c1 51122	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 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER	
ST/CO OSE ONLY	DATE WELL COM	PLETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"	
DATE Received	MM DO 25	20 09/42/ 20122 500 26	HO-17-0142	
8 13	15	20 Galler 1 Application	28 29 30 31 32 33 34 35 36 37	
OWNER_	15 ordine	Christine.		
WELL SITE ADDRESS	last parts 14-19	LA KIOJE VLORD TOWN LA	W/21	
SUBDIVISION_0000		SECTION	LOT /	
WELL Not required for	Color	WELL HAS BEEN GROUTED YES NO	C 3	
STATE THE KIND OF FORMAT		(Circle Appropriate Box)	PUMPING TEST	
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 to bearing	CEMENT CM BENTONITE CLAY B C	8 9	
TAD SAIT	0 2	NO. OF BAGS NO. OF POUNDS 7700	PUMPING RATE (gal. per min.)	
100 2011	11.	GALLONS OF WATER	METHOD USED TO	
Brown Sandy Sitt	2 40	DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE	
- 1	40 48	from 48 TOP 52 ft. to 54 BOTTOM 58 ft.	WATER LEVEL (distance from land surface)	
Brown Sandy sitt	90 70	(enter 0 if from surface) Casing CASING RECORD	BEFORE PUMPING	
Gray Sandy	100	/ bynas	17 20	
d Sandy	48 500	insert appropriate STEEL CONCRETE	WHEN PUMPING 22 25 ft.	
orey mica		code / DII OIT	TYPE OF PUMP USED (for test)	
		below PLASTIC OTHER		
		MAIN Nominal diameter Total depth CASING top (main) casing of main casing	27 27 27	
		CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe	
		PL 6 56	27 27 below)	
		60 61 63 64 66 70	J jet S submersible	
		E OTHER CASING (if used) A diameter depth (feet)	27 27	
		H inch from to	DIMP INCTALLED	
			PUMP INSTALLED DRILLER INSTALLED PUMP YES NO	
		5-2	(CIRCLE) (YES or NO)	
		Ĝ	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
		screen type SCREEN RECORD	TYPE OF PUMP INSTALLED	
		or open hole ST BR HO insert STEEL BRASS OPEN	PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29.	
			CAPACITY:	
No.		code DI OTT	GALLONS PER MINUTE (to nearest gallon) 31 35	
		below PLASTIC OTHER	PUMP HORSE POWER	
		C 2 DEPTH (nearest ft.)	37 41	
NUMBER OF UNSUCCESSE	UL WELLS:	1 2	PUMP COLUMN LENGTH (nearest ft.)	
	yes no	E HO 56 500	CASING HEIGHT (circle appropriate box	
WELL HYDROFRACTURED	Y	A 8 9 11 15 17 21 C .	and enter casing height)	
CIRCLE APPROP		H 2 23 24 26 30 32 36	49 LAND SURFACE	
A A WELL WAS ABANDON! WHEN THIS WELL WAS		S C 3	below 2 (nearest)	
E ELECTRIC LOG OBTAINE		R 38 39 41 45 47 51	49 foot)	
P TEST WELL CONVERTED	TO PRODUCTION	E E SLOT SIZE 1 2 3	LATITUDE 39.118728	
I HEREBY CERTIFY THAT THIS WEL ACCORDANCE WITH COMAR 26.04.0		N The state of the	LONGITUDE 7 6. A 66.198	
IN CONFORMANCE WITH ALL CONI CAPTIONED PERMIT, AND THAT T	DITIONS STATED IN THE ABOVE	OF SCREEN INCH)	(DEFAULT COORD, WGS 84)	
HEREIN IS ACCURATE AND COM KNOWLEDGE.	IPLETE TO THE BEST OF M	56 60 from to	Pursuant to \$10-624 of the State Govt. Article of	
DRILLERS LIC. NO. 1 N	14n577		the Maryand Code personal info. requested on	
DRILLERS LIC. NO. 1	7	GRAVEL PACK F WELL DRILLED	this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info.	
DRILLERS SIGNATURE	Courses	WAS FLOWING WELL INSERT F IN BOX 68 68	may result in this form not being processed. You have the right to inspect, amend, or correct this	
(MUST MATCH SIGNATURE OF		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	form. The Maryland Department of the	
LIC.NO.1	U CO 0 0 9 .	T (E.R.O.S.) W Q	Environment is subject to the Maryland Public Information Act. This form may be made	
UM	5	70 72	available on the Internet via MDE's website and is	
SITE SUPERVISOR (sign. of	driller or journeyman	74 75 76	subject to inspection or copying, in whole or in part, by the pulic and other governmental	
responsible for sitework if diff		TELESCOPE LOG CASING INDICATOR OTHER DATA	agencies, if not protected by federal or state law.	

