

C1 6064  
 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**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 02 DD 22 YY 12  
 DATE WELL COMPLETED MM 1 DD 25 YY 12  
 Depth of Well 22 460 26  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 2/29/2012 40-95-2222  
 O.K. (BB)

OWNER SMITH DAVID  
 STREET OR RFD 3338 BRANTLY RD TOWN Glenwood  
 SUBDIVISION BRANTLY SECTION LOT 8

**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)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Clay	2	8	
Brown Mica	8	60	✓
Gray Mica	60	86	
Brown Mica	86	88	✓
Gray Mica	88	190	
opening	190	171	✓
Gray Mica	171	460	

Installed with backfill

**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 24 NO. OF POUNDS 552  
 GALLONS OF WATER 720  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 460 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 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)  
 ST 6 70  
 60 61 63 64 66 70

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0  
 WELL HYDROFRACTURED  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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MW D 040  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. 1 JS D 038  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

**C 2** DEPTH (nearest ft.)

1	110	68	460
E A C H	8 9 11	15 17	21
S	23 24 26	30 32	36
R E E	38 39 41	45 47	51
N	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  
 (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  
 - below } 2 (nearest foot)  
 49 50 51

**LOCATION OF WELL ON LOT**  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
 39.277514 55  
 77.007994 56  
 505555 08:31

B 1 2327  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please type

STATE PERMIT NUMBER

HO-95-2222  
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

12047

8 MM DD YY 13

15 Last Name David Smith Owner First Name 34

36 3338 Brantly Road Street or RFD 55

57 Glenwood Md 21738 Town 70 State 72 Zip 76

DRILLER INFORMATION

Driller's Name George F. Easterday MW D 040 License No. 76 81

Firm Name L. Franklin Easterday, Inc.

Address 9265 Brown Church Rd., MT. Airy, Md. 21771

Signature George F. Easterday Date 11/1/2011

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)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL Cloud Loop

APPROXIMATE DEPTH OF WELL 450 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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEIN AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER G

PERMIT No. HO-95-2222

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3

LOCATION OF WELL

8 COUNTY Howard 21 CC#

23 SUBDIVISION Brantly 42

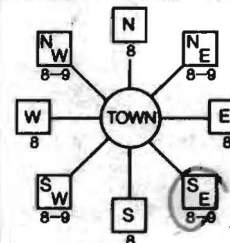
SECTION A LOT 8

52 NEAREST TOWN Glenwood 71

MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 (3338) Brantly Road NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 60 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 21 BLK: 6 PARCEL 185

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME (13) P519626A COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_ 41

DATE ISSUED 11/16/2012 CO SIGNATURE Brian Baker EXP. DATE

NORTH GRID 526 000 EAST GRID 798 000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

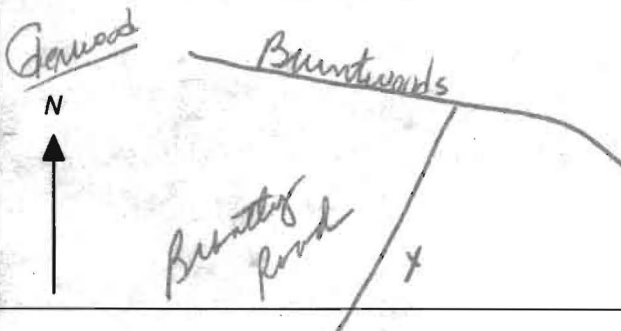
SOURCES OF DRILLING WATER

- 1.
2. wells
3. (X)

