

C1 3165 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 COLES. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 28130

Date Received (OEP use only)

5/10/82 DATE WELL COMPLETED

Depth of Well 305 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL 70-73-4138

OWNER: McNeill Mark (last name, first name) STREET OR RFD: Md Rte 144 TOWN: Lisbon SUBDIVISION: Lower Trail SECTION: LOT: 2

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 Top Soil, Brown Shale, Blue Slate, Flint Rock, Blue Slate.

GROUTING RECORD WELL HAS BEEN GROUTED (YES Y NO N)

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 8 NO. OF POUNDS 800

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE SY Nominal diameter 6 Total depth 39

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 BRONZE OPEN HOLE PL PLASTIC OTHER

DEPTH (nearest ft.) 40 37 305

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

DRILLERS IDENT. NO. 273 DRILLERS SIGNATURE (Must match signature on application) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

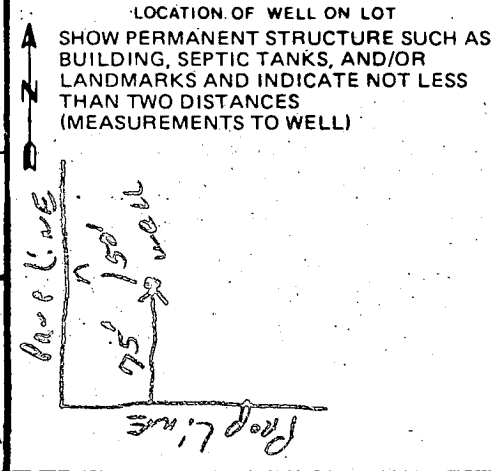
C 3 (seq. no.)

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 3 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 60 WHEN PUMPING 305 TYPE OF PUMP USED (for test) Air piston turbine centrifugal rotary other jet submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES Y NO N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) above below LAND SURFACE 2 (nearest foot)



577182 Tug 4 am to pumpkast new J.S.

EMERGENCY/TEMP. NO. IF ANY

B 1 **2317** 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

HO-73-4138 ✓

fill in this form completely

Date Received **5/10/82 9:30 AM** 0 4 2 3 8 2

OWNER INFORMATION

Last Name 15 **McMEILL** Owner 34 Name **MARK**

Street or RFD 36 **PO BOX 11818**

Town 57 **WEST FRIENDSHIP MD.** State 76 Zip **21774**

B 3 LOCATION OF WELL

COUNTY **HOWARD**

SUBDIVISION **LOWER ~~TRAIL~~ TRAIL**

SECTION **23 NUNTS** LOT **2**

NEAREST TOWN **LISBON**

MILES FROM TOWN (enter 0 if in town) **I**

B 7 Continued DRILLER INFORMATION

Driller's Name **Ralph MAYNE** License No. 80 **0273**

Firm Name **Ralph MAYNE / well Drilling**

Address **Rt. 3 Box 9120 Mt. Airy Md.**

Signature **[Signature]** Date **4/19/82**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **Md. 144**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

1200 DISTANCE FROM ROAD

B 2 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)

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** 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 DEEPEM 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 **FS** WRITE INITIALS IN BOX

PERMIT No. **HO-73-4138**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER:

1. **well 1200' Rd. 5/10/82**
2. **39' casing**
3. **2' casing above ground**

WRITE THE BOX NUMBER FROM THE MAP HERE

770 S
530 N

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

well 1200'
Poplar Springs
Md. 144
Lisbon

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME **HOWARD** COUNTY NO. **A28130**

OEP SIGNATURE _____ STATE HEALTH CIRCLE BOX 41

DATE ISSUED **05 04 82** CO SIGNATURE **[Signature]**

NORTH GRID **SSC** EAST GRID **C775** EXPIRES **11 04 82**

B 5 SPECIAL CONDITIONS 8-63

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4/38
 Location of property (road) MD. Rte 144
 Subdivision Lower Trail Lot 2 Block _____ Plat _____ Sec. _____
 Well Driller Ralph Mayne Owner Mark McNeill

