

C1 16304

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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)

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Overburden 0-3', Soft Brown 3'-123', Gray Rock 123'-600', Hit water 425'.

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 22 NO. OF POUNDS 2068. GALLONS OF WATER 132. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 130 ft.

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 130. 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]. DEPTH (nearest ft.) 140 130 600.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min.) 1. METHOD USED TO MEASURE PUMPING RATE watch & bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 112 ft. WHEN PUMPING 249 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) YES. 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) 1. PUMP HORSE POWER 1.5 hp. PUMP COLUMN LENGTH (nearest ft.) 580'. CASING HEIGHT (circle appropriate box and enter casing height) [4] above LAND SURFACE [] below (nearest foot) 1.

C 2

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED [Y] [N]. CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. ELECTRIC LOG OBTAINED. 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. 1 M SD 157. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). LIC. NO. 1 AWD 929.

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

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.

LATITUDE 3 9.26194 LONGITUDE 7 6.28587 (DEFAULT COORD. WGS 84)

NOTES: Property line, 113' x 112', -18'-x

B 1 16103
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type

STATE PERMIT NUMBER
HO-95-2294
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Specht
15 Last Name
Linda
20 Owner
Linda
25 First Name
12010 Hall Shop Road
36 Street or RFD
Clarksville MD 21029
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard
8 COUNTY 21
Specht's Chance
23 SUBDIVISION 42
SECTION 44 46 LOT Parcel A
Clarksville
52 NEAREST TOWN 71

DRILLER INFORMATION

Michael B. Cochran M5 D 157
76 Driller's Name 81 License No.
Hall Well Drilling
Firm Name
12047 Falls Rd. Cockeysville
Address
M.B. Cochran 5-4-12
Signature Date

B 4

SOURCES OF DRILLING WATER

1. Shop
2.
3.

12010 Hall Shop Rd.
11 STREET ADDRESS 30
ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
34 170 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 35 BLK: 19 PARCEL 279

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(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

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard (13) A37096
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 5/14/2012 Brian Baker 5/14/2012
43 MM DD YY 48 CO SIGNATURE EXP. DATE

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
- AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
- 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
 - 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 HO-81-2223⁵²

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



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

APPROP. PERMIT NUMBER - - - - - G - - - - -
PERMIT No. HO-95-2294
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
This Property is in the Radium Area

HARR WELL DRILLING

12047 FALLS ROAD

COCKEYSVILLE, MD 21030

410-252-4588

HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 05-24-12

Permit Number: HO-95-2294

Address: 12010 Hall Shop Road

Subdivision:

Owner: Lanny Specht

Election District:

Well Depth: 600 Ft

Static Water Level: 112Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 1 Gallon bucket	Calculated Flow-Gallons Per Minute
0900	112 ft	42 psi	4 sec	15.00
0915	196	30	5	12.00
0930	231	60	21	2.85
0945	243	62	46	1.30
1000	245	63	48	1.25
1015	247	64	55	1.09
1030	247	64	55	1.09
1045	247	64	55	1.09
1100	247	64	55	1.09
1115	247	63	55	1.09
1130	249	63	58	1.03
1145	249	63	58	1.03
1200	249	63	58	1.03
1215	249	63	58	1.03
1230	249	63	58	1.03
1245	249	63	58	1.03
1300	249	63	58	1.03
1315	249	63	58	1.03
1330	249	63	58	1.03
1345	249	63	58	1.03
1400	249	63	58	1.03
1415	249	63	58	1.03
1430	249	63	58	1.03
1445	249	63	58	1.03
1500	249	63	58	1.03

