

5/14/93 4:16 PM  
5/17/93 AS

# Doesn't EXIST

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49219

A 37812

DISTRICT \_\_\_\_\_

DATE 5/13/93

DATE SYSTEM APPROVED 5/17/93

INSPECTOR [Signature]

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

INDEXED

Arnold's Backhoe

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Clearview Estates, Sec. II LOT 49 ROAD 12007 Misty Rise Court

PROPERTY OWNER Scott Development Corp. Philip Simpson

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution line 95 feet from left lot line (434.64') lot line and 210 feet from front lot line as seen when facing site from Misty Rise Court. Install trenches on contour toward left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/C 4123193 R H

PLANS APPROVED BY Ronald J. Pinkley DATE 8/20/92

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.

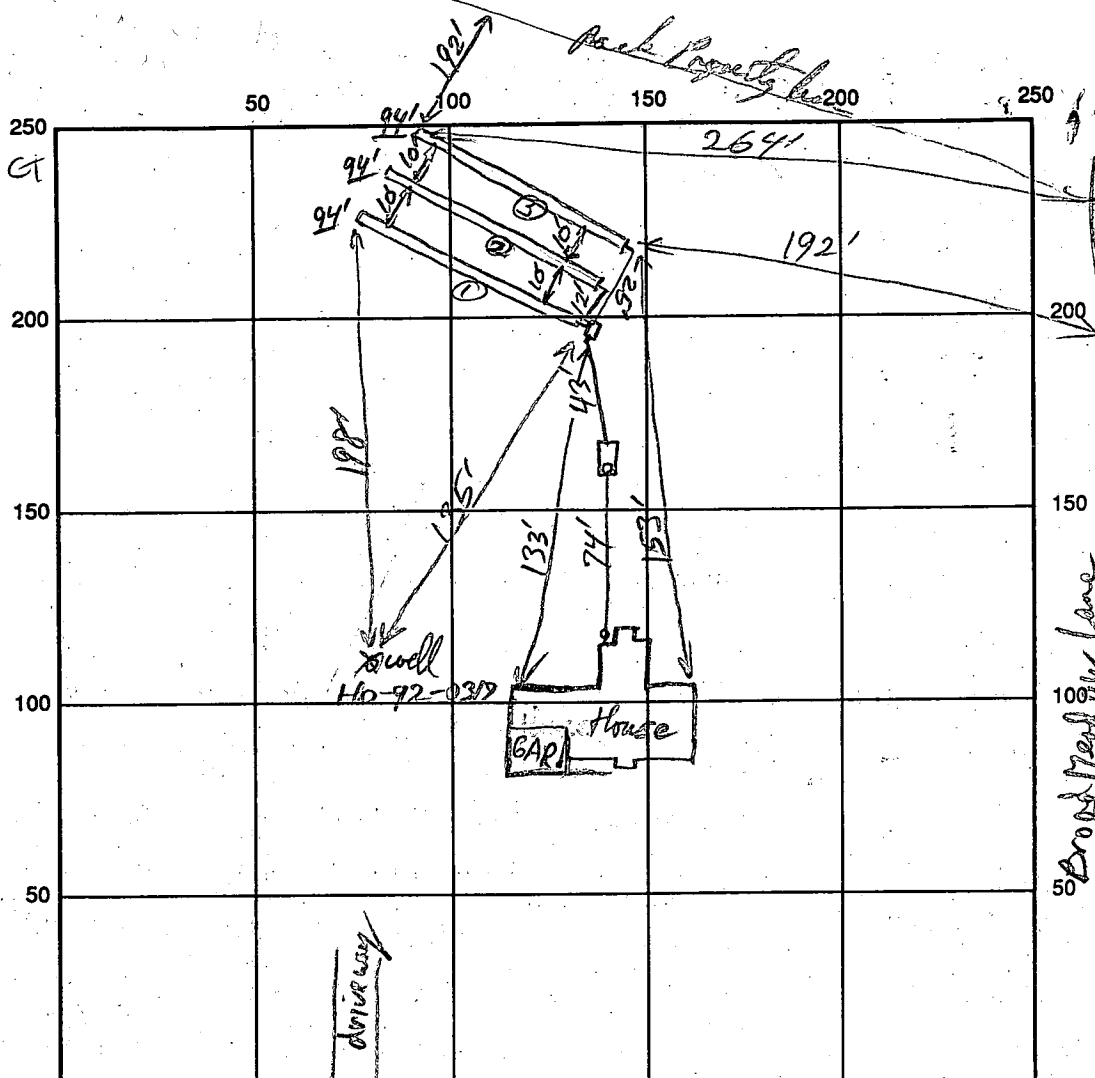
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED  
AND RETURNED 3/8/94  
Serial # 52789-Dick

