

C 1 07588

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER 59276 G

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 405

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-25401

OWNER 7131 Homes last name first name TOWN Glenwood

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

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter top (main) casing (6), Total depth of main casing (85).

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

SCREEN RECORD: screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT).

DEPTH (nearest ft.) 83, 405. SLOTTED SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) 56, 60.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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...

DRILLERS LIC. NO. 1 M S D 117. DRILLERS SIGNATURE. LIC. NO. 1 D.

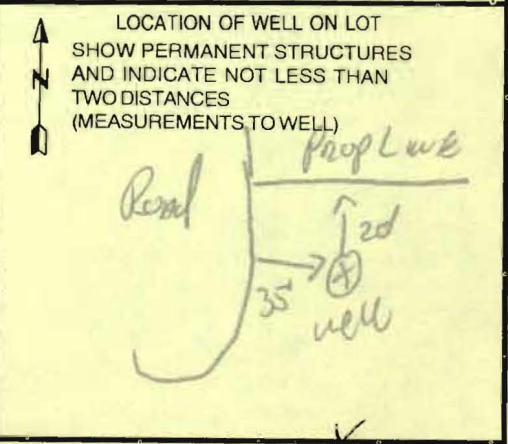
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

MDE 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) 6, PUMPING RATE (gal. per min.) 2, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 38 ft, WHEN PUMPING 275 ft.

PUMP INSTALLED: DRILLER INSTALLED PUMP YES NO, 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 below 2 (nearest foot).



B 1 1965 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
HO-94-25401
fill in this form completely

Date Received (APA) 01 23 00

OWNER INFORMATION

8 MM DD YY 13

15 Last Name TBI HOMES INC Owner First Name 34

36 Street or RFD 3320 GRACE DR. 55

57 Town Columbia MD. 70 State MD. 72 Zip 21044 76

B 3 LOCATION OF WELL

8 COUNTY Howard 21

23 SUBDIVISION PEACE FIELDS CATTAIL CREEK 42

SECTION - 44 46 LOT 6 48 50

52 NEAREST TOWN Glenwood 71

MILES FROM TOWN (enter 0 if in town) I 73 M I I 76 77 78

DRILLER INFORMATION

Driller's Name PAUL MAYNE 76 License No. M S D 112 81

Firm Name PAUL MAYNE WELL DRILLING

Address 9120 Brown Church Rd Mt Airy

Signature Paul Mayne 12-22-99 Date

B 4

1 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

2 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

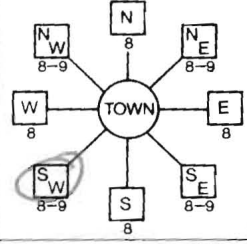
11 NEAR WHAT ROAD Peace CATTAIL Oaks 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 35 37 DISTANCE FROM ROAD ft

ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____



B 2 WELL INFORMATION

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

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard Co COUNTY NO. A59276G

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 011100 43 MM DD YY 48

CO SIGNATURE _____ EXP. DATE 011101

NORTH GRID 522 50 000 55 EAST GRID 790 57 000 63

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

APPROXIMATE DEPTH OF WELL 150 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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

E 790

N 522

000
000

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

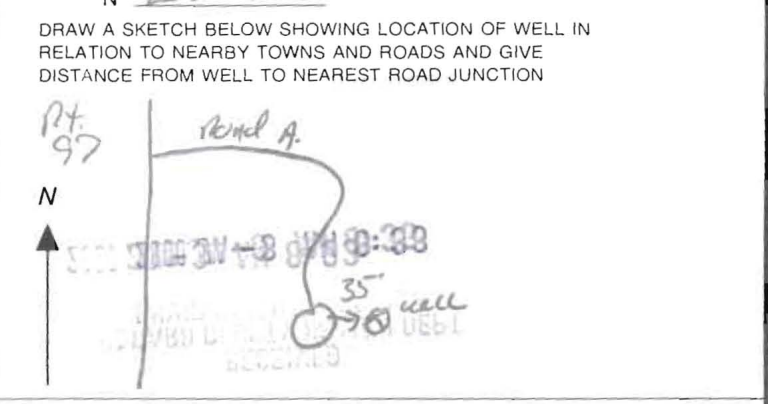
D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

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

APPROP PERMIT NUMBER HO 99 GAP 6015 54 63

PERMIT No. HO-94-25401 70 71 72 73 74 75 76 77 78 79



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-25401
 Location of property (road) Cattail Oaks
 Subdivision Peacefields @ Cattail Lot 10 Block _____ Plat _____ Sec. _____
 Well Driller Ralph Mayne Owner TBI Homes

Depth of well 405'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 38'

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 1.2 GPM
 Total time 30 min to reach pumping water level 275' 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 <u>1</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	275'	30 Sec		2 GPM
7:45	275'	30 Sec		2 GPM
8:00	275'	30 Sec		2 GPM
8:15	275'	30 "		2 "
8:30	275'	30 "		2 "
8:45	275'	30 "		2 "
9:00	275'	30 Sec		2 GPM
9:15	275'	30 Sec		2 GPM
9:30	275'	30 Sec		2 GPM
9:45	275'	30 "		2 "
10:00	275'	30 "		2 "
10:15	275'	30 "		2 "
10:30	275'	30 Sec		2 GPM
10:45	275'	30 Sec		2 GPM
11:00	275'	30 Sec		2 GPM
11:15	275'	30 "		2 "
11:30	275'	30 "		2 "
11:45	275'	30 "		2 "
12:00	275'	30 Sec		2 GPM
12:15	275'	30 Sec		2 GPM
12:30	275'	30 Sec		2 GPM
12:45	275'	30 "		2 "
1:00	275'	30 "		2 "
1:15	275'	30 Sec		2 GPM
1:30	275'	30 Sec		2 GPM

5 NEW field work sheet

LOT 8
40,534 Sq.Ft.*
(SET *108)

LOT 7
41,253 Sq.Ft.*
(SET *107)

LOT 6
45,701 Sq.Ft.*
(SET *106)

1/11/99
well sites
staked by surveyor
this sheet is a
field work sheet

PUBLIC STORM WATER ACCESS,
DRAINAGE & UTILITY EASEMENT

