

C1 18616 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

ST/CO USE ONLY DATE Received MM DD YY 05 21 13

DATE WELL COMPLETED MM DD YY 5-3-13

Depth of Well 22 370 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" OK 8/28/15 sc HO-95-2512

OWNER Wells Fargo Bank WELL SITE ADDRESS 1810 Baker Valley Ct TOWN Woodbine MD SUBDIVISION Baker Valley SECTION LOT 6

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 like Clay + Dirt, Hard Bin Sand, Red Clay + Sand, etc.

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED YES NO Y 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. 1 M WD 5531 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 AWD 875

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

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 40 NO. OF POUNDS 2000

GALLONS OF WATER 1000

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 370 ft.

CASING RECORD

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 105

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

SCREEN RECORD

ST STEEL BR BRASS BRONZE PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

Table with columns: A, C, H, S, R, E, N and rows for slot size and diameter of screen.

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

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 - below LAND SURFACE (nearest foot)

LATITUDE 39.31945 LONGITUDE 77.06052 (DEFAULT COORD. WGS 84)

NOTES: front Driller well Geo 100ps

B 1	<u>23577</u>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL	STATE PERMIT NUMBER <u>HO-95-2512</u>
1 2 3 6			544590-A please type	70 fill in this form completely 79

OWNER INFORMATION

Date Received (APA) 05 28 13

8 MM DD YY 13

Wells Fargo Bank
15 Last Name Owner First Name 34

Attn: Joe Dept
36 Street or RFD 55

Jacksonville FL 32203-2248
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard
8 COUNTY 21

Boka Valley
23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

Woodbine
52 NEAREST TOWN 71

DRILLER INFORMATION

C. John Hess MWD 553
76 License No. 81

Allied Environmental Sucs
Firm Name

Po Box 129, Annapolund MD 20701
Address

C John Hess 3/27/13
Signature Date

B 4 SOURCES OF DRILLING WATER

1. Public

11 1810 Boka Valley Ct 30
STREET ADDRESS

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 180 37
DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 0008 BLK: 0019 PARCEL 0043

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)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL 3 loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 04/24/2013 R. K. St 4/24/14
43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 370 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
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 _____

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

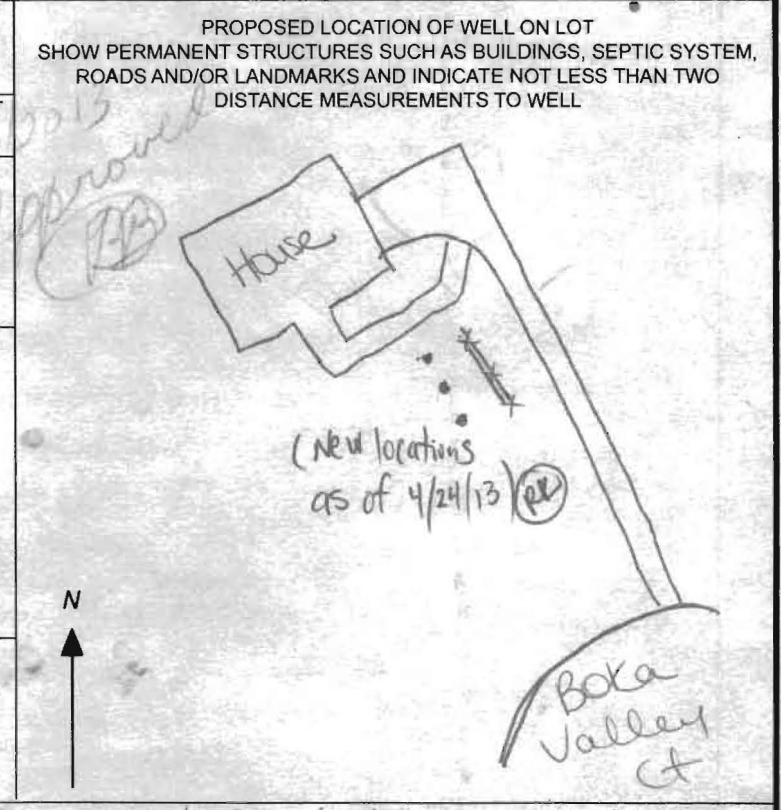
THIS WELL WILL DEEPEM AN EXISTING WELL

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 _____

PERMIT No. HO-95-2512
70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED- Wells must be grouted from bottom to top

