



HOWARD COUNTY HEALTH DEPARTMENT

W5
67855

DATE
5/29/20

Received
from

Allien Environmental Services, Inc. PHONE #

☐ CASH
☒ CHECK

For Well Drilling - GEO WELL

11619 PRINCESS LANE

NO. 14991

One hundred + Sixty Dollars — 00/100

Dollars

\$ 160 | 00

Received By W DeKruy

C1 60557

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLUMNS 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE RECEIVED
MM DD

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"OWNER Parikh, Rish & Moore, Rachel
WELL SITE ADDRESS 11619 Princess Ln
SUBDIVISION Kings Gift SECTION TOWN Ellicott City, MD
LOT 2

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

check
if water
bearing

Top Soil 0 1
Brown Soil 1 10
Bin Clay 10 15
Weathered Rock 15 20
Gray Rock 20 180
Gray Rock 180 300

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 46 NO. OF POUNDS 900

GALLONS OF WATER 450 per loop

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST
STEELCO
CONCRETEPL
PLASTICOT
OTHERMAIN CASING TYPE Nominal diameter
top (main) casing
(nearest inch) Total depth
of main casing
(nearest foot)

60 61 63 64 66 70

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

EACH CASING

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
belowST
STEELBR
BRASSHO
OPEN
HOLEPL
BRONZEOT
OTHERPL
PLASTICOT
OTHER

DEPTH (nearest ft.)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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

from to

GRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68MDE 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

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.)

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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)

PUMP HORSE POWER

PUMP COLUMN LENGTH

(nearest ft.)

CASING HEIGHT (circle appropriate box
and enter casing height)

+ above

- below

LAND SURFACE

(nearest foot)

LATITUDE 39.29649

LONGITUDE 76.92144

(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
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03-283615

EMERGENCY/TEMP NO. IF ANY

WJ67855

PAGE 600

B 1	SEQUENCE NO. (MDE USE ONLY) 68008	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER HO-20-0001 fill in this form completely
1 2 3 6	Date Received (APA) _____		B 3
OWNER INFORMATION 8 MM DD YY 13 Parikh Rishi / Moore Rachel 15 Last Name Owner First Name 34 11619 Princess Lane 36 Street or RFD 55 Ellicott City MD 21042 57 Town 70 State 72 Zip 76		LOCATION OF WELL 8 COUNTY 21 Howard 23 SUBDIVISION 42 Kings Gift SECTION 44 46 LOT 48 50 2 Ellicott City 52 NEAREST TOWN 71	
DRILLER INFORMATION Marshall Arnette M S D 106 Driller's Name 76 License No. 81 Allied Well Drilling Firm Name PO Box 129 Annapolis Junction MD 20701 Address Marshall Arnette 05/28/2020 Signature Date		SOURCES OF DRILLING WATER 1. Public 2. 5/4/20 3. Grout: Quick-Grout 20% Solids Bentonite	
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) ☐ 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 4 loops			
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME STATE SIGNATURE Arnette INSERT S → DATE ISSUED 05/29/20 CO SIGNATURE Arnette EXP. DATE 05/29/2021			
APPROXIMATE DEPTH OF WELL 298 17 521 APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH 2		PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL 6/2/20 starting @ 12:30pm 6/3/20 2 holes complete bedrock 20' 6/4/20 - 3rd hole complete, moving to last site grouting started @ 11:30am 3rd hole 128' Will grout 3rd hole on 6/5/20 300 ft wells rock @ 30' water @ 118' 39pm	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>AIR-ROTARY</u> JETTED <u>AIR-PERCussion</u> Jetted & DRIVEN <u>ROTARY (Hydraulic Rotary)</u> CABLE <u>REverse-ROTary</u> 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 ☐ 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 39pm			
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. HO-20-0001 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