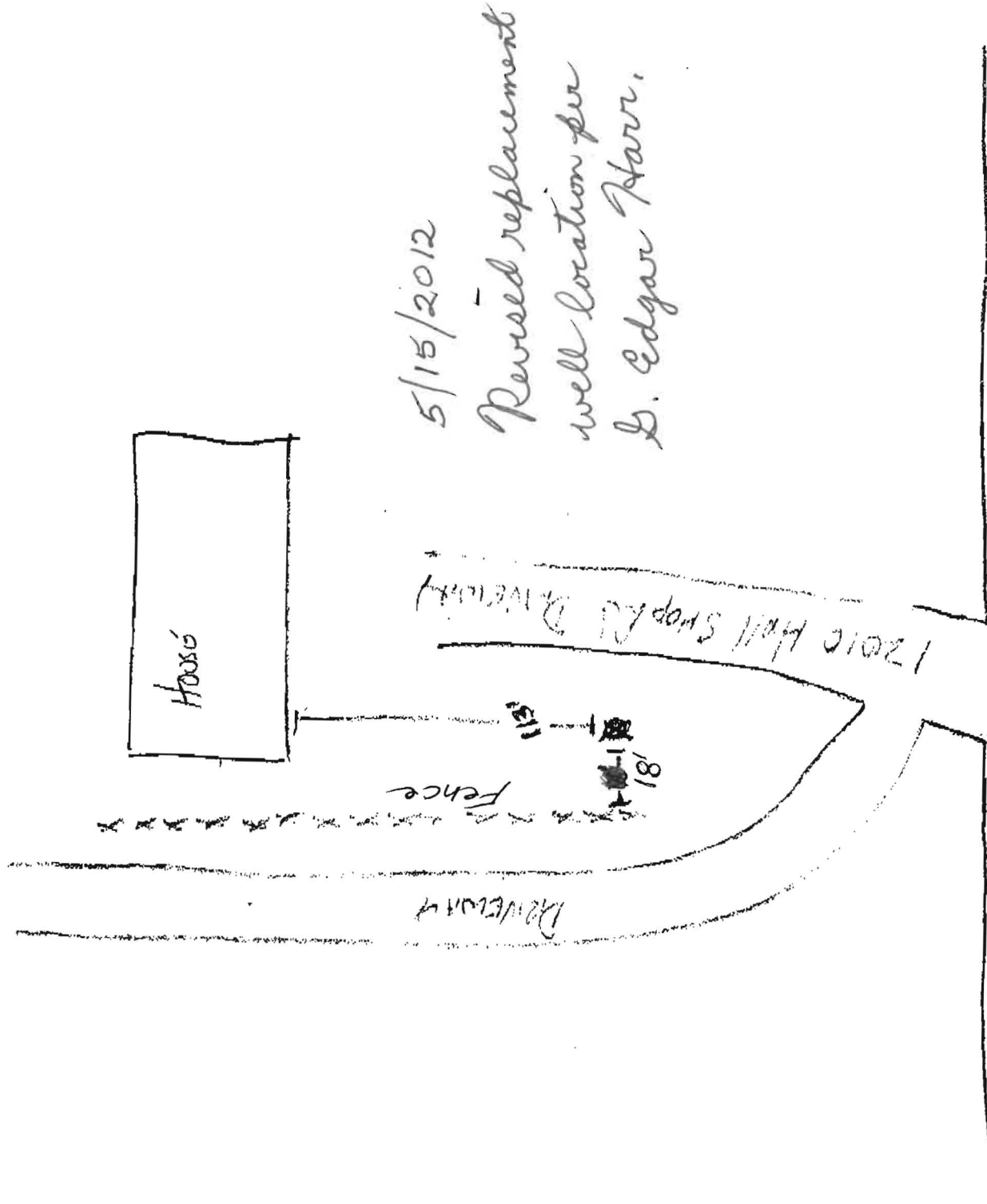
516' end-to-end



Google earth

feet
meters





5/15/2012

Revised replacement well location per S. Edgar Harr.

Belton Fax # 410-313-2648

Davis, Michael J

From: John Boris [jboris@mde.state.md.us]
Sent: Monday, June 04, 2012 8:48 PM
To: Davis, Michael J
Subject: Re:

Mike,

This is an unfortunate incident. Since there is no regulation that can suspend drilling on a neighboring property I agree with your guidance. Advising the property to owner to work with the developer and a hydrogeologist may be the only guidance that we can offer. Please keep me informed as this proceeds.

