

C 1 30342

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER

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

DATE RECEIVED MM DD YY 03 20 13

DATE WELL COMPLETED MM DD YY 1-22-15

DEPTH OF WELL 22 240 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-14-083

OWNER: Matthew Rogers Deborah (last name, first name)
WELL SITE ADDRESS: 9459 Macomber Ln TOWN: Columbia
SUBDIVISION 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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries: Fill Dirt/soil, Brn sand, Tan sand, Brn Rock w/ some broken shells (40 GPM), Gray Rock.

10 bags x 20 gal bag = 200 gal / 240" = 1.1 gal/ft

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 20 NO. OF POUNDS 1000
GALLONS OF WATER 500
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 240 ft.

CASING RECORD

MAIN CASING TYPE: Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)
Other casing (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole: insert appropriate code below
ST STEEL BR BRASS HO OPEN HOLE
PL PLASTIC OT OTHER

DEPTH (nearest ft.)

Table with columns: E A C H S R E E N, 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51. Includes SLOT SIZE 1 2 3 and DIAMETER OF SCREEN (NEAREST INCH) from 56 to 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
70 72 74 75 76
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 (describe below) J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO (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 } LAND SURFACE (nearest foot) - below }

LATITUDE 39.20666
LONGITUDE 76.83730
(DEFAULT COORD. WGS 84)

NOTES: Front
1 x Cress
2 x Cress
39.20663
76.83730

B 1 25779

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

Ho-14-0183 fill in this form completely

Date Received (APA)

OWNER INFORMATION

Matherly Roger + Deborah 9459 Macomber Lane Columbia MD 21045

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LOCATION OF WELL

Howard 8 COUNTY 21 92 48 50 52 NEAREST TOWN

DRILLER INFORMATION

John Hess MW D 553 Allied Environmental Services P.O. Box 121 Annapolis Junction MD 20771

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SOURCES OF DRILLING WATER

1. Public

9459 Macomber Lane 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W EAST E SOUTH S 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP 0036 BLK: 0010 PARCEL 0311

B 2

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)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
OPEN LOOP GEOTHERMAL
CLOSED LOOP GEOTHERMAL 2 loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 1/16/15 CO SIGNATURE EXP. DATE 1/16/16

APPROXIMATE DEPTH OF WELL 240 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

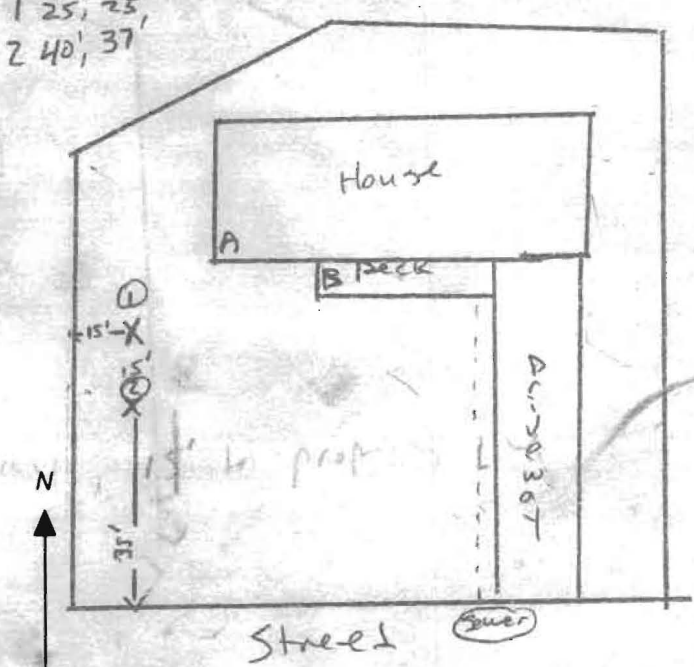
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- 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 DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER PERMIT No. Ho-14-0183

