

C1 4304

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A57762

ST/CO USE ONLY DATE RECEIVED 10/19/98

DATE WELL COMPLETED 09 2 98

Depth of Well 240 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1768

OWNER Woodfords East LLC STREET OR RFD Barley Field Way TOWN Harriottsville SUBDIVISION WOODFORDS GRANT II SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sandstone, Micka, etc.

GROUTING RECORD form with fields: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (16), NO. OF POUNDS (1600), GALLONS OF WATER (96), DEPTH OF GROUT SEAL (30+).

CASING RECORD form with fields: casing types (PL), MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (55).

OTHER CASING (if used) form with fields: diameter, depth.

SCREEN RECORD form with fields: screen type (HO), SLOT SIZE (1, 2, 3), DIAMETER OF SCREEN (56, 60).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y)

- CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted).

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. 1 MSD116, DRILLERS SIGNATURE (Hall Wayne)

LIC. NO. 1 MSD117, SIGNATURE (Hall E. Wayne)

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

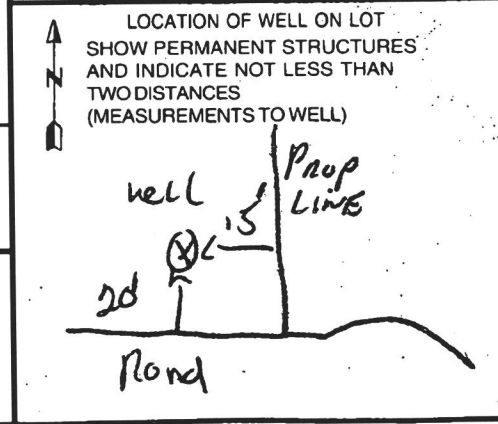
DEPTH (nearest ft.) table with rows for casing sections and slot sizes.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form with fields: HOURS PUMPED (3), PUMPING RATE (15), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (87 before, 91 when pumping), TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED form with fields: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (2).





B 1 2409

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1768 fill in this form completely

Date Received (APA) 09/25/98

OWNER INFORMATION

WOODFORD'S EAST LLC 6212 DEVON DR Columbia Md 21044

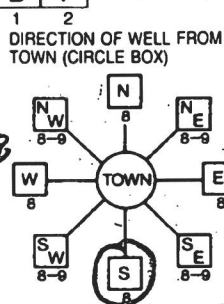
LOCATION OF WELL

HOWARD COUNTY WOODFORD'S GRANT II SECTION 44 LOT 1 MARRIO HS UELLE MILES FROM TOWN 1

DRILLER INFORMATION

RALPH MAYNE MSD 116 RALPH MAYNE WELL DRILLING 9120 BROWN CHURCH RD. Mt. Airy Ralph Mayne 9/24/98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BARLEY FIELD ROAD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 25 FT DISTANCE FROM ROAD ENTER FT OR MI 25 TAX MAP 16 BLK 16 PARCEL 316

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS7762 COUNTY NAME COUNTY NO STATE SIGNATURE INSERT S: S DATE ISSUED 09/28/98 Mark E. Riffin 09/28/99 CO SIGNATURE EXP. DATE NORTH GRID 543 EAST GRID 0827

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTARY (circled) JETTED AIR-PERCUSsion ROTARY (Hydraulic Rotary) other CABLE REVERSE-ROTARY DRIVE-POINT

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

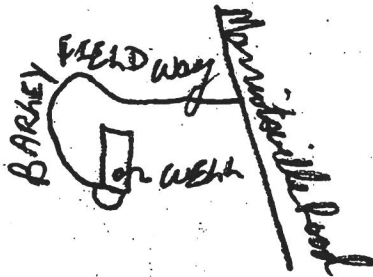
SOURCES OF DRILLING WATER 1 WELL

WRITE THE BOX NUMBER FROM THE MAP HERE

E 827

N 543

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. HO-94-1768

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 05033

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER AS7555-A

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)

STACO USE ONLY DATE RECEIVED MW 4-20-98

DATE WELL COMPLETED MM 05 27 98

Depth of Well 22 229 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1535

OWNER Woodfords Grant LLC STREET OR RD Bartley Field Way TOWN Marriottsville SUBDIVISION WOODFORDS GRANTVILLE SECTION LOT 1

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, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA, Flint Rock, MICKA.

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

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (C) BENTONITE CLAY (BC) NO. OF BAGS 2 NO. OF POUNDS 1200 GALLONS OF WATER 22 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 30+

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 40

OTHER CASING (if used) diameter in inch depth in feet

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

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED YES (Y) NO (N)

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...

DRILLERS LIC. NO. MS D 116 DRILLERS SIGNATURE Ralph Wayne

DRILLERS LIC. NO. MS D 117 DRILLERS SIGNATURE Ralph E. Wayne

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

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 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12.9 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 45 ft. WHEN PUMPING 95 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A, C, P, R, S, J, O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 49 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot) 50 51

