

C 1		6000		SEQUENCE NO. (OEP USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)						FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		COUNTY NUMBER	
DATE Received		DATE WELL COMPLETED		Depth of Well		PERMIT NO.		FROM "PERMIT TO DRILL WELL"	
8 13		15 20		22 26 (TO NEAREST FOOT)		28 29 30 31 32 33 34 35 36 37		A-37254	
OWNER		last name		first name		TOWN		SECTION	
STREET OR RFD		SUBDIVISION		LOT		CLARKSVILLE		1 13	
WELL LOG		GROUTING RECORD		PUMPING TEST		C 3			
Not required for driven wells		WELL HAS BEEN GROUTED (Circle Appropriate Box)		HOURS PUMPED (nearest hour)		1 2			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		TYPE OF GROUTING MATERIAL		PUMPING RATE (gal. per min. to nearest gal.)		3 4			
DESCRIPTION (Use additional sheets if needed)		CEMENT <input checked="" type="checkbox"/> BENTONITE CLAY <input checked="" type="checkbox"/>		METHOD USED TO MEASURE PUMPING RATE		5 6			
FEET		NO. OF BAGS NO. OF POUNDS		WATER LEVEL (distance from land surface)		7 8			
FROM TO		GALLONS OF WATER		BEFORE PUMPING		9 10			
Check if water bearing		DEPTH OF GROUT SEAL (to nearest foot)		WHEN PUMPING		11 12			
		from ft. to ft.		TYPE OF PUMP USED (for test)		13 14			
Top Soil 0 2		from TOP ft. to BOTTOM ft.		A air P piston T turbine		15 16			
Sandy 2 30		(enter 0 if from surface)		C centrifugal R rotary O other (describe below)		17 18			
Sand Stone 30 40		Casing types insert appropriate code below		J jet S submersible		19 20			
Micka 40 60		STEEL CONCRETE PLASTIC OTHER				21 22			
Sand Stone 60 65		MAIN CASING TYPE				23 24			
Micka 65 305		Nominal diameter top (main) casing (nearest inch)				25 26			
		Total depth of main casing (nearest foot)				27 28			
		OTHER CASING (if used)				29 30			
		diameter inch depth (feet) from to				31 32			
		EACH CASING				33 34			
		screen type or open hole insert appropriate code below				35 36			
		STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER				37 38			
		C 2				39 40			
		DEPTH (nearest ft.)				41 42			
		EACH SCREEN				43 44			
		CIRCLE APPROPRIATE LETTER				45 46			
		A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED				47 48			
		E ELECTRIC LOG OBTAINED				49 50			
		P TEST WELL CONVERTED TO PRODUCTION WELL				51 52			
		I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.				53 54			
		DRILLERS IDENT. NO.				55 56			
		DRILLERS SIGNATURE				57 58			
		(MUST MATCH SIGNATURE ON APPLICATION)				59 60			
		SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				61 62			
		GRAVEL PACK				63 64			
		IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68				65 66			
		OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)				67 68			
		T (E.R.O.S.) WQ				69 70			
		TELESCOPE CASING LOG INDICATOR OTHER DATA				71 72			
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						481 482			

B 1 7383 SEQUENCE NO.  
(OEP USE ONLY)STATE OF MARYLAND  
PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

H0-81-2197

fill in this form completely

Date Received

8	9	10	11	12	13
---	---	----	----	----	----

## OWNER INFORMATION

8 COMPANY															21														
15 Last Name															34 First Name														
5500 CEDAR LA															36														
COLUMBIA															57														
Town															70 State 72														
Zip															76														

## DRILLER INFORMATION

Driller's Name															77 License No. 80														
Ralph Mayne															223														
Firm Name															78														
9170 Brown Church Rd. Mt Airy															79														
Address															81														
Ralph Mayne															82														
Signature															Date														

## WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)															8														
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)															12														
500															14														
															20														

## USE FOR WATER (CIRCLE APPROPRIATE BOX)

- ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

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)

- ☒ 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
- ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT NO. H0-81-2197

SPECIAL CONDITIONS 995-0133

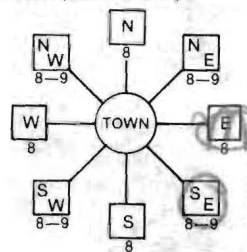
B 3

## LOCATION OF WELL

8 COUNTY															21														
23 SUBDIVISION															42														
SECTION															LOT														
CLARKVILLE															52 NEAREST TOWN														
MILES FROM TOWN (enter 0 if in town)															73														
															76														
															77														
															78														

B 4

## DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TALL PINE WAY

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

COUNTY NAME

COUNTY NO.

