

C1 19747

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)

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM 11 DO 28 YR 12

DATE WELL COMPLETED MM 11 DO 15 YR 12

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2371

OWNER SAKAKI, hana ALAN WELL SITE ADDRESS 8318 Savage Guilford Rd TOWN Savage 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. Rows: SOIL (0-6), CLAY (6-12), SAND (12-39), Schist (39-300)

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 300 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 300

CASING RECORD

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 inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M WD 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M SD 066 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

Table with columns: DEPTH (nearest ft.), A, C, H, S, C, R, E, E, N. Rows: 8-11, 15-17, 23-26, 30-32, 38-41, 45-47, 51

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

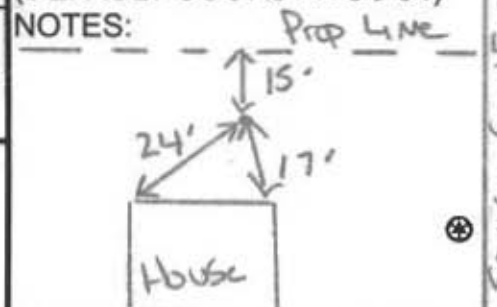
PUMPING TEST

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 ak P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED 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,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) LAND SURFACE (nearest foot)

LATITUDE 39.14223 LONGITUDE 76.82545 (DEFAULT COORD. WGS 84)



1 2 3 4 5 6

2431

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please type

538049

STATE PERMIT NUMBER  
140-95-2371  
fill in this form completely

Date Received (APA) 08/24/12

OWNER INFORMATION

8 MM DD YY 13

15 Last Name Owner First Name 34

Sakak, hana SAK

36 8318 SAVAGE Guilford RD 55

Street or RFD

57 Savage MD 20763 76

Town State Zip

B 3 LOCATION OF WELL

8 COUNTY Howard 21

23 SUBDIVISION

SECTION 44 46 LOT 48 50

52 NEAREST TOWN Savage 71

DRILLER INFORMATION

76 License No. 81

Driller's Name Michael Barlow MWD 355

Firm Name Barlow Well Drilling

Address 522 Underwood Lane 21014

Signature [Signature] Date 8/17/12

B 4 SOURCES OF DRILLING WATER

1. Well

2.

3.

8318 SAVAGE Guilford RD

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH [ ] WEST [ ] EAST [ ] SOUTH [ ]

34 50 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 47 BLK: 11 PARCEL 692

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 0

AVERAGE DAILY QUANTITY NEEDED (GAL PER DAY) 0

14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 17

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S →

DATE ISSUED 9/11/12

43 MM DD YY 48 CO SIGNATURE EXP. DATE 9/11/12

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

1 x 300 OK

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

840/470

Vollmerhausen RD

SAVAGE Guilford RD

MADISON Street

N

⓪

APPROXIMATE DEPTH OF WELL 300 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)