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



SPECIAL CONDITIONS

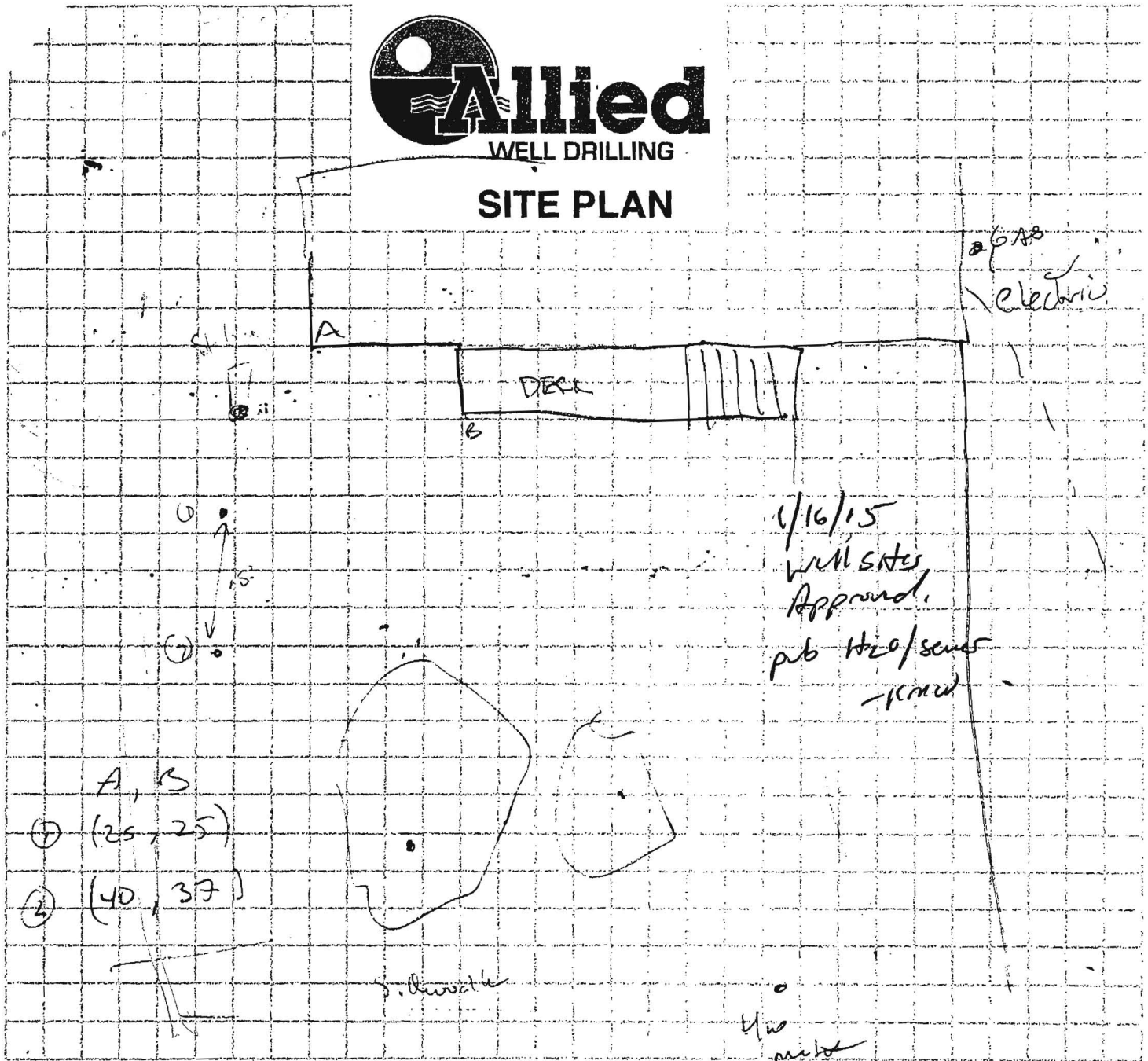
NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

9459 Macomber ~~Macomber~~



WELL DRILLING

SITE PLAN



Sediment Control Protocol: \_\_\_\_\_

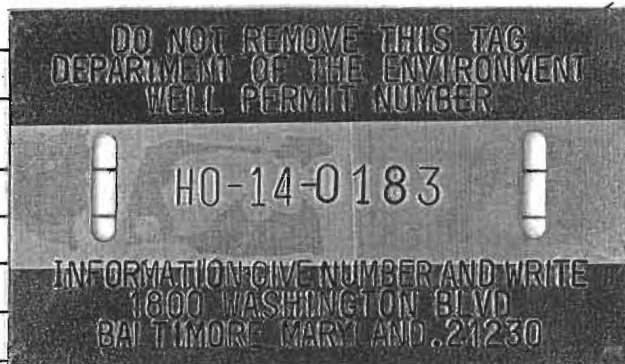
Distance From House: \_\_\_\_\_

From Septic: \_\_\_\_\_

From Sewer: \_\_\_\_\_

From Property Line: \_\_\_\_\_

From Street: 35'

