

Sept 6, 1995
6-7-95
2:00
3:30

Tax ID 03-316130

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50704

A 43984

DISTRICT 3rd

DATE 5-23-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX461-9933X 313-2640

DATE SYSTEM APPROVED 6/7/95

INSPECTOR C. B. S.

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Spring Valley Chase LOT 47 ROAD 12212 Woodford Drive

PROPERTY OWNER Ed and Gene Surowiec

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

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 - Place the distribution box 150 feet down the 451.95' lot line and 155 feet off that same lot line as seen when facing the lot from Woodford Drive. Run trenches ~~along contour in both directions.~~ along contour towards left lot line.

NOTES - Place the distribution box 150 feet down the 451.95' lot line and 155 feet off the same lot line as seen when facing the lot from Woodford Drive. Run trenches along contour in both directions. OK 3/15/95 DKS

PLANS APPROVED BY Donna K. Soe/Amy McMillen REVISED _____ DATE 02/28/95

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

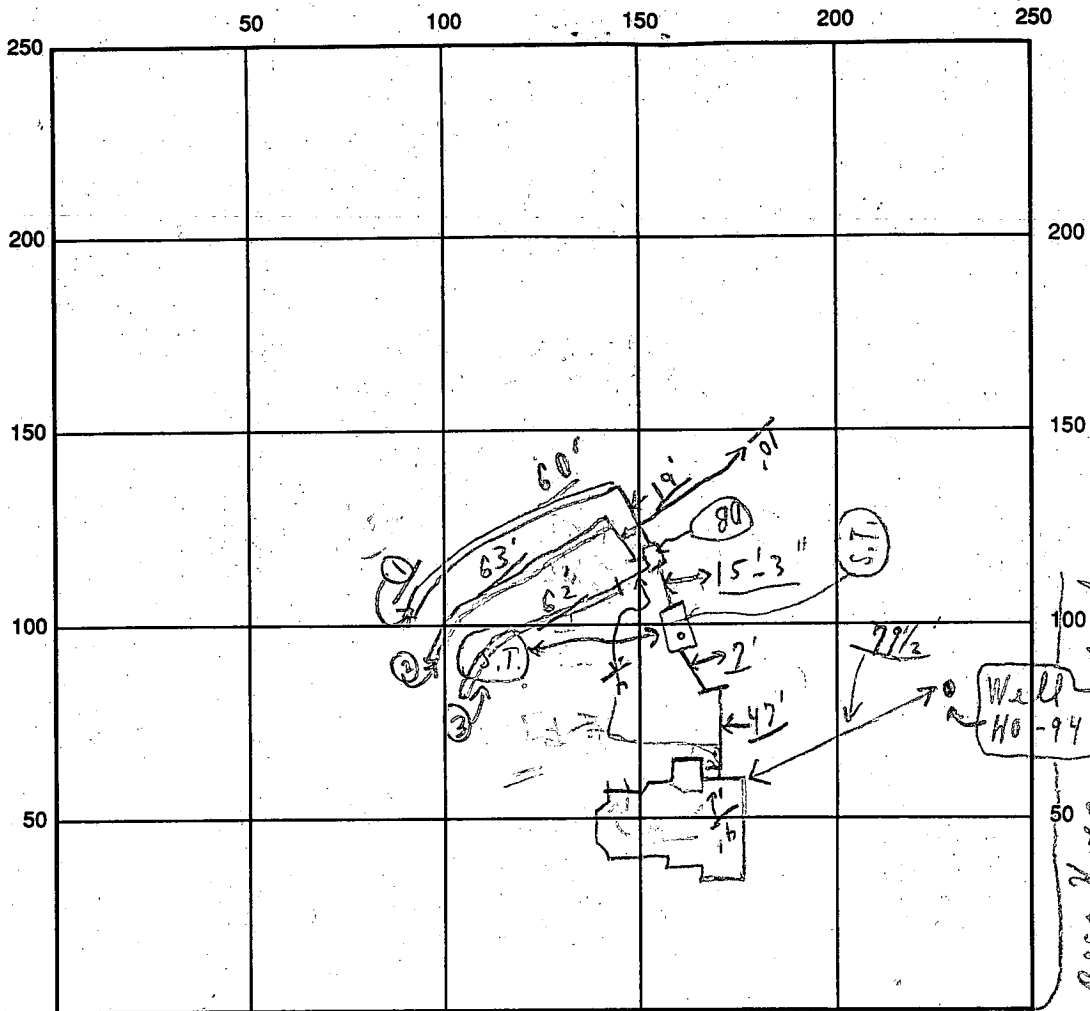
PERMIT VOID AFTER TWO YEARS

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
4/8 984



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

← WOODFORD DRIVE →

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TITLE DEPTH 7⁺ ave. hdy FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4⁺ FT. TOTAL LENGTH { 60; 63; 62 } FT. } 185⁺

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 740⁺ SQ. FT.

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

ABSORBENT AREA 740⁺ SQ. FT.

REMARKS: Parted 6/7/95 (12:15) OK to cover from home to dist. box, & to stone #1 trench; #2 stop - Parted ok to stone all trenches - 2 left; ok to cover #1 trench; later P.M. 6/7/95 - Final - ok to cover all work; C. B. B.

[6/7/95 W.P.I. @ 12:15 not ready; @ later P.M. Final check]

DATE SYSTEM APPROVED 6/7/95 INSPECTOR Charles Bryan

APPLICATION

PERCOLATION TESTING

A 43984
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3RD
DATE 4-17-89

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 Mother built Ed + GENE SUROWIEC

ADDRESS 10480 Little patuxent parkway suite 600 PHONE 964-2023
Columbia Md. 21044

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION ALBEE FARM (A RESUB. OF LOTS 2833) LOT NO 47
ROAD AND DESCRIPTION 12212 Woodford Drive

TAX MAP 9 & 10 PARCEL # 119 & 294
SIZE OF LOT 3.45 Ac. ± TYPE BLOC _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNATURE
AND RETURNED 2/28/95
Serial # 58196
S.F.D.

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.
John J. V.P. 3-29-89
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/15 for house site, well site +
perc certification.
C.B.

HD-216

THIS IS NOT A PERMIT

WOODFORD DRIVE
50' R/W L=233.61'

SEPTIC SYSTEM DATA

INV. @ HOUSE : 597.9

SEPTIC TANK

EX. GR. 601.2
FIN. GR. 600.0
INV. IN 597.5
INV. OUT 597.2

DISTRIBUTION BOX

EX. GR. 598.2
FIN. GR. 598.2
INV. IN 595.5
INV. OUT 595.5

TRENCHES

	#1	#2	#3
EX. GR.	597.8	596.3	595.6
FIN. GR.	597.8	596.3	595.6
LENGTH	50'	70'	90'
INV. IN	595.3	593.8	593.1

N17°46'02"W
36.23'

N61°20'00"
100.00'

N83°00'00"
100.00'

5/26/95
K. Schissler
called to
notify us
that this
is the correct
well location.
He does not
foresee any
problems w/ septic
installation,
except that
trenches will need
to run towards left
of line ONLY.

PROPOSED
HOUSE
FF. 611.85'
BE. 601.35'

LOT 47
6.825 AC. ±

4/21/95
DKS
trenches will need
to run towards left
of line ONLY.

HAVEN ROAD
50' R/W
L=105.87'

N81°23'28"
100.00'

N83°23'28"
100.00'

N 10° 47' 07" E
60'

BRL #25 WETLANDS BUFFER

BRL #25 WETLANDS BUFFER

EX PUBLIC 100 YR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT

Approved Septic System Plan
Howard County Health Department

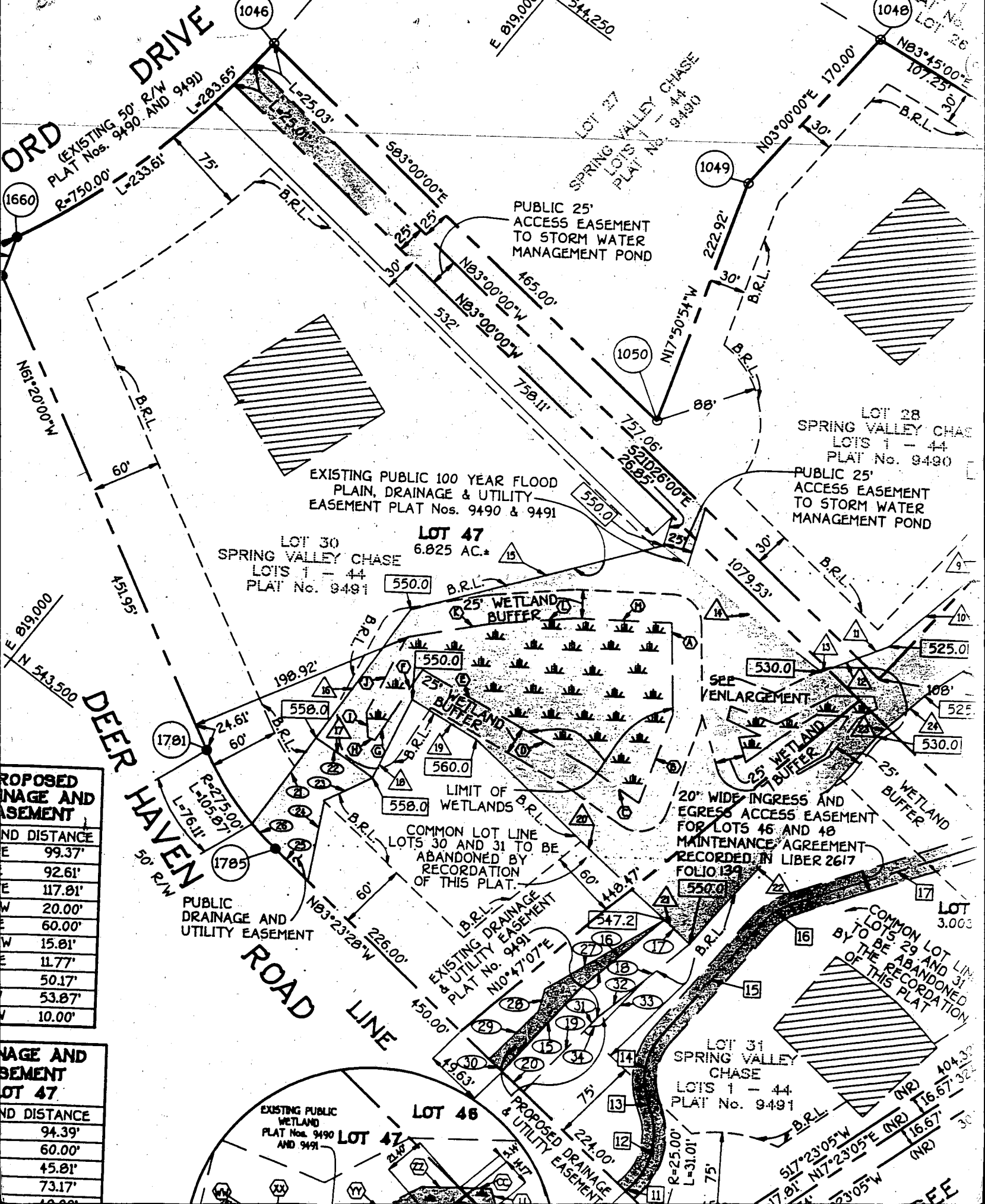
Signature: Andy McMillan
Date: 2/28/95

Length of trench to
be determined @
time of septic
permit issuance

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD. SUITE 104
ELICOTT CITY, MD 21043
PHONE: (410) 461-9563

SITE PLAN
SPRING VALLEY CHASE
LOT 47
PLAT # 10647
3RD ELECTION DISTRICT
HOWARD CO., MD
SCALE: 1"=100' DATE 2-22-95

AL AND ROAD MAINTENANCE TO BE AT THE JUNCTION OF FLAG OR PIPE STEM AND R/W AND NOT ONTO THE FLAG OR DRIVEWAY.



PROPOSED DRAINAGE AND EASEMENT

BEARING	DISTANCE
E	99.37'
E	92.61'
E	117.81'
W	20.00'
E	60.00'
W	15.81'
E	11.77'
E	50.17'
W	53.87'
W	10.00'

DRAINAGE AND EASEMENT LOT 47

BEARING	DISTANCE
E	94.39'
E	60.00'
E	45.81'
E	73.17'
E	10.00'

LOT 30
SPRING VALLEY CHASE
LOTS 1 - 44
PLAT No. 9491

LOT 47
6.825 AC.*

LOT 28
SPRING VALLEY CHASE
LOTS 1 - 44
PLAT No. 9490

20' WIDE INGRESS AND EGRESS ACCESS EASEMENT FOR LOTS 46 AND 48 MAINTENANCE AGREEMENT RECORDED IN LIBER 2617 FOLIO 139

COMMON LOT LINE LOTS 30 AND 31 TO BE ABANDONED BY RECORDATION OF THIS PLAT.

COMMON LOT LINE LOTS 29 AND 31 TO BE ABANDONED BY RECORDATION OF THIS PLAT

EXISTING PUBLIC WETLAND PLAT Nos. 9490 AND 9491

LOT 31
SPRING VALLEY CHASE
LOTS 1 - 44
PLAT No. 9491

B 1 09829 SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
MD-99-0088
 fill in this form completely

Date Received (APA)
05/13/94

OWNER INFORMATION

U-M-I-T-T RICHARD
 15 Last Name Owner First Name

PO BOX 228
 36 Street or RFD 55

CLARKSVILLE MONTGOMERY
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

HOWARD
 8 COUNTY 21

SPRING VALLEY CHASE
 23 SUBDIVISION 42

SECTION 44 LOT 47
 44 46 48 50

WEST FRIENDSHIP
 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 MI
 73 76 77 78

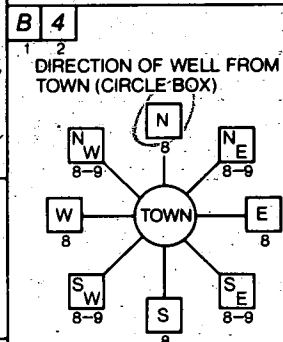
DRILLER INFORMATION

Joseph L. Mayne
 Driller's Name 77 License No. 80 74

Joseph L. Mayne Well Drilling
 Firm Name

5512 Ridge Rd. N.H. Hwy 21771
 Address

Joseph Mayne 5/13/94
 Signature Date



Woodland Dr.
 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

150
 34 DISTANCE FROM ROAD 37
 ENTER FT or MI FT
 38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
 14 20

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 COUNTY NAME COUNTY NO. AU3984

STATE SIGNATURE _____ INSERT S

DATE ISSUED 052494 Emald R. Kelly 5/24/95
 43 48 CO SIGNATURE EXP/DATE

NORTH GRID 544000 EAST GRID 0818000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTARY DRIVE-POINT

other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

54018
5404

5/29/94 1 Well built
 9:30 brot all down 10:20
 11# Bags of cement
 42' of casing
 38' of brot
 2' of casing above ground
 (Don't stop at site)

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

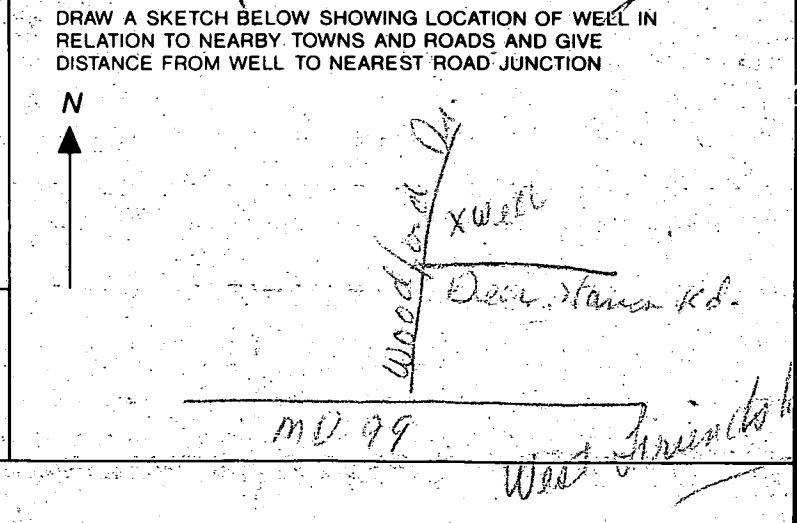
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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)

APPROP. PERMIT NUMBER _____

FORCE WRITE INITIALS IN BOX PERMIT No. MD-99-0088
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

C1 **5198** SEQUENCE NO. (DENV-USE ONLY)
 1 2 3 4 5 6
 (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 **A43984**
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
H0-94-0088

ST/CO USE ONLY
 DATE RECEIVED

DATE WELL COMPLETED
052794

Depth of Well
400
 (TO NEAREST FOOT)

OWNER **Demmitt** last name **Richard** first name
 STREET OR RFD **Woodsford Dr** TOWN **West Friendship**
 SUBDIVISION **Spring Valley Chase** SECTION **47** LOT **47**

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	
SAND	0	38	
GRAY MICR. ROCK	38	400	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle appropriate box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **11** NO. OF POUNDS **1034**
 GALLONS OF WATER **44**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **38** ft.

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

MAIN CASING Nominal diameter of main casing (nearest inch) **6** Total depth of main casing (nearest foot) **400**
ST **6** **400**

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

C2
 DEPTH (nearest ft.)
 EACH SCREEN
1 **H0** **40** **400**
2
3

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. **34**

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 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

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **2**
 PUMPING RATE (gal. per min. to nearest gal.) **6**
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **60** WHEN PUMPING **281**
 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 (CIRCLE) (YES OR NO) 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: **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 **(-)** below
 LAND SURFACE **2** (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 location