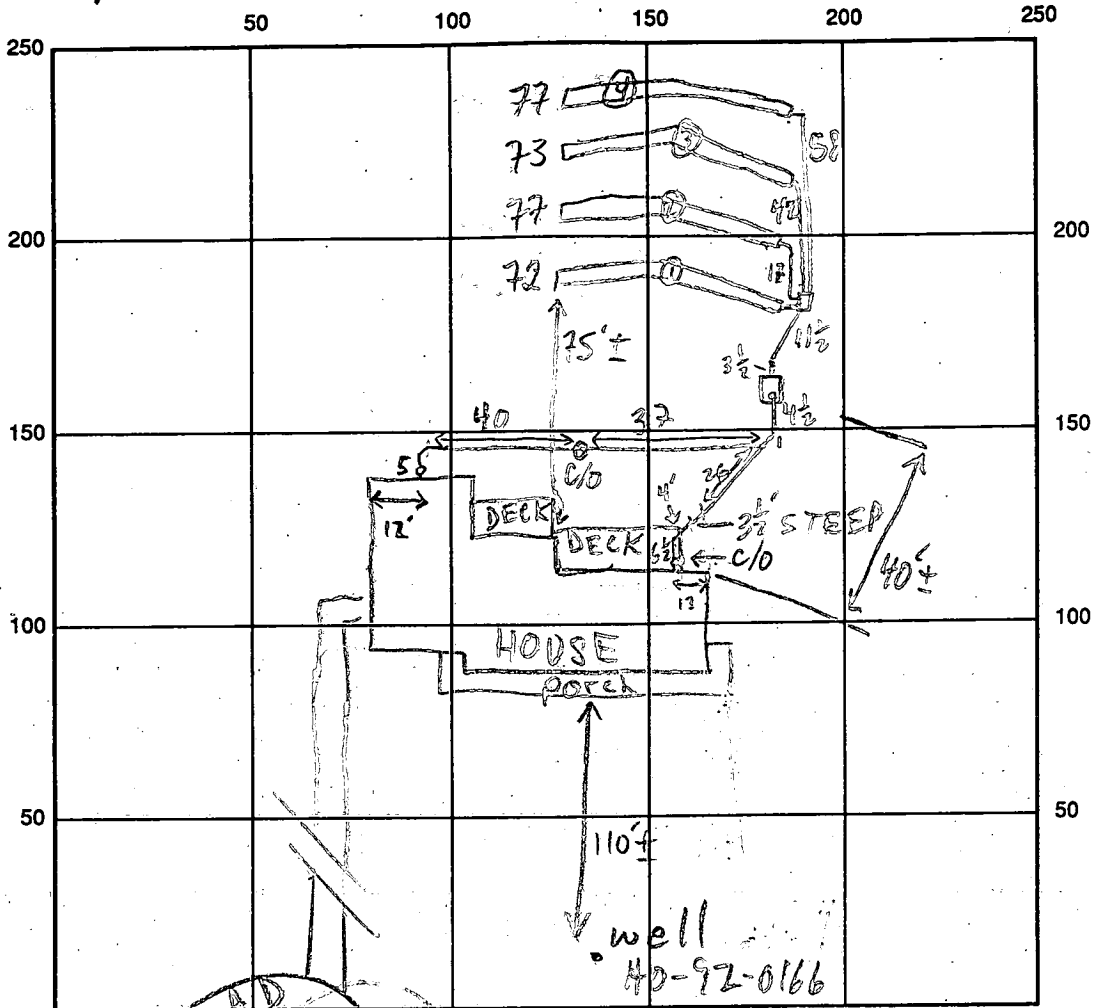
PERMIT VOID AFTER TWO YEARS

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 PVA 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 APPROVAL ON THIS PERMIT**

A 37796



BRO' INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1500 GAL. CLEANOUTS 3 IN LINE - OK, S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ① 72 ② 77 ③ 93 ④ 77 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA ① 216 ② 231 ③ 219 ④ 231 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 900 ± SQ. FT.

