

C1 4552 SEQUENCE NO. (DENY 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-36237

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 052191

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-88-1699

OWNER Paris Harold last name first name TOWN Sykesville STREET OR RFD High Stepper Trail SUBDIVISION River Doves SECTION 1 LOT 5

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND Stone, GRY MICH Rock.

GROUTING RECORD. WELL HAS BEEN GROUTED (Yes Y, No N). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 11, NO. OF POUNDS 1039. GALLONS OF WATER 66. DEPTH OF GROUT SEAL (to nearest foot) from 0 to 38 ft.

CASING RECORD. casing types insert appropriate code below. MAIN CASING TYPE: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 49.

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

SCREEN RECORD. screen type or open hole insert appropriate code below. STEEL (ST), BRASS (BR), OPEN HOLE (HO), BRONZE (PL), OTHER (OT).

DEPTH (nearest ft.) table with columns for depth intervals (8-9, 11-15, 17-21, 23-24, 26-30, 32-36, 38-39, 41-45, 47-51) and rows for casing types.

SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) from to. GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

PUMPING TEST. HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min. to nearest gal.) 705. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 29, WHEN PUMPING 30. 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: 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) 2.

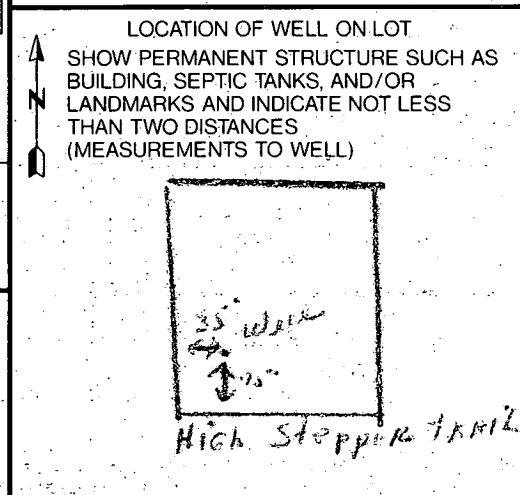
CIRCLE APPROPRIATE LETTER. A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. E ELECTRIC LOG OBTAINED. P TEST WELL CONVERTED TO PRODUCTION WELL.

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238. DRILLERS SIGNATURE Joseph L. Morgan (MUST MATCH SIGNATURE ON APPLICATION)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER). T (E.R.O.S.), W Q (74, 75, 76). TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



COUNTY

B 1 **9142** SEQUENCE NO. (DP USE ONLY)
2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-88-1694
70 fill in this form completely 79

Date Received (APA) **040891**
PARIS HAROLD OWNER INFORMATION
15 Last Name 13 Owner 34 First Name
PO BOX 1422 Street or RFD 55
ELLICOTT CITY MD 21043
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
1 **HOWARD** COUNTY 21
RIVER DOWNS SUBDIVISION 42
SECTION 44 46 LOT **5** 48 50
SYKESVILLE NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **2** MI 73 76 77 78

DRILLER INFORMATION
Joseph L. Mayne 238
Driller's Name 77 License No. 80
Joseph L. Mayne WELL DRILLING
5512 Ridge Rd. Mt. Airy, Md. 21771
Address
Joseph L. Mayne 4/8/91
Signature Date

B 4
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
N W 8-9 N E 8-9
W 8 E 8
S W 8-9 S E 8-9
TOWN
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
High Stepper trail NEAR WHAT ROAD 30
34 **75** 37 DISTANCE FROM ROAD
ENTER FT OR MI **FT** 38 39

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard Co. **A-36237**
COUNTY NAME COUNTY NO.
STATE SIGNATURE **D. Bugg** 10-08-91
DATE ISSUED EXP. DATE
NORTH GRID **550000** EAST GRID **0814000**
50 55 57 63

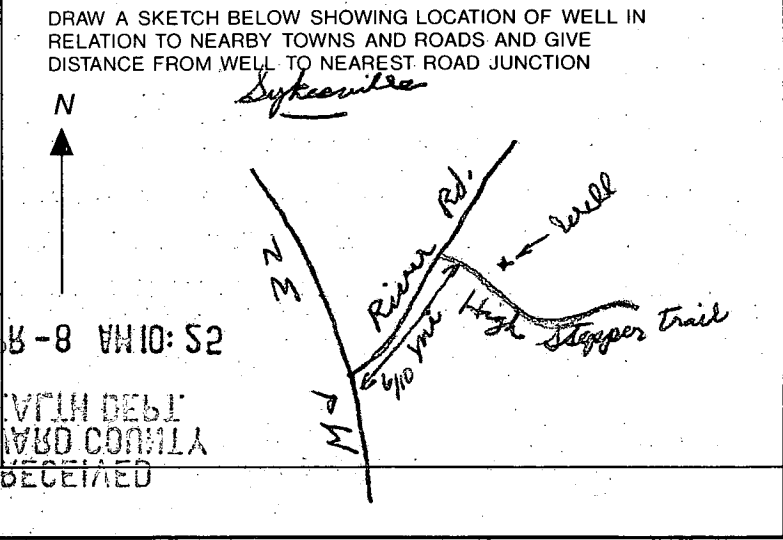
APPROXIMATE DEPTH OF WELL **240** FEET
24 28

APPROXIMATE DIAMETER OF WELL _____ 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 _____

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 **814**
N **550**
000
000
5/21/91 9:30 GROUTING NOT OBS'D
49' CASING
38' OPEN HR
11 BAGS 5/21/91
2 1/2' CASING A.G.
TAG OK

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
 THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller. (OEP USE ONLY)
APPROX. PERMIT NUMBER _____ GAP _____
54 63
FORCE **DB** WRITE INITIALS IN BOX 67 68 PERMIT No. **40-88-1694** 70 71 72 73 74 75 76 77 78 79
SPECIAL CONDITIONS

21 APR - 8 AM 10:52
RECEIVED
HOWARD COUNTY

