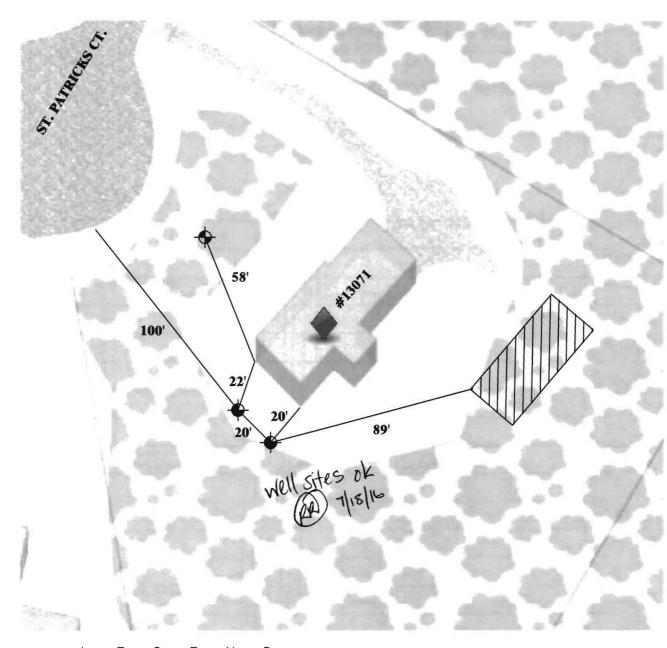
C1 41943	SEQUENCE NO. (MDE USE ONLY)			STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.		
1 2 3 6 (THIS NUMBER IS TO BE PU IN COLS. 3-6 ON ALL CARD				FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER		
ST/CO USE ONLY DATE Received MM OD YY 8 13		TE WELL	-	22 320' 26	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40 - /5 - 02 79 28 29 30 31 32 33 34 35 36 37		
OWNER	30 77		0	atricks court first name TOWN His	th kingl		
WELL SITE ADDRESS		Sair	EStad	IOWN	LOT 86		
WELL LOG Not required for driven wells				GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) (Circle Appropriate Box)	C 3		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)		
DESCRIPTION (Use additional sheets if needed)	FEET check if water bearing		if water	NO. OF BAGS NO. OF POUNDS 7506	PUMPING RATE (gal. per min.)		
disp 56.1.	D'	1		GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE		
Mica brown	1	70'	/	from 48 TOP 52 ft. to 320 ft. ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)	WATER LEVEL (distance from land surface)		
Moist	70'	50'	/	casing types insert ST CO	BEFORE PUMPING 17 20 ft.		
Weatwed Rock Bed Rock		20.1	/	appropriate code below PLASTIC OTHER	WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test)		
Schist gray	20,	320'	,	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	A air P piston T turbine		
				TYPE (nearest inch)! (nearest foot) 60 61 63 64 66 70	C centrifugal R rotary O (describe below) J jet S submersible		
H 12/2				E OTHER CASING (if used) A diameter depth (feet) I inch from to	27 27 27		
				C	DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)		
Installed	115.0			screen type SCREEN RECORD	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED		
1,25 x 320'				or open hole ST BR HO OPEN	PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY:		
HOPE - U-Bene	/			appropriate code below BRONZE HOLE O T OTHER	(to nearest gallon) 31 35		
NUMBER OF UNSUCCESSE	UL WELI	-S:	0	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)		
WELL HYDROFRACTURED		yes Y	N)	E 1 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box		
CIRCLE APPROP A WELL WAS ABANDON WHEN THIS WELL WAS	ED AND	SEALED		C 2 23 24 26 30 32 36 S	+ above LAND SURFACE below (nearest)		
E ELECTRIC LOG OBTAINS P TEST WELL CONVERTE WELL	ED			C 3 R 38 39 41 45 47 51 E E SLOT SIZE 1 2 3	LATITUDE 3 9. 182024 (#1)		
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.					LONGITUDE 7 6. 9 695 44 (DEFAULT COORD. WGS 84) Pursuant to \$10-624 of the State Govt. Article of		
DRILLERS LIC. NO. 1 M W D 572 1 DRILLERS SIGNATURE				the Maryand Code personal info. requested on this form is used in processing this form pursuan to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this			
(MUST MATCH SIGNATURE ON APPLICATION)				MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q Form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and subject to inspection or copying, in whole or in			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				TELESCOPE LOG TAY 75 76 CASING INDICATOR OTHER DATA	part, by the pulic and other governmental agencies, if not protected by federal or state law.		
MDE/WMA/PER.071	1			COUNTY			

