

C1 46110

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 455 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho-15-0280

OWNER Chutkan Scott WELL SITE ADDRESS 7311 Meadow wood way TOWN Clarksville

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Silty Sand, Gray mica Schist, Brown mica Schist, Gray mica Schist.

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

CASING RECORD casing types insert appropriate code below

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 72

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

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) HO 70 455

Table with columns: A, C, H, S, R, E, N. Rows for casing height measurements.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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 WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 WHEN PUMPING 22 25

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

LATITUDE 39.179787 LONGITUDE 76.915649 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed.

DRILLERS LIC. NO. MWD 572 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. WR 0064 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

B 1	SEQUENCE NO. (MDE USE ONLY) 46378	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 558781	STATE PERMIT NUMBER HD -15 - 0280 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

Date Received (APA) 8/15/16
8 MM DD YY 13

Chutika Scott + Susan
15 Last Name Owner First Name 34

7311 Meadow Wood Way
36 Street or RFD 55

Clarksville MD 21029
57 Town 70 State 72 Zip 76

LOCATION OF WELL

Howard
8 COUNTY 21

Simpson Woods
23 SUBDIVISION 42

SECTION 44 46 LOT 9
44 46 48 50

Clarksville
52 NEAREST TOWN 71

DRILLER INFORMATION

Samuel A. Connelly M WD 572
Driller's Name 76 License No. 81

Connelly + Associates, Inc.
Firm Name

260 Interstate Ct, Frederick, MD 21704
Address

Samuel A. Connelly 7/5/16
Signature Date

SOURCES OF DRILLING WATER

1. Private

2. _____

3. _____

7311 Meadow Wood Way
11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

2405
34 DISTANCE FROM ROAD 37

ENTER FT OR MI FT
38 39

TAX MAP: 41 BLK: 2 PARCEL 430

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
1 2

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20
1 2

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 3 bores

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → _____
DATE ISSUED 41

7/18/16 [Signature] 7/18/17
43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 455 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 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

