

C 1 20717 SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Warner Rajesh; WELL SITE ADDRESS: 2221 Heathcliff Ct; TOWN: Ellicott City MD; SUBDIVISION: Woodmark; SECTION: ; LOT: ;

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 Asphalt Base, Brown Sand + clay, and Gray Rock.

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (Well abandoned and sealed), 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. 1 MWD 553

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC); NO. OF BAGS 32; NO. OF POUNDS 1600; GALLONS OF WATER 800; DEPTH OF GROUT SEAL (to nearest foot) from 0 to 400 ft.

CASING RECORD

MAIN CASING TYPE: Nominal diameter top (main) casing (nearest inch): 60; Total depth of main casing (nearest foot): 70. Includes casing type codes (ST, CO, PL, OT).

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

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) with depth (nearest ft.)

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N and depth values (8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51)

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9; PUMPING RATE (gal. per min.) 11 15; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft, WHEN PUMPING 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

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or 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) 50 51

LATITUDE 38.983577 #1; LONGITUDE 77.154286 (DEFAULT COORD. WGS 84)

NOTES: front; #2 38,983577 77,154286

B 1 17613

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER H0-95-2645 fill in this form completely

OWNER INFORMATION: Date Received (APA) 8/10/14, Owner Warrick, First Name James, Street or RFD 12221 Heathcliff Ct, Town Ellicott City, MD, Zip 21043

LOCATION OF WELL: Howard County, Subdivision Woodmark, Section 44-46, Lot 48-50, Nearest Town Ellicott City

DRILLER INFORMATION: Driller's Name John Hess, License No. MLD 553, Firm Name Allied Environmental Services, Address 12345 Annapolis Junction MD 20701, Signature John Hess

SOURCES OF DRILLING WATER: 1. Public

12221 Heathcliff Ct, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH, DISTANCE FROM ROAD 34, ENTER FT OR MI 38 39, TAX MAP: 0033 BLK: 0007 PARCEL 0109

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 8 / 12, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 / 20

USE FOR WATER (CIRCLE APPROPRIATE BOX): [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION, [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), [I] INDUSTRIAL, COMMERCIAL, DEWATERING, [P] PUBLIC WATER SUPPLY WELL, [T] TEST, OBSERVATION, MONITORING, [O] OPEN LOOP GEOTHERMAL, [C] CLOSED LOOP GEOTHERMAL 2 LOOPS

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME Howard, COUNTY NO. 24, STATE SIGNATURE [Signature], DATE ISSUED 2/7/14, CO SIGNATURE [Signature], EXP. DATE 2/7/15

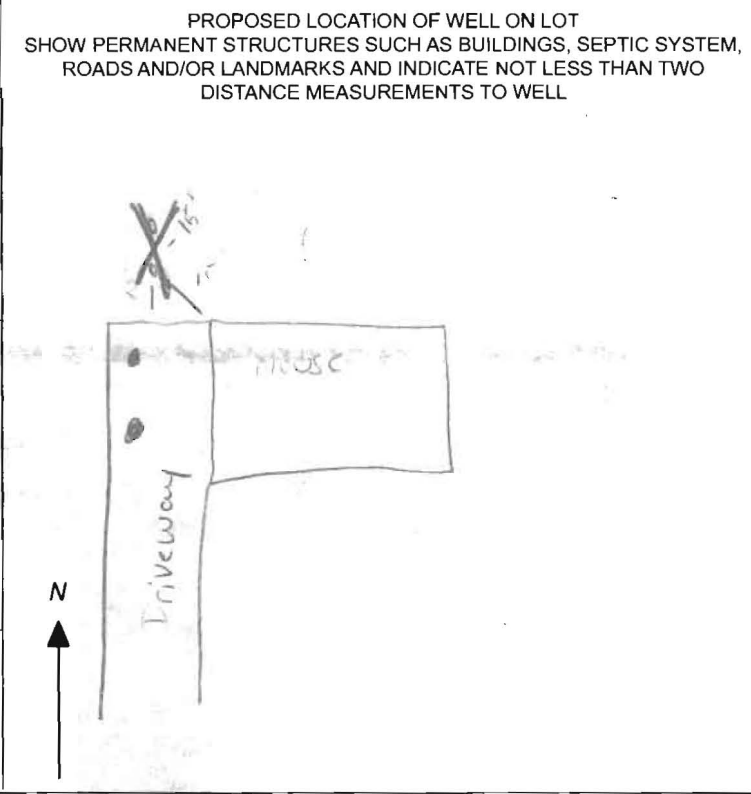
APPROXIMATE DEPTH OF WELL 400 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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