OEP SIGNATURE

STATE HEALTH INSERT S

DATE ISSUED

CO SIGNATURE

NORTH GRID

EAST GRID

SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

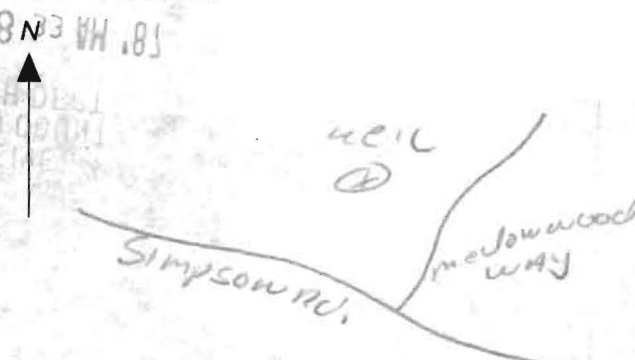
- well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E	8263
N	9901

000  
000

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



Page \_\_\_\_\_ of \_\_\_\_\_  
Date Aug 1, 87

Review dl/sm

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2197  
Location of property (road) TALL PINE WAY  
Subdivision THISTLEDOWN Lot 13 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 1  
Well Driller RALPH MAYNE Owner CORPORATION, RCM

Depth of well 305'  
Distance of measuring point (M.P.) above ground 3 ft  
Static water level (S.W.L.) below M.P. 40 ft

I. High rate pumping -- reservoir drawdown

Time pump started 5:10 Pumping rate 10 G.P.M.  
Total time 20 min to reach pumping water level 145' 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)
5:30	145 ft	25 sec		2 $\frac{1}{2}$
5:45	145'	25 "		2 $\frac{1}{2}$
6:00	145'	25 "		2 $\frac{1}{2}$
6:15	145'	25 "		2 $\frac{1}{2}$
6:30	145 ft	25 sec		2 $\frac{1}{2}$
6:45	145'	25 "		2 $\frac{1}{2}$
7:00	145'	25 "		2 $\frac{1}{2}$
7:15	145'	25 "		2 $\frac{1}{2}$
7:30	145 ft	25 sec		2 $\frac{1}{2}$
7:45	145'	25 "		2 $\frac{1}{2}$
8:00	145'	25 "		2 $\frac{1}{2}$
8:15	145'	25 "		2 $\frac{1}{2}$
8:30	145 ft	25 sec		2 $\frac{1}{2}$
8:45	145'	25 "		2 $\frac{1}{2}$
9:00	145'	25 "		2 $\frac{1}{2}$
9:15	145'	25 "		2 $\frac{1}{2}$
9:30	145 ft	25 sec		2 $\frac{1}{2}$
9:45	145'	25 "		2 $\frac{1}{2}$
10:00	145'	25 "		2 $\frac{1}{2}$
10:15	145'	25 "		2 $\frac{1}{2}$
10:30	145 ft	25 sec		2 $\frac{1}{2}$
10:45	145 ft	25 sec		2 $\frac{1}{2}$
11:00	145 "	25 "		2 $\frac{1}{2}$
11:15	145 "	25 "		2 $\frac{1}{2}$
11:30	145 ft	25 sec		2 $\frac{1}{2}$ G.P.M.

20.44



Well Permit No. HO - 81-2197  
Location of property (road) TALL PINE WAY  
Subdivision THISTLE DOWN Lot 13 Block Plat Sec. 1  
Well Driller RALPH MAYNE Owner CORPORATION, RCM

8/3/87 P.T. done on 8/1/87  
2 gm per strutter

8/3/87 picked up H<sub>2</sub>O sample  
from 8/1/87

11138

5/4/88.  
HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

5/4/88  
WP3 OK'd  
(R)

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt # 44658  
Date 5/4/88 (cash)

Name of Installer E. Jonell Jernst P & H

Telephone 389-6493

License Number #276

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Kerri Fastie

Telephone 40-81-2197

Subdivision Thurston Lot # 13

Site Address 7221 Tall Pine Way

Pump

- Type
  - Deep well jet ☐
  - Shallow well jet ☐
  - Submersible ☒
- Make Grundfos
- Model # SE505422
- Capacity 4 GPM
- Pump exceeds well capacity Yes ☐ No ☒
- If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

- Horsepower 1/2
- RPM ☐
- Voltage
  - 110 ☐
  - 220 ☒

Pitless Adapter

- Make Grundfos BP10
- Model # ☐
- Depth 48" - 49" below  
5/4/88 witnessed  
drilling / installation  
pitless

Tank

- Capacity 140 (220 pressure)
- Pressure relief valve? yes

Piping

- Type Poly
- Size 1" black
- NSF and/or BOCA Code approved ☐
- Depth of supply line 4' 3" below

Well data

- Depth 305 ft.
- Yield 2 GPM
- Static water level ☐ ft.
- Will water supply be disinfected by installer? ☐

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: E. Jonell Jernst

Date: 5-4-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



FOR CENTIN