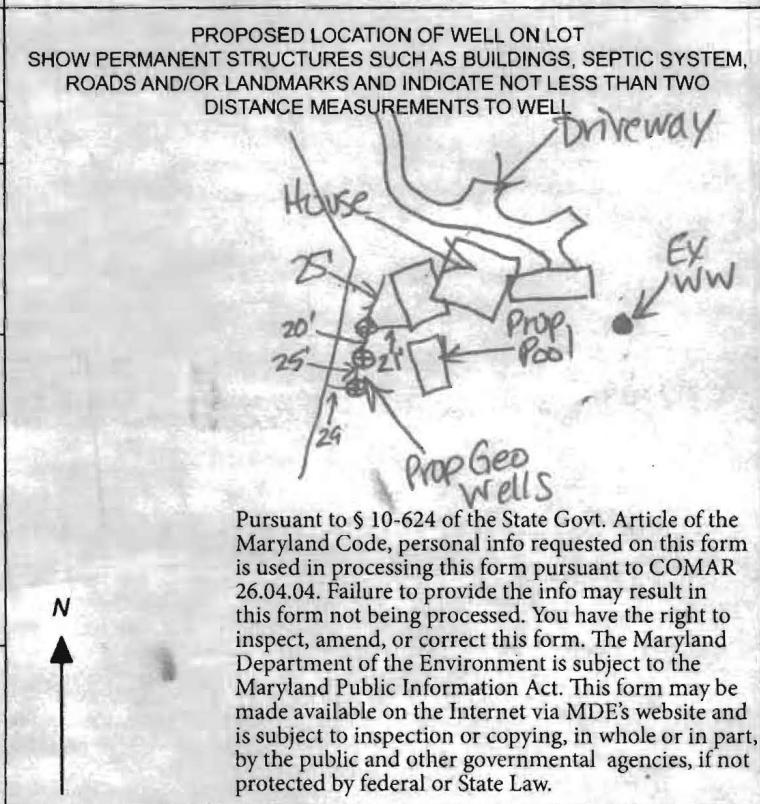
THIS WELL WILL DEEPEIN AN EXISTING WELL

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 _____

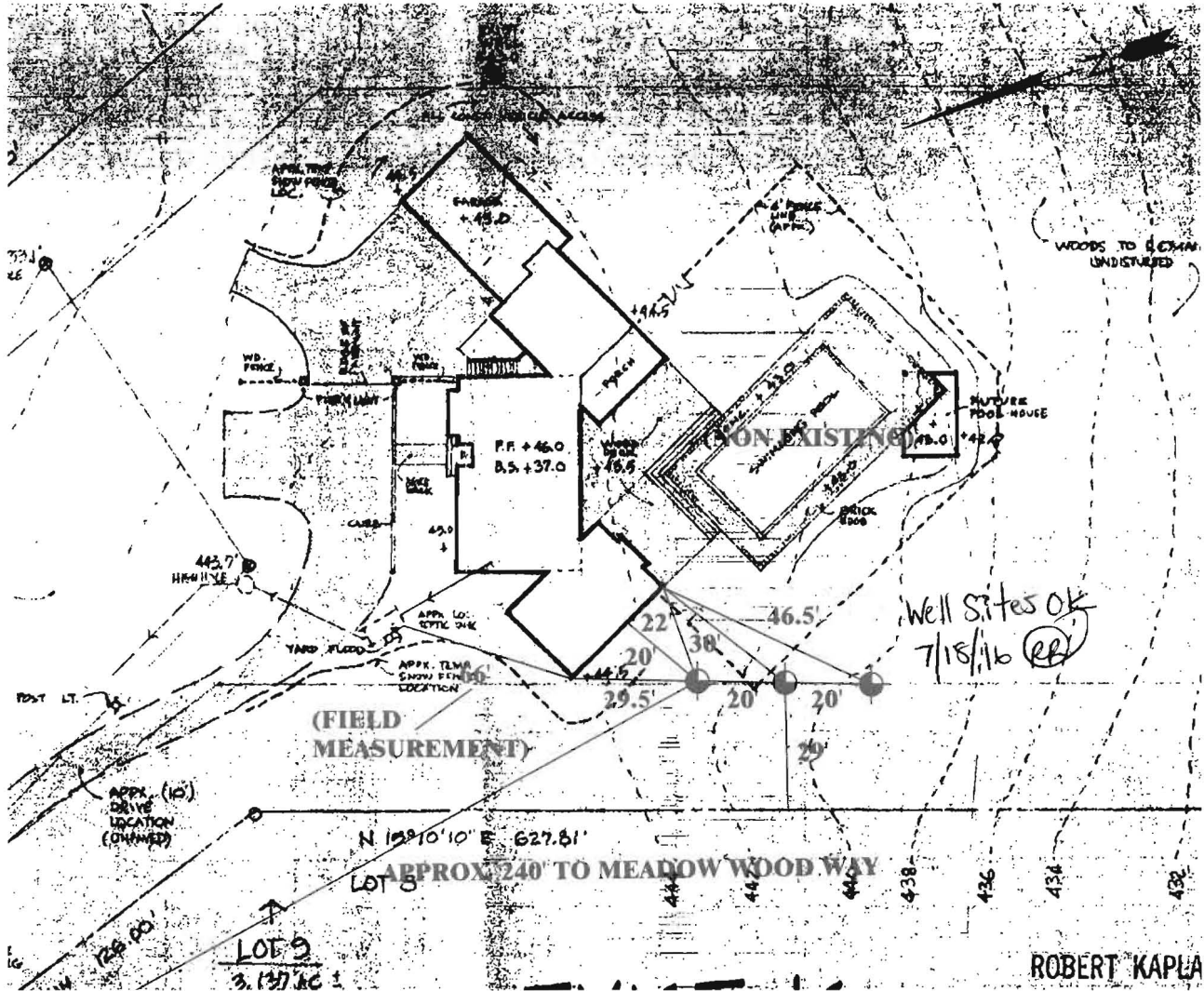
PERMIT No. HD -15 - 0280
70 71 72 73 74 75 76 77 78 79






SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

wells must be grouted from bottom to top.



L E G E N D

-  PROPOSED GEOTHERMAL WELL LOCATION
-  APPROXIMATE DOMESTIC WELL LOCATION
-  APPROXIMATE SANITARY WATER HOUSE CONNECTION