John A. Boris, Jr., R.S., Geologist
Maryland Dept. of the Environment
Wastewater Permits Program
Office: (410) 537-3678
Fax: (410) 537-3163

Visit us on Facebook: www.facebook.com/MDEEnvironment
and Twitter:
www.twitter.com/MDEEnvironment

>>> "Davis, Michael J" 05/29/12 2:39 PM >>>
Boris,

Here is a letter outlining the issue with the collapsed well on 12010 Hall Shop Road that we recently discussed. When we last spoke, you indicated that there was nothing that the Health Department or MDE could do to prove or disprove that the damage was caused by well drilling on the Blevins Property. If the property owner wanted to pursue the matter, they would need a consultant, such as hydro geologist to determine the cause. As you can see from the letter, they are still unhappy with that determination and would like the Health Department to prevent further drilling on the Bevans property. Based on the information available at this time, I do not see that there is just cause or statutory authority for the Health Department to prevent/suspend additional well drilling on the Blevins property. Do you agree?

Michael J. Davis
Assistant Director
Bureau of Environmental Health
Howard County Health Department

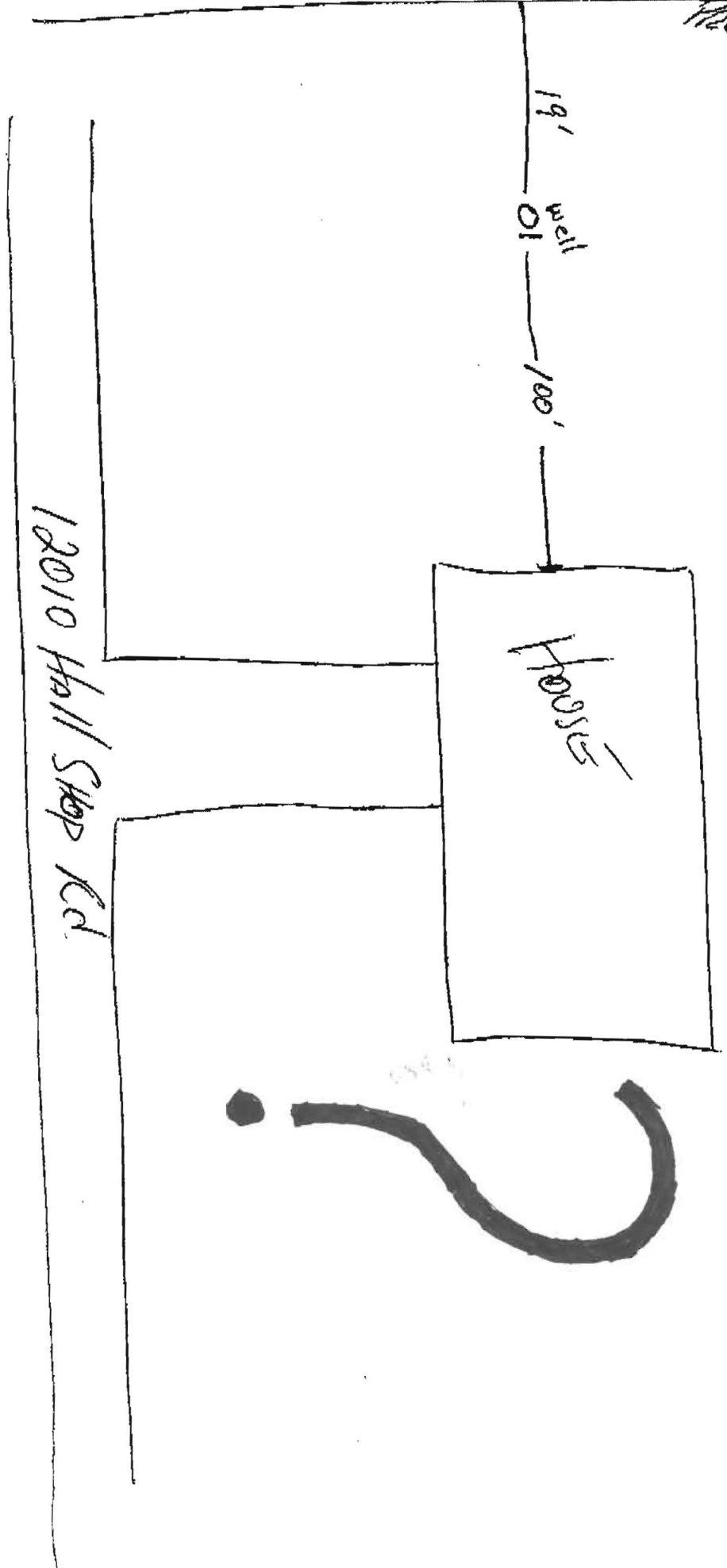
CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