REMARKS: 5/5/93 OK TO COVER COMPLETED WORK; HOLD FOR 2ND HOUSE CONNECTION MR 5/25/93 HOUSE CONN NOT DONE MR 6/22/93 HOUSE CONN CONFIRMED VIA H₂O FLOW INTO S.T. MR

DATE SYSTEM APPROVED 6/22/93 INSPECTOR M. Rifkin

07 * 38
3.666 AC.

LOT # 38 CLAREVIEW
12074 BROAD MEADOW

45345

11/3/11
PLANS REJECT

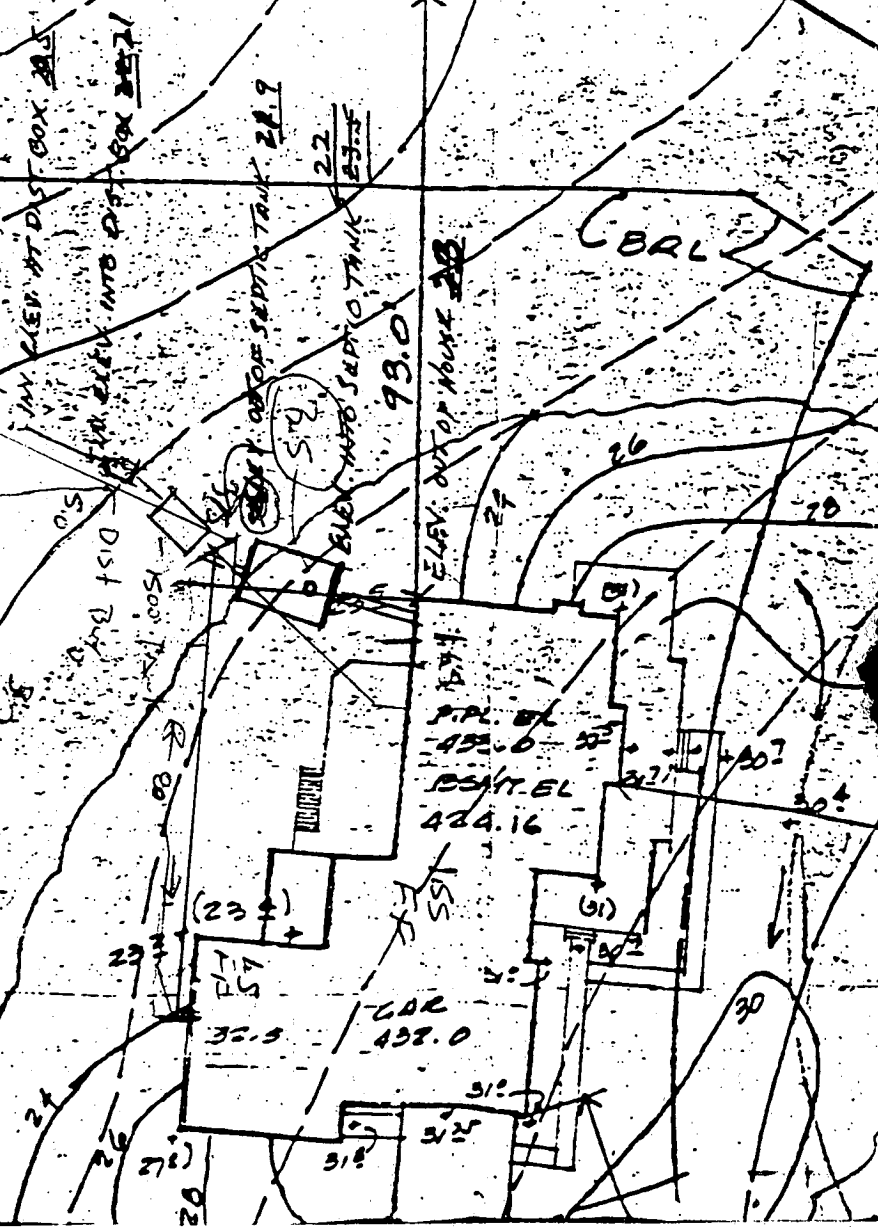
RH

11/3/12

REVISED
PLANS OK
BP43345

THIS DRAWING OR
ANY PART THEREOF IS
THE PROPERTY OF
CWR Plans

30 28 26 24 22 20 18 16 14 12 10 8 6 4 2



APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37796
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____
DATE 10/09/86
June 30, 1986

