

5/6/83 12:30 on 1:00 P.M.
5/5/83
Approved 7/12/83
Stayer
P 32725
28957
A 29857

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 3rd

DATE 5/4/83

INDEX

Emerson Feaga

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS Old Frederick Road, Woodstock, MD 21163 PHONE 465-5167

SUBDIVISION Triadelphia Farms II ROAD 13282 Triadelphia Rd. EC LOT 8-A

PROPERTY OWNER Robert Dorsey DORSEY

ADDRESS

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3/158 sq. ft. per bedroom

Minimum total sq. ft., 474. Trench 2 ft. wide, inlet 3 ft. below original grade

Max. depth 9 ft. below original grade. Effective area begins at 4 ft. below

original grade, 5 ft. of stone below distribution pipe. NOTE: (1) No trench to exceed

100 ft. in length, (2) If more than one trench used, a distribution box is required, and (3)

Trenches to be installed on level ground. LOCATION: Start trench system 50 ft.

from the edge of paved road (near right sideline) and approximately 125 ft. from the

back property line as seen when facing the property from Triadelphia Road. Trench (s)

run on level ground, towards Triadelphia Road.

PLANS APPROVED BY Craig Willims DATE 12/15/82

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

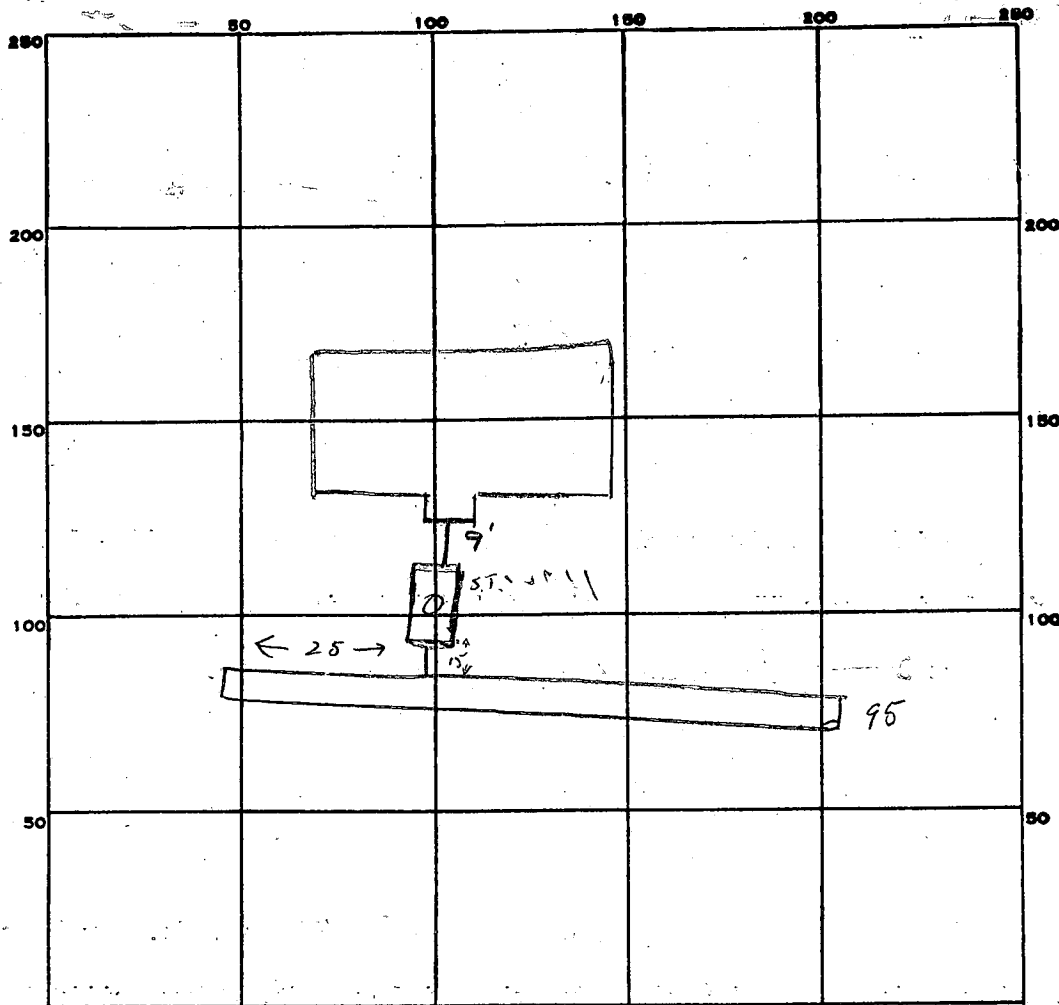
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

***CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

28957
29857



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Road

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1000 gal CLEANOUTS ST ✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH 95 FT.

NUMBER OF TRENCHES 1 1/2 SIDEWALL TOTAL BOTTOM AREA 495 SQ. FT.

95
15
495

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 5/5/83 OK to add stone in trench js

5-6-83
OK TO COVER ST. 4 TRENCH

CALL FOR HOUSE CONNECTION. OK

7/12/83 OK to cover all work. js

DATE SYSTEM APPROVED 7/12/83 INSPECTOR Stayer

APPLICATION

A 28957

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 3rd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESDISTRICT 10/2/78P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLANDBLDG. PERMIT SIGNED
AND RETURNED 5/9/83
Serial #53185 SFD.I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.PROPERTY OWNER Dr. Richard Hemphill Robert Dorsey & Son Inc
9926 Cypressmeade Drive 465-7777
c/o Boender Associates, Inc., Town & Country Prof.
ADDRESS Ellicott City, Md Bldg. PHONE 465-5739

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms, Section II LOT NO. 8-A
13282 Triadelphia Road
ROAD AND DESCRIPTION _____SIZE OF LOT 1 acre TYPE BLDG. SFD 3 or 4
NA NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.SIGNATURE OF APPLICANT 1st Jack BoenderAPPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING ★ SYSTEM TO BE INSTALLEDPRIOR TO ISSUANCE OF BUILDING PERMIT.C Willhams 12-5-82

