

C1 0515

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

ST/CO USE ONLY

DATE Received

MM DD YY

DATE WELL COMPLETED

MM DD

12 14 10

Depth of Well

22 320 26

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

HO-95-2024

OWNER

STREET OR RFD

SUBDIVISION

SECTION

LOT

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
bearingDirt 0 32
Hard Gray 32 320

GROUTING RECORD

yes

no

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

Y N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 19 NO. OF POUNDS 950

GALLONS OF WATER 399

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
below

ST

STEEL

CO

CONCRETE

PL

PLASTIC

OT

OTHER

MAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)EACH CASING OTHER CASING (if used)
diameter depth (feet)
inch from toscreen type
or open hole
(insert
appropriate
code
below)

SCREEN RECORD

ST

STEEL

BR

BRASS

BRONZE

HO

OPEN

HOLE

PL

PLASTIC

OT

OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

yes

no

Y N

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI 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.

DRILLERS LIC. NO. 1 M D 304

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 JW D 326

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

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour) 6 9

PUMPING RATE (gal. per min.) 11 15

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17 20 ft.

WHEN PUMPING 22 25 ft.

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

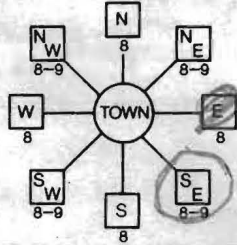
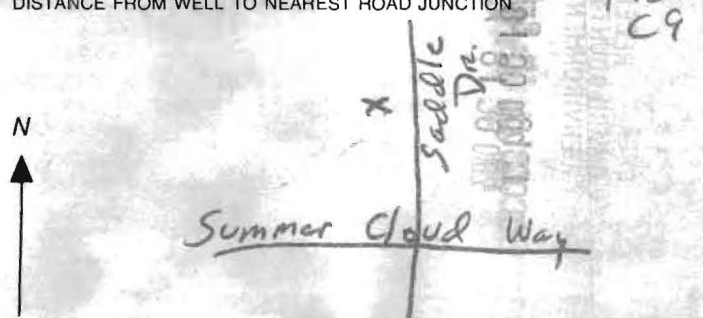
DRILLER INSTALLED PUMP YES NO
(CIRCLE) (YES OR NO)IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS.TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX 29CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) 31 35

