

S 18.56'05" W
M 50.99'00" E

510.46'

Sewage Disposal Area

50' BURL

(FRONT)

CONCRETE BLOCK FOUNDATION

FLOOD ZONE C

100' BUFFER

100.00'

118.8'

FLOOD ZONE (B)

WATER

25' BUFFER

NONTAL WETLANDS

TOTAL WETLANDS

S 67.03'28" E

N 67.03'28" W
62.00'

N 26.47'59" W
143.73'

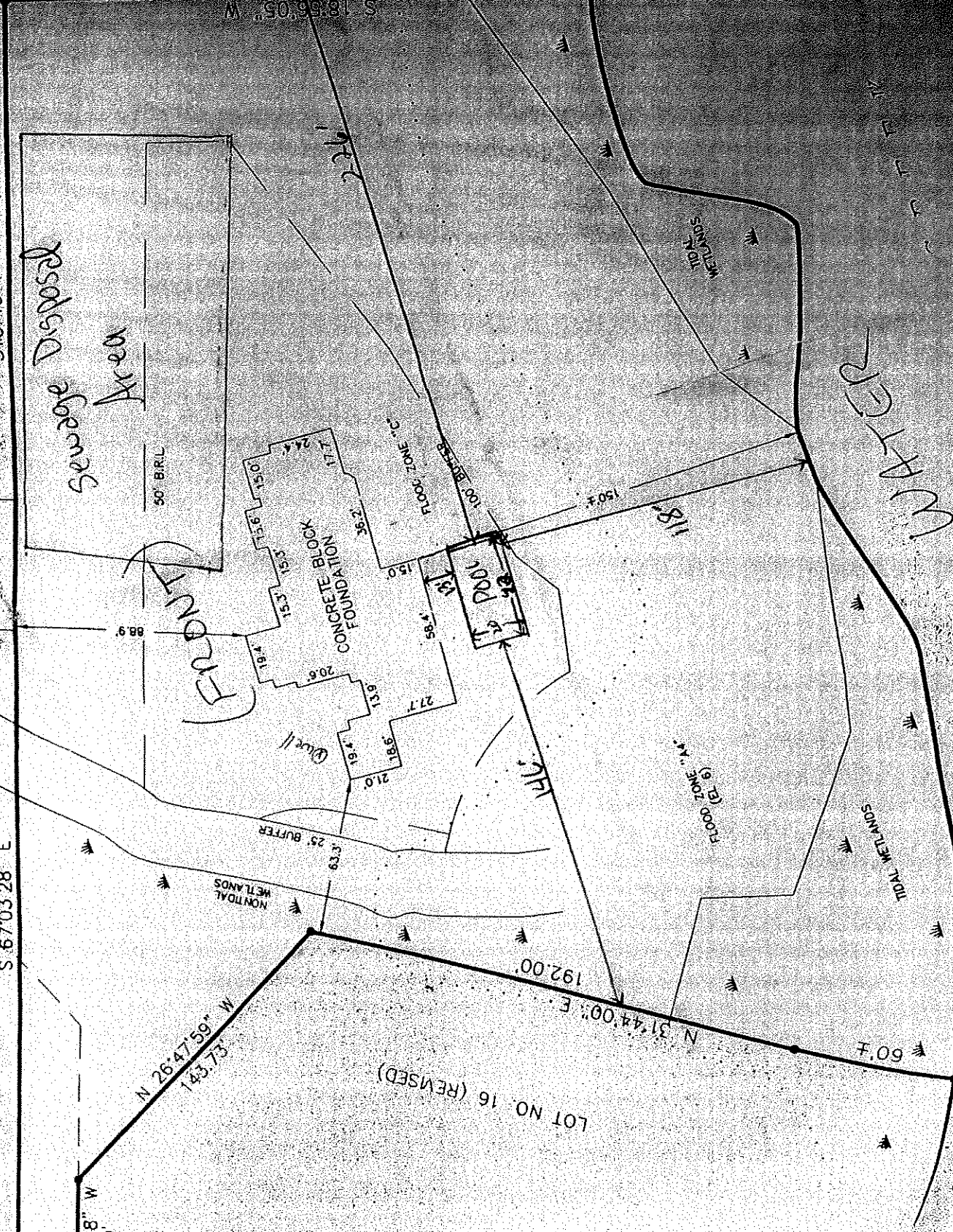
LOT NO. 16 (REMSD)

192.00'

N 31.44'00" E

60' F

N 25.95'
55.00'



**STATE OF MARYLAND
WELL COMPLETION REPORT**
FILL IN THIS FORM COMPLETELY.
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER 42/10/242-1817
PERMIT NO. FROM "PERMIT TO DRILL WELL" TA-94-0953

DATE WELL COMPLETED 9/30/99
Depth of Well 224.0
(TO NEAREST FOOT)

OWNER Degrass-Jaffet Anne Stewart
STREET OR RD Springfield Drive TOWN
SUBDIVISION Cook's Hope SECTION LOT 17

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	2	
Tan Sand	2	12	
Tan Clay	10	15	
Gray Clay	15	40	
G 3 45	40	40	✓
Brown Clay	60	110	
Gray Clay	110	160	
G 3 45	160	170	
Gray Clay	170	240	
Brown Sand	240	312	✓
Sand Clay	312	500	
Brown Clay	500	550	
Pepper Sand	550	570	
Coarse Brown Sand	570	640	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 10 NO. OF POUNDS 250
GALLONS OF WATER 250
DEPTH OF GROUT SEAL (to nearest foot)
from 2 ft. to 290 ft.
(enter 0 if from surface)

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 180
OTHER CASING (if used) diameter inch from to depth (feet)
PL 3 180 620

SCREEN RECORD

screen type or open hole ST BR HO
STEEL BRASS OPEN HOLE
 PL OT
PLASTIC OTHER
DEPTH (nearest ft.)
PL 620 640

PUMPING TEST

HOURS PUMPED (nearest hour) 2
PUMPING RATE (gal. per min.) 35
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 75 ft.
WHEN PUMPING 120 ft.
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 INSTALLED PUMP (CIRCLE) (YES or NO) YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE
 - below } (nearest foot) 1 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
Creek

NUMBER OF UNSUCCESSFUL WELLS

WELL HYDROFRACTURED Y N

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

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.