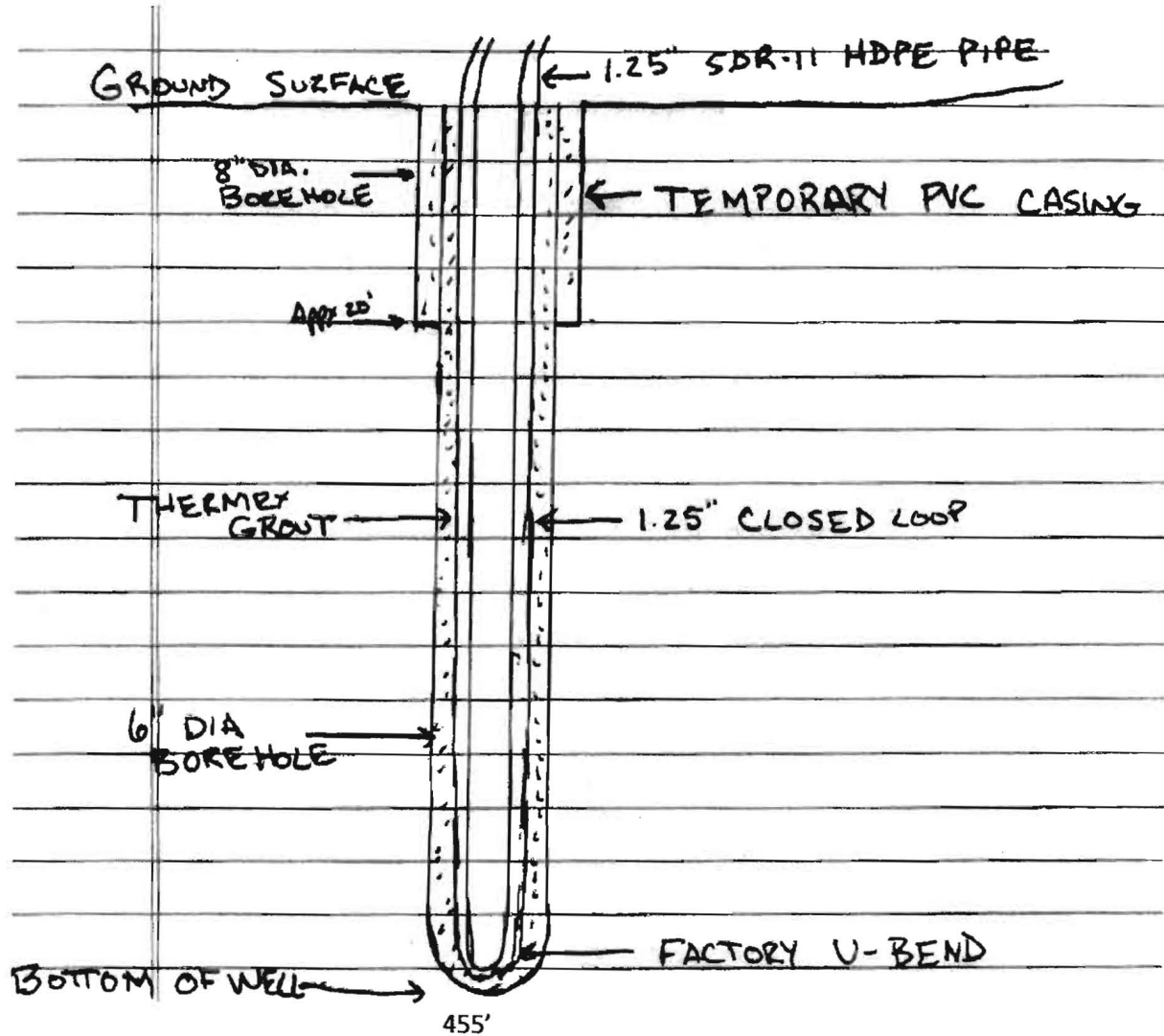
GRAPHICAL SCALE



c:\Users\jopri\CONNELLY\Desktop\Offline 2016\Water\Chutka Residence\Documents\Proposed Geothermal Well Location Plan.dwg

CHUTKA RESIDENCE 7311 MEADOW WOOD WAY, CLARKSVILLE, MARYLAND			
PROPOSED GEOTHERMAL WELL LOCATION PLAN		Scale: AS SHOWN	Fig. 1
Date: JULY 2016	Drawn By: J.A.	Checked By: E.S.	Project No.: 00000
260 Interstate Court Frederick, Maryland 21704		(301) 696-8820 (301) 696-0327 fax	

Geothermal Closed Loop – 7311 Meadow Wood Way, Clarksville, MD



Grout information for this property is as follows:

Thermex grout mixture of 50 lb. grout to 19 gallons water, placed in the well using the tremie method, from bottom to top.

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
7/26/16 7/27/16	On site during drilling. Connelly just started drilling bore farther
	from house. Casing not yet set. (SC)