

DRILLER: REMOVE COPY AND RETAIN FOR YOUR RECORDS. RETURN COUNTY COPY TO COUNTY ENVIRONMENTAL AGENCY. SUBMIT COPY TO OWNER. RETURN ALL OTHER PARTS TO DEPARTMENT OF ENVIRONMENT, 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224.

| | | | | |
|--|-------------|---|---|--|
| C 1 | 3865 | 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 PUNCHED IN COLS. 3-6 ON ALL CARDS) | | FILL IN THIS FORM COMPLETELY PLEASE TYPE | | |
| ST/CO USE ONLY DATE Received MM DD YY 04 23 12 | | DATE WELL COMPLETED MM DD YY 01 23 12 | | COUNTY NUMBER |

| | | | |
|---|---|--|--|
| ST/CO USE ONLY DATE Received MM DD YY 04 23 12 | DATE WELL COMPLETED MM DD YY 01 23 12 | Depth of Well 22 450' 26 (TO NEAREST FOOT) | PERMIT NO. FROM "PERMIT TO DRILL WELL" OK 7/25/16 SC 40-95-2232 |
|---|---|--|--|

OWNER: COLOMBEL ERIC
 STREET OR RFD: 10169 CAPE ANN DRIVE TOWN: COLUMBIA
 SUBDIVISION _____ SECTION _____ LOT _____

WELL LOG
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 | |
| OVERBURDEN | 0 | 30' | |
| SANDSTONE | 30 | 38' | |
| Lt. Grey SHALE | 38' | 450' | |

Geothermal well

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 ^{45 46} 24 NO. OF POUNDS ^{45 46} 576
 GALLONS OF WATER _____

DEPTH OF GROUT SEAL (to nearest foot)
 from ⁴⁸ 0 TOP ⁵² ft. to ⁵⁴ 450' BOTTOM ⁵⁸ ft.
 (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

| | |
|---|---|
| <input checked="" type="checkbox"/> ST STEEL | <input type="checkbox"/> CO CONCRETE |
| <input type="checkbox"/> PL PLASTIC | <input type="checkbox"/> OT OTHER |

MAIN 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)

| | | |
|--|---------------|----------------------|
| E A C H C A S I N G | diameter inch | depth (feet) from to |
| | _____ | _____ |

SCREEN RECORD

screen type or open hole

| | | |
|---|---------------------------------------|--|
| <input checked="" type="checkbox"/> ST STEEL | <input type="checkbox"/> BR BRASS | <input type="checkbox"/> HO OPEN HOLE |
| <input type="checkbox"/> PL PLASTIC | <input type="checkbox"/> BR BRONZE | <input type="checkbox"/> OT OTHER |

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. MSD 204

DRILLERS SIGNATURE _____
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MSD 213

SITE SUPERVISOR (sign. of driller or journeyman) _____

C 2

DEPTH (nearest ft.)

| | | | | | | | | | |
|-----|----|----|----|----|----|----|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| E 1 | 8 | 9 | 11 | 15 | 17 | 21 | | | |
| C 2 | 23 | 24 | 26 | 30 | 32 | 36 | | | |
| S 3 | 38 | 39 | 41 | 45 | 47 | 51 | | | |
| R 4 | | | | | | | | | |
| E 5 | | | | | | | | | |
| N 6 | | | | | | | | | |

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN _____ (NEAREST INCH)
 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)

T _____ (E.R.O.S.) W Q _____

70 _____ 72 _____ 74 75 76 _____

C 3

PUMPING TEST

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 _____ ft.
 WHEN PUMPING _____ ft.

TYPE OF PUMP USED (for test)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> A air | <input type="checkbox"/> P piston | <input type="checkbox"/> T turbine |
| <input type="checkbox"/> C centrifugal | <input type="checkbox"/> R rotary | <input type="checkbox"/> O other (describe below) |
| <input type="checkbox"/> J jet | <input type="checkbox"/> S submersible | |

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES 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 _____ 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)

| | |
|---|-----------------------------|
| <input checked="" type="checkbox"/> + above | LAND SURFACE (nearest foot) |
| <input type="checkbox"/> - below | |

