

07594

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED 8/13/00 OUSRM COUNTY NUMBER A59276P

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 155 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2547

OWNER TBI Homes last name first name Cattanil Oaks first name TOWN Elenwood SUBDIVISION Peacefields @ Cattanil SECTION LOT 12

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sand, Sandstone, MICA, Sandstone, MICA.

GROUTING RECORD yes no WELLS HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 12 NO. OF POUNDS 1200 GALLONS OF WATER 72 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

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

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 45

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes no Y N

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 LIC. NO. 1 MSD116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MSD117 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) HO 43 155

Table with columns: E A C H S C R E E N, rows 1-5, values 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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 C 3 1 2

HOURS PUMPED (nearest hour) 3 8 9

PUMPING RATE (gal. per min.) 15 11 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 37 17 20 ft.

WHEN PUMPING 46 22 25 ft.

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 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

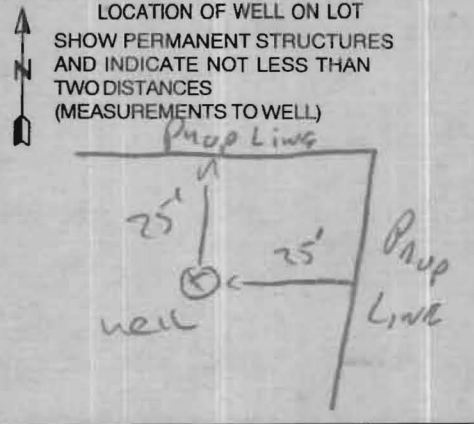
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 1956
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER

HO-94-2547
fill in this form completely

Date Received (APA)
010200
8 MM DD YY 13

OWNER INFORMATION

TBI Homes Inc
36 15 Last Name Owner First Name 34
D320 Grace Dr.
55 36 Street or RFD
Columbia MD 21044
57 70 Town State 72 Zip 76

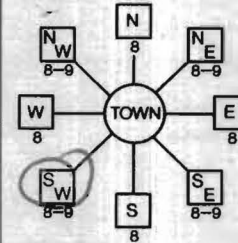
DRILLER INFORMATION

Ralph Mayne M S D 112
81 76 Driller's Name License No. 81
Ralph Mayne well drilling
9120 Brown Church rd Mt Airy
Address
Ralph Mayne 12-22-99
Signature Date

B 3 LOCATION OF WELL

Howard
8 COUNTY 21
Pencefields CATTAL Creek
23 SUBDIVISION 42
SECTION 44 46 LOT 12 48 50
Blennwood
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) F M I
73 76 77 78

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Ronda Hill Cottal/Cattal
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
34 1150 37 SOUTH
DISTANCE FROM ROAD ENTER FT OR MI 38 39
TAX MAP: BLK: PARCEL

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

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 County A59276P
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 011100 EXP. DATE 011101
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 50 522 000 EAST GRID 57 790 000
55 63

APPROXIMATE DEPTH OF WELL 150 FEET
24 28
APPROXIMATE DIAMETER OF WELL 67 INCH
NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTary DRive-POINT
other

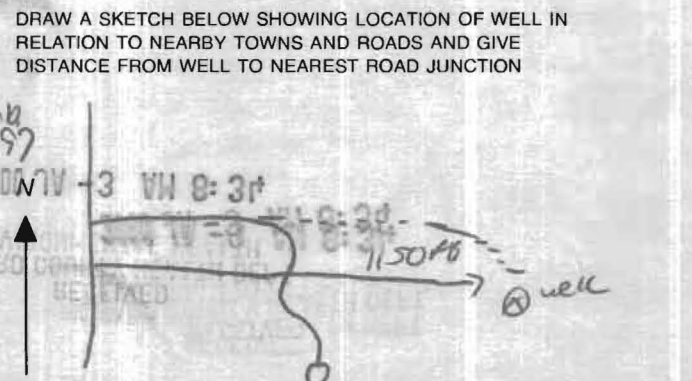
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- 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 DEEPEIN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER 54 HO 99 GAP 63
PERMIT No. HO-94-2547
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
7/11/00
Grout 11:30am
SOURCES OF DRILLING WATER
1. well
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E D30
N 522 522
000 000



SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FORM (TRANS) 1-1-99 REV. (9/10/01) 2-2000

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to the final occupancy approval.

Company Name: SK Plumbing & Heating Inc. Telephone #: 410-715-0322
 Address: 1220 E.S. Kellum
Worner MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
 License # and name of individual responsible for the field installation:
 Name (Print): Vinyl Kelly License# 12285

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Trinity Homes Telephone #: 410-313-8722
 Subdivision: Place 42/55 Lot #: 12 Well Tag #: BO-94-2547
 Site Address: 15517 Cottail Oaks

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>JACOZZI</u>	Make: <u>General</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>374</u>	Model#: _____	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>374</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>15</u> GPM	NSF approved: <u>yes</u>	Conduit min 1 1/2" R.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>255</u> (feet)		Conduit secured to well cap: <u>yes</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque wrenches or Cable guards are required - Must circle one <u>Sleeve</u>		
Safety rope, if used, attached to inside of well casing with eye bolt <u>yes</u>		

Piping to house	House Connection
Type: <u>PE</u>	PVC sleeved to undisturbed soil at well penetration: <u>yes</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5' to 7'</u>
Depth of supply line: <u>42"</u> (36" min)	Sleeve cracked and sealed properly: <u>yes</u>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 10-15-01

For Health Department Use Only - Not to be completed by Installer

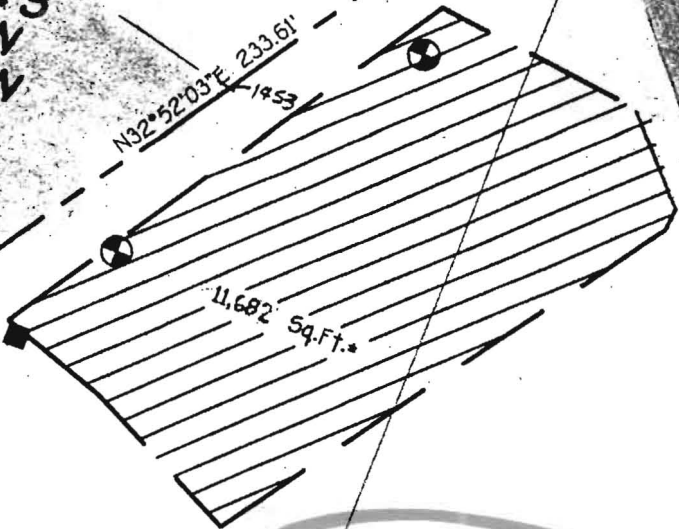
Date Insp. Requested: 8/6/01 Date Insp. Approved: 8/6/01 **(BB) SKH**

Inspection Data:

Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate ground observed below pitless adapter	<input checked="" type="checkbox"/>

HOMEOWNER'S ASSOCIATION PRESERVATION PARCEL A

130,971 Sq.Ft. TOTAL (SET #115)
 STORM WATER DRAINAGE EASEMENT

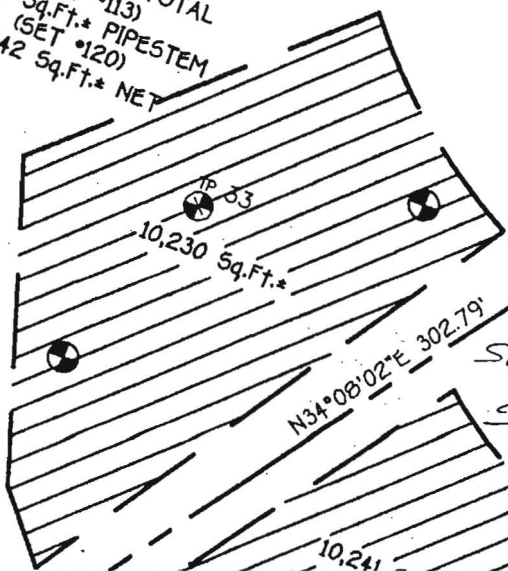


LOT 12
 53,751 Sq.Ft. TOTAL (SET #112)
 4,351 Sq.Ft. PIPESTEM (SET #119)
 49,399 Sq.Ft. NET

1/11/99 Well sites stated by surveyor sheet 15 surveyors field work sheet A

field work sheet A

LOT 13
 47,264 Sq.Ft. TOTAL (SET #113)
 5,922 Sq.Ft. PIPESTEM (SET #120)
 41,342 Sq.Ft. NET



1/11/99 Well site stated by surveyor sheet 15 surveyors field work

24' WIDE USE-IN-COMMON ACCESS EASEMENT (SET #124)

24' PRIVATE USE-IN-COMMON ACCESS EASEMENT F LOTS 12-14 AND PARCEL A

1" ϕ Iron Pipe Found

Power Pole

TP 51

TP 49

492

168

N45°12'07"

466

479

444

449

TP 31

WELL

WELL

TP 34

TP 35

WELL

WELL

TP 36

WELL

WELL

TP 37

WELL

TP 38

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

WELL

TP 34

WELL

TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

WELL

TP 34

WELL

TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

WELL

TP 34

WELL

TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

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TP 34

WELL

TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

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TP 34

WELL

TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

WELL

TP 33

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TP 34

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TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

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ACCESS EASEMENT

(SET #124)

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LOTS 12-14 AND PARCEL A

WELL

TP 32

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TP 33

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TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

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ACCESS EASEMENT

(SET #124)

24'

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USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

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TP 34

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TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

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TP 34

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TP 35

WELL

TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

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TP 34

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TP 35

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TP 36

WELL

TP 37

WELL

492

24'

WIDE

USE-IN-COMMON

ACCESS EASEMENT

(SET #124)

24'

PRIVATE

USE-IN-COMMON

ACCESS EASEMENT F

LOTS 12-14 AND PARCEL A

WELL

TP 32

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