

C1 6708 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A# 39918

DATE Received DATE WELL COMPLETED 082189

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-80-0571

OWNER ALTOGETHER LTD PART last name first name TOWN DAYTON STREET OR RFD TWELVE HILL SECTION 3 LOT # 30 SUBDIVISION TWELVE HILLS

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Topsoil, Shale, M.ka, Sandstone, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 12, NO. OF POUNDS 1200, GALLONS OF WATER 72, DEPTH OF GROUT SEAL 45 ft.

CASING RECORD: MAIN CASING TYPE (PL), Nominal diameter (6), Total depth of main casing (50), OTHER CASING (if used) diameter ( ), depth ( ).

SCREEN RECORD: screen type (HO), DEPTH (nearest ft.) 135, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN ( ), GRAVEL PACK ( ).

PUMPING TEST: PUMPING TEST (C3), HOURS PUMPED (3), PUMPING RATE (9), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (distance from land surface) BEFORE PUMPING (40), WHEN PUMPING (95), TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED ( ), CAPACITY: GALLONS PER MINUTE ( ), PUMP HORSE POWER ( ), PUMP COLUMN LENGTH ( ), CASING HEIGHT ( ), LAND SURFACE ( ).

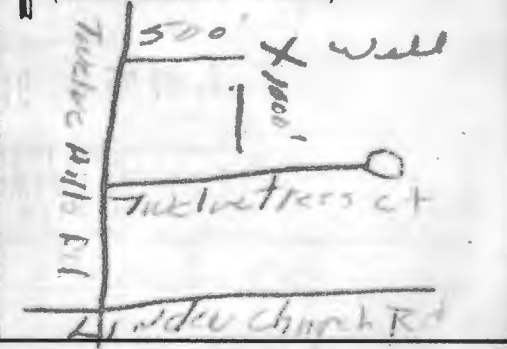
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

SCREEN RECORD table with columns: EACH CASING, DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN.

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)

DRILLERS IDENT. NO. 453, DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA



6831

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

H0-88-0571

fill in this form completely

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

please print or type

Date Received (APA)

12/16/88

OWNER INFORMATION

ALTOGETHER LTD PART

10176 BALI NAT PIKE

ELLICOTT CITY MD 21043

B 3

LOCATION OF WELL

HOWARD

TWELVE HILLS

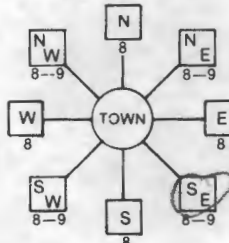
SECTION 3 LOT 30

DAYTON

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

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Twelve Hills Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 500 FT

DRILLER INFORMATION

Frank Delph 453

Frank Delph Well Drillers Inc.

18234 Penn Shop Rd. Mt Airy Md.

Signature: Frank Delph Date: 12/14/88

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only) - circled
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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A# 3991A COUNTY NO.

STATE SIGNATURE DATE ISSUED 042589x Srdy cbr 10/24/89

NORTH GRID 810000 EAST GRID 0810000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) Jetted Jetted & Driven
Air-Rotary Air-PerCussion ROTARY (Hydraulic Rotary) - circled
Cable Reverse-Rotary Drive-Point

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N This well will not replace an existing well - circled
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
D This well will deepen an existing well

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

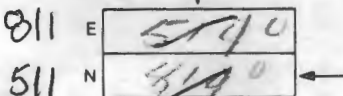
APPROP. PERMIT NUMBER GAP

FORCE SA INITIALS PERMIT NO. H0-88-0571

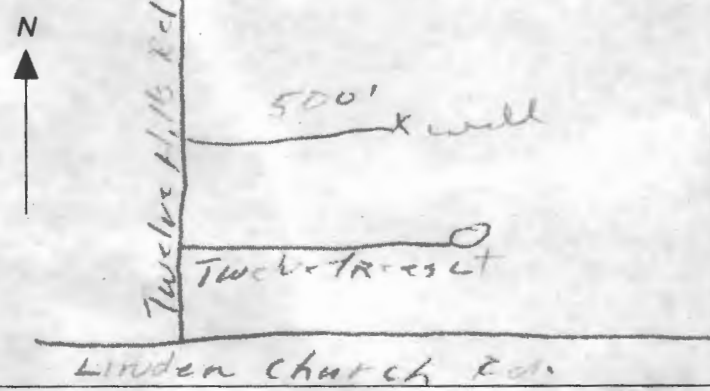
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

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



ATTENTION: MARY LOU

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**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 Use and Occupancy approval.

Company Name: Wm. H. Smith, Jr. Telephone #: 410-879-7641  
Address: P.O. Box 330  
FOREST HILL, MD. 21050

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:  
Name (Print): Wm. H. Smith, Jr. Licensed PE0058

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: D. CHIEN Telephone #: 410-561-1004  
Subdivision: TWELVE HILLS Lot #: 30 Well Tag #: HO-88-0571  
Site Address: 13070 TWELVE HILLS RD.  
CLARKSVILLE

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>STA-RITE</u>	Make: <u>GRABBY</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>7P4C02TL-03</u>	Model #: <u>PT300</u>	Screened, vented well cap: <input type="checkbox"/>
Pump Capacity: <u>7</u> GPM	Depth: <u>48"</u> (36" min)	Cap secured to casing: <input type="checkbox"/>
Well Yield: <u>9</u> GPM	NSP/WSC app.oved. <input checked="" type="checkbox"/>	Conduit min 1 1/2" B.C.:
Depth of well encountered at time of pump installation: <u>185</u> (feet)		Conduit secured to well cap: <input type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Corrugate arrestors Cable guards, or other acceptable method used- Must circle one  
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

<b>Piping to house</b>	<b>House Connection</b>
Type: <u>PLASTIC</u>	PVC sleeve to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>6'</u>
Depth of supply line: <u>48"</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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.

William H. Smith, Jr. 04-10-2001  
Signature of company representative responsible for installation date

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

Date Insp. Requested: 1/23/01 Date Insp. Approved: 1/23/01 Inspector: SRK BB  
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 12" below grade/attached to cap properly   
Safety rope not seen outside of well cap/casing   
Correct well tag attached properly and casing 3" above finished grade   
Water supply line sleeved adequately at house connection   
Adequate groud observed below pitless adapter

8/1/89 AM.

Page \_\_\_\_\_ of \_\_\_\_\_  
Date \_\_\_\_\_

Review \_\_\_\_\_

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0571  
Location of property (road) TWELVE HILLS ROAD  
Subdivision TWELVE HILLS Lot #30 Block - Plat - Sec. 3  
Well Driller F. DELPH Owner ALTOGETHER LTP. PART.

Depth of well 185 ft  
Distance of measuring point (M.P.) above ground 2 ft  
Static water level (S.W.L.) below M.P. 40 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 G.P.M.  
Total time 30 min to reach pumping water level 95 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)
			N/A	G.P.M.
11:06	unable to determine depth w/ meter ~ 75' ±	12 sec		5 gpm
11:27 am		8 sec		7.5 gpm
11:35 am		8 sec		7.5 gpm
			8-1-89 water sample taken at 11:06 am. Appears clear. H 1967 water level meter was not operating when placed in bucket of water. Unable to determine water level. Recommend retest. JEN	