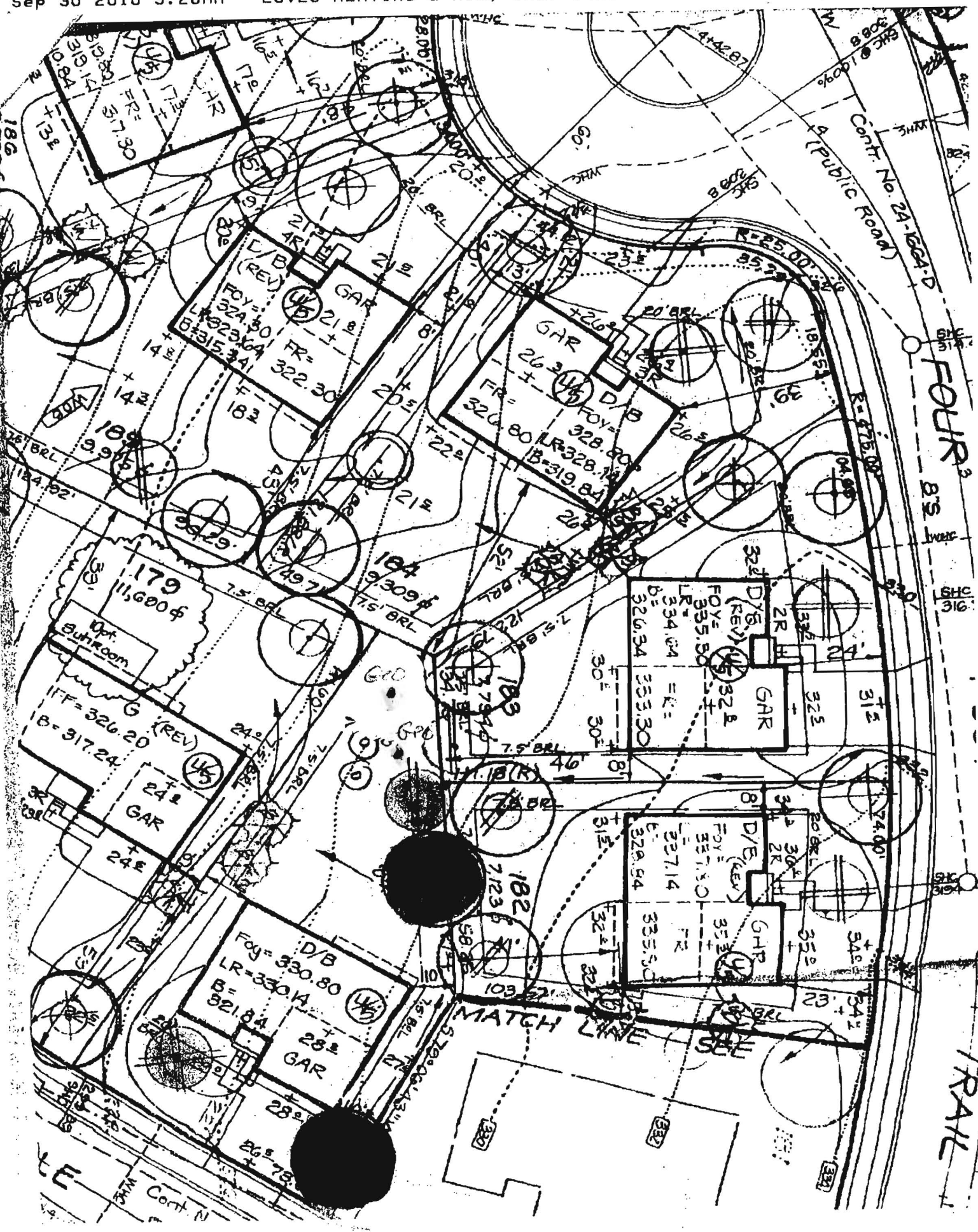
PUMP HORSE POWER 37 41

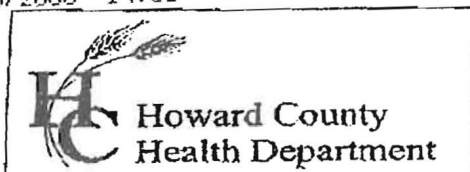
PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)
+ above } LAND SURFACE (nearest
- below } foot)
49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND /OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)House
A 1-77
X 2
X 1
Saddle Drive

B 1 6411 <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER HO-95-2024 <small>70 79</small> fill in this form completely
Date Received (APA) <u>10 10 10</u> <small>8 MM DD YY 13</small> OWNER INFORMATION 15 <u>Bryan Michael</u> 34 <small>Last Name Owner First Name</small> 36 <u>6378 Saddle Drive</u> 55 <small>Street or RFD</small> 57 <u>Columbia md 21045</u> 76 <small>Town State Zip</small>		B 3 LOCATION OF WELL 8 <u>Howard</u> 21 <small>COUNTY</small> 23 <u>Village of Longreach</u> 42 <small>SUBDIVISION</small> SECTION <u>2</u> LOT <u>180</u> <small>44 46 48 50</small> 52 <u>Columbia</u> 71 <small>NEAREST TOWN</small> MILES FROM TOWN (enter 0 if in town) <u>1</u> <small>M I</small> <small>73 76 77 78</small>	
DRILLER INFORMATION <u>David Kelly</u> <u>MW D 304</u> <small>Driller's Name License No.</small> <u>Jones Well Drilling Inc.</u> <small>Firm Name</small> <u>3700 Rush Rd. Jarrettsville MD 21084</u> <small>Address</small> <u>David Kelly</u> <u>10-13-10</u> <small>Signature Date</small>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <u>6378 Saddle Drive</u> <small>NEAR WHAT ROAD</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH 34 <u>120</u> 37 <small>DISTANCE FROM ROAD</small> ENTER FT OR MI <u>FT</u> TAX MAP: <u>37</u> BLK: <u>13</u> PARCEL <u>653</u>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>0</u> <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>0</u> <small>14 20</small>		USE FOR WATER (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input checked="" type="checkbox"/> GEO-THERMAL <u>2 holes closed loop</u>	
APPROXIMATE DEPTH OF WELL <u>320</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>6</u> INCH <small>NEAREST INCH</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> <u>(13)</u> <u>Public</u> <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S _____ DATE ISSUED <u>11/12/2010</u> <u>Bryan Baker</u> <u>11/12/2011</u> <small>43 MM DD YY 48</small> NORTH GRID <u>496</u> 000 EAST GRID <u>858</u> 000 <small>50 55 57 63</small>	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN AIR-ROTary <u>AIR-PERCussion</u> ROTARY (Hydraulic Rotary) CABLE <u>REVERSE-ROTary</u> Drive-POINT other _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. _____ 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E <u>76° 48' 00"</u> N <u>39° 11' 15"</u> 000 000 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		MAP 4936 C9	
Not to be filled in by driller (MDE OR COUNTY USE ONLY)			
APPROP. PERMIT NUMBER _____ G _____ PERMIT No. <u>HO-95-2024</u> <small>76 77 78 79</small>			





