

C1 0247

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 13

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 03 03 01

Depth of Well 22 380 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-29127

OWNER Dale Thompson Builders Pindell Woods Drive Emlenton TOWN Pindell Woods SECTION LOT

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, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sandstone, MICKA, and Sandstone MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N. TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC. NO. OF BAGS 22 NO. OF POUNDS 2200. GALLONS OF WATER 132. DEPTH OF GROUT SEAL (to nearest foot) from 0 to 30+ ft.

CASING RECORD

casings types insert appropriate code below. MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 80.

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below. STEEL ST BRASS BR BRONZE PL PLASTIC PL OPEN HOLE HO OTHER OT

DEPTH (nearest ft.) table with columns 1-26 and rows E, A, C, H, S, C, R, E, E, N. Includes slot size and diameter of screen information.

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

MDE 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

C 3

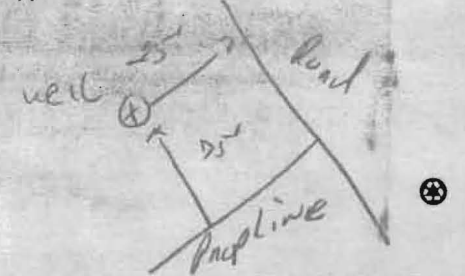
PUMPING TEST

HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min.) 1.3. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 45 ft. WHEN PUMPING 225 ft. TYPE OF PUMP USED (for test) C centrifugal, R rotary, O other (describe below).

PUMP INSTALLED

DRILLER INSTALLED PUMP 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. 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 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)



NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED YES Y NO N. CIRCLE APPROPRIATE LETTER 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 LIC. NO. 1 M SD 112. DRILLERS SIGNATURE. LIC. NO. 1 M D.

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

B.1 18677

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

10-94-2927 510 79 fill in this form completely

W51468 please print or type

Date Received (APA)

12/13/00

OWNER INFORMATION

THOMASON DALE Builders

Last Name Owner First Name

6300 WOODSIDE Court

Street or RFD

Columbia MD, 21045

Town State Zip

B 3

LOCATION OF WELL

Howard COUNTY

PINDLE WOODS SUBDIVISION

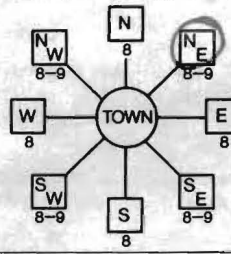
SECTION - LOT I

Fulton NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 3 M I

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



PINDLE WOODS DR. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 25 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: BLK: PARCEL

DRILLER INFORMATION

Ralph MAYNE M S D 117

Ralph MAYNE well DRILLING

17024 Handy Rd. Mt Airy MD

Address

Signature Date 12-8-00

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. 13

STATE SIGNATURE INSERT S

DATE ISSUED 01/22/01 TO SIGNATURE DATE 01/21/02

43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 488 000 EAST GRID 0823 000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" 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

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

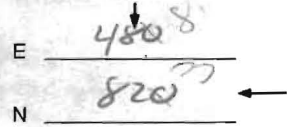
- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

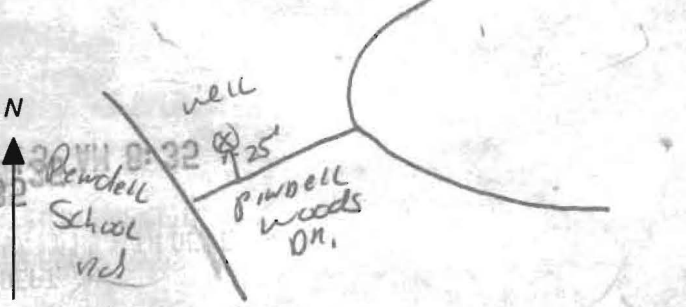
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE



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)

APPROP. PERMIT NUMBER 10 000 GAP 012 (01) 54 63

PERMIT No. 10-94-2927

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2027
 Location of property (road) Pindell Woods Drive
 Subdivision Pindell Woods Lot 1 Block _____ Plat _____ Sec. _____
 Well Driller R. Mayne Owner Dale Thompson Builders

Depth of well 380 #
 Distance of measuring point (M.P.) above ground 2 #
 Static water level (S.W.L.) below M.P. 45 #

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 10 GPM
 Total time 30 min to reach pumping water level 225 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 $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	225 #	45 Sec		1.3 GPM
7:45	225 #	45 Sec		1.3 GPM
8:00	225 #	45 Sec		1.3 GPM
8:15	225 "	45 "		1.3 "
8:30	225 "	45 "		1.3 "
8:45	225 "	45 "		1.3 "
9:00	225 #	45 Sec		1.3 GPM
9:15	225 #	45 Sec		1.3 GPM
9:30	225 #	45 Sec		1.3 GPM
9:45	225 "	45 "		1.3 "
10:00	225 "	45 "		1.3 "
10:15	225 "	45 "		1.3 "
10:30	225 #	45 Sec		1.3 GPM
10:45	225 #	45 Sec		1.3 GPM
11:00	225 #	45 Sec		1.3 GPM
11:15	225 "	45 "		1.3 "
11:30	225 "	45 "		1.3 "
11:45	225 "	45 "		1.3 "
12:00	225 #	45 Sec		1.3 GPM
12:15	225 #	45 Sec		1.3 GPM
12:30	225 #	45 Sec		1.3 GPM
12:45	225 "	45 "		1.3 "
1:00	225 "	45 "	80 # casing 30' open	1.3 "
1:15	225 #	45 Sec	22 BAYS	1.3 GPM
1:30	225 #	45 Sec		1.3 GPM

HD-224
1:30

