

Tax ID - 04 326121

PERMIT

File

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49385

A 36309

DISTRICT 4th

DATE 07/01/93

DATE SYSTEM APPROVED 9/3/93

INSPECTOR C.B.A.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

Hidey, Incorporated

IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 283, Woodstock, Maryland 21163

PHONE 944-0423

SUBDIVISION Alfred Raws Property LOT ROAD 16487 Ed Warfield Road

PROPERTY OWNER Thomas P & Anne R. Bradford

ADDRESS 16487 Ed Warfield Road
Woodbine, Maryland 21797

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 447.07' lot line and the 517.92' lot line, place the distribution box 145 feet down the 517.92' lot line and 140 feet

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 7/1/93

2 105' TRENCHES OK MR 8/30/93

PLANS APPROVED BY Mark Rifkin

REVISED DATE 5/07/93

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

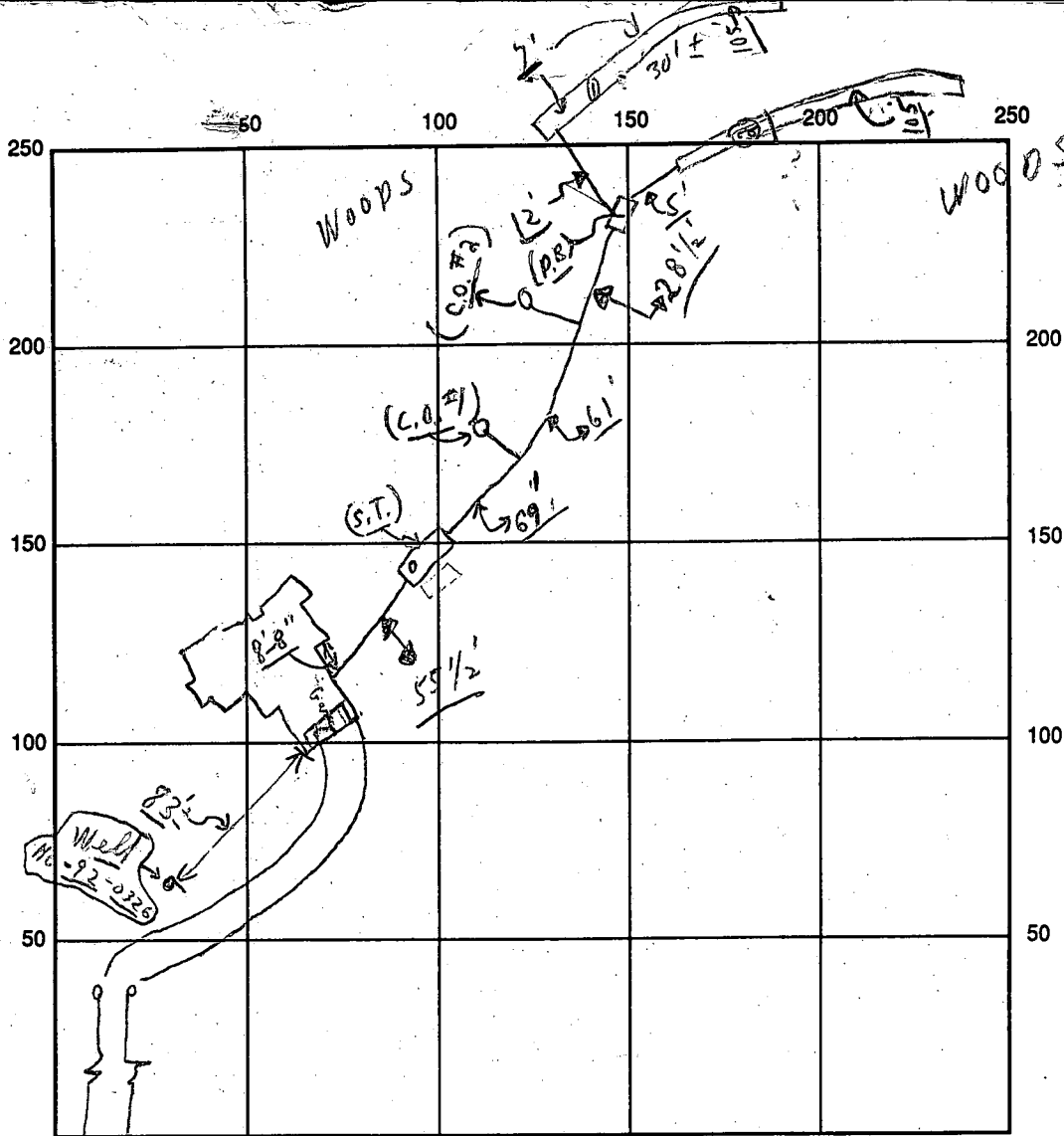
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 36309

9-2-93
am wrap
+ 800
9/3/93



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ED WARFIELD ROAD (Manhole S.T. C.O. OK)

C.O.1 OK | C.O.2 OK

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 2 ± 0 average FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 ± 0 FT. TOTAL LENGTH 105 ± FT. = 210

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 840 ± SQ. FT.