APPROX. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_

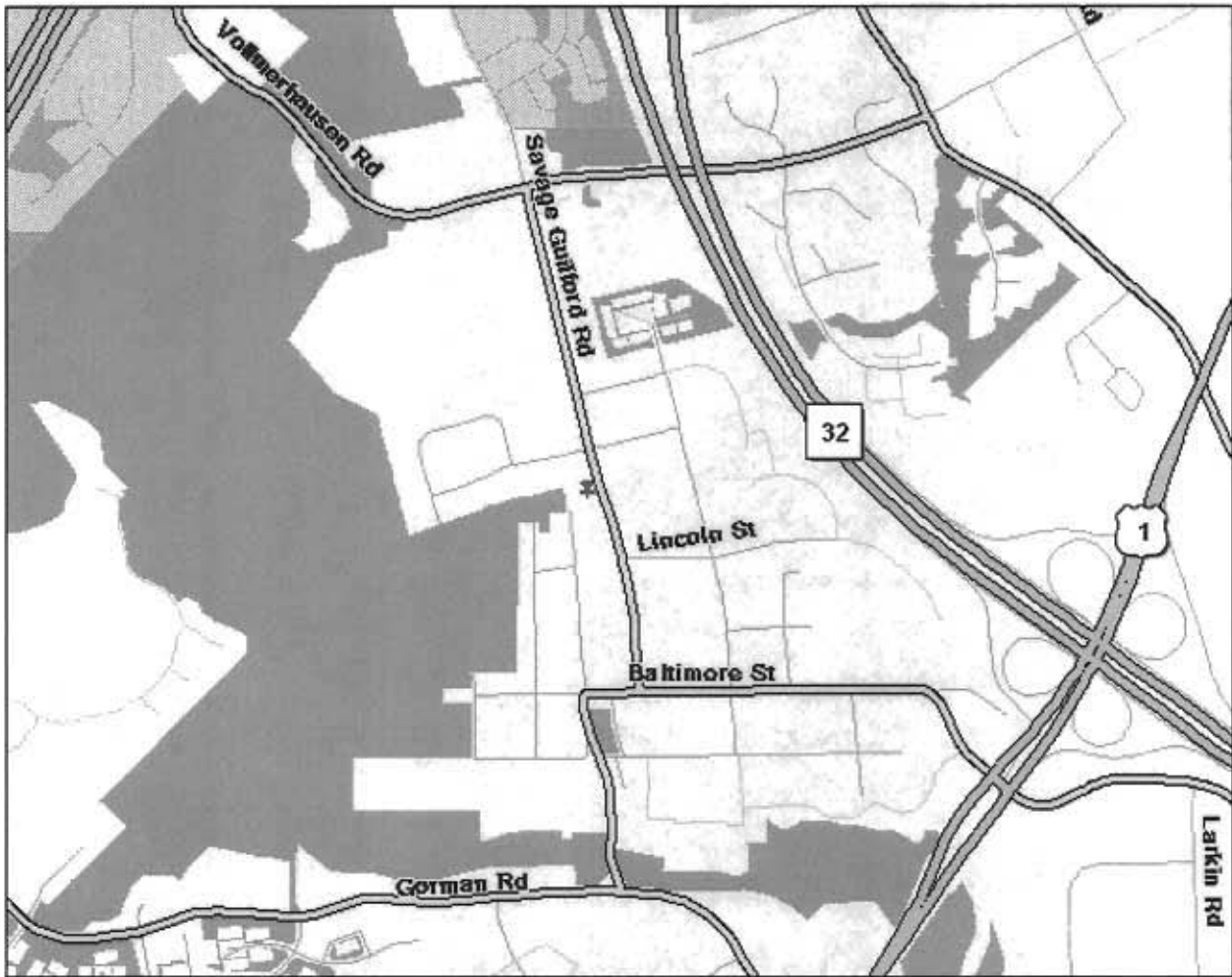
PERMIT No. 140-95-2371

70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS Grant well bottom to top.

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.





12/10/2009 11:12 6108289066

COMMUNITY PANEL NO. 240044 0043B

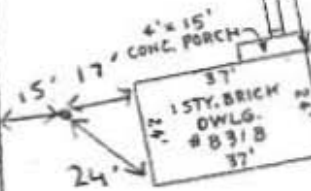
ZONE "C"

NOTE: THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD ZONE.

SAVAGE GUILFORD RD.

R=2004.77' L=79.78' CH. N15°47'32"W

262.02'



MACAOM DRIVEWAY

24' 1 STY. FRAME GARAGE

Well site spread.  
Public H<sub>2</sub>O + Sewer  
- (KW)

LOCATION SURVEY  
NO. 8318 SAVAGE GUILFORD RD.  
MAP-47 GRID-11 PARCEL 692  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MD.  
DEED REF. 3632/489

CHAIN LINK FENCE



N77°E  
CHAIN LINK FENCE

CHAIN LINK FENCE

S77°W

100.0'

N18°W



*Handwritten signature*

I HEREBY CERTIFY THAT THE LOT SHOWN HEREON HAS BEEN SURVEYED FOR THE PURPOSE OF LOCATING ALL IMPROVEMENTS ONLY. THE PLAT IS A BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING. THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY LINES OR BOUNDARIES.

DRAWN BY: G.O.S.

SURVEYED BY: J.K.

CHECKED BY: V.J.M.

SCALE: 1"=30'

DATE: 12-11-09



Eric C. Joffe MS  
State of Maryland  
Professional Land Surveyor No. 21175

15000  
15000

12  
P-  
46  
480

1" = 40'

Maryland Department of Assessments and Taxation  
Real Property Data Search (vw3.1A)  
HOWARD COUNTY

[Go Back](#)  
[View Map](#)  
[New Search](#)  
[GroundRent](#)  
[Redemption](#)  
[GroundRent](#)  
[Registration](#)

**Account Identifier:** District - 06 Account Number - 401007

**Owner Information**

**Owner Name:** SAKAKIHARA ALAN M  
BROADWATER NORMA T/C  
**Use:** RESIDENTIAL  
**Principal Residence:** YES  
**Mailing Address:** 8318 SAVAGE GUILFORD RD  
SAVAGE MD 20763-9662  
**Deed Reference:** 1) /12230/ 00385  
2)

**Location & Structure Information**

**Premises Address** 8318 SAVAGE GUILFORD RD  
SAVAGE 20763-0000  
**Legal Description** .619 A  
8318 SAVAGE GUILFORD RDS  
SAVAGE

Map	Grid	Parcel	Sub District	Subdivision	Section	Block	Lot	Assessment Area	Plat No; Plat Ref:
0047	0011	0692		0000				2	

**Special Tax Areas**  
**Town** NONE  
**Ad Valorem** 104  
**Tax Class**

Primary Structure Built	Enclosed Area	Property Land Area	County Use
1952	888 SF	26,963 SF	

Stories	Basement	Type	Exterior
1.000000	YES	STANDARD UNIT BRICK	

**Value Information**

	Base Value	Value		
		As Of	Phase-in Assessments	
		As Of	As Of	As Of
<b>Land</b>	210,880	01/01/2011	07/01/2011	07/01/2012
<b>Improvements:</b>	136,780			
<b>Total:</b>	347,660	276,300	276,300	276,300
<b>Preferential Land:</b>	0			0

**Transfer Information**

Seller:	Type:	Date:	Price:
KOCH PETER D	ARMS LENGTH IMPROVED	01/04/2010	\$274,900
		<b>Deed1:</b> /12230/ 00385	<b>Deed2:</b>
KELLY GRANT M	ARMS LENGTH IMPROVED	12/28/1995	\$149,000
		<b>Deed1:</b> /03632/ 00489	<b>Deed2:</b>
KELLY GRANT M	NON-ARMS LENGTH OTHER	07/26/1993	\$0
		<b>Deed1:</b> /02929/ 00078	<b>Deed2:</b>

**Exemption Information**

Partial Exempt Assessments	Class	07/01/2011	07/01/2012
<b>County</b>	000	0.00	
<b>State</b>	000	0.00	
<b>Municipal</b>	000	0.00	0.00

**Tax Exempt:**  
**Exempt Class:** **Special Tax Recapture:** NONE

**Homestead Application Information**

**Homestead Application Status:** Approved 06/16/2010

WSME  
09/07/12

WATER - SEWER BILLING SYSTEM  
METER INFORMATION

PAGE 1 OF 2  
10:31 AM

\* NOTES EXIST \*

ACCOUNT# 47602795

PROPERTY LOC 008318 -  
SAVAGE

CYCLE# 1

SAVAGE GUILFORD RD

BILL STATUS B BILL

BLDG#

207630000 SUBDIVISION

BOTTOM CHANGE DATE

ADC MAP NUMBER 20-B6

ORIGINAL INSTALL DATE 02/27/1978

TYPE SERVICE 1 = WATSEW

READING CHANGE DATE 00/00/0000

NUMBER OF DIALS 1

ACTUAL METER NUMBER 7729783

TYPE METER M=MASTER S=SUBMETER

ERT ID (RADIO ONLY) 21513643

PERMANENT CODE I \* RADIO \*

METER SIZE A = 5/8"

TAP SIZE =

METER MANUFACTURER B = BADGER

METER SIZE APPLIED FOR =

WATER APPLICATION # UNKNOWN

SEWER APPLICATION # PATS 55G

WATER APPLICATION DATE 04/10/1958

SEWER APPLICATION DATE 08/02/1968

APPLICATION FEE PAID \$ NONE

APPLICATION FEE PAID \$ NONE

WATER CONNECT DATE 00/00/0000

SEWER CONNECT DATE 00/00/0000

ADO #

WALKING PATTERN # 7700

WHC

SHC

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F3=MENU F4=CONSUMPTION HISTORY F5=FINANCIAL INQ F6=BILL INQ  
F7=MOVE BETWEEN FIRST AND SECOND PAGE F9=METER INFO F10=EXIT F11=NOTES

**MICHAEL BARLOW WELL DRILLING  
522 UNDERWOOD LANE  
BEL AIR, MD 21014  
410-838-6910**

Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Fax: 410-313-2648

August 20, 2012

Re: 8318 Savage Guilford Road, Savage

Dear Department of Environment:

Please note unless otherwise specified all geothermal bores installed by our company will be installed as follows:

Grout: Bentonite Grout 20% solids minimum  
Manufacture(s): Baroid or Wyo-Ben  
Will be grouted from the bottom to the top with grout material

Piping: Polyethylene SDR 11 160 PSI as recommended per IGSHPA  
Manufacture: EnDot or Charter Plastics or equal, Size 1" or 1 1/4"  
IGSHPA Certification Number 12687

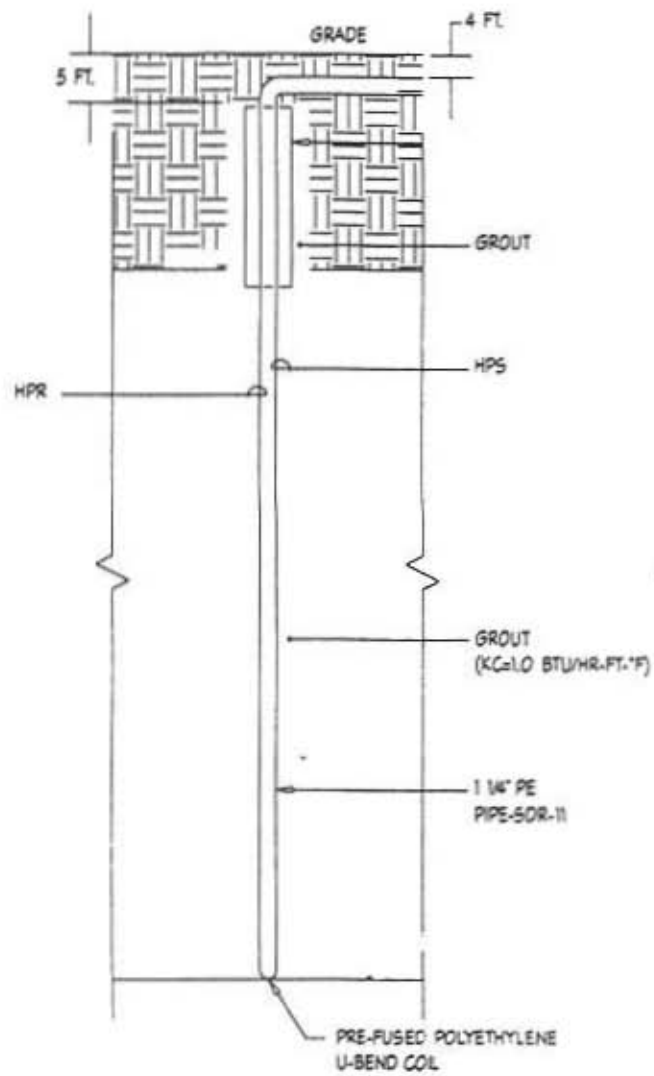
Also attached is a cross section diagram of the bore hole.

We would appreciate your help in getting this permit released as soon as possible so that we can expedite this project. If you have any questions, please do not hesitate to contact me.

Sincerely,



Michael Barlow



4
M1.00
**TYPICAL BORE HOLE DETAIL**  
 NOT TO SCALE