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LOT 2

APPROVED 05/29/2000
HO-20-0001

Total linear feet of trench required 240 feet

Width of trench (ft) 3.0 feet

Depth of trench (ft) 4.5 feet

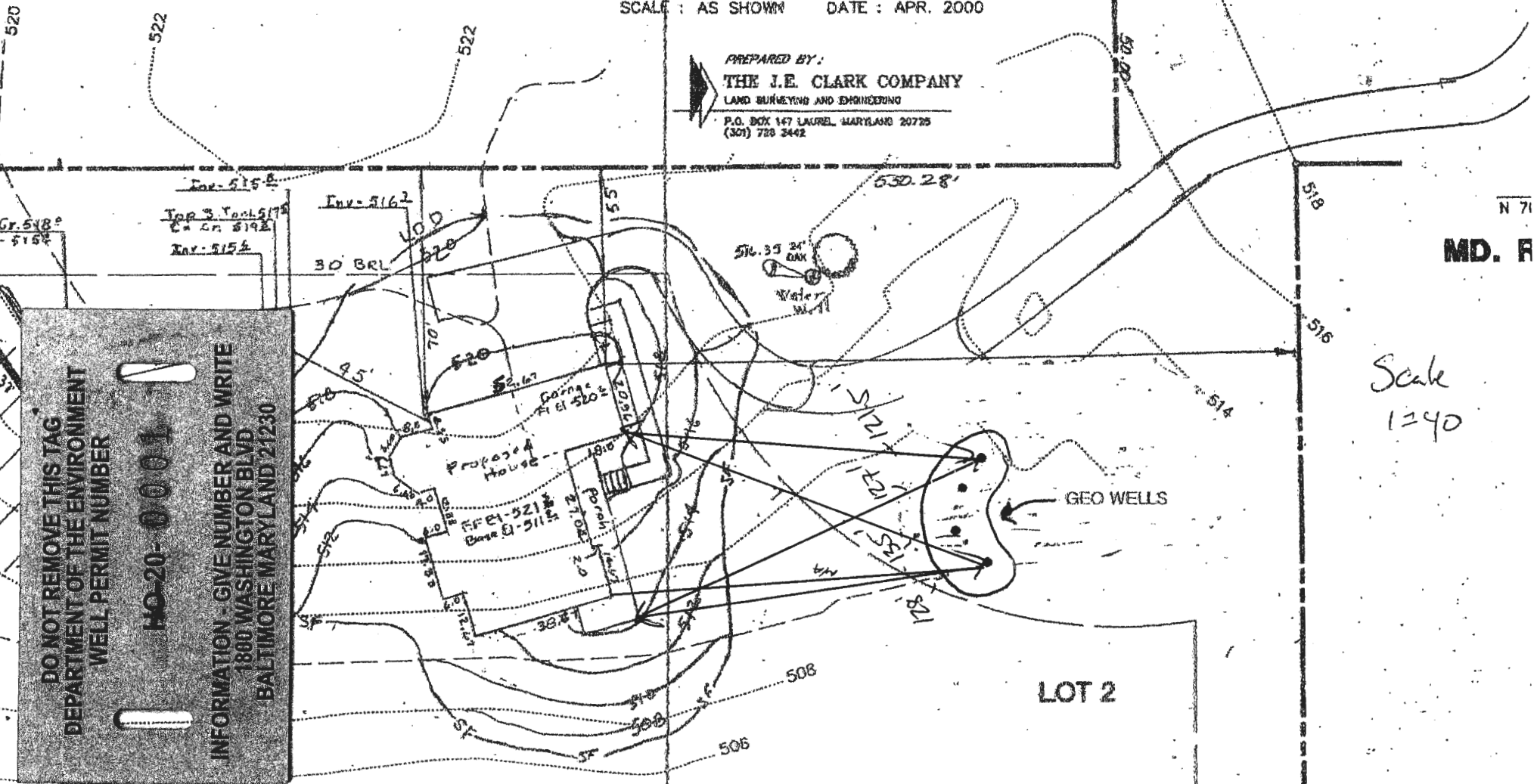
Depth of stone required below distribution pipe 1.5 feet

**SITE PLAN
KING'S GIFT**

**LOT 2
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND**

SCALE : AS SHOWN DATE : APR. 2000

PREPARED BY:
THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING
P.O. BOX 147 LAUREL, MARYLAND 20725
(301) 728 3442



MD. R

Scale
1"=40'

LOT 2

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER
HO-20-0001
INFORMATION - GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230