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 37812

FILE  
A37812  
12007  
MISTY RISE



94'  
43'  
94'±

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Misty Rise Ct

SEPTIC TANK LEVEL 1250 gal CLEANOUTS S.T. + H50 ✓

DISTRIBUTION BOX LEVEL used Dial-a-Flows ✓

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3' FT.

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 94' + 94' + 94' FT. Total = 282' L.F.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 846 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: Trenches OK Rock Fragment 5-10% by volume at deepest part of trench  
Trench #1 is 10'-20' further from House + well than Test holes with 50+% Rock (Street & Boulders)  
at 5' loc. Future Repairs toward Rear Property line. OK to Cover 5/12/93

DATE SYSTEM APPROVED 5/17/93 INSPECTOR Rock Property

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37812  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT \_\_\_\_\_  
DATE 10/29/86  
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 Conrad J. and Patricia Langenfelder *Scott Development Corp.* Martha V. Langenfelder  
ADDRESS 11904 Clarksville Road 5511 Hamilton Avenue  
Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm *Clearview Est Ser. 2* LOT NO. 40 *New 35 47 (49)*  
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane *(12007 Misty Rose Court)*

SIZE OF LOT 3.5 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.

*Steven P. May*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/24/86 *Per. Satisfactory Hold for Subdivision Prog. S.A.C.E.R.*

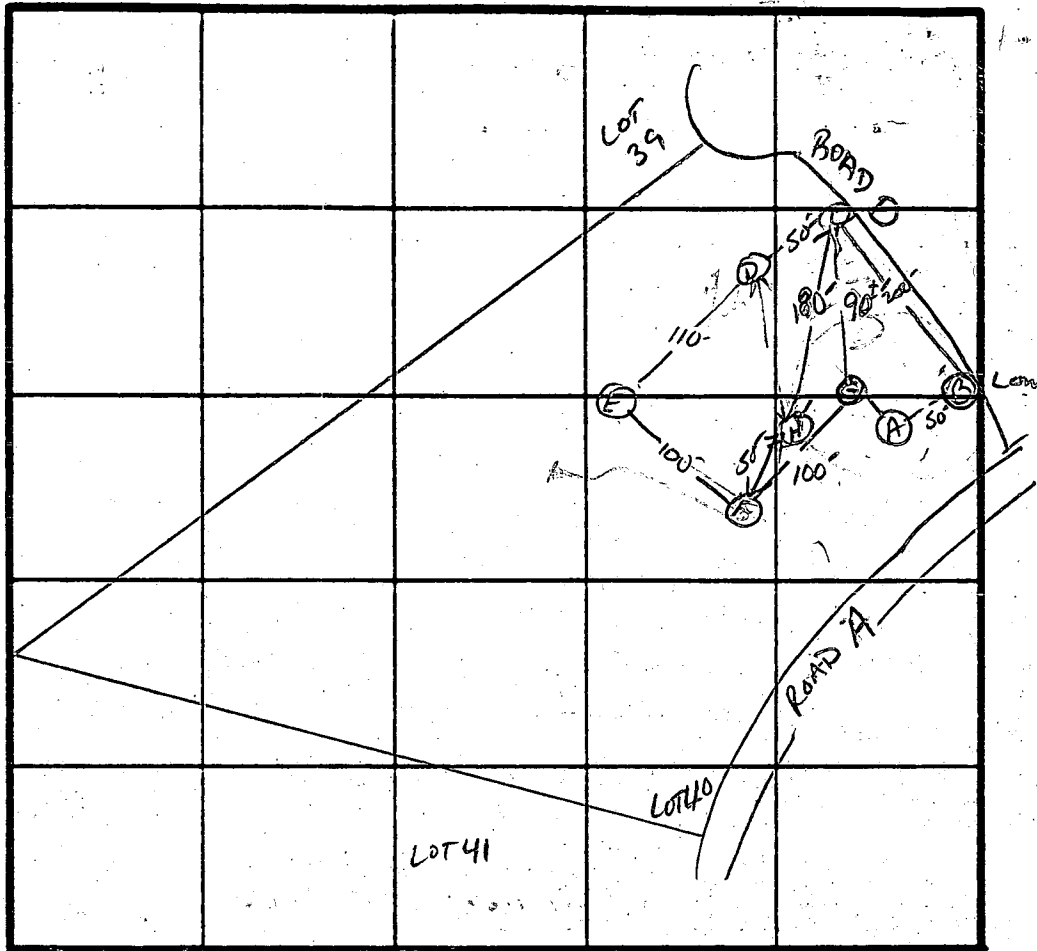
BLDG. PERMIT SIGNED  
AND RETURNED 4/20/83  
*Serial # 47835-SFD*