COUNTY

MDE/WMA/PER.071

В	1	SEQUENCE NO.	STATE OF	MARYLAND	STATE PERMIT NUMBER
	46497	(MDE USE ONLY)	APPLICATION FOR PL		1 10-17-0142
3	Committee of the Commit			e type	70 70
_	2 3 6				fill in this form completely
	Date Received (APA)			B 3	LOCATION OF WELL
	8 MM DD YY 13	OWNER INFO	RMATION	1 Howar	
	2	1	h== 109 125	8 COUNTY	21
	15 Last Name	Owner	First Name 34	1 0000	
	10 ITT IL	(1 9.1 6	riist Name 34	23 SUBDIVISION	42
71	36 10155 HT		oud	-	
	36	/ Street or RFD	55	SECTION 44 46	LOT 48 50
-	- Sevie	A Part of the second	20123	1000	
_	57 Town	The same of the sa	72 Zip 76	52 NEAREST TOWN	71
3	DRILLER INFORM	ATION			
	1 Samuel Con		MWD 572	61.1	
	Driller's Name	7	6 License No. 81	B 4	
	(Connesty + 1	associates,	Inc.	SOURCES OF DRILLING WATER	10155 High Ridge Rde
	Firm Name	and the second		1. 4 Noule	11 STREET ADDRESS 30
-4	1513 Tileo Di	Frederick.	MD 21704 1	2-	ON WHICH SIDE OF ROAD NORTH
10-7	Address	0 00		Poil	(CIRCLE APPROPRIATE BOX)
1	Samel ali	Comulles	5/23/17	HOMO	WEST CHEAST
134	Signature		Date	20/2017	34 33 37 SOTH
В					DISTANCE FROM ROAD
1		OX. PUMPING RATE — PER MIN.)	8 12	-cet it wild	ENTER FT OR MI 38 39
	AVERAGE DAILY QUANTI				TAX MAP: 0047 BLK: PARCEL 0568
	(GAL. PER DAY)	14	20		TAX WAY: SELE BEN PAROLE
-	USE FOI	R WATER ICIRCLE AP	PROPRIATE BOX)		O BE FILLED IN BY DRILLER
		ABLE SUPPLY & RESIDE	NTIAL	HEALT	TH DEPARTMENT APPROVAL
1	IRRIGATION			11	
3		STOCK WATERING & AG	RICULTURAL	HOWARD	COUNTY NO
æ	IRRIGATION)	MUSCOLL DEMUTED		COUNTY NAME STATE	COUNTY NO.
22	The second second	OMMERCIAL, DEWATERI	NG	SIGNATURE	INSERT S
	P PUBLIC WATER		1	DATE ISSUED /	7000
		TION, MONITORING	1 ×500	L()+//4//7	07/14/18
100	O OPEN LOOP GE		1 /2 -	43 MM / 00 / 44 48	CO SIGNATURE () EXP. DATE
A S	C CLOSED LOOP	GEOTHERMAL	The same was	DNU: 03/20/26D	Day: 43/4(C)
30					ACED LOCATION CENTER ON LOT
	100000000000000000000000000000000000000	- FA	D. Leer		SED LOCATION OF WELL ON LOT RUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM,
	APPROXIMATE DEPTH O	F WELL 24	28 FEET		IDMARKS AND INDICATE NOT LESS THAN TWO
	APPROXIMATE DIAMETE	n or West	NEAREST	DISTA	NCE MEASUREMENTS TO WELL
	APPHOXIMATE DIAMETE	H OF WELL	INCH	FIZY 17 D	The MEASUREMENTS TO WELL HIGH CIOCHE DO 181 151
	ME	THOD OF DRILLING	(circle one)		- Invested A P.
10	BORED (or Augered)	JETTED	Jetted & DRIVEN	-380 anly 1.	1 3 WELL 118' 10c
30		AIR-PERcussion	ROTARY (Hydraulic Rotary)		A VIEW YEAR
37	The state of the s		The state of the s	call on for	The west will be copied to
-		EVerse-ROTary	DRIVE-POINT	dient touchon	11 / 20 7
_	other			10	/ loin /
	REPLA	CEMENT OR DEEPE		725/17/1	(10155) 25
C	N THIS WELL WILL N	(CIRCLE APPROPRIATE			TO LAN
1		OT REPLACE AN EXIST		-quart,	Foundation
	THIS WELL WILL R	EPLACE A WELL THAT	WILL BE	15 and 160/50161	PROPERTY
		EPLACE A WELL THAT	WILL BE LICED	12 900	LINE.
39		INTACT LOCAL APPROV		batch 30 wolfen	rsuant to § 10-624 of the State Govt. Article of the
-	FOR POLICY ON S				aryland Code, personal info requested on this form
	Control of the Contro	EEPEN AN EXISTING W		ist ist	used in processing this form pursuant to COMAR
	PERMIT NUMBER OF WE	LL TO BE REPLACED C		26.	.04.04. Failure to provide the info may result in
	(IF AVAILABLE) 41		$\frac{52}{1}$	to grow 1 - this	s form not being processed. You have the right to spect, amend, or correct this form. The Maryland
	Not to be filled in	by driller (MDE OR C	COUNTY USE ONLY)	used alternate De	partment of the Environment is subject to the
			of the little of a	Ma Ma	aryland Public Information Act. This form may be
200	APPROP. PERMIT NUMB	ER	G		ade available on the Internet via MDE's website and subject to inspection or copying, in whole or in part,
-	10	1 1/0	17 2102	by	the public and other governmental agencies, if not
1	Maria Carlos Company	PERMIT No. 70 71 7	2 73 74 75 76 77 78 79	pro	otected by federal or State Law.
-	CONTRACTOR		2 73 74 75 76 77 78 79		
100	SPECIAL CONDITIONS		The second secon	The second secon	A