7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location: 6378 Saddle Dr. Columbia, MD 21045
Subdivision/Property Name Lot# Road Name

☒ The well site has been staked by Jones Well Drilling, Inc.
(professional land surveyor or company employing professional land surveyors)
on 10-7-10 (date) and does not require a site inspection.

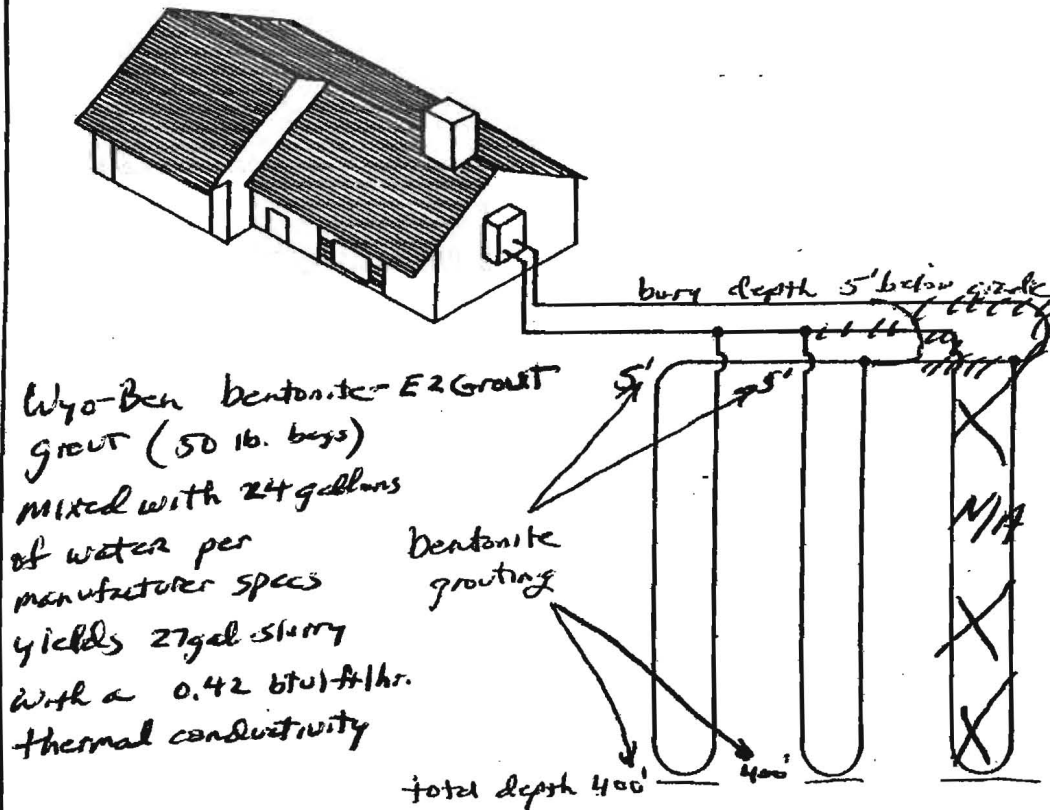
☐ The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

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Driller: Jones Well Drilling Inc.
 contact: David Kelly
 410-692-6981



Earth Coil Type: Vertical - Single U-Bend

Water Flow: Parallel

Pipe Sizes: 1 1/4" double Loop

Bore Lengths: 400' x 2 holes (800' vertical bore)

Pipe Lengths: 800 x 2 (1600 vertical pipe)

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger