

B 1 4872 SEQUENCE NO. (MDE USE ONLY)

1 2 3 6  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6, ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

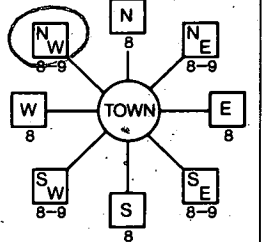
STATE PERMIT NUMBER  
Ho-94-1144  
70 fill in this form completely 79


Date Received (APA) 4/21/97

8 MM DD YY 13  
OWNER INFORMATION  
Spokes Albert  
15 Last Name Owner First Name 34  
5610 Chambliss Drive  
36 Street or RFD 55  
Clarksville MD 21029  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
Howard  
8 COUNTY 21  
Garnet Hill Farm  
23 SUBDIVISION 42  
SECTION 5 LOT 5  
44 46 48 50  
Clarksville  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 1 M I  
73 76 77 78

DRILLER INFORMATION  
Paul M. Fabiszak M W D 3 9 9  
76 Driller's Name 81 License No.  
G. Edgar Harr Sons' Corp  
Firm Name  
12047 Falls Rd Cocksylville 20030  
Address  
Paul M. Fabiszak 4/16/97  
Signature Date

B 4  
1 2  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  


Broadwater Lane  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
34 100 37  
DISTANCE FROM ROAD  
ENTER FT OR MI 38 39  
TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2 WELL INFORMATION  
1 2  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750  
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
22  INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)  
 TEST; OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A50450C  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S → 41  
DATE ISSUED 5/19/97 Kim Maisto 5/19/98  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 508 000 EAST GRID 808 000  
50 55 57 63

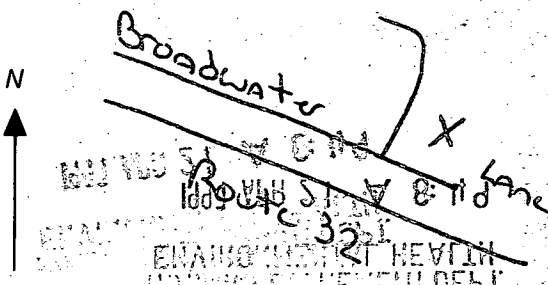
APPROXIMATE DEPTH OF WELL 250 FEET  
24 28  
APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
5-28-97  
SOURCES OF DRILLING WATER  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 81008  
N 5008  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

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 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  
39  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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER \_\_\_\_\_ G A P \_\_\_\_\_  
54 63  
WRITE INITIALS IN BOX FORCE GS PERMIT No. Ho-94-1144  
67 68 70 71 72 73 74 75 76 77 78 79

  
BROADWATER LANE  
1000 FT  
321  
EMERGENCY HEALTH DEPT

C1 6045 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A50450C

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 05 29 97

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1144

OWNER Spokes last name Albert first name STREET OR RFD Broadwater Lane TOWN Clarksville SUBDIVISION Garnet Hill Farm SECTION LOT 5

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 22 NO. OF POUNDS 2200 GALLONS OF WATER 132 DEPTH OF GROUT SEAL (to nearest foot) from 0 TOP ft. to 88 BOTTOM ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3/8 9 PUMPING RATE (gal. per min.) 9.6/11 15 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 24/17 20 ft. WHEN PUMPING 157/22 25 ft. TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Overburden (0-30), Mud & Soft Shale (30-95), Gray Rock (95-300) with 'x' in water bearing column.

water was encountered at 115 & 280'

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 100

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole [ST] [BR] [HO] [PL] [OT]

C 2 DEPTH (nearest ft.)

Table for depth measurements with columns for casing height and depth.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

- 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...

DRILLERS LIC. NO. MWD 399 DRILLERS SIGNATURE [Signature] LIC. NO. MWD 009 SITE SUPERVISOR [Signature]

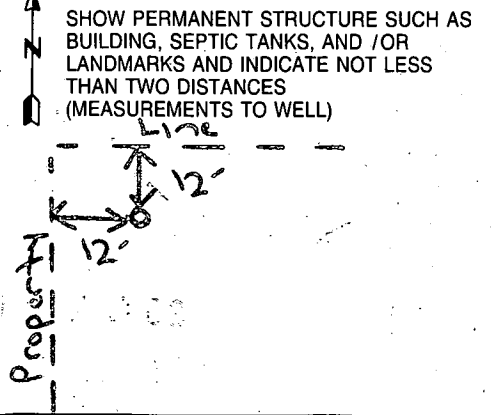
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q LOG INDICATOR OTHER DATA

PUMP INSTALLED

DRILLER WILL INSTALL 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 (nearest foot) 1 50 51

LOCATION OF WELL ON LOT



PHRR DRILLING CO. TEL: 410-560-0784 May 02, 97 9:15 No. 004 P. 02

CHAMBLIS DRIVE

NO STAKE  
OBS'D  
MA 5/5/97  
WELL STAKE OK 15-14-97

