



B 1 03174

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

10-94-2933

W514687 please print or type

fill in this form completely

Date Received (APA) 12/22/00

OWNER INFORMATION

DALE Thompson Builders
6300 Woodside Ct
Columbia Md 21045

LOCATION OF WELL

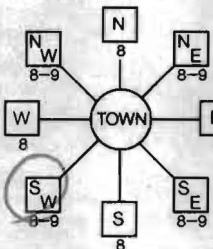
Howard
Pindell Woods
Simpsonville

MILES FROM TOWN (enter 0 if in town) 1 M

DRILLER INFORMATION

Michael Barlow MW D 355
Michael Barlow Well Drilling
532 Underwood Lane Bel Air MD

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Preservation
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 220

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
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 13
COUNTY NAME COUNTY NO.
DATE ISSUED 01/22/01
CO SIGNATURE
NORTH GRID 488 000 EAST GRID 0823 000

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion 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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER 10 000 G A P
PERMIT No. 10-94-2933

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

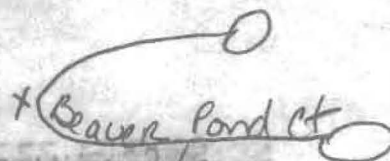
SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8203
4908

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

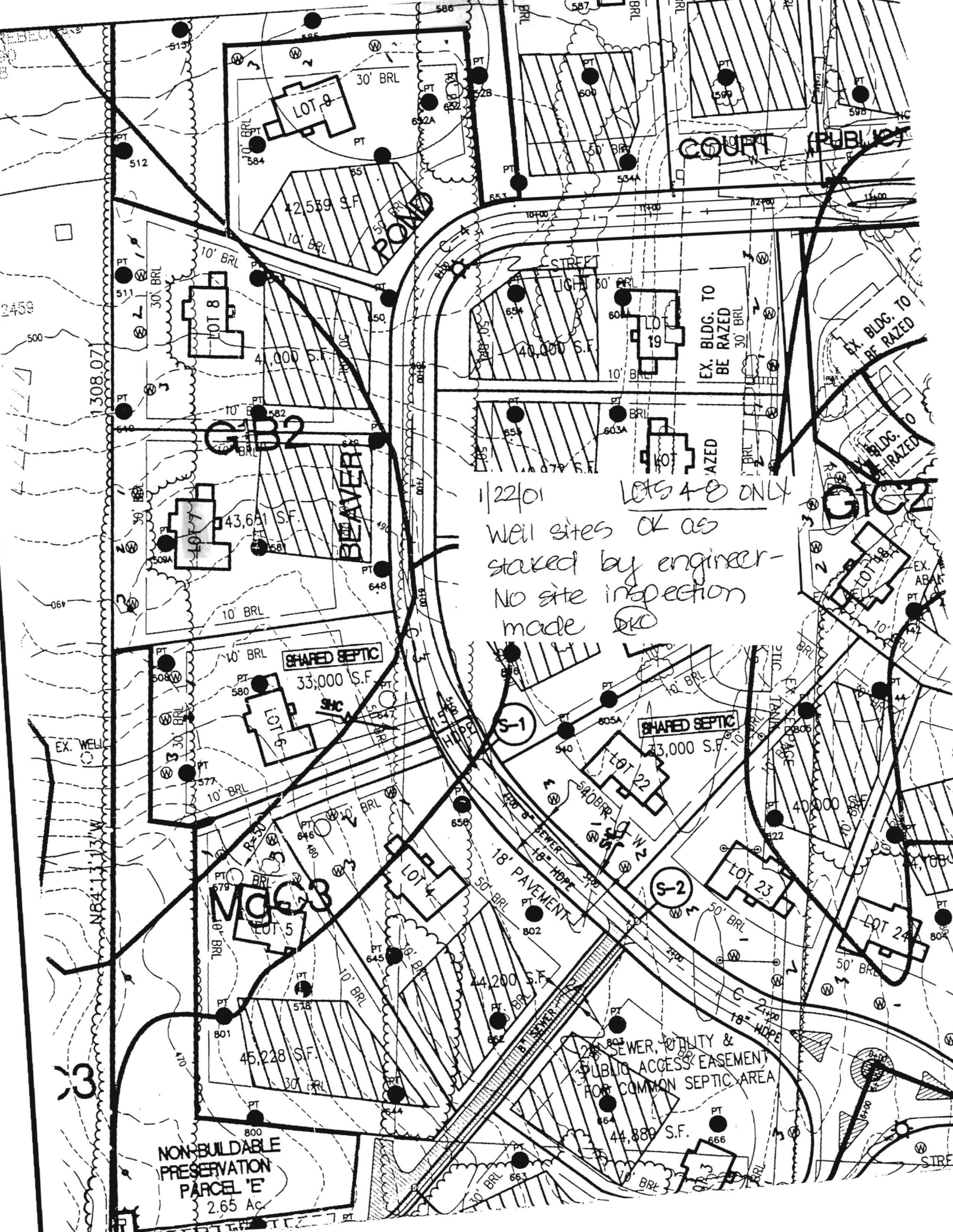
N



5/9/01 10:30
NO INSP
-STAFFING SHORTAGES
OTHER DEMANDS
INSP 7/25/01
NO INSP

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



1/22/01 Well sites OK as staked by engineer - No site inspection made OK

LOTS 4 & 8 ONLY

SHARED SEPTIC

SHARED SEPTIC

NON-BUILDABLE PRESERVATION PARCEL 'E' 2.65 Ac

SEWER, UTILITY & PUBLIC ACCESS EASEMENT FOR COMMON SEPTIC AREA

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2933  
 Location of property (road) Preservation Court  
 Subdivision Pindell Woods Lot 7 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Barlow Owner Dale Thompson Builders

Depth of well 300  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 27'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 1.2  
 Total time 30 min to reach pumping water level 210 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	27	45 sec		15
8:15	163'	55 sec		12
8:30	210'	52 sec		1.15
8:45	210'	50 sec		1.2
9:00	210'	50 sec		1.2
9:15	210'	50 sec		1.2
9:30	210'	50 sec		1.2
9:45	210'	50 sec		1.2
10:00	210'	50 sec		1.2
10:15	210'	50 sec		1.2
10:30	210'	50 sec		1.2
10:45	210'	50 sec		1.2
11:00	210'	50 sec		1.2
11:15	210'	50 sec		1.2
11:30	210'	50 sec		1.2
11:45	210'	50 sec		1.2
12:00	210'	50 sec		1.2
12:15	210'	50 sec		1.2
12:30	210'	50 sec		1.2
12:45	210'	50 sec		1.2
1:00	210'	50 sec		1.2
1:15	210'	50 sec		1.2
1:30	210'	50 sec		1.2
1:45	210'	50 sec		1.2





7/25/01

File:

HO-94-2933 Lot 7 Pindell Woods  
~~HO-94-2934 Lot 8 Pindell Woods~~

Wells were drilled in March or May and never grouted  
On July 25<sup>th</sup> 2001, Barlow called in a pump/grout for these wells.

Barlow reported that they "re-worked" the wells. ALM asked, does this mean the casing was pulled & hole cleaned, Cathy from Barlow said yes.

A McMill