

COUNTY HEALTH DEPARTMENT



CASH  
CHECK

CODES

DATE

3/21/13

WS

Received  
From

For

Eichlbergers Inc.

Will Burt 3718 Tacoma

One hundred sixty four Dollars

Received By

Janita Long

60.00

3070

SEQUENCE NO.  
(MDE USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY  
PLEASE TYPETHIS 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

MM DD YY  
8 13

DATE WELL COMPLETED

MM DD YY  
04 11 13

Depth of Well

22 295' 26  
(TO NEAREST FOOT)PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

HO-95-2506

28 29 30 31 32 33 34 35 36 37

OWNER Kris SingletonWELL SITE ADDRESS 3710 TAYLOR DR TOWN ELLICOTT CITYSUBDIVISION CLAYBURN HILLS SECTION I LOT E

## WELL LOG

93900 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR  
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use  
additional sheets if needed)

FEET

FROM TO

check  
if water  
bearing

Soil 0 6

Brown silty clay 6 32

Grey shale/sandstone 32 180

Fracture 180 181 ✓

Gray shale/sandstone 181 280 ✓

Fracture 280 280 ✓

Gray shale/sandstone 280 295

Fracture

Gray shale/sandstone

Fracture

Gray shale/sandstone

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Gray shale/sandstone

Fracture

Gray shale/sandstone

Fracture

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ BENTONITE CLAY ☒NO. OF BAGS 45 NO. OF POUNDS 45GALLONS OF WATER 200

DEPTH OF GROUT SEAL (to nearest foot)

from 6 ft. to 295 ft.

48 TOP 52 54 BOTTOM 58

(enter 0 if from surface)

casing types insert appropriate code below

ST STEEL CO CONCRETE

PL PLASTIC OT OTHER

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

60 61 63 64 66 70

OTHER CASING (if used)

diameter inch depth (feet) from to

EACH CASING

screen type or open hole

ST STEEL BR BRASS HO OPEN HOLE

PL PLASTIC OT OTHER

insert appropriate code below

C 2 DEPTH (nearest ft.)

1 2

E 8 9 11 15 17 21

A 23 24 26 30 32 36

C 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

56 60

from to

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

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 (nearest foot)

LATITUDE 3

LONGITUDE 7

(DEFAULT COORD. WGS 84)

NOTES:

2 - Geothermal bores to 295

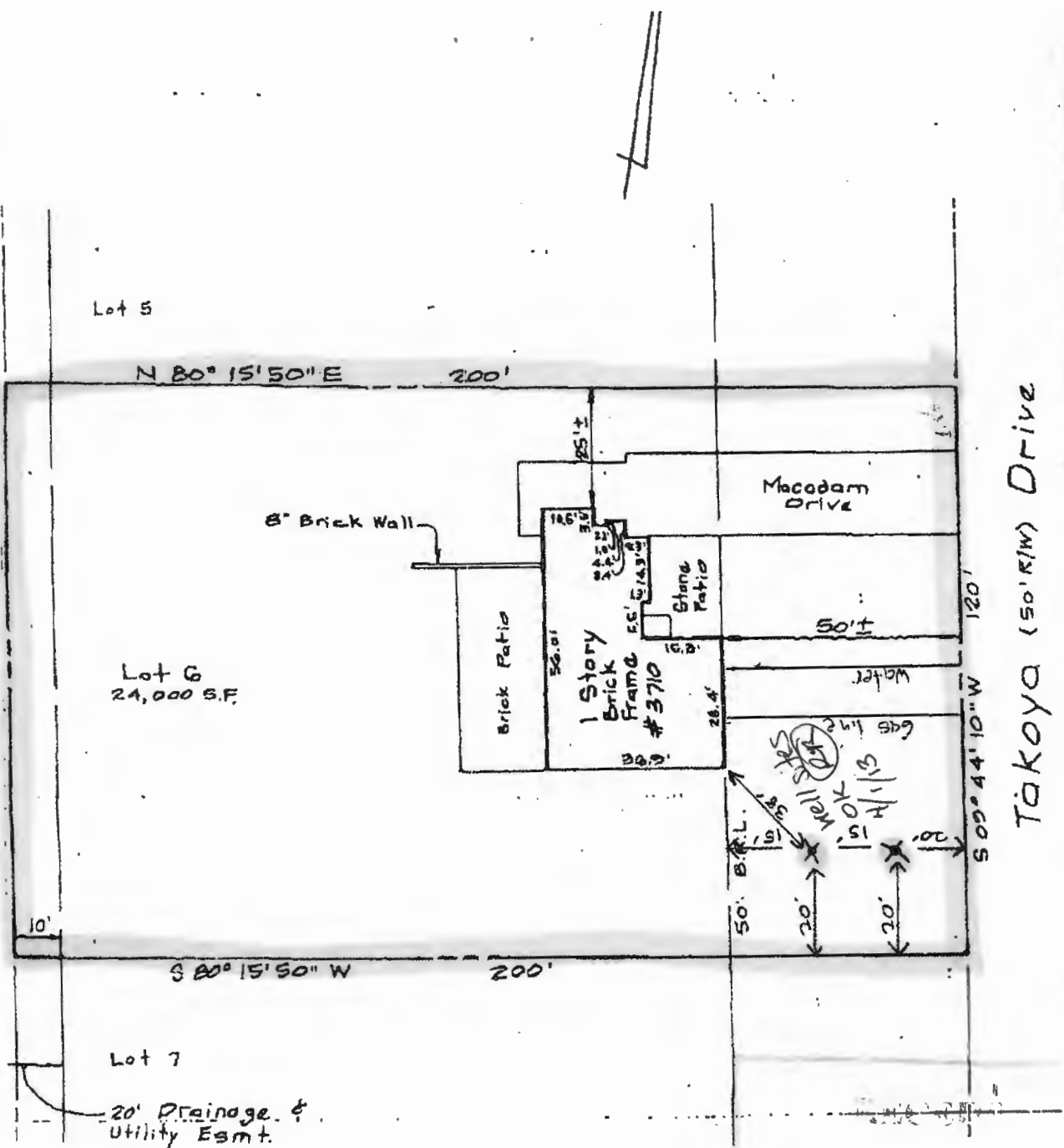
BH-1 269242 868142

N 39.269242 W 76.868142

BH 2 26 292 868083

N 39.269242 W 76.868083

<b>B 1</b> 1 2 3 4 5 6 <u>4560</u>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> <u>544570</u> please type	STATE PERMIT NUMBER <u>H0 - 95 - 2506</u> <small>70 fill in this form completely 79</small>
<b>OWNER INFORMATION</b> Date Received (APA) <u>03/21/13</u> <small>8 MM DD YY 13</small> <u>Singleton</u> <u>Kris</u> <small>15 Last Name Owner First Name 34</small> <u>3710 Takoya Dr.</u> <small>36 Street or RFD 55</small> <u>Elliott City</u> <u>MD</u> <u>21042</u> <small>57 Town 70 State 72 Zip 76</small>		<b>LOCATION OF WELL</b> <u>Howard Co.</u> <small>8 COUNTY 21</small> <u>clayburn Hills</u> <small>23 SUBDIVISION 42</small> SECTION <u>I</u> LOT <u>6</u> <small>44 46 48 50</small> <u>Elliott City MD</u> <small>52 NEAREST TOWN 71</small>	
<b>DRILLER INFORMATION</b> <u>Kevin P. Weigle</u> <u>MWD 552</u> <small>Driller's Name 76 License No. 81</small> <u>Eichelbergers Inc.</u> <small>Firm Name</small> <u>107 Texaco Rd Mechanicsburg PA 17050</u> <small>Address</small> <u>Kevin P. Weigle</u> <u>3/19/13</u> <small>Signature Date</small>		<b>SOURCES OF DRILLING WATER</b> 1. <u>Approved</u> 2. 3. <div style="text-align: center;"> <u>3710 Takoya Dr.</u>  <small>11 STREET ADDRESS 30</small>  <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b>  <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;">             NORTH N WEST W SOUTH S EAST E           </div> <div style="margin: 0 10px;">             34 <u>20</u> 37              DISTANCE FROM ROAD              ENTER FT OR MI 38 39           </div> </div> </div>	
<b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.) <u>8</u> <u>12</u> <small>1 2</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>14</u> <u>20</u>		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <u>Howard</u> <u>13</u> <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → _____ <small>DATE ISSUED 41</small> <u>04/01/2013</u> <u>K. B. B.</u> <u>4/1/14</u> <small>43 MM DD YY 48 CO SIGNATURE EXP. DATE</small>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> OPEN LOOP GEOTHERMAL <input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL <u>2 boreholes</u>		<b>PROPOSED LOCATION OF WELL ON LOT</b> SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL 	
APPROXIMATE DEPTH OF WELL <u>295'</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>6"</u> INCH <small>NEAREST INCH</small>		(Diagram area continues)	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) _____ JETTED _____ Jetted & DRIVEN _____ AIR-ROTary _____ AIR-PERCussion _____ ROTARY (Hydraulic Rotary) _____ CABLE _____ REVERSE-ROTary _____ Drive-POINT _____ other _____			
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52 _____			
<b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b> APPROP. PERMIT NUMBER _____ <u>G</u> _____ PERMIT No. <u>H0 - 95 - 2506</u> <small>70 71 72 73 74 75 76 77 78 79</small>			
<b>SPECIAL CONDITIONS</b> <small>NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small> <u>Wells must be grouted from bottom to top</u>			



APR 01 2013

LOCATION DRAWING

CERTIFICATION	SEAL	SCALE: 1"=30'	DATE: 10-26-98
<p>I certify that I have surveyed property known as:</p> <p><u># 3710 Takoya Drive</u></p> <p>Information shown has been established by acceptable survey procedures and available record information. This drawing is to be used for Title Transfer Financing, or Easement Only and IS NOT to be used for establishment of Property Lines, Location of Structures, Garages, Buildings, or other Improvements or Future Improvements.</p>		<p><b>LDE Inc.</b>            9250 Rumsey Road Suite 106            Columbia, Maryland 21045</p> <p>(410) 715-1070 (Balt.)            (301) 596-3424 (Wash.)            (410) 715-9540 (Fax)</p>	

## Rappaport, Ryan

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**From:** Tom Stothoff [TStothoff@eichelbergers.com]  
**Sent:** Thursday, September 19, 2013 12:30 PM  
**To:** Rappaport, Ryan  
**Subject:** Takoya Dr.

Hi Ryan,

I checked out the completion report and you are correct the numbers are off a little. It should be 30 bags benseal = 1500lbs.

600 gallons of water give or take about 15 gals.

In a 6" bore hole and a 1 inch loop we typically can get anywhere for 20-25 feet per batch of benseal ( 1 bag to 24 gals) depending upon formation and if we started w/ an 8" top hole to run casing.

Let me know if you have any questions. Sorry for any inconvenience for you and thanks for calling me before MDE.