The information contained in this communication may be confidential, is intended only for the use of the recipient named above, and may be legally privileged. If the reader of this message is not the intended recipient, you are hereby notified

Tax # 410-313-2648 BRIAN

Property Line



DRILLER: COMPLETE THIS APPLICATION AND RETURN ALL PARTS OF THIS FORM INTACT TO THE ENVIRONMENTAL AGENCY IN THE COUNTY IN WHICH THE WELL IS TO BE DRILLED. PRESS FIRMLY FOR FOURTH COPY.

EMERGENCY/TEMP NO. IF ANY

B 1	2375	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER Ho-95-2292 <small>fill in this form completely</small>
-----	------	--------------------------------	--	---

Date Received (APA) _____

OWNER INFORMATION

8 MM DD YY 13

15 Speck Lenny Last Name Owner First Name 34

36 12010 HALL SHOP Rd. Street or RFD 55

57 Clarksville Town 70 md State 72 21029 Zip 76

B 3 LOCATION OF WELL

8 Howard COUNTY 21

23 Spechts Chance SUBDIVISION 42

SECTION 44 46 LOT Parcel A 48 50

52 Highland NEAREST TOWN 71

DRILLER INFORMATION

76 David KELLY Driller's Name License No. 81 MWD304

Firm Name JONES WELL DRILLING INC

Address 3700 Rush Rd. Jarrettsville MD 21284

Signature David Kelly Date 5-7-12

B 4 SOURCES OF DRILLING WATER

1. 12010 HALL SHOP Rd. STREET ADDRESS 30

2. _____

3. _____

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
N
WEST W EAST E
SOUTH S

34 165' DISTANCE FROM ROAD FT 37

ENTER FT OR MI 38 39

TAX MAP: 35 BLK: 19 PARCEL 279

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 400

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

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME (13) COUNTY NO. A37096

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 5/7/2012 Brian Baker 5/7/2013

43 MM DD YY 48 CO SIGNATURE 41 EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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

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 DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

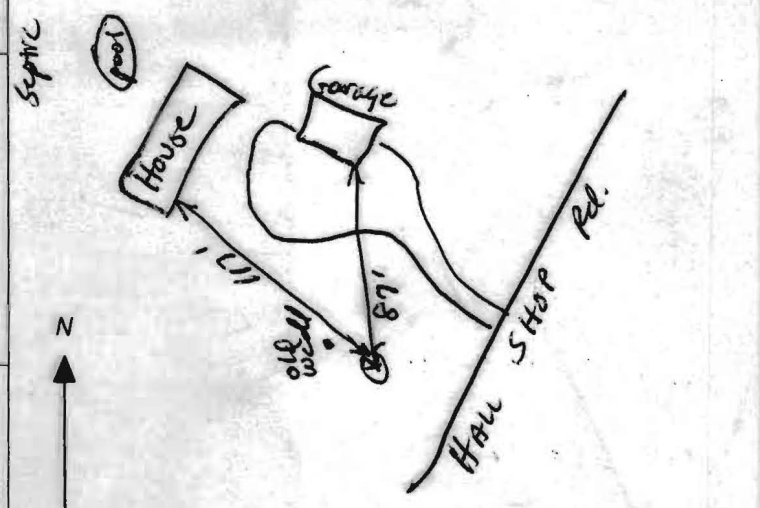
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52



