

C1 31266 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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/GO USE ONLY DATE Received MM DD YY 12 22 13

DATE WELL COMPLETED MM DD YY 12 1 16

Depth of Well 22 375 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 12/27/16 SC Hb - 15 - 0348

OWNER Sieracki/Pacnani Jeffrey/Arti WELL SITE ADDRESS 2012 Sanner Rd TOWN Clarksville SECTION LOT 2

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sand stone, and gray gneiss.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 1000

CASING RECORD MAIN CASING TYPE PL Nominal diameter top (main) casing 6 Total depth of main casing 20

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

SCREEN RECORD screen type or open hole (ST) (BR) (HO) (PL) (OT) DEPTH (nearest ft.)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MWDS 72 DRILLERS SIGNATURE

LIC. NO. WED 064

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

PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)

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

LATITUDE 39.129948 LONGITUDE 76.900982 (DEFAULT COORD. WGS 84)

NOTES:

B 1	SEQUENCE NO. (MDE USE ONLY) 46446	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 559830	STATE PERMIT NUMBER HO-15-0348 <small>70 fill in this form completely 79</small>
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Date Received (APA)
11/16/16

OWNER INFORMATION

8 MM DD YY 18
Sieracki/Parwani Jeffrey/Arthi

15 Last Name Owner First Name 34

36 Street or RFD 55
7012 Sanner Rd

57 Town 70 State 72 Zip 76
Clarksville MD 21029

B 3 LOCATION OF WELL

Howard

8 COUNTY 21

23 SUBDIVISION 42

SECTION 44 46 LOT **2** 48 50

52 NEAREST TOWN 71
Clarksville

DRILLER INFORMATION

Samuel A. Connelly M W D 572

Driller's Name 76 License No. 81

Connelly + Associates, Inc

Firm Name

2102 Interstate Ct. Frederick MD 21704

Address

Samuel A. Connelly 11-4-16

Signature Date

B 4 SOURCES OF DRILLING WATER

1. **Private**

2.

3.

7012 Sanner Rd SW

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 **300** 37
DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: **41** BLK: **4** PARCEL **371**

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)

22 I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

O OPEN LOOP GEOTHERMAL

C CLOSED LOOP GEOTHERMAL **3 bores**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S → 41

DATE ISSUED **11/15/16** CO SIGNATURE **Sub. Call: 11/15/17** EXP. DATE

43 MM DD YY 48

APPROXIMATE DEPTH OF WELL **375** FEET

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)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

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

39 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 DEEPEM AN EXISTING WELL

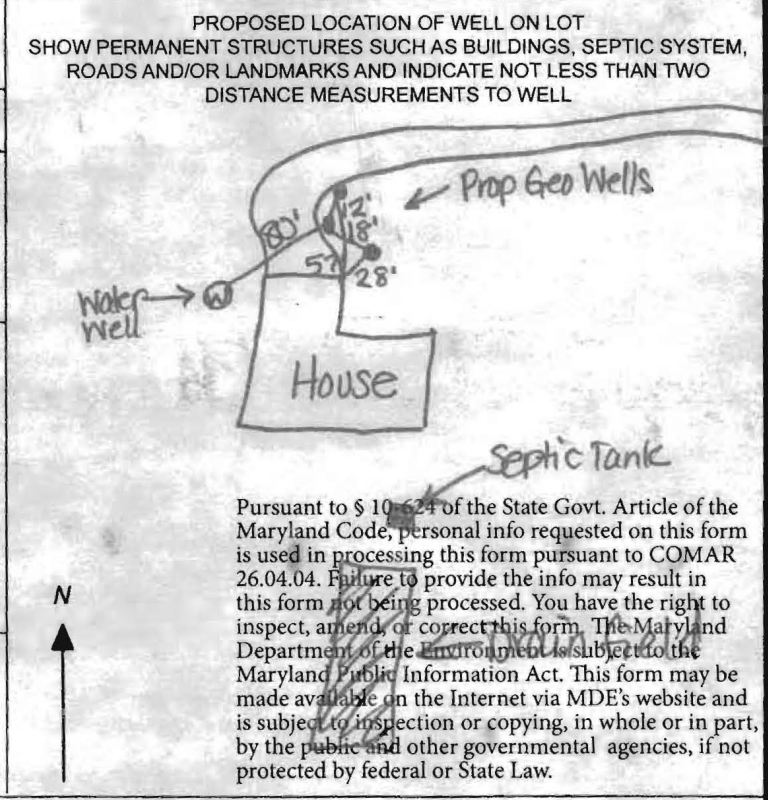
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROX. PERMIT NUMBER **G**