@ COUNTY

MDE/WMA/PER 071

GROUTING 7 25 17 0

TREMIE LENGTH: 500' TREMIE DIAMETER: 1 4" PRODUCT USED B C BAG WEIGHT: 50 165

MAKE UP WATER PH: DNI THERMALLY ENHANCED N TYPE/WEIGHT OF ADDITIVE: No additive

MUD WEIGHT AT END: DNI NUMBER OF BAGS USED: 38 bas 5

-7/25/17 D

· 2 Pallets on Site NOTES: TG Lite thermal grout like

Called manufacturer

NSF/ANSI GO

Manufactured by: Black Holls Bentonibe Lotal; unknown

[278088 B-106-075-j 7-16] 1145- Pipe several. ~

WELL DEVELOPMENT/YIELD/REWORKING Grant 10' from Well head.

METHODS USED: S SB J OP C DURATION:

HYDROFRACTURED: Y N SINGLE OR ZONE PACKER: S Z

DEPTH OF PACKER SETS:

TOTAL GALLONS OF WATER USED:

ESTIMATED YIELD OF FLOW BACK:

DEVELOPMENT NOTES:

UPPER TERMINAL/PUMP INSTALLATION

GROUT PRESENT IN ANNULAR SPACE: Y N PUMP IDENTIFICATION:

DROP PIPE DESCRIPTION:

DEPTH/LOCATION OF CHECK VALVES:

PITLESS, CONDUIT PIPE & WATER SERVICE LINE DEPTH:

SAFETY ROPE: Y N

ELECTRICAL CABLE DESCRIPTION:

PROPER CAP & STICK UP: Y N

STATIC WATER LEVEL:

PUMP SET DEPTH:

TAG ON WELL: Y N

GENERAL NOTES

10155 Highkidge ...

STATE OF MARYLAND WELL INSPECTION SHEET

DATE: 07/20/7017 COUNTY: Howard

WELL TAG #: 40-17-0142

ONSITE START TIME: 10:30

END OF INSPECTION TIME: (0:35

LATITUDE/LONGITUDE:

COPY OF PERMIT ONSITE N

WELL DRILLING PERSONNEL: Jerry

GOVERNMENT PERSONNEL: CABALLIC

OTHERS:

CONSTRUCTION

LOCATION CONSISTENT WITH PLAN: Y N

CHLORINE PRESENT IN MAKE UP WATER: Y N

BIT/STABILIZER SIZE: 10 PENETRATION RATE:

7/20/2017 @ drilling mg + 1 Set up drilling mg + 1 contractors left for the

NOTES: 7/21/2017(D) Roller com bit

HDPE SPEC

1 1/4" Silver line Geo-Stripe

PE-4710 4455740 DR-11 PR. 200 PSI @73°F

ASTM D-3035 NSF® Beo

NC 06/15/17 10:23 Made in USA

10:55

CASING/SCREEN

LENGTH/SIZE/ASTM# OF CASING SET:

LENGTH/SIZE/ASTM# OF LINER:

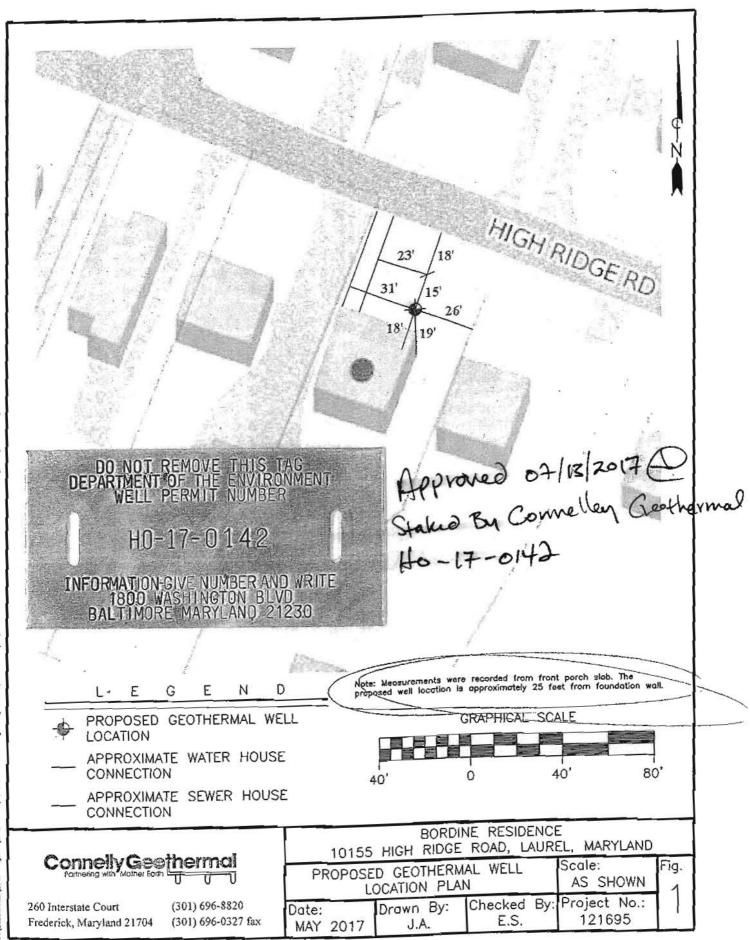
SCREEN LENGTH/SLOT SIZE/ASTM#:

DEPTH SET:

NOTES: 7/21/2017(4)
PUC Silverline Well casing 1C-2 Impact class (300 ft. Lb.@32°F)

ASTM F-480 NSF®-WC SL-M 15 NC

12/13/15 12:19 MAPE IN USA



- 10155 High Ridge Road.dwg P.\Ceothermol\2017 Projecta\Earth Rhwr\121695 - 10155 High Ridge Road\Documents\Proposed