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 W. Michael + Mindy Burroughs Martha V. Langenfelder
Conrad J. and Patricia Langenfelder
ADDRESS 11904 Clarksville Road 5511 Hamilton Avenue
Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm Cleanview Est. Sec 2 LOT NO. 28 2837 (38)
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane (12074 Broad Meadow Lane)

SIZE OF LOT 5.4 AC. TYPE BLDG. Residential
(NUMBER OF BEDROOMS)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Henry M. Murray
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-23-86 Per. Satisfactory Hold for Subdivision Plat
Shallow Sept. only, 5.4 ac
BLDG. PERMIT SIGNED AND RETURNED 11/2/82
Appl # 45345 SFD
5 Bedrooms

THIS IS NOT A PERMIT

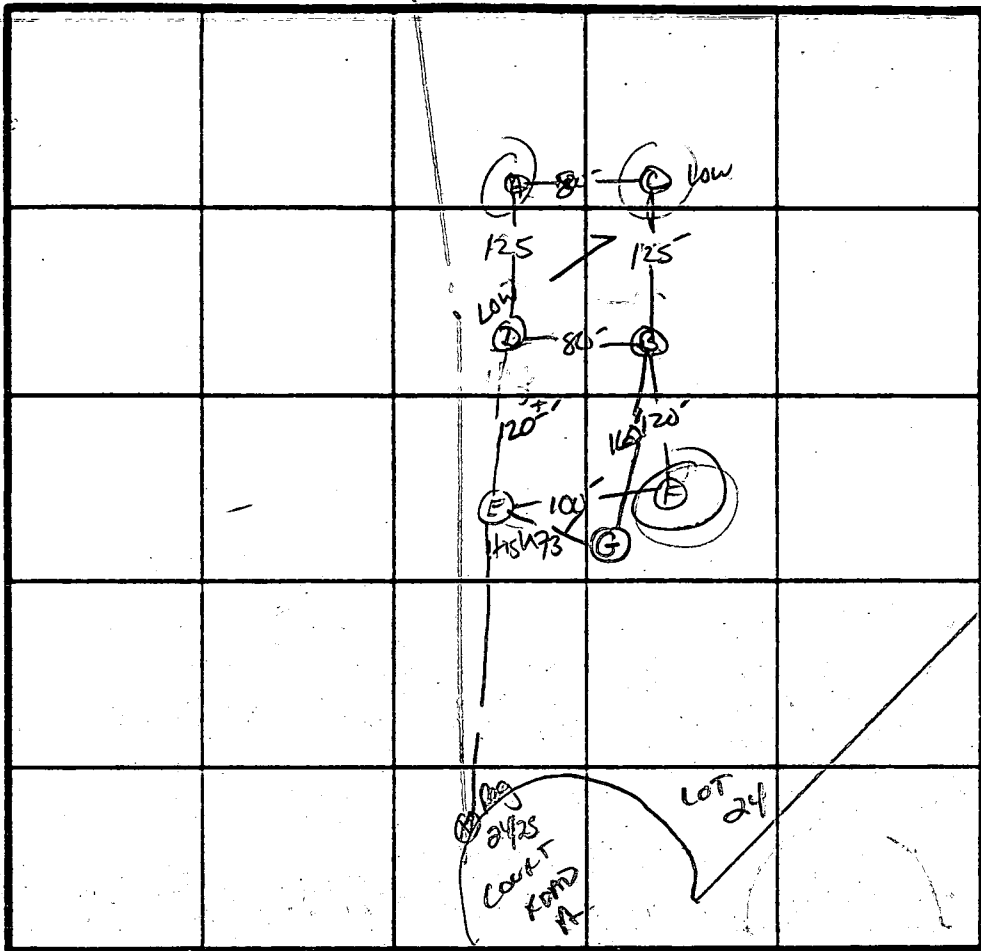
① SOIL PROFILE

0
3" A-1-3
Yellow Br
SAND LOAM
9% CLAY
15-20% FRAGS

3.5'
Yellow Br
TAN SAND
LOAM
30-40% FRAGS w/
LARGE STONES

9'
LARGE STONE
w/ SIL
SAND LOAM

9.5'



② AP
RED BROWN
SILT LOAM
4-12% CLAY
10-15% FRAGS

4'
Yellow Br
w/ white &
TAN SAND
VEINS
SAND LOAM
10-15% FRAGMENTS

10'

X = 1 min
Inlet = 3.5'
Bottom = 5.0'
160 sq. ft. / bdrn

③
4.1' A-1-3
Yellow Br.
SILT LOAM 10-15%
FRAGS - 9% CLAY

3'
TAN -> Brown
SAND LOAM
15-20% FRAGS.

④
4.1' A-1-3
Red Brown
SILT LOAM 9-12%
CLAY - 15-25%
FRAGS VERY
BRITTLE ZONE
3-4.5'

4.5'
TAN -> WHITE
SAND LOAM
15-20%
FRAGMENTS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/23/86	D S	4"	1:55	1:56	1:56	1:57	1 MIN
	D V	9.5" - ROCK BOTTOM					
	B V	11" UNIFORM SOIL below 3"					
	C V	7" SOLID BOTTOM			STRUCTURED AT 4.5"		
	A V	7" SOLID BOTTOM			STRUCTURED AT 6.5"		
	E S	4.0"	2:16	2:17	2:17	2:18	1 MIN
	E V	11" UNIFORM SOIL below 4.5"					
	F V	7" SOLID BOTTOM			STRUCTURED AT 5"		
	G S	4.5"	2:46	2:47	2:47	2:48	1 MIN
	G V	10" UNIFORM SOIL below 4"					

REMARKS: HOLDS DIFF THAN PLAT | Shallow syst only

TYPE OF SOIL: G Levely Properly developed / Chester (B)

TESTED BY: S. Auel

ALSO PRESENT: JANE NASSUE | ALLEN BRENCHARD

ENG 12 10/83

A37793

A43828

FOR CONTINUATION
SEE SHEET 7 OF 8

LOT # 37

LOT # 36

A37791

LOT # 35

S 54°18'08"E

672.06
645.18

107

S 24°59'10"E 252.40

96

87

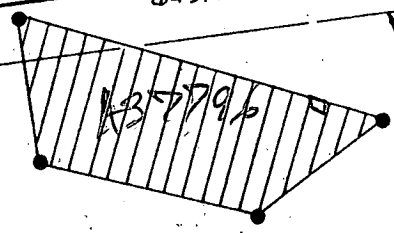
89

BROAD

100 YR. FLOODPLAIN, DRAINAGE
AND UTILITY EASEMENT

25 WETLANDS
BUFFER
B.R.L.

LOT # 38
3.666 AC



B.R.L.

B.R.L.

N 77°39'45"W, 4.30
N 63°32'34"W 190.78
L 500.00

R=2500
L=2241.1
R=2500
L=24.81

84

86

N 45°14'59"W

531.22
461.22

N 74°58'41"W 210.78
N 70°58'41"W 220.86
20' USE IN COMMON
ACCESS ESMT
FOR LOT 39 & 40
(PRIVATE)

N 63°32'34"W 190.78
N 63°32'34"W 190.78
N 77°39'45"W, 16.35

10.89
N 09°32'11"E
95.23

EL. 3577

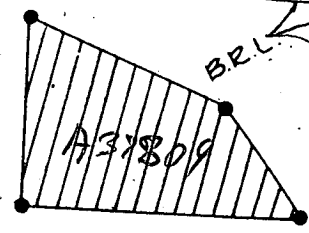
B.R.L.



LOT # 39
4.279 AC
75' & STREAM
BUFFER

B.R.L.

B.R.L.



LOT # 41
3.558 AC

100 YR. FLOODPLAIN, DRAINAGE
AND UTILITY EASEMENT

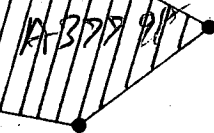
VEHICULAR INGRESS &
EGRESS IS RESTRICTED
B.R.L.

EL. 3550

LOT # 40
4.749 AC

S 77°45'04"W 308.70

B.R.L.



555.95
N. 1. E. 1. 4. 2. 5

B.R.L.

LIMIT OF WETLANDS

20' DRAINAGE
UTILITY E

LOT # 42
3.164 AC

25' WETLANDS
BUFFER

5.863112
190.78

20' USE IN COMMON
ACCESS ESMT
FOR LOTS 39 & 40
(PRIVATE)

B 1 03316 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
H0-92-0166
fill in this form completely

Date Received (APA) 081292
OWNER INFORMATION
GRIDDLE ELECTRIC
Last Name: GRIDDLE, First Name: ELECTRIC
Street or RFD: POB 279
Town: GAITHERSAURG, State: MT, Zip: 20884

B 3 LOCATION OF WELL
HOWARD
COUNTY
CLEARVIEW
SUBDIVISION
SECTION 44 46, LOT 28 48 50
CLARKSVILLE
NEAREST TOWN
MILES FROM TOWN: 1 MI

DRILLER INFORMATION
George F. Easterday
Driller's Name
L. Franklin Easterday, Inc.
Firm Name
9265 Brown Church Rd., MT. Airy, Md. 21771
Address
Morgan F. Easterday
Signature
8/11/92
Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NORTH, WEST, SOUTH, EAST, NE, NW, SE, SW
NEAR WHAT ROAD: BROAD MEADOW LN
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST, EAST
DISTANCE FROM ROAD: 300 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard
COUNTY NAME
A 37996
COUNTY NO.
STATE SIGNATURE
DATE ISSUED: 082692
CO SIGNATURE: [Signature]
EXP. DATE: 2/26/92
NORTH GRID: 508000, EAST GRID: 0819000

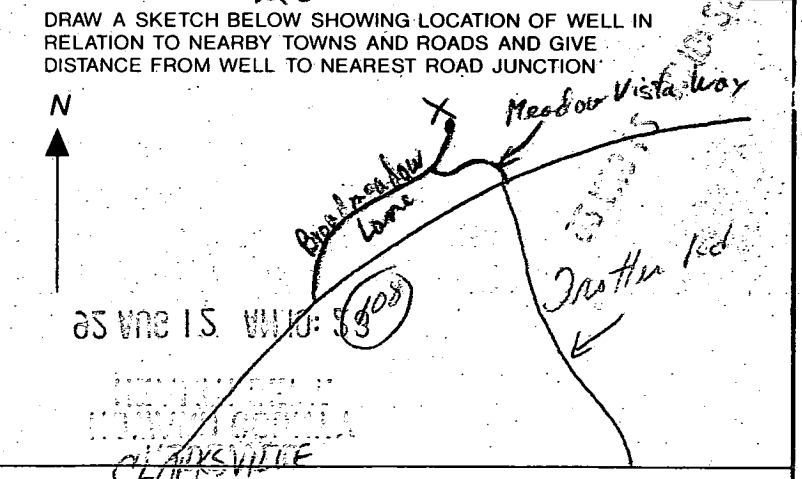
APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

METHOD OF DRILLING (circle one)
BORED (or Augered), JETTED, Jetted & DRIVEN
AIR-ROTARY, AIR-PERCussion, ROTARY (Hydraulic Rotary)
CABLE, REVerse-ROTary, DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8x19
N 50x8
9/1/92 11:00
Location OK
Casing - 30'
open - 22'
grout - 9 bags
RF 9/1/92

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE): GAP



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER: GAP
FORCE: RF
PERMIT No.: H0-92-0166