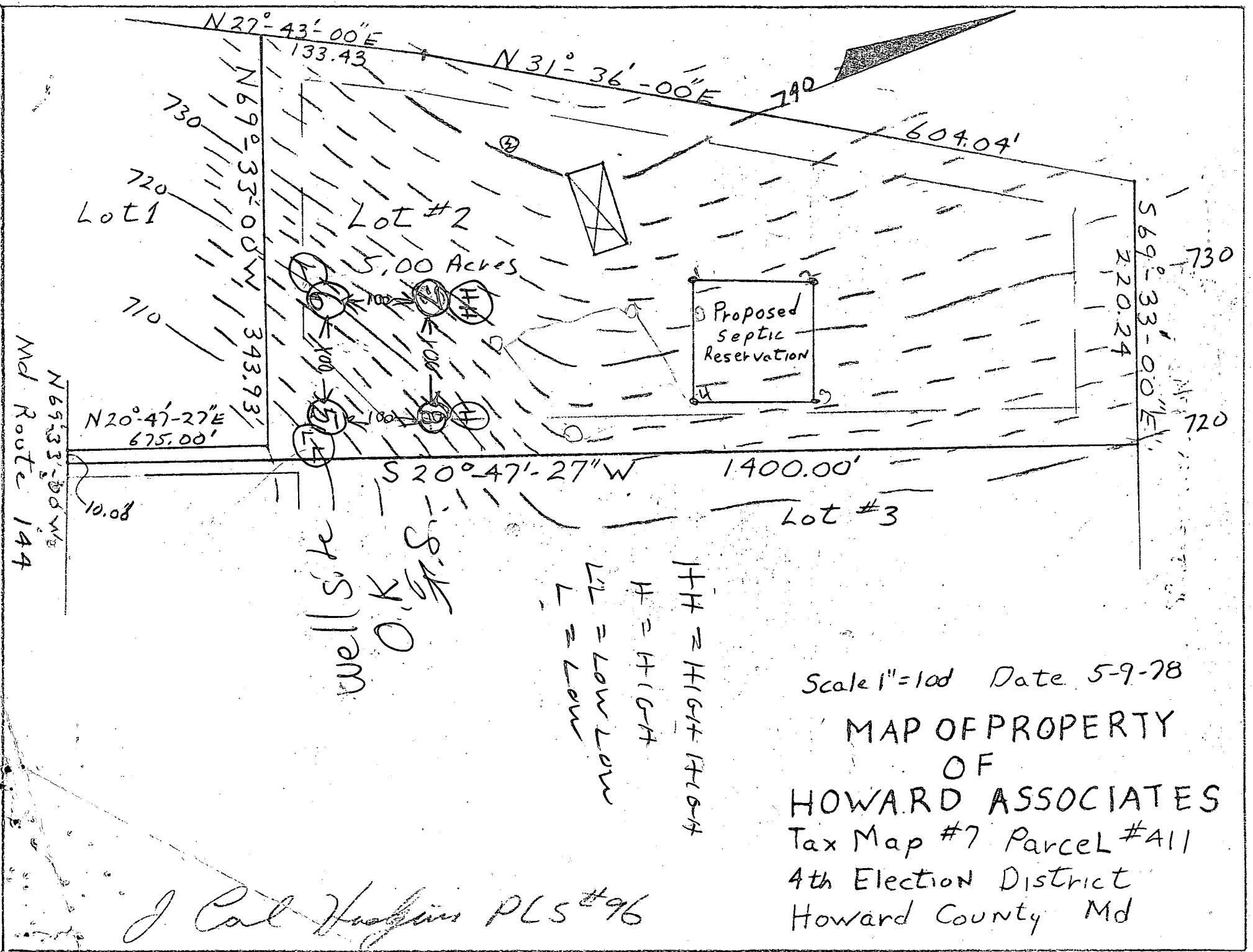
Depth of well 305'
 Distance of measuring point (M.P.) above ground 62'
 Static water level (S.W.L.) below M.P. 60'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 9 GPM
 Total time 2 1/2 HR to reach pumping water level 260 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	60'	7 Sec		9 GPM
7:45	109'	7 Sec		9 "
8:00	149'	7 Sec		9 "
8:15	198'	7 Sec		9 "
8:30	240'	7 Sec		9 "
8:45	258'	20 Sec		3 "
9:00	260	25 "		2 1/2
9:15	260	25 "		2 1/2
9:30	260	25 "		2 1/2
9:45	260	25 "		2 1/2
10:00	260	25 "		2 1/2
10:15	260	25 "		2 1/2
10:30	260	25 "		2 1/2
10:45	260	25 "		2 1/2
11:00	260	25 "		2 1/2
11:15	260	25 "		2 1/2
11:30	260	25 "		2 1/2
11:45	260	25 "		2 1/2
12:00	260	25 "		2 1/2
12:15	260	25 "		2 1/2
12:30	260	25 "		2 1/2
12:45	260	25 "		2 1/2
1:00	260	25 "		2 1/2
1:15	260	25 "		2 1/2
1:30	260	25 "		2 1/2



8/1/84

Pitless Adapter installed & OK
Well Cap installed & OK
Ground Wire OK Nothing done
on pump installation Returned
after lunch & work just began on
pump installation

B. Hodges