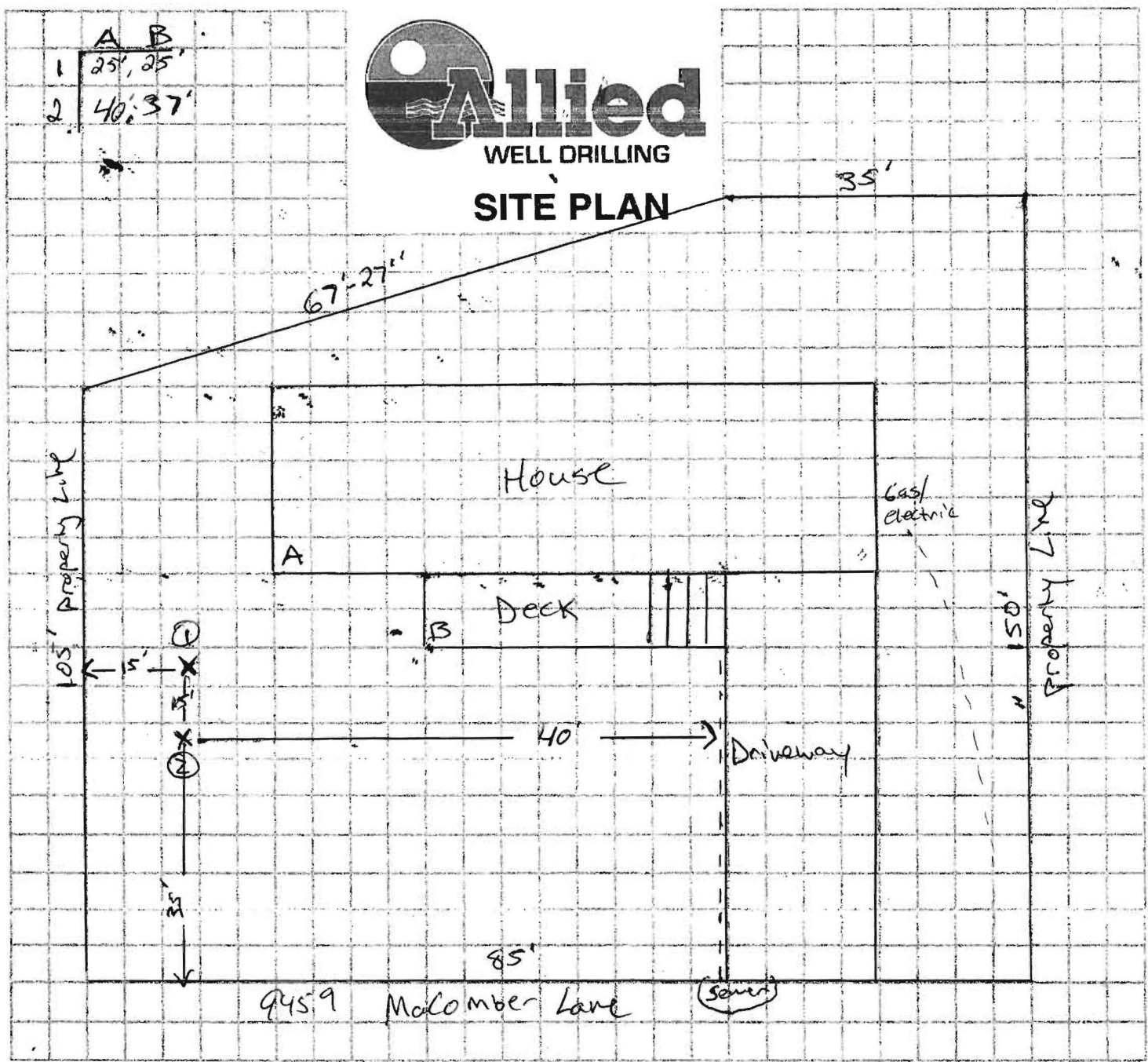


Comments: 40' to driveway, 15' to property line

Person Completing Form: \_\_\_\_\_



**SITE PLAN**



Sediment Control Protocol: \_\_\_\_\_

Distance From House: 25'  
 From Septic: N/A  
 From Sewer: 40'  
 From Property Line: 15'  
 From Street: 35'

Trees Nearby: \_\_\_\_\_  
 Utility Issues: \_\_\_\_\_  
 Mats Needed: \_\_\_\_\_  
 Access For H/U: \_\_\_\_\_  
 Neighboring Tags: \_\_\_\_\_

Comments: \_\_\_\_\_

Person Completing Form: \_\_\_\_\_