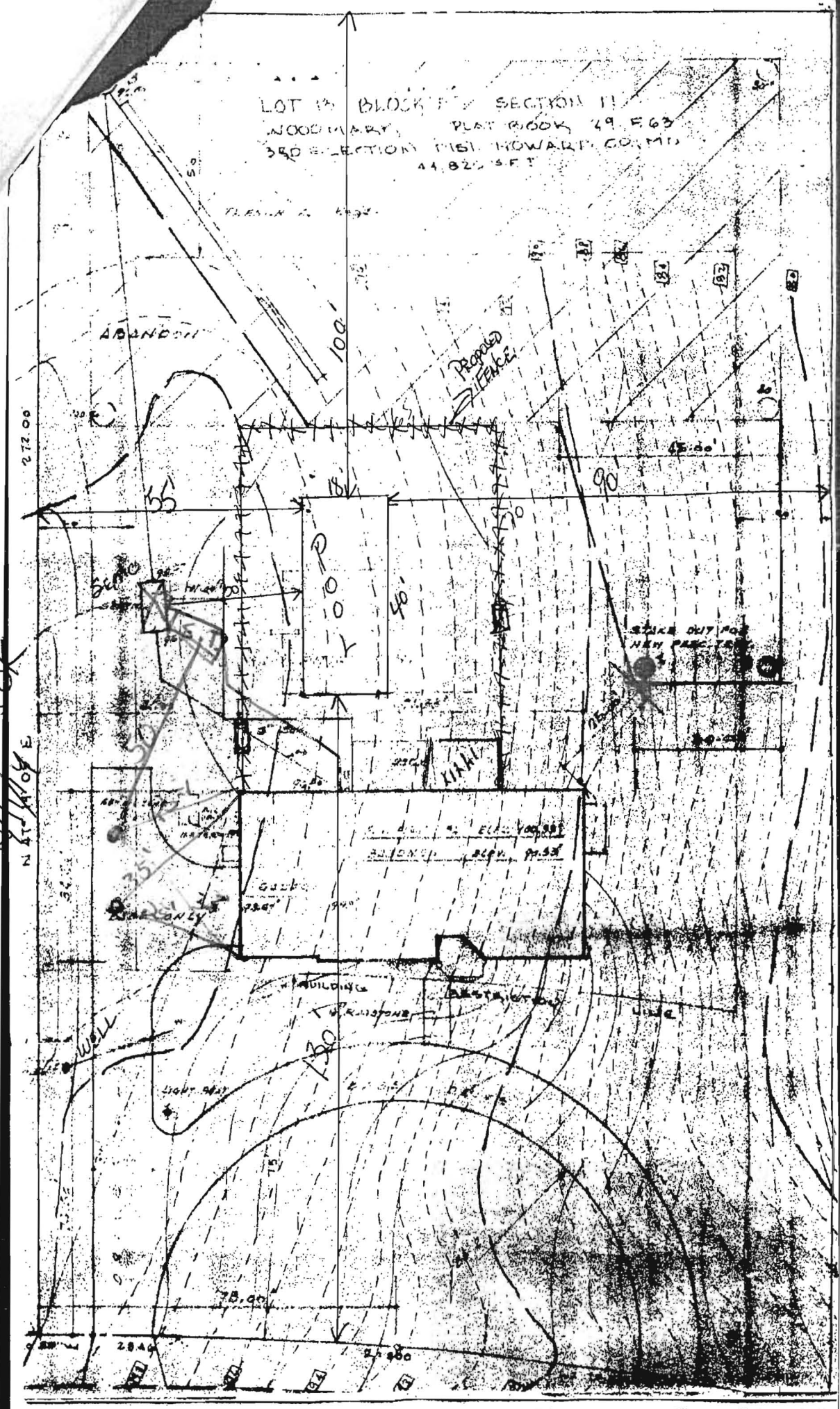
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX): [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL, [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, [D] THIS WELL WILL DEEPEIN AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY): APPROP. PERMIT NUMBER G, PERMIT No. H0-95-2645



SPECIAL CONDITIONS: NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOT 14 BLOCK F SECTION 11
 WOODMAREY PLAT BOOK 49 P. 63
 3RD SECTION DIST. HOWARD CO. MD.
 44,822 S.F.

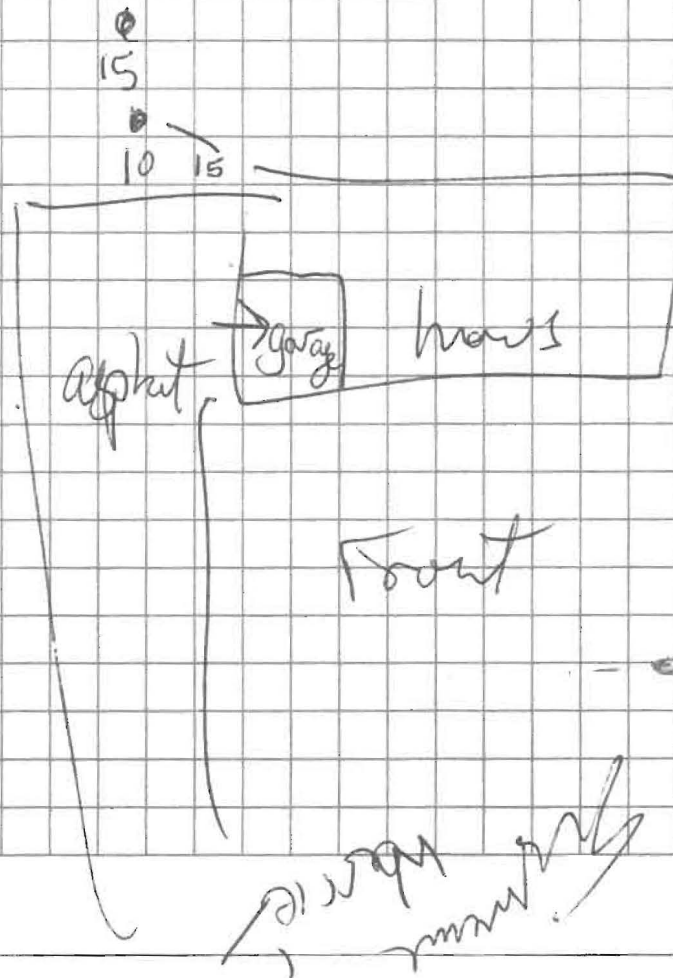


Well site OK
 SW 2/4 1/4

12221
 Hawthcliff
 Ct,
 Elliott City
 MD



Allied
WELL DRILLING
SITE PLAN



Sediment Control Protocol: _____

Distance From House: _____

From Septic: _____

From Sewer: _____

From Property Line: _____

From Street: _____

Trees Nearby: _____

Utility Issues: _____

Mats Needed: _____

Access For H/U: _____

Neighboring Tags: _____

Comments: _____

Person Completing Form: _____