Thank You

Tom

Thomas K. Stothoff

Project Manager

107 Texaco Rd. Mechanicsburg, PA 17050

Phone 717-766-4800 x3108 - Fax 717-691-6068

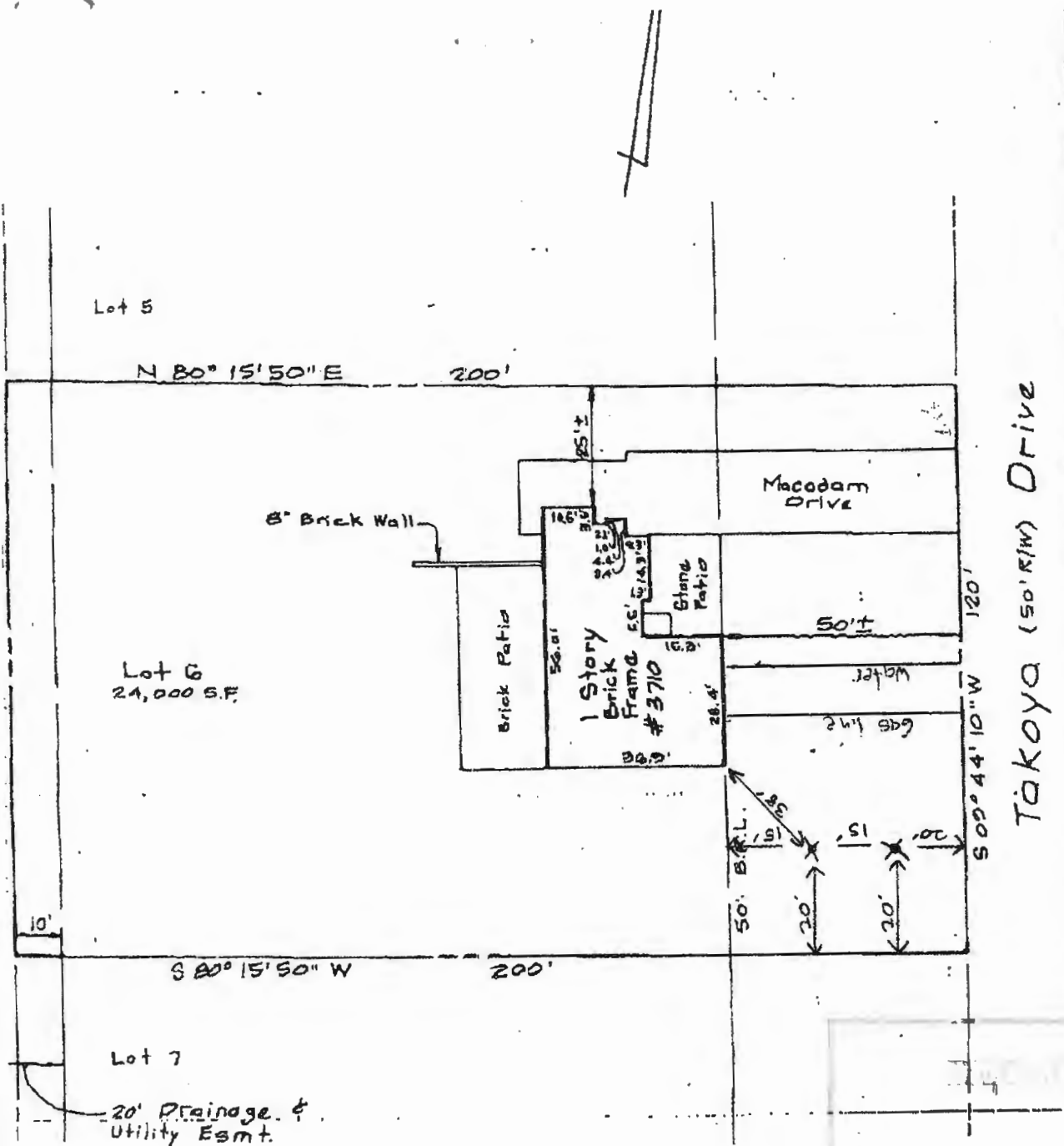
Email [Tstothoff@Eichelbergers.com](mailto:Tstothoff@Eichelbergers.com)



**RECEIVED**

**SEP 19 2013**

**HOWARD COUNTY HEALTH DEPT.  
COMMUNITY HYGIENE PROGRAM**



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### SEAL



### SCALE: 1"=30'

### DATE: 10-26-92

**LDE Inc.**

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