

C1 2501 SEQUENCE NO. (OEP 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-35648

DATE RECEIVED

DATE WELL COMPLETED 022486

DEPTH OF WELL 22 900 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-1245

OWNER CRISS THOMAS B. last name first name STREET OR RFD HOWARD RD TOWN DAYTON SUBDIVISION DAYTON MEADOWS SECTION LOT 15

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. Mica, Tan Mica, Gray mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 90 ft.

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

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) 57 6 79

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

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

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

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...

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 4 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 49 WHEN PUMPING 173

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 WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (+ above, - below) (nearest foot) 50 51

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)

B 1 4571 SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-1245
fill in this form completely

Date Received

7/20/85

OWNER INFORMATION

CLUBS Tom
15 Last Name Owner First Name 34

7642 Pinckney School
36 Street or RFD 55

Fulton MD 20757
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard H
8 COUNTY 21

Newton Meadows
23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

Newton Meadows
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 M I
73 76 77 78

DRILLER INFORMATION

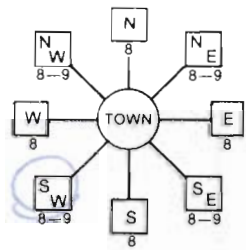
Daniel Easterday 81
Driller's Name 77 License No. 80

D. F. Easterday, Inc.
Firm Name

9265 Brown Church Rd. N1 Ark, MD 20771
Address

D. Daniel Easterday 11/1/85
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Howard Rd.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

1000 37
34 DISTANCE FROM ROAD 37

ENTER FT or MI 0 0
38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 0 0 0
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 5 0 0 0
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A-35648
COUNTY NAME COUNTY NO.

OEP SIGNATURE B. Nilon STATE HEALTH INSET S 0603/86
DATE ISSUED 41

NORTH GRID 511 000 EAST GRID 0801 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 750 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 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)

- 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
 - D 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 (OEP USE ONLY)

APPROP. PERMIT NUMBER _____ GAP _____
54 63

FORCE 50 WRITE INITIALS IN BOX PERMIT No. 40-81-1245
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

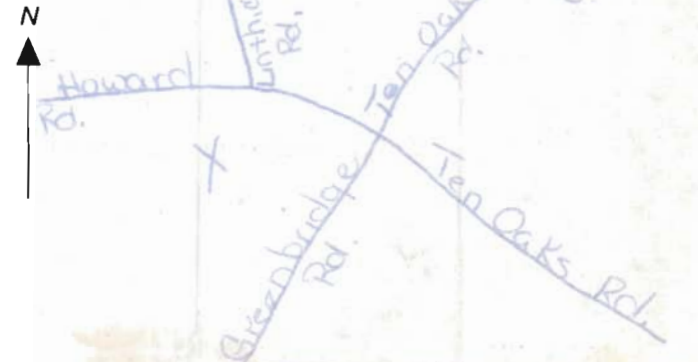
SOURCES OF DRILLING WATER

1. well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8081
N 5101

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



2-24-85
well location OK
49 ft casing
30 ft open
14 bags cement
TAC Pluscor
S Abu

or

Review 3/13/86 OKD BN

8:00 2-24-84

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 811245
Location of property (road) HOWARD RD.
Subdivision DAYTON MEADOWS Lot 15 Block Plat Sec.
Well Driller L. DANIEL ZASTADAY Owner CRISS, THOMAS B.

Depth of well 400 - 1 GPM
Distance of measuring point (M.P.) above ground 2 FT.
Static water level (S.W.L.) below M.P. 40 FT.

High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 12 GPM
Total time 10:00 to reach pumping water level 173 ft. below M.P.

PUMP SET 350 FT

1. 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)
10:00	173 FT	30 sec		2 GPM
10:15	173	30 sec		2 GPM
10:30	173	30 sec		2 GPM
10:45	173	30 sec		2 GPM
11:00	173	30 sec		2 GPM
11:15	173	30 sec		2 GPM
11:30	173	30 sec		2 GPM
11:45	173	30 sec		2 GPM
12:00	173	30 sec		2 GPM
12:15	173	30 sec		2 GPM
12:30	173	30 sec		2 GPM
12:45	173	30 sec		2 GPM
1:00	173	30 sec		2 GPM
1:15	173	30 sec		2 GPM
1:30	173	30 sec		2 GPM
1:45	173	30 sec		2 GPM
2:00	173	30 sec		2 GPM
2:15	173	30 sec		2 GPM
2:30	173	30 sec		2 GPM
2:45	173	30 sec		2 GPM
3:00	173	30 sec		2 GPM
3:15	173	30 sec	Jim	2 GPM
3:30	173	30 sec		2 GPM
3:45	173	30 sec		2 GPM
4:00				

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: H 9625 Name: TOM CRESS County: HOWARD

Source of Sample: DAYTON MEADOWS LOT 15 HOWARD Rd. Collector: S. Abel
Street Town or City

Sample Type (Circle): Community Source Non-Community Distribution Private MCL Emergency Recheck Routine

Remarks: HO-81-1245

County
 Plant No.
 Sampling Station
 Date Collected
 ^A Time
 Acid
 Iced

Field Data:
 pH*
 Chlorine Residual
 Free
 Total
 Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
	pH*	011			Arsenic	253	
	Alkalinity (Total)	040			Barium	262	
	Alkalinity (HCO ₃)	050			Cadmium	273	
	Alkalinity (CO ₃)	060			Chromium	283	
	pH*, Ca CO ₃ SAT.	071			Lead	302	
	Alkalinity, Ca CO ₃ SAT	080			Mercury	314	
	Hardness	110			Selenium	323	
	Ammonia-N	143			Silver	333	
✓	Nitrate-Nitrite N	162	2.0		Aluminum	192	
	Nitrite N	173			Calcium	231	
	MBAS	182			Copper	241	
	Chloride	091			Iron	122	
	Fluoride	101			Magnesium	241	
	Color*	020			Manganese	133	
	Turbidity*	031			Nickel	391	
	Conductance*, SPEC.	201			Potassium	361	
	Silica	210			Sodium	371	
	Sulfate	220			Zinc	342	
	Total Residue	381					