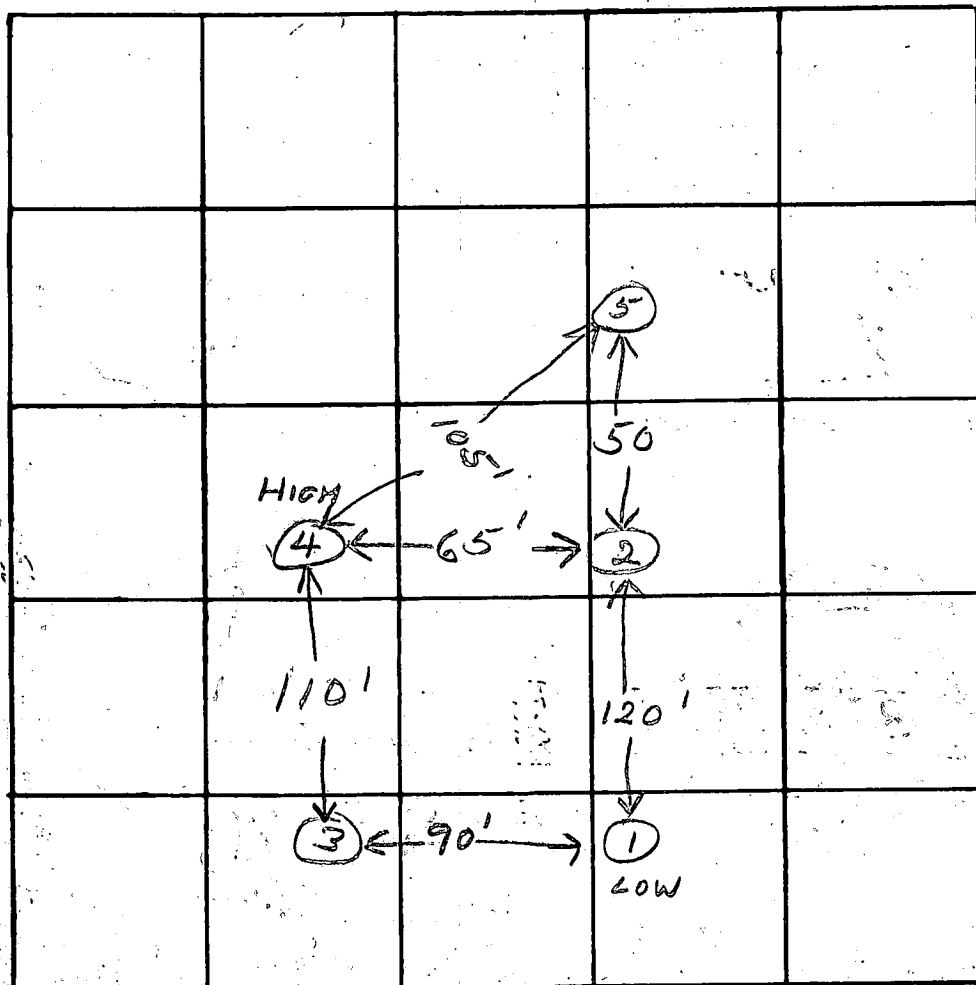
THIS IS NOT A PERMIT

8A

LOT 8A

TRIADELPHIA

RD



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
145/78	1 S	2	2:10	2:11	2:11	2:12	1
	1 D	12	2:10	2:12	2:12	2:15	3
	2 S	2	2:19	2:20	2:20	2:21	1
	2 D	12	2:19	2:21	2:21	2:24	3
	3	12	VISUAL				
	4 S	4	2:34	2:44	2:44	3:02	8
	4 D	13	2:34	2:36	2:36	2:39	3
	5	10	VISUAL				

REMARKS

TYPE OF SOIL

THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

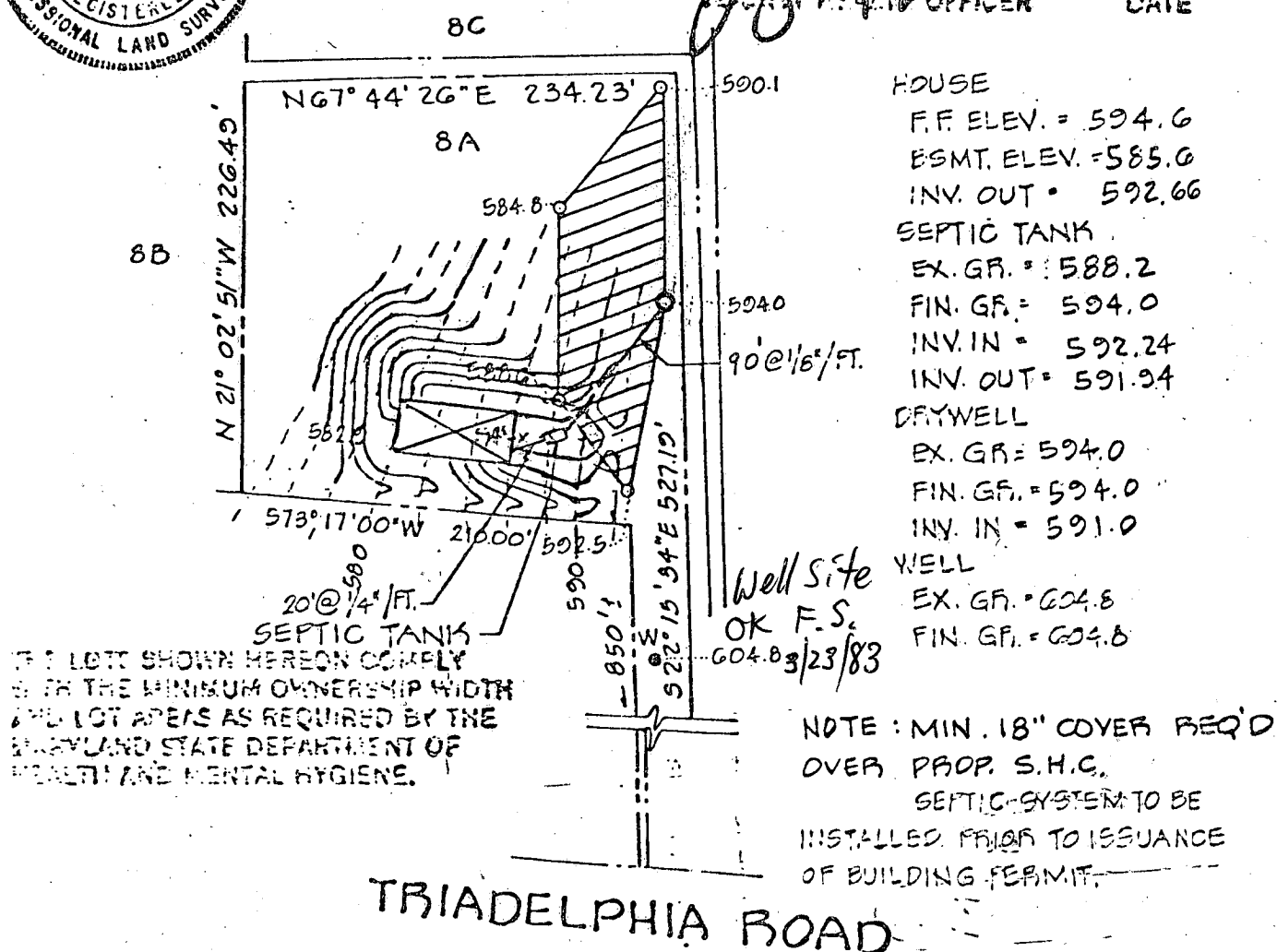
NOTE:

1. CONTRACTOR TO SET GRADES IN FIELD
2. SEWER SERVICE AVAILABLE TO F.F. ONLY.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

Joseph D. [Signature]
HEALTH OFFICER
DATE 11-14-79



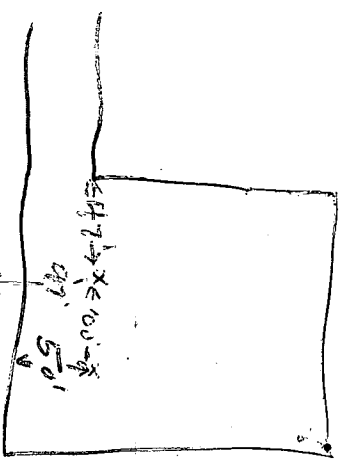
Revised 11-9-79

TITLE	PERCOLATION TEST PLAT		
PROJECT	LOT 8A TRIADELPHIA FARMS II		
LOCATION	3RD ELECTION DISTRICT HOWARD COUNTY, MD.		
DATE:	JULY, 1979	DESIGN BY:	-
		DRAWN BY:	W.H.N.
		CHECKED BY:	W.G.H.
SCALE:	1" = 100'	JOB NO.:	77228
		DRAWING NO.:	

boender associates

engineers
surveyors
planners

C 2814339



edge of

Rocky Mts.
82



B 1 1097 2/ 3/ 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-81-0066 fill in this form completely
Date Received 04/04/83 OWNER INFORMATION DORSEY ROBERT 9926 CYPRESS HEDD DR. ELLICOTT CITY MD 21043	B 3 LOCATION OF WELL HOWARD TRIADDELPHIA FARMS SECTION 2 LOT 8A GLENELG MILES FROM TOWN (enter 0 if in town) 1 MI	DRILLER INFORMATION SANDY B. COCHRAN G. EDGAR HARR JONS CORP. 12047 FALLS RD COCKEYSVILLE 21030 Sandy B Cochran 3-30-83
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750	B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) TRIADDELPHIA ROAD NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 800 FT	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 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 other _____	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A 28957 COUNTY NAME _____ COUNTY NO. _____ OEP SIGNATURE _____ STATE HEALTH INSERT S _____ DATE ISSUED 04/20/83 CO SIGNATURE Frank Skinner EXP. DATE 10/20/83 NORTH GRID 523 0 0 0 EAST GRID 0807 0 0 0
REPLACEMENT OR DEEPEENED 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 DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41	SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER WRITE THE BOX NUMBER FROM THE MAP HERE 800 5203 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION Location OK 60' casing 2' above ground 50' open 18' caga cement 4/26/83 Fuller eng. Co. 3 bags	APPROX. PERMIT NUMBER _____ FORCE FS WRITE INITIALS IN BOX PERMIT NO. HO-81-0066 SPECIAL CONDITIONS

465-5739

C1 7710 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS. Date Received (OEP use only) _____ DATE WELL COMPLETED 050383	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 A28957 PERMIT NO. 40-81-0066																						
OWNER Dorsey Robert last name first name STREET OR RFD Triadelphia Road TOWN Glenelg SUBDIVISION Triadelphia Farms SECTION 2 LOT 84																								
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">Check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>OVERBURDEN</td> <td>0</td> <td>10</td> <td></td> </tr> <tr> <td>BROWN SHALE</td> <td>10</td> <td>58</td> <td></td> </tr> <tr> <td>GREY ROCK</td> <td>58</td> <td>200 X</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"> WELL #1 400' DRY (BACKFILLED) </td> </tr> </tbody> </table>	DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	FROM	TO	OVERBURDEN	0	10		BROWN SHALE	10	58		GREY ROCK	58	200 X		WELL #1 400' DRY (BACKFILLED)				GRROUTING RECORD WELL HAS BEEN GROUTED Y N (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 18 NO. OF POUNDS 1800 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 60 ft. (enter 0 if from surface)	C 3 (seq. no.) PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 222 METHOD USED TO MEASURE PUMPING RATE SUBMERSIBLE WATER LEVEL (distance from land surface) BEFORE PUMPING 19'6" WHEN PUMPING 179'4" TYPE OF PUMP USED (for test): A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible
DESCRIPTION (Use additional sheets if needed)		FEET			Check if water bearing																			
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	CASING RECORD casing types insert appropriate code below ↓ ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60	PUMP INSTALLED YES Y NO N DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 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 } LAND SURFACE - below } _____ (nearest foot)																						
	SCREEN RECORD screen type or openhole insert appropriate code below ↓ ST BR HO STEEL BRASS, OPEN BRONZE HOLE PL OT PLASTIC OTHER C 2 (seq. no.) DEPTH (nearest ft.) 60 200	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) 																						
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. 120 Sandy & Co. DRILLERS' SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Sandy & Co. SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee) _____																								
GRAVEL PACK _____ IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA 																								

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0066
Location of property (road) TRIADELPHIA ROAD
Subdivision TRIADELPHIA FARMS Lot 8 Block A Plat Sec.
Well Driller G. EDGAR HARR SONS CORP. Owner ROBERT DORSEY

Depth of well 200'
Distance of measuring point (M.P.) above ground 15"
Static water level (S.W.L.) below M.P. 19'6"

I. High rate pumping -- reservoir drawdown

Time pump started 0900 Pumping rate 9.76
Total time 30 to reach pumping water level 178'6" ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill #1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
0900	19'6"	4		15.0
0915	149'	5		12.0
0930	178'6"	26		2.3
0945	178'7"	23		2.6
1000	180'	23		2.6
1015	181'10"	25		2.4
1030	180'4"	28		2.14
1045	179'	28		2.14
1100	178'10"	26		2.3
1115	179'1"	26		2.3
1130	179'2"	26		2.3
1145	179'4"	26		2.3
1200	180'	26		2.3
1215	179'9"	27		2.22
1230	179'3"	27		2.22
1245	179'2"	27		2.22
1300	179'3"	27		2.22
1315	179'2"	27		2.22
1330	179'4"	27		2.22
1345	179'2"	27		2.22
1400	179'3"	27		2.22
1415	179'1"	27		2.22
1430	179'4"	27		2.22
1445	179'5"	27		2.22

ORDER

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

to reach pump-out water level.

[illegible]