B 1	SEQUENCE NO. (MDE USE ONLY)	STATE OF	MARYLAND	STATE PERMI	1 NUMBER
46373	(MIDE OSE OIVET)		ERMIT TO DRILL WELL	HO - 15	- 0279
1 2 3 6		pleas	e type	70 fill in this form	completely 79
Date Received (APA)			B 3	LOCATION OF WELL	
8 MM DD YY 13 15 Last Name	OWNER INFO	First Name 34	B COUNTY 23 SUBDIVISION SECTION 44 46	LOT	42
57 Town	70 State	72 70 76	HIAVIAN	1	
Driller's Name Firm Name Address	. Connelly	72 Zip 76 M W D 572 16 License No. 81 COCK UD 21704	52 NEAREST TOWN B 4 SOURCES OF DRILLING WATER 1. 2. 3.	ON WHICH SIDE OF ICIRCLE APPROPRIA	ROAD NORTH
Signature	Co.Como	Date		34	37 900H
(GAL. F AVERAGE DAILY QUANT!	X. PUMPING RATE - PER MIN.) TY NEEDED	8 12		DISTANCE FE ENTE	ROM ROAD 38 39 39 PARCEL SALES
(GAL. PER DAY)	14 R WATER (CIRCLE AF	PPROPRIATE BOX	NOT TO BE FILLED IN BY DRILLER		
	ABLE SUPPLY & RESIDE		HEALTH	DEPARTMENT APPR	
F FARMING (LIVES IRRIGATION)	STOCK WATERING & AG	RICULTURAL	COUNTY NAME		COUNTY NO.
	DMMERCIAL, DEWATER	ING	STATE		
P PUBLIC WATER	SUPPLY WELL		SIGNATURE DATE ISSUED	0 0 1	SERT S 41
	TION, MONITORING		7 18 10	A-KST	7/18/17
O OPEN LOOP GE			43 MM DD YY 48	CO SIGNATURE	I EXP. DATE
C CLOSED LOOP O	SEOTHERWAL	2 ges hoves			
APPROXIMATE DEPTH OF	F WELL 1320) FEET 28	SHOW PERMANENT STRU ROADS AND/OR LAND	ED LOCATION OF WELL OF ICTURES SUCH AS BUILDII MARKS AND INDICATE NO CE MEASUREMENTS TO W	NGS, SEPTIC SYSTEM, T LESS THAN TWO
APPROXIMATE DIAMETER	R OF WELL	NEAREST INCH	St lamous	CE WEASOREMENTS TO W	, CLL
BORED (or Augered) AIR-ROTary	JETTED AIR-PERcussion EVerse-ROTary	Jetted & <u>DRIVEN</u> ROTARY (Hydraulic Rotary) <u>DRive-POINT</u>	Coor	Well Jobs J	MD
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED			20'88'8 85' Service		
AS A STANDBY-CO FOR POLICY ON S' THIS WELL WILL D PERMIT NUMBER OF WE (IF AVAILABLE) 41	EEPEN AN EXISTING WELL TO BE REPLACED CO	/FILL DR DEEPENED - 52	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. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in par		
1 2 3	PERMIT No. HO	- 15 -D279	by th	ne public and other govern	mental agencies, if not
CDECIAL CONDITIONS	70 71	72 73 74 75 76 77 78 79	prote	ected by federal or State La	
SPECIAL CONDITIONS) U D LISE SEPARATE SHEET (E NEEDED.	Wells must be	grasted from 1	cotom to tob.	●





PROPOSED GEOTHERMAL WELL LOCATION



APPROXIMATE DOMESTIC WELL LOCATION



APPROXIMATE DRAINAGE FIELD LOCATION

GRAPHICAL SCALE



Connelly Genthermal Partnering with Mother Earth

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

GILLEN RESIDENCE 13071 ST. PATRICKS CT., HIGHLAND, MARYLAND

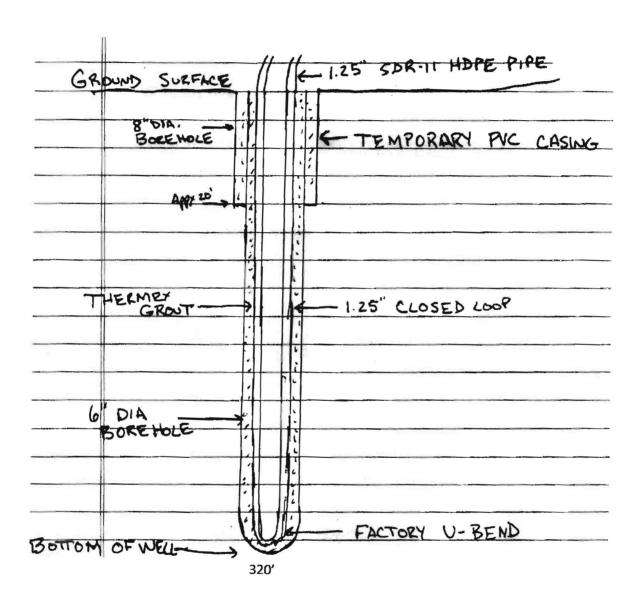
PROPOSED GEOTHERMAL WELL Scale: Fig. LOCATION PLAN AS SHOWN Project No.: Drawn By: Checked By: Date: JUNE 2016 00000 J.A. E.S.

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
6 13/16	· site visit - Wells have been staked both sites are not at
	least 20' away from the house. There is also an UST
	in the middle of the two stakes. I spoke to the driller
	who stated that it was going to be removed Removal
	requires room a MDE permit. I informed driller that the
	2 well sites need to be at least 20' away from
	the foundation and I requested a copy of the
	MDE permit for the OJT removal.
	Purificance to the south of the
	THE REPORT OF THE PARTY OF THE



Geothermal Closed Loop - 13071 St. Patricks Court, Highland, MD 20777



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.

Residential Commercial

RCFS, Inc.

3228 Sudath Lane Jarrettsville, Md

21084

Fueling Systems.

410.692.9117 tax

410.692.9108 Mike Gillen 13071 St. Patricks Ct. Highland, MD 20777 301-741-0512.

Reference: Heating oil tank

July 15, 2016

Mr. Gillen:

RCFS, Inc. is pleased to inform you that the removal of one, UST has been completed (14 July 2016) by a MDE Certified Tank Technician (#0082). Complying with MDE / NFPA regs as applicable to the requirements. The UST was a 1000-gallon single wall storage tank, with slight visible signs of damage to tank surface. Adjacent soils at tank contact, showed NO evidence of spillage or seapage from the UST. Two soil samples were extracted, approx. 2 ft below tank bottom, soils showed NO visible signs and odors of fuel oil. The UST excavation was of normal excavations with an UST.

MDE Inspections were not conducted at time of tank removal, nor required.

The excavation was backfilled, with native soils. Additional backfill is required to reach original grade, to be performed by others.

The UST (980 lbs) has been rendered useless and recycled through the local scrap yard, Harford County recyclers. See Scan of disposal receipt, attached.

Further actions regarding the UST are not expected, and considered permanently closed, per MDE criteria, provided the soil sample analytical results???? indicate no reportable quanityies of petroleum contaminates present.

Payment has been received

Thomas W. Over MDE Tech. # 2015-0082T

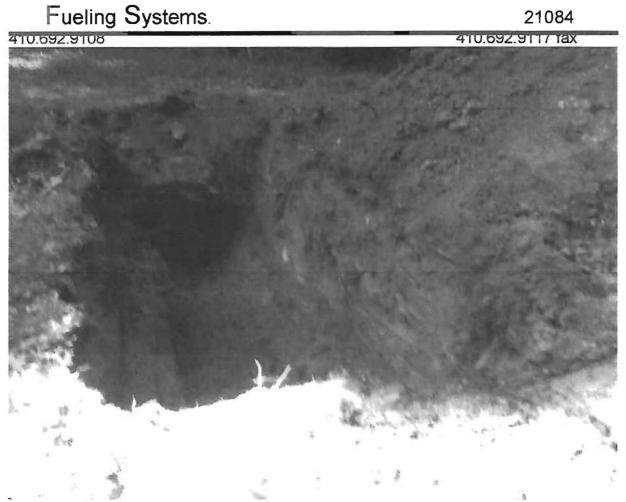
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JUL 15 2016

Residential Commercial

RCFS, Inc.

3228 Sudath Lane Jarrettsville, Md 21084



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RCFS, Inc.

3228 Sudath Lane Jarrettsville, Md 21084

410.692.9108

410.692.9117 tax

Martini County Auto Parks
2610 Cm Gwreign Road
Canavar - ME 21154
211 457-5656

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JUL 15 2016