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

ABSORBENT AREA 840 ± SQ. FT.

REMARKS: 1/2 P.M. Partial ok to continue; ok to cover from house to
dist box; #1 trench started; 1/2 P.M. ok to continue - trench
#1 complete with stones; (Wells, etc. not dig) ok to dig #2 Trench + stones except
for end; 1/3 Final - ok to cover as finish - #2 Trench - all dig.
(Material on site)

1/2 No WPI

DATE SYSTEM APPROVED 9/3/93

INSPECTOR Charles Bryan Stricker

APPLICATION

SEWAGE DISPOSAL TESTING

A 36309

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT _____

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

DATE 12.3.85

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 Alfred Raws Jr. & Wife
2201 Yardley Road
ADDRESS Yardley, PA 19067 PHONE _____

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. Parcel 150, Map 13, Grid 22

ROAD AND DESCRIPTION Ed Warfield Road

SIZE OF LOT 6.731 Acres TYPE BLDG. Single Family Dwelling
(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. /s/ Kidde Consultants, Inc.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

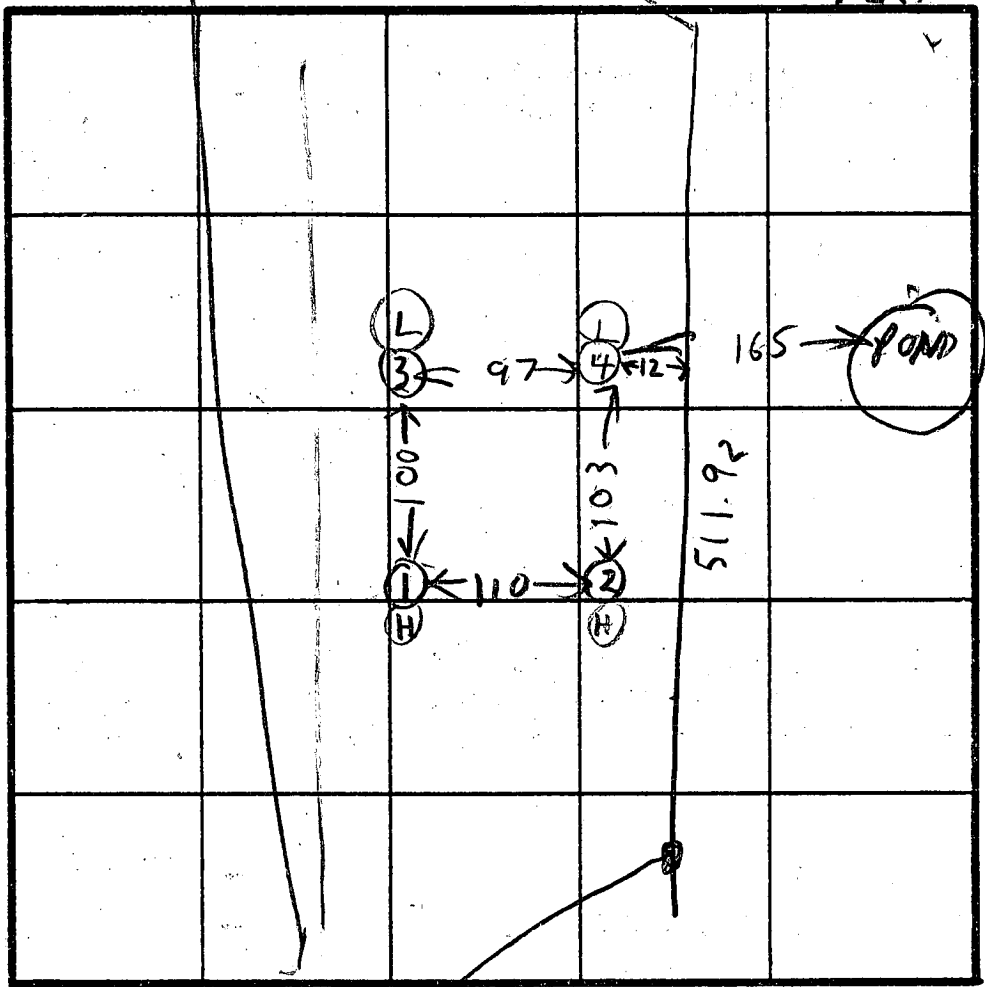
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

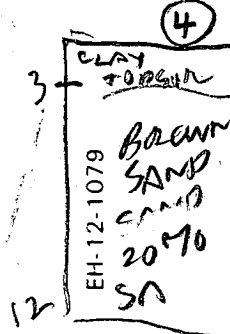
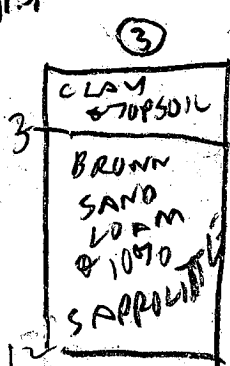
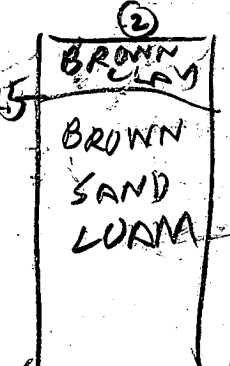
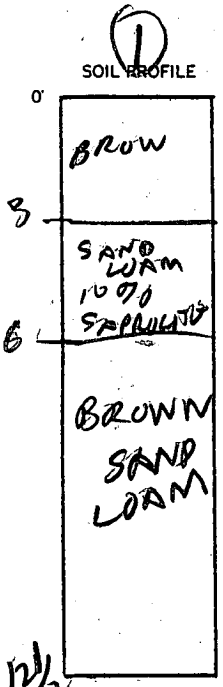
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SEE ATTACHED PLAT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 12/17/85 | 1S | 4 | 146 | 153 | 153 | 203 | 10 |
| | 1V | 12.5 | LOOKS | OK | | | |
| 12/17/85 | 2V | 11.5 | LOOKS | OK | | | |
| | 3S | 3 | 204 | 207 | 207 | 217 | 10 |
| | 3V | 12 | LOOKS | OK | | | |
| | 4S | 3.5 | 218 | 221 | 221 | 227 | 6 |
| | 4V | 12 | LOOKS | OK | | | |

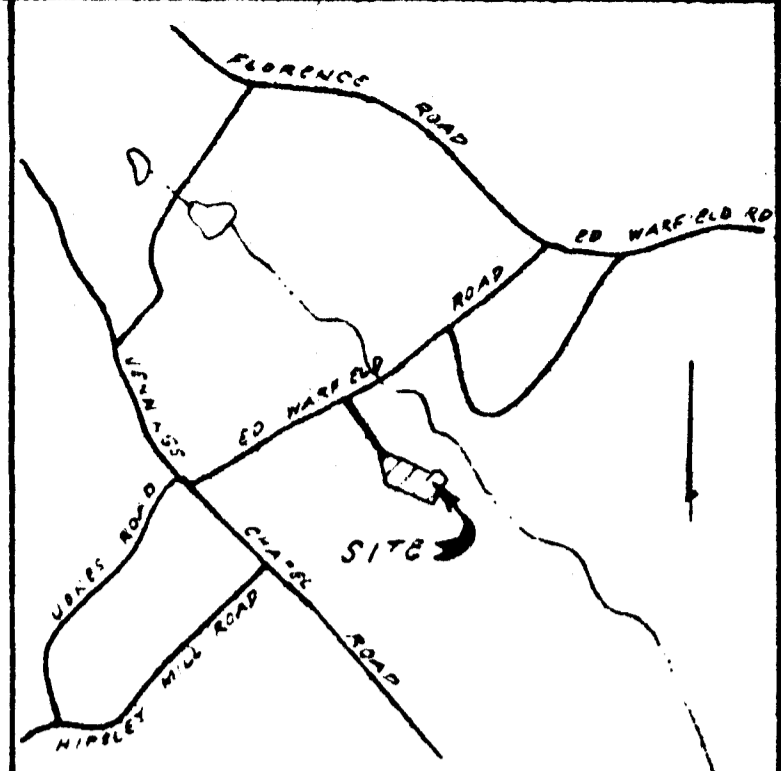
REMARKS _____

TYPE OF SOIL _____

TESTED BY B. HODGES

ALSO PRESENT JFY OK & SKIP KIPP CONSULTANTS SURVIVOR

ED WARFIELD ROAD



VICINITY MAP
Scale: 1" = 2000'

SOIL TYPE LEGEND

- CK82 Blisk silt loam 3-8% Slopes
- Ch82 Chester silt loam 3-8% Slopes
- G1C2 Glendy loam 8-15% Slopes
- G1D2 Glendy loam 15-25% Slopes
- M1E Manor loam 35-45% Slopes
- Co Cedarus silt loam

Taken From Soil Survey Howard County, MD.
Map No. 12

● = TESTED PERC HOLES: 12-17-85 PASSED

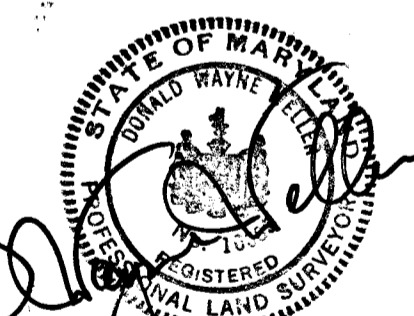
NOTES:

- 1) TITLE REFERENCE: Property was conveyed by Edwin Warfield III to Alfred Raws Jr, and wife by deed dated January 25, 1971 and being recorded among the Land Records of Howard County, Maryland in Liber 549 at Folio 739.
- 2) Topography shown hereon was taken from Topographic Maps obtained from Howard County, MD. as revised March, 1985
- 3) There are no existing wells or septic within 100 feet of lot boundaries.
- 4) THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS LOCATED IN FIELD AND TESTED ON 12-17-85, HO. CO. HEALTH DEPT. FILE NO. A36309, AS REQUIRED BY THE, STATE DEPT. OF ENVIRONMENTAL SERVICES. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS.
- 5) THERE ARE NO ADJACENT WELLS OR SEPTIC AREAS WITHIN 100' OF PROPERTY.

3-18-93 REVISED SEPTIC AREA
3-23-93 APPROVEMENT No 5, HO. CO. SIGNATURE LINE, PERC HOLES

Jogun Byler 3-26-93
HOWARD COUNTY HEALTH OFFICER MR

DATE



Signed File Copy
PLAT OF PERCOLATION

ALFRED RAW'S JR. PROPERTY
ED WARFIELD ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Scale 1" = 100' Date: October, 1985
Job No. 1685099

PREPARED BY
KIDDE CONSULTANTS INC.
8101 Sandy Spring Road
Laurel, Maryland 20707
Baltimore (301) 798-8000 Wash. 953-1821
1685099-01

B 1 02333 SEQUENCE NO. (DP USE ONLY)
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-92-0326 fill in this form completely

OWNER INFORMATION
Date Received (APA) 022293
BRADFORD FIDMAS
STIGEDMONDSON HVE
BALTIMORE MD 21229

LOCATION OF WELL
HOWARD
ALFRED KAWS
LISBON
MILES FROM TOWN 5 1/2 MI

DRILLER INFORMATION
Joseph L. Mayne
Well Drilling Co
5512 Ridge Rd. Mt. Airy, Md. 21771
2/22/93

Ed. Warfield Road
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 950 FT

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A36309
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED
Mark E. Riffin 9/26/93
NORTH GRID 529000 EAST GRID 0776000

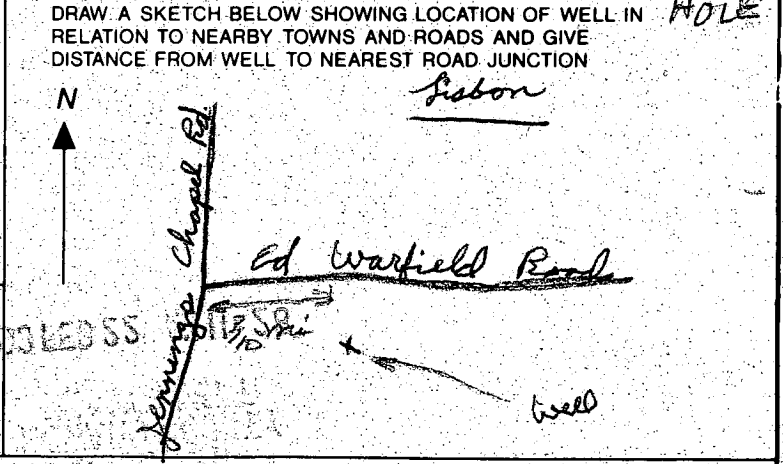
APPROXIMATE DEPTH OF WELL 280 FEET

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
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
7726
5229
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

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 GAP
FORCE INITIALS IN BOX PERMIT NO. HO-92-0326

SPECIAL CONDITIONS

DRILLER

C1 7824

SEQUENCE NO. (DENV 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 A36309

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 050793

Depth of Well 360 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-92-0326

OWNER Bradford Thomas last name first name

STREET OR RD. Edwa Field rd TOWN Lishon

SUBDIVISION ALFRED HAWES PROP SECTION LOT Map 13, P 150

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: Brown Shale 0-37, Blue Rock 37-360, Dry well 360' Filled in with cement + drilled materials.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 440 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

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) 42

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 BRONZE HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 40 360. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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

THEREBY 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...

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 WHEN PUMPING 238 TYPE OF PUMP USED (for test) 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 (nearest foot)

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) See Attached Well Locations