

C1 2470 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-33089

DATE RECEIVED

DATE WELL COMPLETED 11/22/05

DEPTH OF WELL 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" A0-81-1211

OWNER HAWKINS ALBIN last name first name TOWN HIGHLAND STREET OR RFD Lime Kiln Rd. SUBDIVISION Lime Kiln Valley Est SECTION 1 LOT 1 New 36

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 5 NO. OF POUNDS 500 GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from 0 to 18 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 29

OTHER CASING (if used) diameter inch from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS BRONZE OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) HO 18 300 26

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 11 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 29

WHEN PUMPING 27 5

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 WILL INSTALL PUMP YES NO (CIRCLE) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

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 2 (nearest foot) - below }

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)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

WELL LIKELY IN PEPCO RIGHT-OF-WAY (BULLDOZED? FILLED?) MR 5/3/04

Handwritten notes: Shop Line, 25' bc 530' ROAD

B 1 1656 SEQUENCE NO. (OEP USE ONLY)
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
40-81-1211
fill in this form completely

Date Received 11/20/85
OWNER INFORMATION
HAWKINS ALBION
12151 BELTSVILLE DR
BELTSVILLE MD 20705

B 3 LOCATION OF WELL
HOWARD
LIME KILN EST
SECTION 1 LOT 1
HIGHLAND
MILES FROM TOWN 2 MI

DRILLER INFORMATION
Ralph Mayne
Ralph Mayne Well Drilling
9120 Brown Church Rd Mt Airy
Ralph Mayne Oct 2, 1985

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Lime Kiln Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 550 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A-33089
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 4/21/86
CO SIGNATURE
NORTH GRID 482000 EAST GRID 0812000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8102
N 4802

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

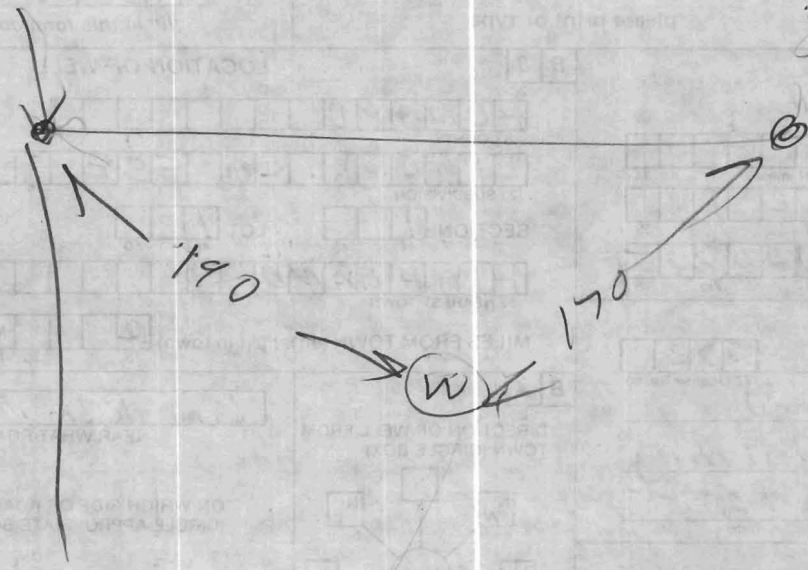
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
N Highland
Lime Kiln Rd.
Brown Bridge Rd.
550'

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER GAP
FORCE 5A WRITE INITIALS IN BOX PERMIT No. 40-81-1211

SPECIAL CONDITIONS

STAKE FOUND

66
40
26



11/20/85

- ① Well Already Grouled
Grount supposed to be 930 AM I am
at site 10 11 AM
- ② 20 FT 1 FT OUT OF GROUND CASING
- ③ 18 FT OPEN HOLE
- ④ 5 BAGS
- ⑤ NOT SURE ABOUT LOCATION
ALTHOUGH STAKES FOUND
- ⑥ TALKED TO WELL ~~WELL~~ WORKER
RHODGES

Page of
 Date: November 22, 1958

9:30 AM - 4 hrs
 Review OK'd 2/6/86 BSW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1211
 Location of property (road) Lime Kiln Road
 Subdivision Lime Kiln Estates Lot 1 Block Plat Sec.
 Well Driller Ralph Mayne Owner Albia Hawkins

Depth of well 300 ft
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 20 ft

High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 9 G.P.M
 Total time 60 min to reach pumping water level 225 ft. below M.P.

1. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	275 ft	60 sec	—	1 G.P.M
8:15	275 ft	60 sec	—	1 G.P.M
8:30	275 ft	60 sec	—	1 G.P.M
8:45	275 ft	60 sec	—	1 G.P.M
9:00	275 ft	60 sec	—	1 G.P.M
9:15	275 ft	60 sec	—	1 G.P.M
9:30	275 ft	60 sec	—	1 G.P.M
9:45	275 ft	60 sec	—	1 G.P.M
10:00	275 ft	60 sec	—	1 G.P.M
10:15	275 ft	60 sec	—	1 G.P.M
10:30	275 ft	60 sec	—	1 G.P.M
10:45	275 ft	60 sec	—	1 G.P.M
11:00	275 ft	60 sec	—	1 G.P.M
11:15	275 ft	60 sec	—	1 G.P.M
11:30	275 ft	60 sec	—	1 G.P.M
11:45	275 ft	60 sec	—	1 G.P.M
12:00	275 ft	60 sec	—	1 G.P.M
12:15	275 ft	60 sec	—	1 G.P.M
12:30	275 ft	60 sec	—	1 G.P.M
12:45	275 ft	60 sec	—	1 G.P.M
1:00	275 ft	60 sec	—	1 G.P.M
1:15	275 ft	60 sec	—	1 G.P.M
1:30	275 ft	60 sec	—	1 G.P.M
1:45	275 ft	60 sec	—	1 G.P.M
2:00	275 ft	60 sec	—	1 G.P.M

20 ft PL 88 open 18 open