# THIS IS NOT A PERMIT

A 37812

SOIL PROFILE

0"	AP
12"	Yellow Red Silt loam 9-12% clay 20% frags
4'	Yellow BR SAND silt LOAM 10-15% FRAGMENTS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

↓ TO 108

6  
12"

AP
Yellow BR silt loam 9% clay 10-15% FRAGS
Yellow BR silt LOAM 15-20% FRAGS
Yellow BR. Highly micaceous silt LOAM 25-40% FRAGMENTS

9'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/24/84	✓ D <sub>S</sub>	4.5	1:53	1:54	1:54	1:55	1 MIN
	✓ D <sub>M</sub>	8.5	1:53	1:55	1:55	1:57	2 MIN
	✓ D <sub>V</sub>	12	UNIFORM SOIL below 4'				
	✓ C <sub>S</sub>	5'	2:00	2:02	2:02	2:04	2 MIN
		12	SAME AS SOIL AT D w/ CLAY TO 4.5'				
	✓ B <sub>V</sub>	9'	ROCK BOTTOM WATER AT 8'				
	✓ E <sub>S</sub>	4'	2:28	2:45	2:45	3:13	28 MIN
		9'	VARYING SOIL comp SEP profile				
	✓ F <sub>V</sub>	11.5	SIMILAR TO G+D CLAY AT 3.5'				
	G <sub>V</sub>	8.5	SOLID BOTTOM STRUCTURED AT 6'				
	✓ H <sub>S</sub>	4'	2:57	2:59	2:59	3:02	3 MIN
		10.5'	SIMILAR TO HOLE F				

REMARKS Holes per Plat

TYPE OF SOIL Chester

TESTED BY S. All

ALSO PRESENT JANE MADUE/ Allen  
Boerhor

EM 12 10/9

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE. 992-2330

A 37808

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 10/09/86  
June 30, 1986

*10/15-16/86  
perc test failed  
(BW)*

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

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm LOT NO. 36 *FAILED INCLUDED AS UNUSABLE PART OF LOT 49*

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane 49

SIZE OF LOT 3.4 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.

*Steven P. May*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS 10/16/86 DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING H<sub>2</sub>O in lower holes, rock in upper  
unable to get suitable perc field

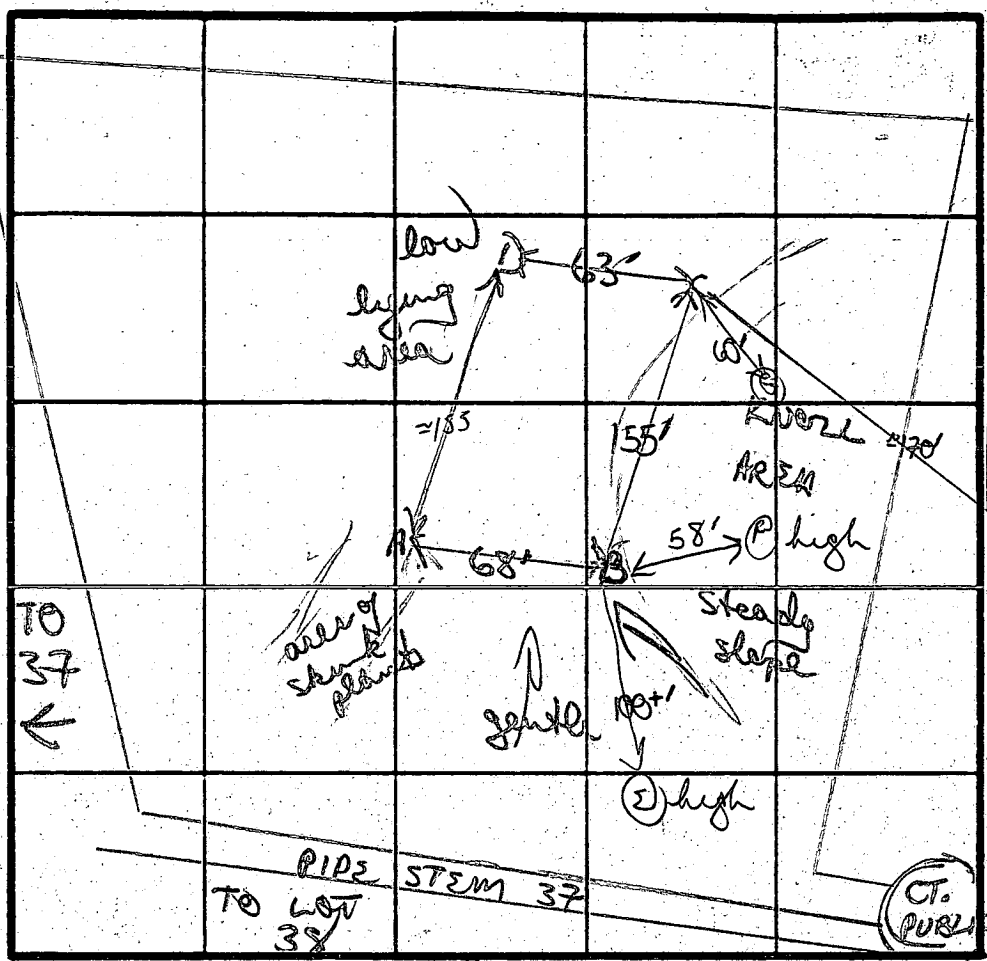
# THIS IS NOT A PERMIT

also laid rock 3'-5'

D  
tan/brown to dark brown silty mica lean mixed w/ layers of grey mottled soils  
35' D  
4-6' + down  
↓ H<sub>2</sub>O 9'

Σ F

Brown silty lean 3'6" mixed w/ med/lge rock frags  
7' rock failed



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

A SOIL PROFILE

mix yellow/brown  
gritty clay soil  
low  
4' patches/layers of blue/gritty (clay) soils w/ brown silty lean  
100' H<sub>2</sub>O  
12' D

mix silty lean/gravelly (cheater soil)  
5-6 ft (small/med frag) brown silty lean  
↓  
12 1/2' D  
C

tan brown to dark brown silty mica lean  
3' patches of grey/blue mottled soils w/ brown silty lean  
↓ H<sub>2</sub>O 8'

DATE	TEST NO.	DEPTH	PRE-WET		TEST .1" DROP		TIME	
			START	STOP	START	STOP		
10/15/86	A	NOT TESTED						
		12' D	H <sub>2</sub> O at 100'					
	B	2 1/2' S	245	246	246	248	2min	
		8' M	247	203	203	225	2min	
		12 1/2' D	bottom (see profile)					
	C	NOT TESTED						
		10' D	H <sub>2</sub> O at 8'					
	D	NOT TESTED						
		10 1/2' D	H <sub>2</sub> O at 9'					
10/16/86	F+E	NOT TESTED						
		7' D	rock bottom					

REMARKS DUG AS STATED lower lying area similar to original area on Lot 37  
stunted plants in area; H<sub>2</sub>O in 3 of holes  
TYPE OF SOIL Dark brown silty mica lean some mottled soils  
TESTED BY B Neffon ALSO PRESENT game, slayer H<sub>2</sub>O

B 1 **8033** 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  
**HO-92-0317**  
fill in this form completely

Date Received (APA) **02/17/93**  
OWNER INFORMATION  
**SPOTT DEVELOPMENT**  
Last Name Owner First Name  
**9160 RED BRANCH RD**  
Street or RFD  
**COLUMBIA MD 21045**  
Town State Zip

DRILLER INFORMATION  
**George F. Easterday**  
Driller's Name  
**L. Franklin Easterday, Inc.**  
Firm Name  
**9265 Brown Church Rd., Mt. Airy, Md. 21771**  
Address  
*George F. Easterday* **2/16/93**  
Signature Date

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)  
 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)

APPROXIMATE DEPTH OF WELL **300** 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  
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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER **G A P**  
FORCE  WRITE INITIALS IN BOX PERMIT No. **HO-92-0317**

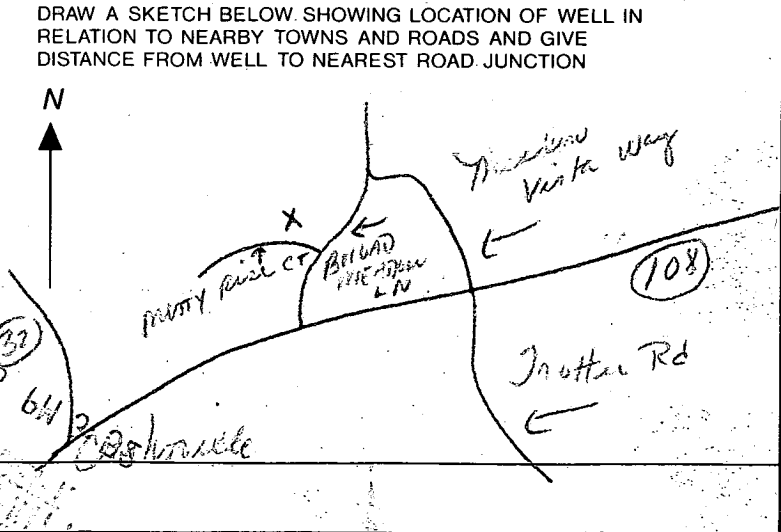
SPECIAL CONDITIONS

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**CLEARVIEW EST** SUBDIVISION  
SECTION **44** LOT **49**  
**CLARKSVILLE** NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** MI

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
NEAR WHAT ROAD **MISTY RISE CT**  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
DISTANCE FROM ROAD **60** FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**R# 37812** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
**030893** CO SIGNATURE *Charles...* EXP. DATE **9/8/93**  
NORTH GRID **505000** EAST GRID **0820000**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER **1 well**  
WRITE THE BOX NUMBER FROM THE MAP HERE



6996

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

COUNTY NUMBER A# 37812

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for ST/CO USE ONLY DATE Received

Grid for DATE WELL COMPLETED: 032293

Grid for Depth of Well: 210

Grid for PERMIT NO.: H0-92-0317

OWNER SCOTT Development last name MUSTY first name RISE CT TOWN CLARKSVILLE SUBDIVISION CLEARVIEW EST SECTION LOT 49

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check-if water bearing. Rows include Top Soil, Sandy, Sand Stone, DARK GRANITE, WHITE mica, GRAY mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1100 GALLONS OF WATER 55 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 27 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 6 29

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

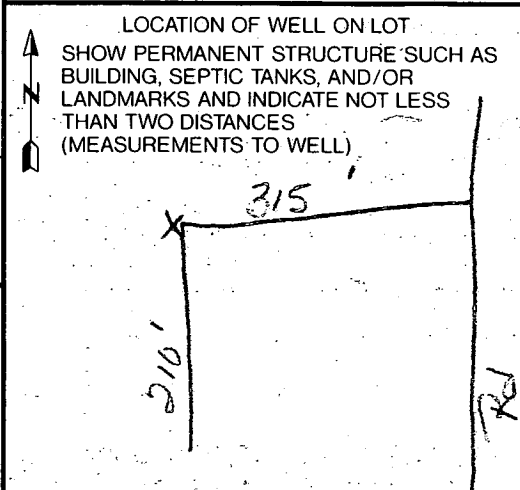
DEPTH (nearest ft.) grid for depth measurements. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) grid

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.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 12 WHEN PUMPING 21 TYPE OF PUMP USED (for test) A air C centrifugal J jet P piston R rotary S submersible T turbine O other (describe below)

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): LAND SURFACE (nearest foot)



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 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.

DRILLERS IDENT. NO. 40

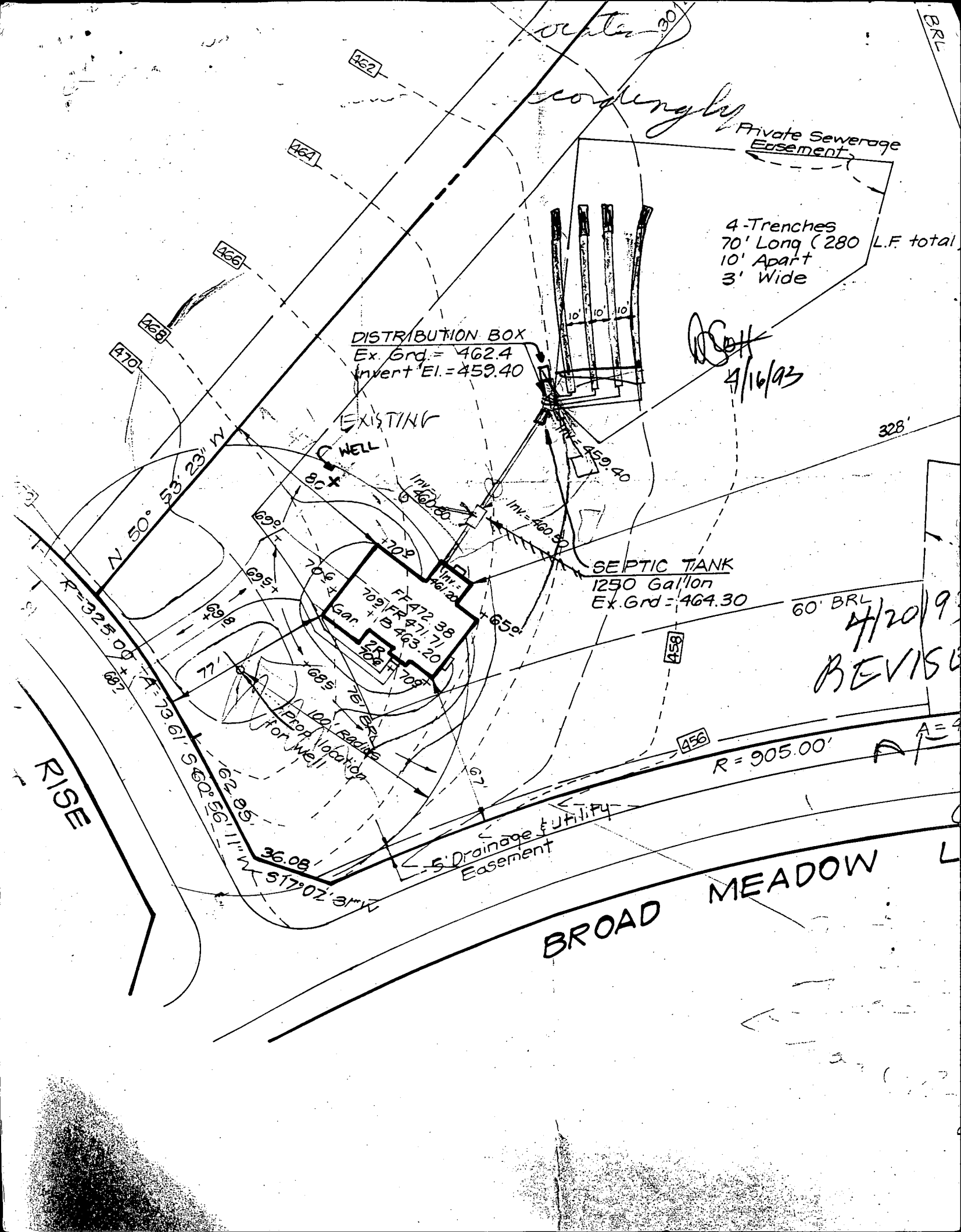
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Dan Antelony

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

COUNTY

FRONT LOT LINE





DISTRIBUTION BOX  
Ex Grd. = 462.4  
Invert El. = 459.40

4 Trenches  
70' Long (280 L.F. total)  
10' Apart  
3' Wide

4/16/93

SEPTIC TANK  
1250 Gallon  
Ex Grd. = 464.30

EXISTING  
WELL

4/20/93  
REVISION

RISE

BROAD MEADOW

N 50° 53' 23" W

N 51° 07' 31" W

R = 905.00'

A = 9

5' Drainage & Utility Easement

N 31° 07' 31" W

N 36° 08' 31" W

N 42° 09' 31" W

N 48° 10' 31" W

N 54° 11' 31" W

N 60° 12' 31" W

N 66° 13' 31" W

N 72° 14' 31" W

N 78° 15' 31" W

N 84° 16' 31" W

N 90° 17' 31" W

N 96° 18' 31" W

N 102° 19' 31" W

N 108° 20' 31" W

N 114° 21' 31" W

N 120° 22' 31" W

N 126° 23' 31" W

N 132° 24' 31" W

N 138° 25' 31" W

N 144° 26' 31" W

N 150° 27' 31" W

N 156° 28' 31" W

N 162° 29' 31" W

N 168° 30' 31" W

N 174° 31' 31" W

N 180° 32' 31" W

N 186° 33' 31" W

N 192° 34' 31" W

N 198° 35' 31" W

N 204° 36' 31" W

N 210° 37' 31" W

N 216° 38' 31" W

N 222° 39' 31" W

N 228° 40' 31" W

N 234° 41' 31" W

N 240° 42' 31" W

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N 342° 59' 31" W

N 348° 00' 31" W

N 354° 01' 31" W

N 360° 02' 31" W

N 366° 03' 31" W

N 372° 04' 31" W

N 378° 05' 31" W

N 384° 06' 31" W

N 390° 07' 31" W

N 396° 08' 31" W

N 402° 09' 31" W

N 408° 10' 31" W

N 414° 11' 31" W

N 420° 12' 31" W

N 426° 13' 31" W

N 432° 14' 31" W

N 438° 15' 31" W

N 444° 16' 31" W

N 450° 17' 31" W

N 456° 18' 31" W

N 462° 19' 31" W

N 468° 20' 31" W

N 474° 21' 31" W

N 480° 22' 31" W

N 486° 23' 31" W

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N 498° 25' 31" W

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N 516° 28' 31" W

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N 546° 33' 31" W

N 552° 34' 31" W

N 558° 35' 31" W

N 564° 36' 31" W

N 570° 37' 31" W

N 576° 38' 31" W

N 582° 39' 31" W

N 588° 40' 31" W

N 594° 41' 31" W

N 600° 42' 31" W

N 606° 43' 31" W

N 612° 44' 31" W

N 618° 45' 31" W

N 624° 46' 31" W

N 630° 47' 31" W

N 636° 48' 31" W

N 642° 49' 31" W

N 648° 50' 31" W

N 654° 51' 31" W

N 660° 52' 31" W

N 666° 53' 31" W

N 672° 54' 31" W

N 678° 55' 31" W

N 684° 56' 31" W

N 690° 57' 31" W

N 696° 58' 31" W

N 702° 59' 31" W

N 708° 00' 31" W

N 714° 01' 31" W

N 720° 02' 31" W

N 726° 03' 31" W

N 732° 04' 31" W

N 738° 05' 31" W

N 744° 06' 31" W

N 750° 07' 31" W

N 756° 08' 31" W

N 762° 09' 31" W

N 768° 10' 31" W

N 774° 11' 31" W

N 780° 12' 31" W

N 786° 13' 31" W

N 792° 14' 31" W

N 798° 15' 31" W

N 804° 16' 31" W

N 810° 17' 31" W

N 816° 18' 31" W

N 822° 19' 31" W

N 828° 20' 31" W

N 834° 21' 31" W

N 840° 22' 31" W

N 846° 23' 31" W

N 852° 24' 31" W

N 858° 25' 31" W

N 864° 26' 31" W

N 870° 27' 31" W

N 876° 28' 31" W

N 882° 29' 31" W

N 888° 30' 31" W

N 894° 31' 31" W

N 900° 32' 31" W

N 906° 33' 31" W

N 912° 34' 31" W

N 918° 35' 31" W

N 924° 36' 31" W

N 930° 37' 31" W

N 936° 38' 31" W

N 942° 39' 31" W

N 948° 40' 31" W

N 954° 41' 31" W

N 960° 42' 31" W

N 966° 43' 31" W

N 972° 44' 31" W

N 978° 45' 31" W

N 984° 46' 31" W

N 990° 47' 31" W

N 996° 48' 31" W

N 1002° 49' 31" W

N 1008° 50' 31" W

N 1014° 51' 31" W

N 1020° 52' 31" W

N 1026° 53' 31" W

N 1032° 54' 31" W

N 1038° 55' 31" W

N 1044° 56' 31" W

N 1050° 57' 31" W

N 1056° 58' 31" W

N 1062° 59' 31" W

N 1068° 00' 31" W

N 1074° 01' 31" W

N 1080° 02' 31" W

N 1086° 03' 31" W

N 1092° 04' 31" W

N 1098° 05' 31" W

N 1104° 06' 31" W

N 1110° 07' 31" W

N 1116° 08' 31" W

N 1122° 09' 31" W

N 1128° 10' 31" W

N 1134° 11' 31" W

N 1140° 12' 31" W

N 1146° 13' 31" W

N 1152° 14' 31" W

N 1158° 15' 31" W

N 1164° 16' 31" W

N 1170° 17' 31" W

N 1176° 18' 31" W

N 1182° 19' 31" W

N 1188° 20' 31" W

N 1194° 21' 31" W

N 1200° 22' 31" W

N 1206° 23' 31" W

N 1212° 24' 31" W

N 1218° 25' 31" W

N 1224° 26' 31" W

N 1230° 27' 31" W

N 1236° 28' 31" W

N 1242° 29' 31" W

N 1248° 30' 31" W

N 1254° 31' 31" W

N 1260° 32' 31" W

N 1266° 33' 31" W

N 1272° 34' 31" W

N 1278° 35' 31" W

N 1284° 36' 31" W

N 1290° 37' 31" W

N 1296° 38' 31" W

N 1302° 39' 31" W

N 1308° 40' 31" W

N 1314° 41' 31" W

N 1320° 42' 31" W

N 1326° 43' 31" W

N 1332° 44' 31" W

N 1338° 45' 31" W

N 1344° 46' 31" W

N 1350° 47' 31" W

N 1356° 48' 31" W

N 1362° 49' 31" W

N 1368° 50' 31" W

N 1374° 51' 31" W

N 1380° 52' 31" W

N 1386° 53' 31" W

N 1392° 54' 31" W

N 1398° 55' 31" W

N 1404° 56' 31" W

N 1410° 57' 31" W

N 1416° 58' 31" W

N 1422° 59' 31" W

N 1428° 00' 31" W

N 1434° 01' 31" W

N 1440° 02' 31" W

N 1446° 03' 31

C 1 6996 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A# 37812

ST/CO USE ONLY  
 DATE Received APR 27 1993  
 DATE WELL COMPLETED 032293

Depth of Well 2200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-92-0317

OWNER Scott Development last name first name TOWN CLARKSVILLE  
 STREET OR RFD MISTY RISE CT  
 SUBDIVISION CLEARVIEW EST SECTION LOT 49

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		Check if water bearing
	FROM	TO	
Top Soil	0	1	
Sandy	1	21	✓
SAND Stone	21	29	
DARK GRANITE	29	140	
WHITE mica	140	160	✓
GRAY mica	160	200	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)  
 TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS 11 NO. OF POUNDS 1100  
 GALLONS OF WATER 55  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 25 ft.

CASING RECORD  
 casing types insert appropriate code below  
 ST CO STEEL CONCRETE  
 PL OT PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
 ST 6 29

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD  
 screen type or open hole insert appropriate code below  
 ST BR HO STEEL BRASS OPEN HOLE  
 PL OT PLASTIC OTHER

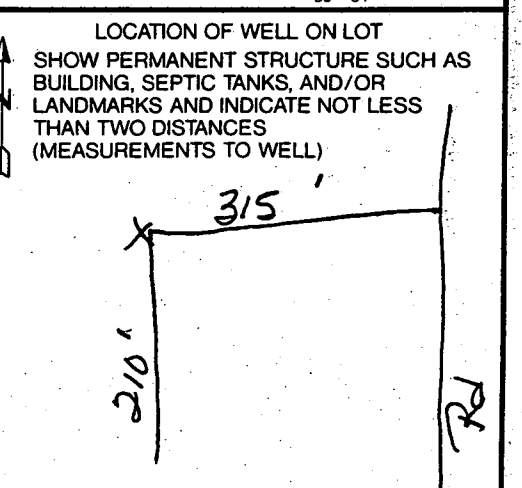
C 2  
 DEPTH (nearest ft) H0 0 29  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3  
 PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 8  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 12 WHEN PUMPING 21  
 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) LAND SURFACE



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 28.04.04 "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.

DRILLERS IDENT. NO. 40  
 DRILLERS SIGNATURE George F. Eustenley  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Dan Eustenley  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)