SITE INSPECTION SHEET

SITE INSPECT	TON SHEET
OWNER: BORDINE	PHONE #:
ADDRESS: 10155 HIGH PINCE	CONTRACTOR: CONNELLY
LAUREL MO 20723	WELL TAG#: HO-17-0142
SUBDIVISION: Zack LOT: 1	Pro-
PROPOSAL: GEOTHERNAL - CLO	SED (00)
LOCATIONI	DIAGRAM
	,
Highridge I	>~
[2]	
3 2 x	
3	
1 1	
36.25' Xprox	sed Start
1 12	
Porce	
COMMENTS: 0xe/01/2017 Measurements	most Sthood to for Intica
troad. Must Reinspect for Seuse	
DATE: INSPECT	OR:

1.7

July 12, 2017

P& M Plumbing and Contracting

8371 Baltimore Annapolis Blvd Suite C Pasadene, MD 21122 MHIC # 61482 410 544-6333 info@tovesheatingander.com

To whom it may concern,

After inspection, we see that the main sewer line leaving the residence of Kevin Perkins of 10155 High Ridge Road, Laurel, MD 20723 has cast iron pipe with lead sealed joints. At this time it is water tight and is in good repair. The cast iron pipe is not the orginal construction and appears it has been replaced prior to current homeowner purchase.

Sincerely,

Presion Moore President

Ent 6 more.



1552 Ridgely Street Baltimore, MD 21230 Phone: 410-247-9970

10440 Furnace Rd., Ste. 106 Lorton, VA 22079 Phone: 703-870-2500

550 Forest Glen Road Silver Spring, MD 20901 Phone: 301-222-1500

Fax: 410-247-9290 www.lentheplumber.com

BILLING NAME (IF DIFFERENT FROM JOB NAME)

BILLING ADDRESS (IF DIFFERENT FROM JOB ADDRESS)

camera

APT# ZIP

240-7	768-1421	Œ	HOME PHONE	CEI	L PHONE
	医皮肤的 非新疆	JOB S	SPECIFICATIONS		大学会对 网络哈尔
Len The Plumber w	vill obtain the requir	CHAPTER TOWNS OF THE PARTY OF T	MANAGER DE LE CONTRACTOR DE LE CONTRACTO	o locate and mark the ut	lities.
Excavate to expose	the second secon			25 sept 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	
			A SELECTION OF THE SECOND		
REPAIR up to a	pproximately	ft in lengthft.	in depth of existing (o	utside/inside) sewer line	with sch. 40 PVC.
Provide	cleanout(s) and	have local jurisdiction ins	spect as required.		
		ine grade utilizing plastic	ground cover for spo	il pile.	
Warranty on re	epaired pipe only, 5	years.			\$
N		10			
and the same of th	The second secon			sewer line with sch. 40 f	PVC from house
connection to		on. Inside approximately		ft. in depth.	
Provide		have local jurisdiction ins	The second secon		
		ine grade utilizing plastic		I pile.	5000
Lifetime Warra	inty on replaced pir	e only, 10 year transferra	ible.		\$ <u>9770.</u>
C) TRENCLUSCO	DIDE DUBOTING OF	TION A GOOD OF			
		PTION +\$ 2,000.00			4 +\$
WATER SERVIC	E ADD ON	+\$ 1,500.00			+\$
☐ MISC ADD ON	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+\$	10g 15g 1		+\$
	ration of	Joints.	At Municy	Noins, Le of Con-ent replacement	
4000					
and the	la	manin/			DEPOSIT \$
'	water	1	-6		
				BALANCE DUE UPON C	COMPLETION \$
Financing Availab	le				
I, the undersigned I have also read Client Signature Employee Signature	THE TERMS AND	CONDITIONS on the	back of this contra	Christine 1	
I, the undersign	ned, acknowled	ge that the work ab	ove has been cor	mpleted to my UTM	OST SATISFACTION.
Client's Signature			Employee Signatu	J/O	
□ CASH	DRIVER LICENSE #			STATE	DATE OF BIRTH
				The second secon	
E □ BILL	CREDIT CARD #			CREDIT CARD EXPIRATION DATE	
D FINANCE	AUTHORIZING MANAGET				

	HOWARD COUNTY HEALTH DEPARTMEN	60643
Received	Sh april 5/8/1/7] (W5 NE# 30(0-1210
☐ CASH	For Well Permit!	10155. Regelle.
NO. \$ 160	160 Received By	54/4—Dollars