DRILLER'S LIC. NO. MSD 141
DRILLER'S SIGNATURE
DRILLER'S SIGNATURE (ON APPLICATION)
LIC. NO. D

SUPERVISOR'S SIGNATURE (if driller or journeyman)
SUPERVISOR'S SIGNATURE (if not driller or journeyman)

GRAVEL PACK 620 640
WAS GROUTED WELL INSTALLED IN BOX 29

MODELS ONLY (NOT TO BE FILLED IN BY DRILLER) (E.I.R.O.C.) W 3

TELESCOPE CASING LOG INDICATOR OTHER DATA

Lot # 17 as described on the reverse side has been found Acceptable with the following stipulations:

- A Preliminary Plat showing the items & Sewage Reserve Areas as described on the enclosed sheets must be submitted for review before the final plat may be submitted.
- The results of this soil evaluation will become null & void if a final surveyor's plat is not submitted & approved by the Talbot County Health Department within 6 months of the date of this evaluation.
- A surveyed diagram showing 10,000 square foot area reserved for wastewater disposal and surveyed site locations of all profile evaluations must be submitted.
- Trenches used in the construction of your on-site wastewater system must be sand lined.
- A conventional SAND MOUND will be designed & approved.
- A BERMED INFILTRATION POND will be designed & approved.
- Your wastewater system must be constructed when the ground water table is not present (usually July through November).
- SDA HAS BEEN FLAGGED IN THE FIELD & MARKED "SDA CORNER" FLAGGED SDA (76'x145') MUST BE SURVEY-LOCATED & SHOW ALL SOIL BORINGS. WHEN SURVEYED BRING TO ENVIRON. HEALTH OFFICE FOR FINAL REVIEW.

Other pertinent factors of your lot evaluation are: ground water management area B, percolation rate _____; infiltration rate _____; depth of trench 6; invert of leach bed tubing no more than 1.5 ft from ground surface; soil type (SCS) _____

These results will remain viable once the above stipulations are satisfied unless conditions on the lot are altered, see Pol. y Directive R.S. #6 dated August 19, 1985.

Lot # _____ As described on the reverse side has been found Unacceptable for the following reason:

- High Seasonal Ground Water Table
- Percolation/Infiltration rate not acceptable
- Failure of individual on-lot wastewater system(s) in vicinity of proposed lot
- Unable to meet proper setbacks
- Unable to meet criteria set forth in the Talbot County Ground Water Protection Plan
- Other: _____
- See Attached Letter

If you have any questions or comments concerning the above described results, please contact this office at (410) 820-8213 to set up an appointment with the Sanitarian listed below and/or the Environmental Health Director.

Kenneth A. Clae, R.S. 2/17/99
Reviewing Sanitarian Date

EMERGENCY/TEMP NO. IF ANY

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

TA-94-0953

Date Received (APA) 2/16/99

OWNER INFORMATION (Flex) 410 920 4393

LOCATION OF WELL B 3 TAI bot COOKS HOPE EASTON MD 21001

OWNER INFORMATION Degroof-Saffit Anne & Stewart Arcadia Shires Rd. Easton Md 21001

DRILLER INFORMATION Ben Wood MSD 141 Lifetime Well Drilling Co. 24321 Shore Hwy. Denton MD 21629

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Springfield Drive ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 250

WELL INFORMATION APPROX. PUMPING RATE 10 AVERAGE DAILY QUANTITY NEEDED 300

USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL TAI bot 42/10/242 4/7/99 4/7/00

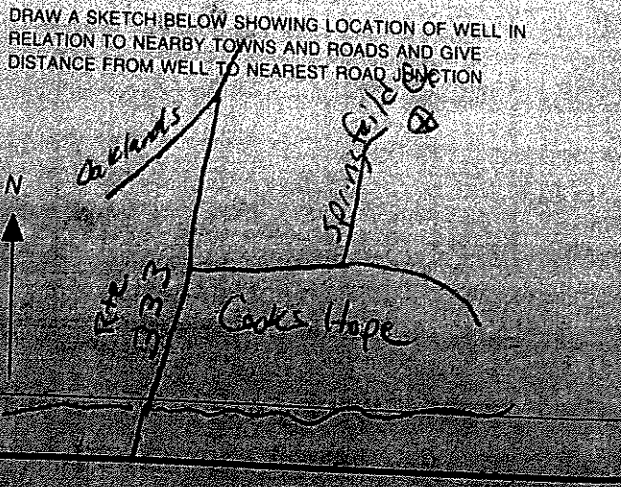
APPROXIMATE DEPTH OF WELL 1000 FEET

APPROXIMATE DIAMETER OF WELL 4 INCH NEAREST INCH

METHOD OF DRILLING (circle one) ROTARY (Hydraulic Rotary)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Shop

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 PERMIT No. TA 94 0953

SPECIAL CONDITIONS