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

APPROX. PERMIT NUMBER _____ G _____

PERMIT No. Ho-95-2292

70 71 72 73 74 75 76 77 78 79

G. EDGAR HARR SONS' CORP
12047 FALLS ROAD
COCKEYVILLE, MD 21030
410-252-4588 410-560-0784 FAX
www.harrwelldrilling.com

FAX COVER SHEET

OF PAGES 2 (INCLUDES COVER SHEET)

TO: BRIAN

Fax# 410-313-2648

COMMENTS: BRIAN, THE NEW WELL WILL BE 113' FROM HOUSE
AND 18' TO FENCE AND ABOUT 21' TO PROPERTY LINE.

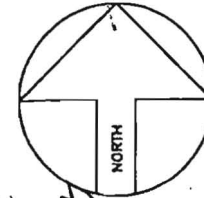
Thank You,

JIMMY

APPROVED

WALK-THRU BUILDING PERMIT
BP# 00147319 A# 37096
APP. SAN KB DATE: 4/29/04
DESC. OF WORK: Pool

PRIVATE WELL
& SEPTIC



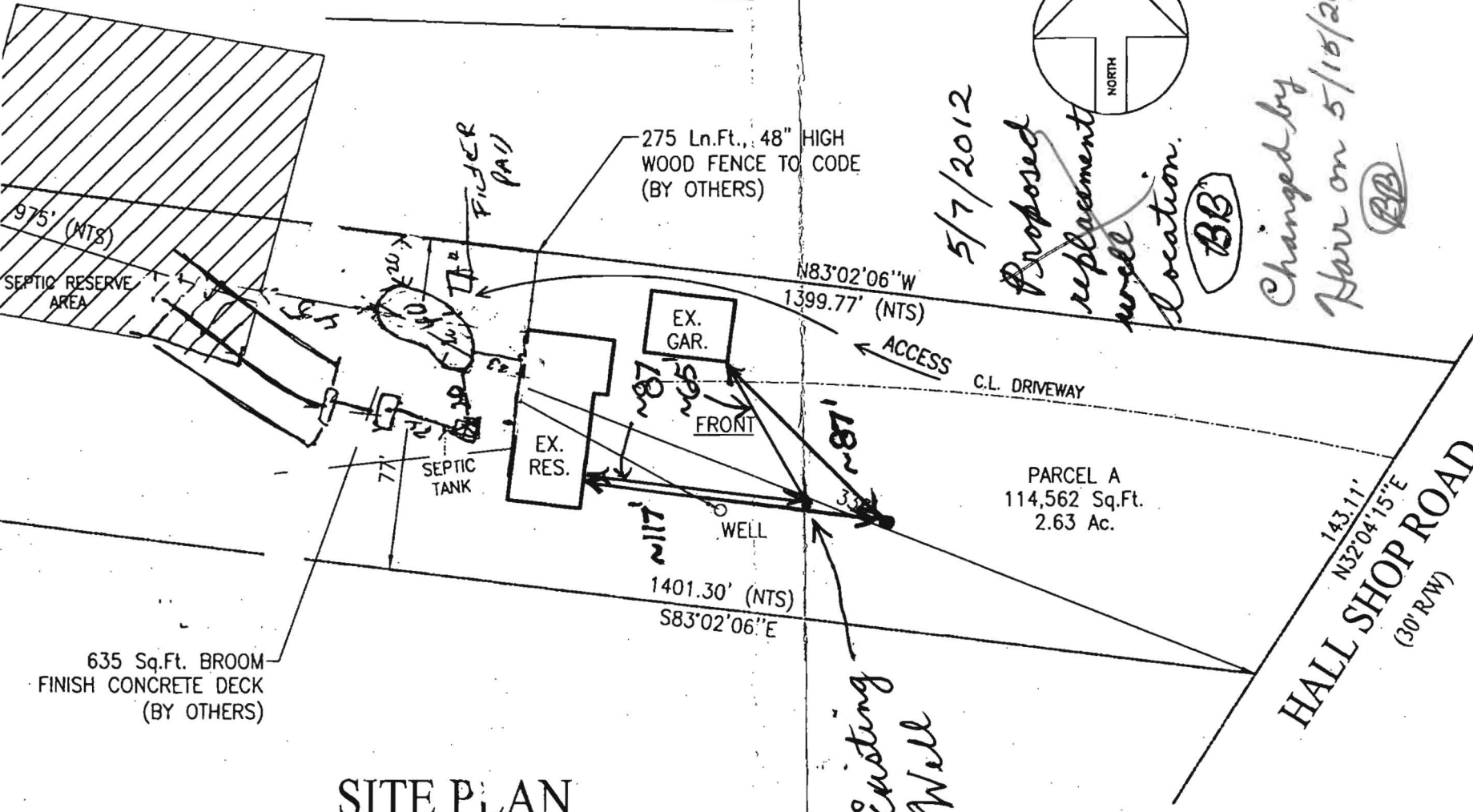
5/7/2012

*Proposed
replacement
well
location.*

BB

*Changed by
Dave on 5/18/2012*

BB



SITE PLAN

1"=60'

PARCEL A

SPECHT'S CHANCE

RRDEO
ACCOUNT #350379

- DIRT/GRADI
- S
- RAISED BE
- T
- COPI
- PLAST
- FILTER S
- CLEANING S
- TREATMENT S
- CONTROL S
- HEAT
- LIGH
- LOVESI
- AQUA BEN
- RAIL GOC
- DECKI
- FEN
- POOL COV
- CHEMIC
- OTHER ITE

ELECT

SIZE/SHA
POOL AR
TOTAL AR
PERIMET
GALLONA

RT-32 WEST TO
TURN LEFT OFF
R/T ON GUILFO
GO TO L/T ON
GO TO SITE ON

La
12
Clark

0
0

HALL SHOP ROAD
143.11'
N32°04'15"E
(30' RTW)

PARCEL A
114,562 Sq.Ft.
2.63 Ac.

*Existing
Well*

ACCESS
C.L. DRIVEWAY

1401.30' (NTS)
S83°02'06"E

N83°02'06"W
1399.77' (NTS)

275 Ln.Ft., 48" HIGH
WOOD FENCE TO CODE
(BY OTHERS)

*FINDER
PAU*

975' (NTS)

SEPTIC RESERVE
AREA

SEPTIC
TANK

EX.
RES.

EX.
GAR.

FRONT

WELL

635 Sq.Ft. BROOM
FINISH CONCRETE DECK
(BY OTHERS)



Howard County
Health Department

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

July 12, 2012

Lanny Specht
12010 Hall Shop Road
Clarksville, MD 21029

RE: **Replacement Well Issues**
12010 Hall Shop Road
Clarksville, MD 21029
Well Permit # HO-95-2294

Dear Mr. Specht:

This office is requesting that you contact the Community Services Program at (410) 313-1773 to schedule an initial water sampling for the referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). The well should be tested for bacteria, nitrates, radium and organic contaminants. The sampling is free of charge and it is to your advantage to have the testing done.

It is preferred that the sample be collected from the indoor primary drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap. However, the possibility for testing positive for bacteria increases when samples are collected from taps exposed to the outside environment.

Additionally, a condition of the well drilling permit was the proper abandonment and sealing of the old well. Sealing of the well protects the groundwater in your area from contamination and is required per COMAR 26.04.04. The well sealing process must be performed by a licensed well driller. The driller sends an abandonment/sealing report to our office and to the Maryland Department of the Environment upon completion.

If you have any questions about water sampling, please call (410) 313-1773. If you have questions about the well sealing process my number is (410) 313-2643.

Sincerely,

Brian Baker, R. S.
Well and Septic Program

cc: Community Services Program
File