2000 Symphony Woods Rd, Suite 609
Columbia, MD 21044
P 410.715.6880 / F 410.730.3730

PROPERTY ADDRESS: 1810 BOKA VALLEY COURT WOODBINE, MARYLAND 21797

SURVEY NUMBER: MD1303.0433

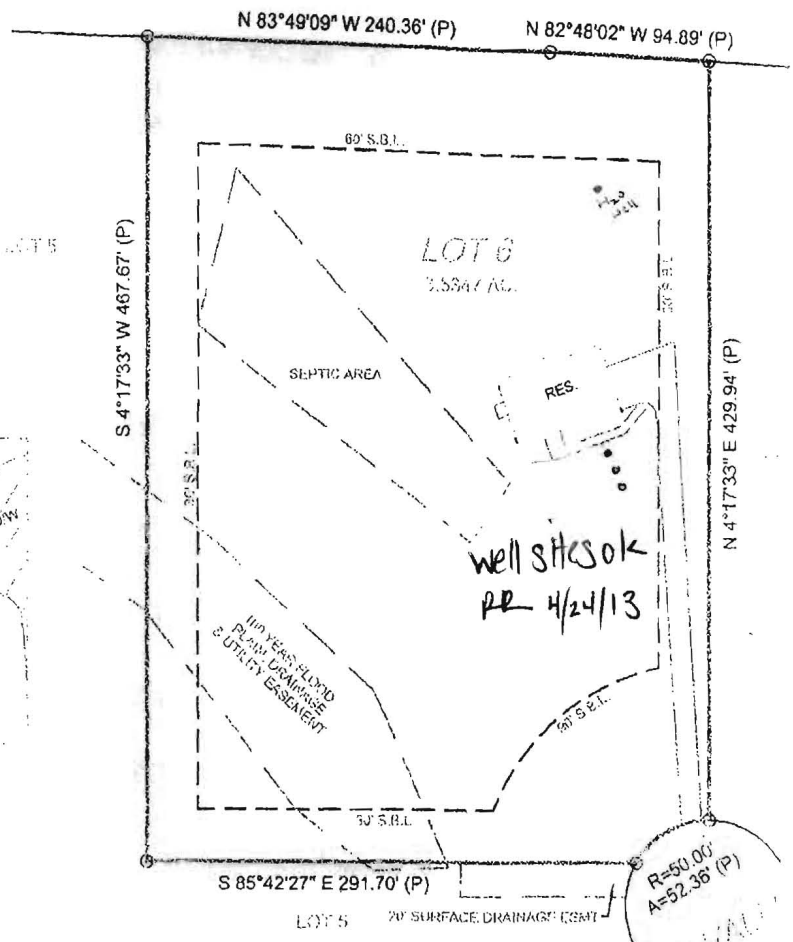
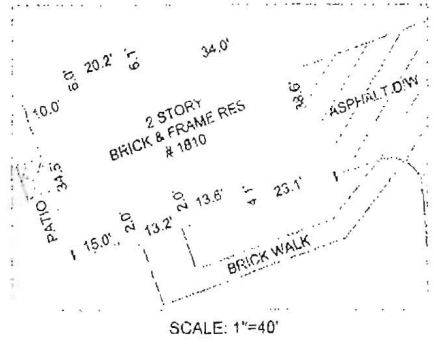
FIELD WORK DATE: 3/7/2013

REVISION HISTORY: (REV.1 3/10/2013)

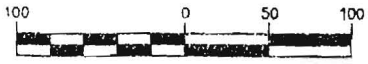
New Site Plan 4/24/13

MD1303.0433
LOCATION DRAWING
LOT 6
BOKA VALLEY, SECTION 1, AREA 1
HOWARD COUNTY, MARYLAND
03-08-2013 SCALE 1"=100'

LOT 1
PEARRE PROPERTY



STATE OF MARYLAND
JOHN E. KROBATH
PROFESSIONAL LAND SURVEYOR
10908
John E. Kroboth
EXPIRES 5-26-14



GRAPHIC SCALE (In Feet)
1 inch = 100' ft.
ACCURACY=3±

R=50.00'
A=52.36' (P)
BOKA VALLEY COURT

POINTS OF INTEREST:
NONE VISIBLE

CLIENT NUMBER: 13194794712A

DATE: 3/10/2013

BY: GARY J DELLAZANNA

RECEIVED
APR 24 2013
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

5950 Symphony Woods Rd, Suite 609
 Columbia, MD 21044
 P 410.715.6880 / F 410.730.3730

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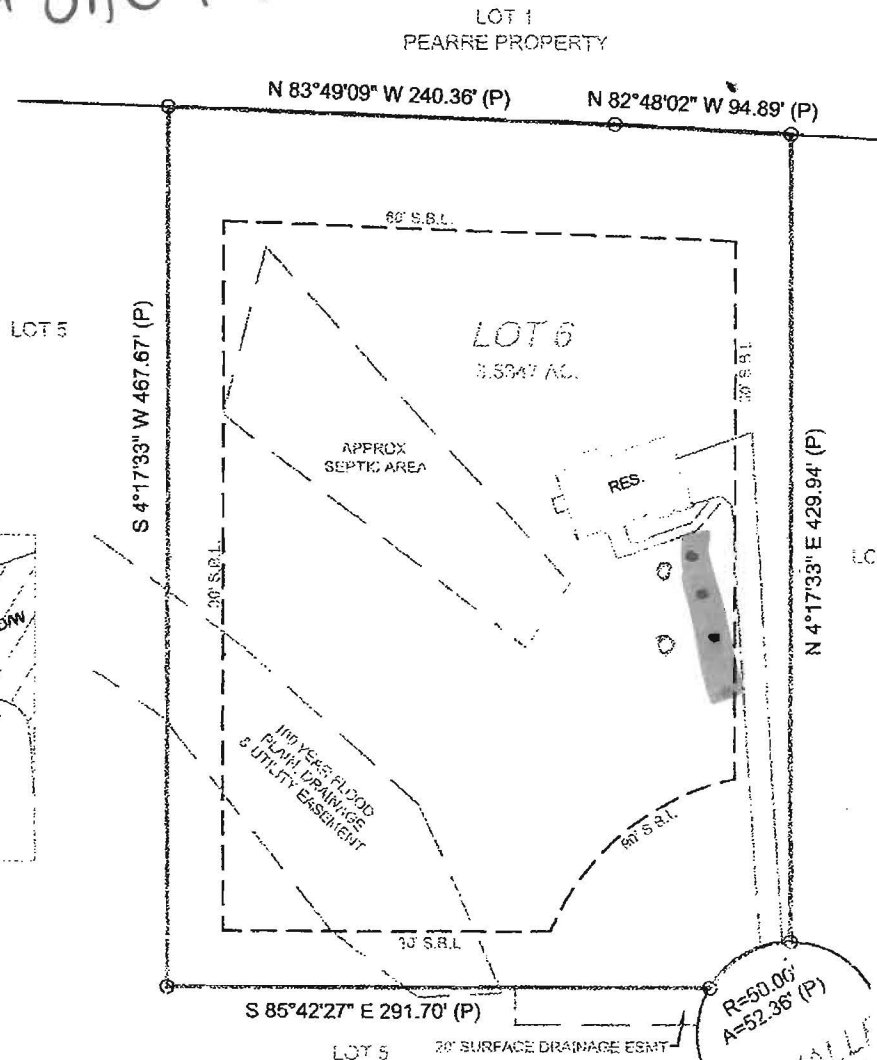
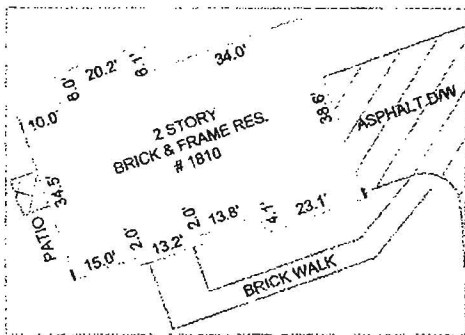
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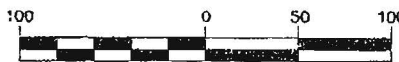
MD1303.0433
 LOCATION DRAWING
 LOT 6
 BOKA VALLEY, SECTION 1, AREA 1
 HOWARD COUNTY, MARYLAND
 03-08-2013 SCALE 1"=100'

Old Site Plan

o = Geowells



John E. Kroboth
 EXPIRES 5-26-14



GRAPHIC SCALE (In Feet)
 1 inch = 100' ft.
 ACCURACY=3±

POINTS OF INTEREST:
 NONE VISIBLE

CLIENT NUMBER: 13194794712A

DATE: 3/10/2013

BUYER: GARY J DELLA'ZANNA

DALIA COMPANY

Alicia M. Klein Marketing Director