C1	6755	SEQUENCE NO. (DENY 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.
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		Depth of Well
[] [] [] [] [] []		09 01 92		21 22 23 24 25 26 220 (TO NEAREST FOOT)
OWNER <u>Ercole Electric</u>		first name		TOWN <u>Clarksville</u>
STREET OR RFD <u>Broadview Lane</u>		SUBDIVISION <u>Clearview Estates</u>		SECTION <u>II</u> LOT <u>38</u>
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) <input checked="" type="radio"/> YES <input type="radio"/> NO TYPE OF GROUTING MATERIAL CEMENT <input checked="" type="radio"/> CM BENTONITE CLAY <input checked="" type="radio"/> BC NO. OF BAGS <u>9</u> NO. OF POUNDS <u>900</u> GALLONS OF WATER <u>45</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>27</u> ft. (enter 0 if from surface)		C3 PUMPING TEST HOURS PUMPED (nearest hour) <u>3</u> PUMPING RATE (gal. per min. to nearest gal.) <u>10</u> METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>52</u> WHEN PUMPING <u>54</u> TYPE OF PUMP USED (for test) <input checked="" type="radio"/> A air <input type="radio"/> P piston <input type="radio"/> T turbine <input checked="" type="radio"/> C centrifugal <input type="radio"/> R rotary <input type="radio"/> O other (describe below) <input type="radio"/> J jet <input checked="" type="radio"/> S submersible
		CASING RECORD casing types Insert appropriate code below <input checked="" type="radio"/> ST STEEL <input checked="" type="radio"/> CO CONCRETE <input type="radio"/> PL PLASTIC <input type="radio"/> OT OTHER MAIN CASING TYPE <input checked="" type="radio"/> ST Nominal diameter top (main) casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>30</u> OTHER CASING (if used) diameter inch _____ depth (feet) from _____ to _____		
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO Check if water bearing		C2 SCREEN RECORD screen type or open hole insert appropriate code below <input checked="" type="radio"/> ST STEEL <input type="radio"/> BR BRASS <input type="radio"/> HO OPEN HOLE <input type="radio"/> PL PLASTIC <input type="radio"/> OT OTHER DEPTH (nearest ft.) 1 <u>40</u> <u>28</u> <u>220</u> 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ 13 _____ 14 _____ 15 _____ 16 _____ 17 _____ 18 _____ 19 _____ 20 _____ 21 _____ 22 _____ 23 _____ 24 _____ 25 _____ 26 _____ 27 _____ 28 _____ 29 _____ 30 _____ 31 _____ 32 _____ 33 _____ 34 _____ 35 _____ 36 _____ 37 _____ 38 _____ 39 _____ 40 _____ 41 _____ 42 _____ 43 _____ 44 _____ 45 _____ 46 _____ 47 _____ 48 _____ 49 _____ 50 _____ 51 _____ 52 _____ 53 _____ 54 _____ 55 _____ 56 _____ 57 _____ 58 _____ 59 _____ 60 _____ 61 _____
Topsoil 0 1 Br. micaceous Sandstone 1 20 Tan micaceous Sandstone 20 22 Br. micaceous Sandstone 20 35 Granite 35 48 Tan micaceous Sandstone 65 72 Granite 72 140 Granite w/ Quartzite 140 145 Granite 145 198 Fractured Granite w/ large chunks Quartzite 198 205 Granite 205 220		SCREEN RECORD SLOT SIZE 1 _____ 2 _____ 3 _____ DIAMETER OF SCREEN _____ (NEAREST INCH) from _____ to _____ GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 <input type="checkbox"/>		
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		OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) <input type="checkbox"/> 70 <input type="checkbox"/> 72 <input type="checkbox"/> 74 <input type="checkbox"/> 75 <input type="checkbox"/> 76 W C TELESCOPE CASING <input type="checkbox"/> LOG INDICATOR <input type="checkbox"/> OTHER DATA <input type="checkbox"/>		PUMP INSTALLED DRILLER WILL INSTALL PUMP YES <input checked="" type="radio"/> NO <input type="radio"/> 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) <input checked="" type="radio"/> + above <input type="radio"/> - below LAND SURFACE <input checked="" type="radio"/> (nearest foot)
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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.		LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) 40' ← → Well 100' ↑ ↓ L lot line		
DRILLER'S IDENT. NO. <u>40</u> DRILLER'S SIGNATURE <u>Gene F. Easterday</u> (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of helper or journeyman responsible for sitework if different from permittee) <u>Wesley Blomquist</u>		ORIGINAL		

CC 10/19/92