



HOWARD COUNTY HEALTH DEPARTMENT

44588

CODES

DATE 4/12/13

W5

Received From

Eichelbergers

For

Well Permit = 33105 Talbots Landing

Dollars

One hundred sixty

☐ CASH
☒ CHECK

NO. 80024

\$ 160.00

Received By

J King

C116580

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

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

COUNTY
NUMBER

ST/CO USE ONLY
DATE Received
MM DD YY
6 24 13

DATE WELL COMPLETED
MM DD YY
6/3/13

Depth of Well
22 320 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-95-2510

OWNER Livingston Glenn & Patricia
WELL SITE ADDRESS 5310 S. Talbots Landing Rd
SUBDIVISION SECTION TOWN Ellicott City
LOT 28

WELL LOG Job # 94025
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Brown clayish overburden	0	18	
Sandy clay	18	29	
Soft gray shale	29	320	
4 Geo Bores 320'			

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)
☒ Y ☐ N

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT ☒ CM BENTONITE CLAY ☒ BC

NO. OF BAGS 42 NO. OF POUNDS 45 46
GALLONS OF WATER 850 gals

DEPTH OF GROUT SEAL (to nearest foot)
from 4 ft. to 320 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

☒ ST STEEL ☒ CO CONCRETE
☒ PL PLASTIC ☒ OT OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
ST 6" 30'

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

SCREEN RECORD

screen type or open hole
insert appropriate code below

☒ ST STEEL ☒ BR BRASS ☒ HO OPEN HOLE
☒ PL PLASTIC ☒ OT OTHER

C3

PUMPING TEST NA

HOURS PUMPED (nearest hour) 8 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

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED ☒ 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 WELL

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.

DRILLERS LIC. NO. 1 MWD 5521
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 SD 2241

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C2

DEPTH (nearest ft.)

E 1 8 9 11 15 17 21
A 2 23 24 26 30 32 36
H 3 38 39 41 45 47 51
S
E
N

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)
56 60
from to

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q

70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

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) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

☒ + above } LAND SURFACE (nearest foot)
☐ - below }

LATITUDE 39.221476 BH 1
LONGITUDE 76.768845
(DEFAULT COORD. WGS 84)

NOTES:
BH 2 39.221514 76.768845
BH 3 39.221541 76.768837
BH 4 39.221564 76.768832

B 1	07784	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER H0-95-2510 fill in this form completely
Date Received (APA) 08/10/13		OWNER INFORMATION		
8 MM DD YY 13		Livingston Glenn & Patricia		
15 Last Name		Owner		34 First Name
36 5310 S. Talbots landing Rd.		Street or RFD		55
57 Ellcott city MD 21040		Town State Zip		76
DRILLER INFORMATION				
Kevin P. Weigle		MWD 552		
Driller's Name		76 License No. 81		
Eichelbergers, Inc.				
Firm Name				
107 Texaco Rd Mechanicsburg PA 17050				
Address				
Kevin P. Weigle				
Signature Date				
B 2		WELL INFORMATION		
1 2		APPROX. PUMPING RATE (GAL. PER MIN.)		
		8 N/A 12		
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		14 N/A 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				
APPROXIMATE DEPTH OF WELL <u>320'</u> FEET 24 28				
APPROXIMATE DIAMETER OF WELL <u>6"</u> INCH				
METHOD OF DRILLING (circle one)				
BORED (or Augered) JETTED Jetted & DRIVEN				
30 AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)				
37 CABLE REVERSE-ROTARY DRIVE-POINT				
other				
REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL				
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROX. PERMIT NUMBER _____ G _____				
PERMIT No. <u>H0-95-2510</u>				
SPECIAL CONDITIONS				
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED: <u>Well must be grouted from bottom to top.</u>				

