

C1 0210

SEQUENCE NO. (MDE 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 A35920

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, STREET OR RFD, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries like 'Top Soil', 'Sandy', 'Sand Stone', 'MICKA'.

GROUTING RECORD form with fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (ST, CO, PL, OT), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD form with fields for screen type or open hole, insert appropriate code below.

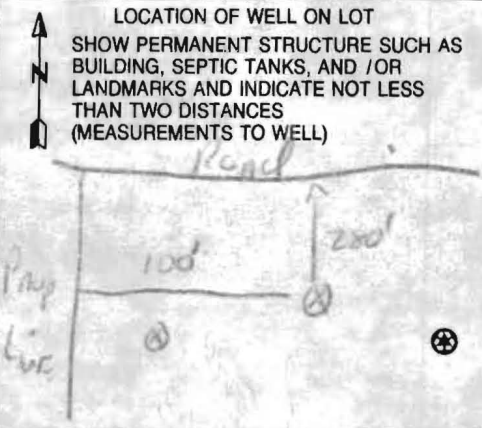
DEPTH (nearest ft.) table with columns for casing height and slot size.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) with fields for T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A, E, P

DRILLERS LIC. NO. M D 112, DRILLERS SIGNATURE, LIC. NO. M D

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

OWNER HOWARD CO.

B 1 19665

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2902

W514725 please print or type

fill in this form completely

Date Received (APA) 01 02 01

OWNER INFORMATION

DELL Dwayne 1408 WOOD CLIFF AVE Baltimore MD 21228-1054

B 3

LOCATION OF WELL

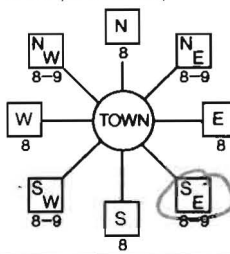
Howard DALL Sub West Friendship

DRILLER INFORMATION

Ralph MAYNE MS D 117 Ralph MAYNE Well Drilling 17024 Handy Rd. Mt Airy Md, 20771

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MD Rt. 144



260 DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 16 BLK: 13 PARCEL 115

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A35920 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 10201 Steven R. King 10202 CO SIGNATURE EXP. DATE NORTH GRID 534 000 EAST GRID 819 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 16 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary JETTED Jetted & DRIVEN ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) HO-94-2881

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

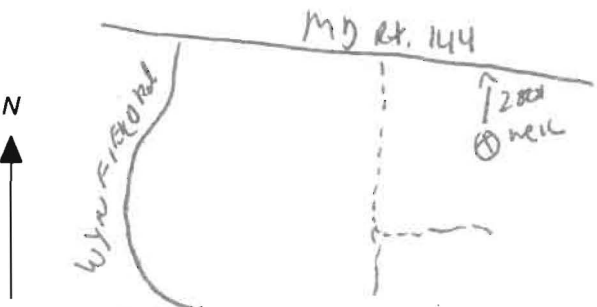
SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 819 N 5834

1/31/01 9:00 AM No insp. other insp demands do not allow SRK

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

APPROX. PERMIT NUMBER 54 G A P 63 PERMIT No. HO-94-2902

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. 110 - 94-2902
 Location of property (road) OFF RT. 144
 Subdivision DELL Sub Lot 3 Block Plat Sec.
 Well Driller Ralph MAYNE Owner DWAYNE DELL

Depth of well 385
 Distance of measuring point (M.P.) above ground 2^{ft}
 Static water level (S.W.L.) below M.P. 50

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 10 GPM
 Total time 30 min to reach pumping water level 130 ft. below M.P.

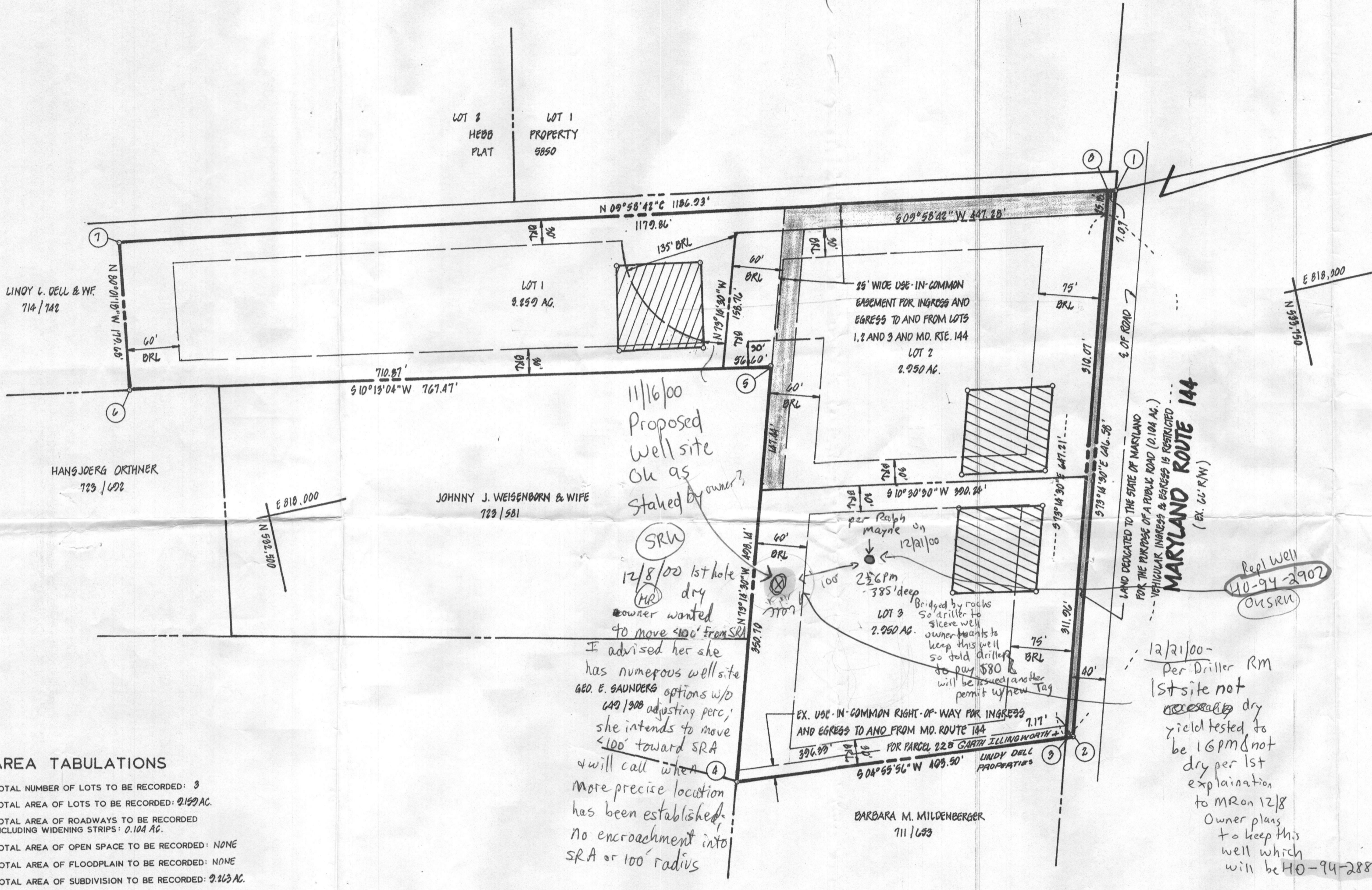
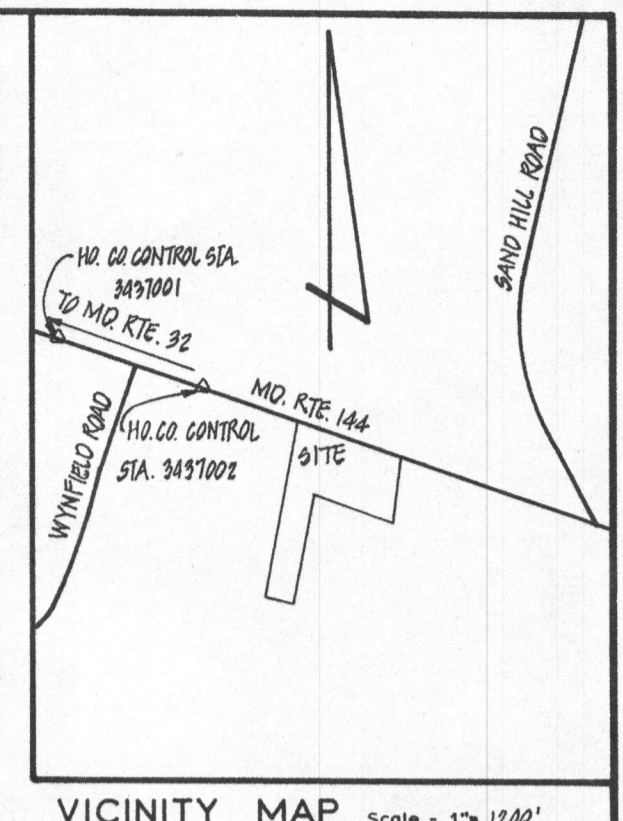
II. Recovery pump test data - observations to be recorded every 15 minutes

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)
8:00	50 ft.	6 Sec		10 GPM
8:15	130 ft	24 Sec	 	2.5 GPM
8:30	130 ft	24 Sec	TEST STARTED	2.5 GPM
8:45	130 ft	24 Sec		2.5 GPM
9:00	130 "	24 "		2.5 "
9:15	130 "	24 "		2.5 "
9:30	130 "	24 "		2.5 "
9:45	130 ft	24 Sec		2.5 GPM
10:00	130 ft	24 Sec		2.5 GPM
10:15	130 ft	24 Sec		2.5 GPM
10:30	130 "	24 "		2.5 "
10:45	130 "	24 "		2.5 "
11:00	130 "	24 "		2.5 "
11:15	130 ft	24 Sec		2.5 GPM
11:30	130 ft	24 Sec		2.5 GPM
11:45	130 ft	24 Sec		2.5 GPM
12:00	130 "	24 "		2.5 "
12:15	130 "	24 "		2.5 "
12:30	130 "	24 "		2.5 "
12:45	130 ft	24 Sec		2.5 GPM
1:00	130 ft	24 Sec		2.5 GPM
1:15	130 ft	24 Sec		2.5 GPM
1:30	130 "	24 "		2.5 "
1:45	130 ft	24 Sec		2.5 GPM
2:00	130 ft	24 Sec	2:30 / 130' / 24 / 2.5	2.5 GPM
2:15	130 ft	24 Sec		2.5 GPM

HD-224
 200
 215

COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	533,566.942	817,844.687
2	533,580.512	818,463.768
3	533,978.966	818,469.192
4	532,978.500	818,829.076
5	533,122.192	817,959.092
6	532,966.891	817,815.251
7	532,907.965	817,638.989
8	533,500.979	817,849.491

Well Site Plan
 MD Copy



- GENERAL NOTES**
- 1) Tax Map - 16, Parcel - 115
 - 2) Deed Reference - 468/0 AND 1471/740
 - 3) Coordinates shown hereon are based on Maryland State Plane coordinate system, Howard County control stations 3497001 AND 3497002
 - 4) Subject property zoned - R, per 8-02-85 Comprehensive Zoning Plan.
 - 5) ● - DENOTES IRON BARS OR IRON PIPES TO BE SET.
 - 6) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of Health and Mental Hygiene.
 - 7) This area designated a private sewage easement of approximately 10,000 sq. ft. as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewer easement. Recordation of a modified sewage easement shall not be necessary.
 - 8) All percolation test holes shown hereon have been field located and shown thus (o).
 - 9) For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line, and not onto the flag or pipestem lot driveway.
 - 10) Flag or pipestem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be deeded to the County.
 - 11) SUBJECT TO VP-86-07.
 - 12) EXISTING STRUCTURE ON LOT 1.
 - 13) FURTHER SUBDIVISION OR RESUBDIVISION OF THE PROPERTY WILL REQUIRE FULL COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
 - 14) THE AREA OF LOTS 2 AND 3 ARE PERMITTED TO BE LESS THAN 9 ACRES IN ACCORDANCE WITH SECTION 11.113.6.9. OF THE 1980 HOWARD COUNTY CODE

AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED: 3
 TOTAL AREA OF LOTS TO BE RECORDED: 2.192 AC.
 TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.104 AC.
 TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE
 TOTAL AREA OF FLOODPLAIN TO BE RECORDED: NONE
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 2.192 AC.

11/16/00 Proposed Well site Ok as Staked by owner?
 SRW
 12/8/00 1st hole dry
 owner wanted to move 400' from SRW
 I advised her she has numerous well site GEO. E. SAUNDERS options w/ 649/900 adjusting perc. she intends to move <100' toward SRA
 I will call when more precise location has been established. No encroachment into SRA or 100' radius

Reel Well 40-94-2902
 ONSRW
 12/21/00 - Per Driller Rm 1st site not dry yield tested to be 1 GPM & not dry per 1st explanation to MR on 12/8
 Owner plans to keep this well which will be HO-94-2881

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
Joyce Boyles 10-29-86
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas L. Harty 11-5-86
 PLANNING DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nemes 11-4-86
 DIRECTOR DATE

OWNER'S STATEMENT

We, LINDY L. DELL and CARRIE L. DELL, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, 1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights-of-way and the specific easement areas shown hereon, 2) the right to require dedication for public use, the beds of the streets, and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway and drainage easements for the specific purpose of their construction, repair and maintenance, and 4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 10 day of June
Lindy L. Dell Sr.
Sylvia Bond
 WITNESS

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a SUBDIVISION (1) OF PART of the lands conveyed by JAMES H. TANGIRES, ET UX, TO LINDY L. DELL AND CARRIE L. DELL, HIS WIFE, by deed dated APRIL 29, 1967 and recorded in the Land Records of Howard County, Maryland in Liber 468 at Folio 9 AND (2) ALL OF THE LAND CONVEYED BY LINDY L. DELL AND CARRIE LEE DELL, HIS WIFE, TO LINDY L. DELL AND CARRIE LEE DELL, HIS WIFE, BY DEED DATED MAY 18, 1986 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 1471 AT FOLIO 740 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

William G. Hartzel 6-6-86
 WILLIAM G. HARTZEL, PROFESSIONAL LAND SURVEYOR, MD. NO. 9436 DATE

RECORDED AS PLAT 6986 ON 11/07/86 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

**LOTS 1 THRU 3
 DELL SUBDIVISION**

boender associates inc.
 consulting engineers
 land surveyors
 land planners

TAX MAP - 16
 TAX MAP PARCEL NO. - 115
 EX. ZONING - R
 ELECTION DISTRICT - 3 RD
 HOWARD COUNTY, MARYLAND
 SCALE - 1" = 100'
 DATE - MAY, 1986
 O. P. & Z. FILE NO. - VP-86-07

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 (301) 465-7777