PERMIT No. **HO-15-0348**

70 71 72 73 74 75 76 77 78 79









DO NOT REMOVE THIS TAG.
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER

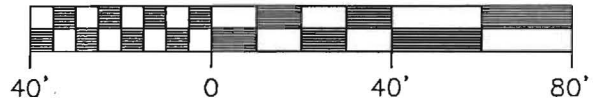
HO-15-0348

INFORMATION-GIVE NUMBER AND WRITE
 1800 WASHINGTON BLVD
 BALTIMORE MARYLAND. 21230

L E G E N D

-  PROPOSED GEOTHERMAL WELL LOCATION
-  APPROXIMATE DOMESTIC WATER WELL LOCATION
-  APPROXIMATE SEPTIC TANK LOCATION
-  APPROXIMATE DRAIN FIELD LOCATION

GRAPHICAL SCALE



*Well sites approved
 11/15/16 sc*

P:\Geothermal\2016 Projects\Supreme Air\Sieracki Residence\Documents\Proposed Geothermal Well Location Plan



260 Interstate Court (301) 696-8820
 Frederick, Maryland 21704 (301) 696-0327 fax

SIERACKI RESIDENCE
 7012 SANNER ROAD, CLARKSVILLE, MARYLAND

PROPOSED GEOTHERMAL WELL
 LOCATION PLAN

Scale:
 AS SHOWN

Fig.

Date:
 NOV. 2016

Drawn By:
 J.A.

Checked By:
 E.S.

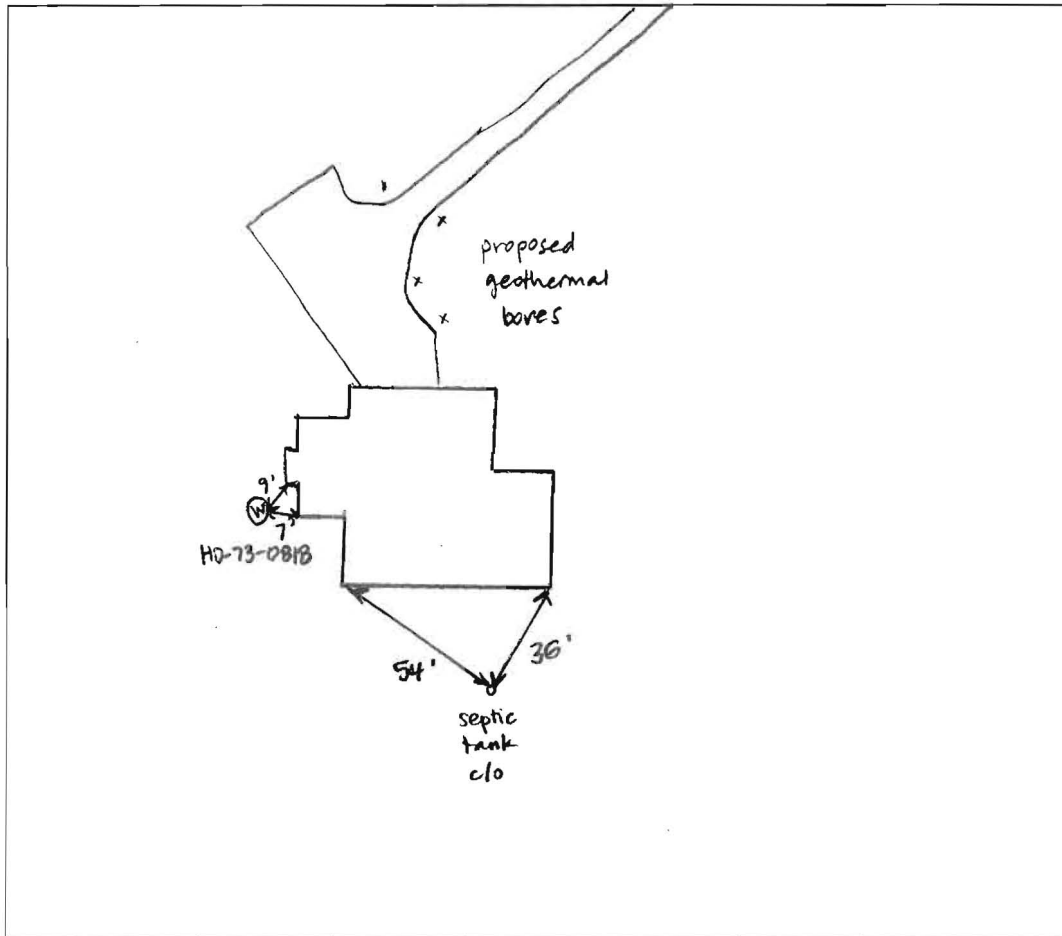
Project No.:
 00000

1

SITE INSPECTION SHEET

OWNER: Sieracki PHONE #: _____
ADDRESS: 7012 Sanner Rd. CONTRACTOR: Connelly
WELL TAG #: _____
SUBDIVISION: _____ LOT: _____ COUNTY #: _____
PROPOSAL: Drill 3 geothermal wells

LOCATION DIAGRAM



COMMENTS: Geothermal well locations meet all setbacks. Located
potable well and septic tank during site visit.

DATE: 11/14/16 INSPECTOR: Sarah Collins