MARYLAND STATE GRID

24' CMP

MAIL BOX

5310 Talbots Landing rd.
Ellicott city MD 21043

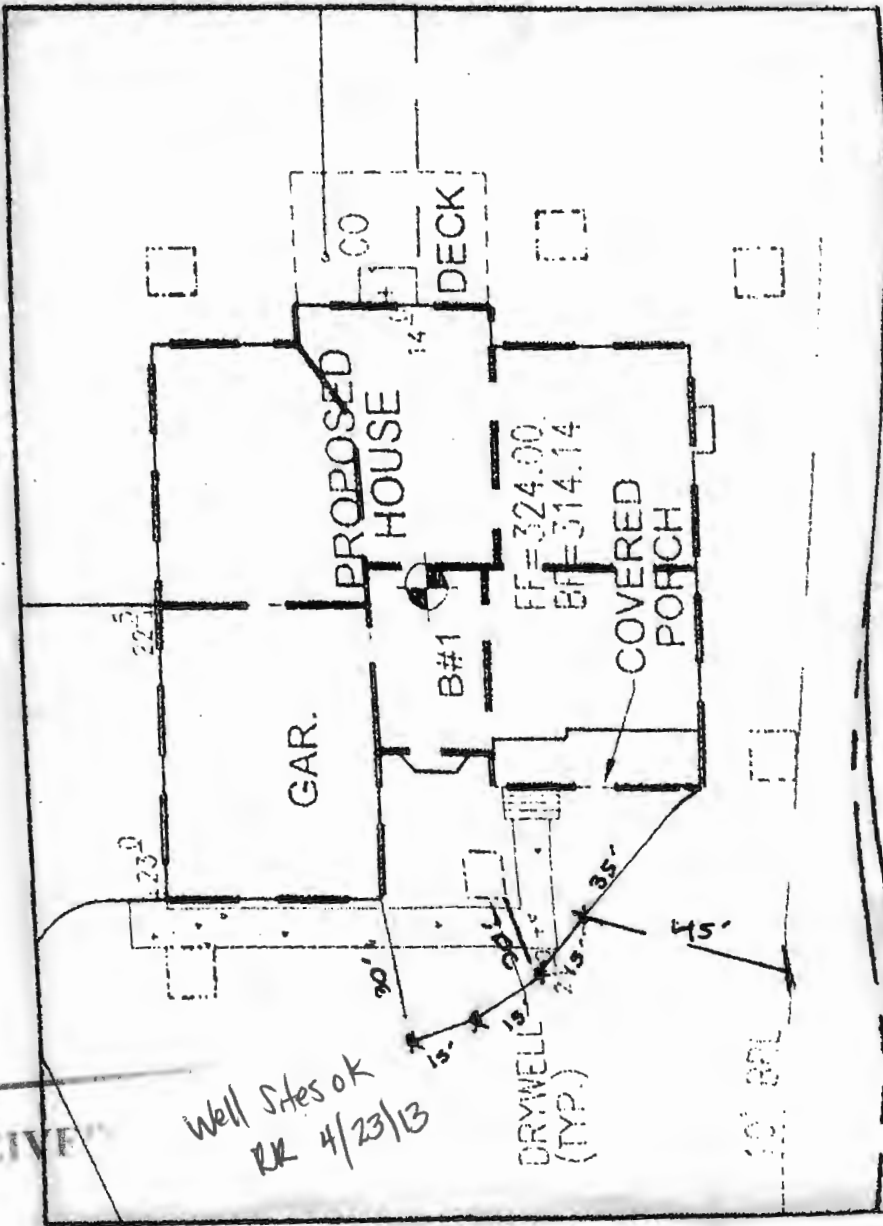
Howard Co.

co: Ryan Rappaport

Tom @ Eichelbergers

cell 717-487-1237

application # 7784



HOUSE DRAINAGE AREA MAP
SCALE: 1"=20'

RECEIVED

Well Sites OK
RK 4/23/13

APR 23 2013

HOWARD COUNTY HEALTH
BUREAU OF ENVIRONMENT