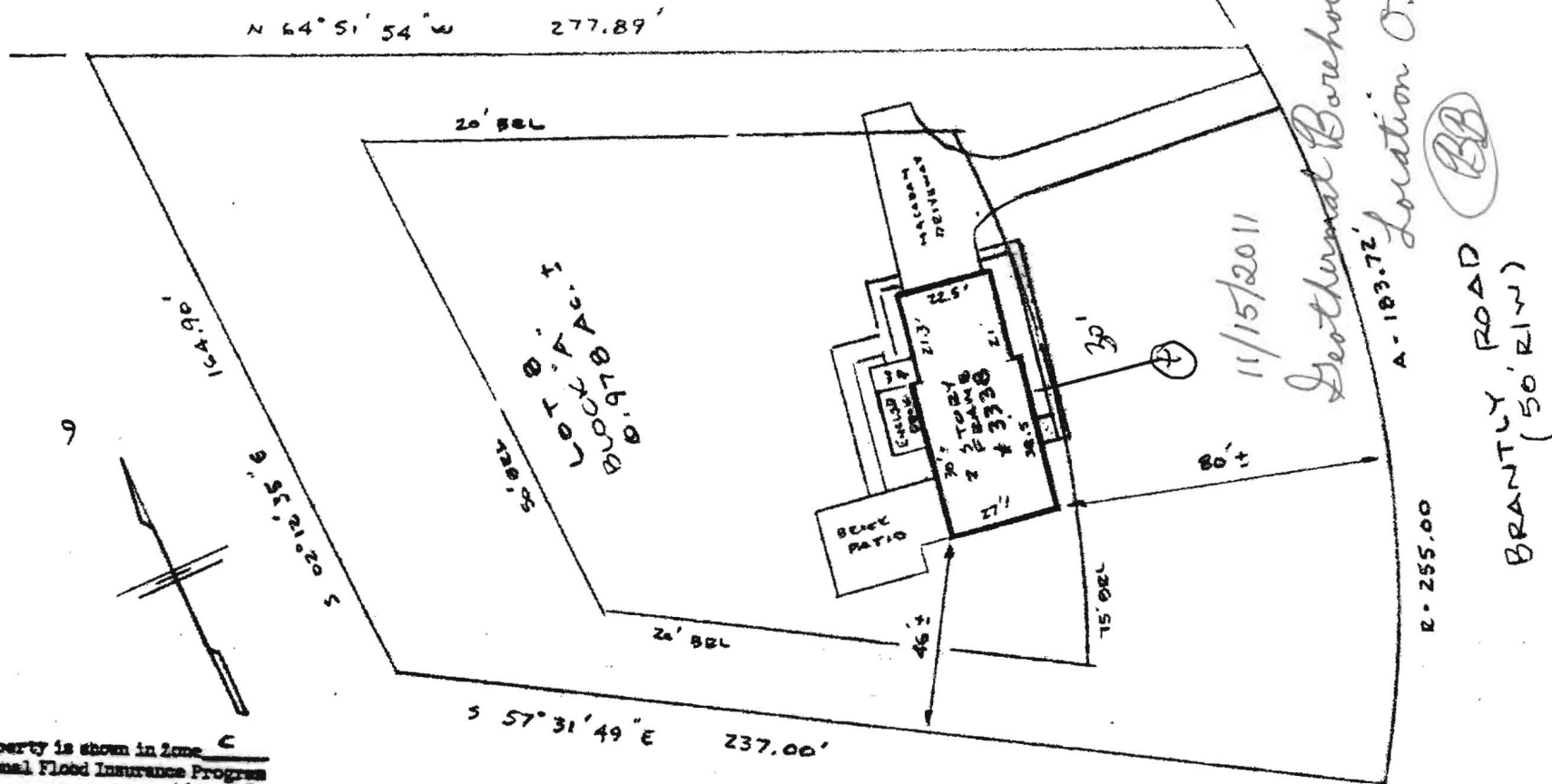
WRITE THE BOX NUMBER FROM THE MAP HERE

E 798 N 526

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



9E7



Subject property is shown in Zone C  
 on the National Flood Insurance Program  
 Flood Insurance Rate Map of HOWARD  
 County, Maryland. Panel # 200P-45  
 Community Panel # 240044-00208  
 Effective Date: DEC. 4, 1986

This is to certify that I have surveyed the property  
 known as LOT 8, BLOCK 'A'  
3338 BRANTLY ROAD  
 sheet of recorded PLAT NO. 3805 among the  
 Land Records of HOWARD County, Maryland for the  
 purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE  
 CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS  
 NOT TO BE USED TO ESTABLISH PROPERTY LINES.

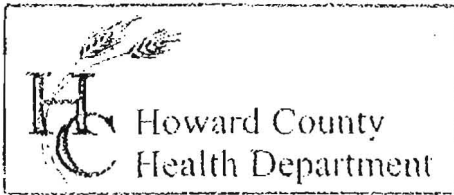


J. Carl Hudgins PLS#96

LOCATION SURVEY  
 3338 BRANTLY ROAD  
 BRANTLY  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MD.

NTT ASSOCIATES, INC.  
 16205 Old Frederick Road  
 Mt. Airy, Maryland 21771  
 Phone 442-2031

Scale	1" = 40'
Date	FEB 5, 1993
Field By	<i>JH</i>
Drawn By	<i>JH</i>
Drawing #	X18199



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by owner / driller,  
(professional land surveyor or company employing professional land surveyors)  
on 8/31/11 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

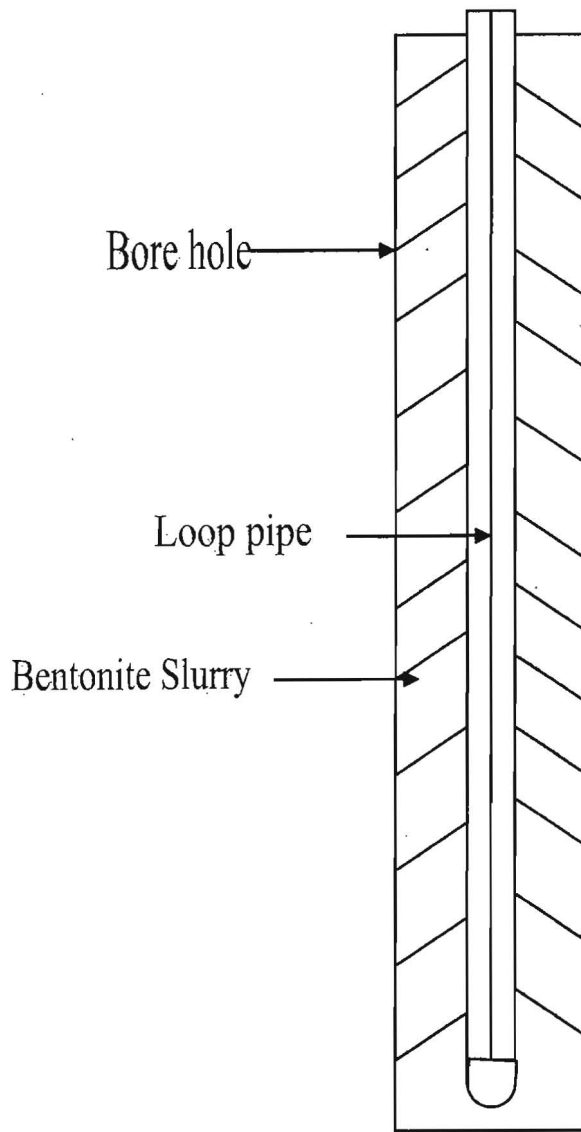
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

DAVID Smith  
DIANE DEERING  
3338 BRANTLY ROAD  
410-489-9585

# GEOHERMAL WELL DESIGN

L. FRANKLIN EASTERDAY, INC



Owner DAVID Smith

Location 3338 BRANTLY Rd

Number of wells 1

Depth 450 Loop Size 1/4

Grout Material-----Bentonite Slurry from bottom to G.L.