

C 1 08057

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

1 2 3 6

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 13

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 11 27 00

Depth of Well 22 440' 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0 - 94 - 2876

OWNER GROVEHOUT LLC last name COLTON CT first name TOWN LISBON SUBDIVISION EYLEA PARK SECTION LOT 9

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 FROM TO check if water bearing. Brown Shale 0 64 Blue Rock 64 440 ✓

NUMBER OF UNSUCCESSFUL WELLS: 2

WELL HYDROFRACTURED yes Y no 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 M S D 0 2 4 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M S D 0 2 7

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

GROUTING RECORD yes no WELLS HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 15 NO. OF POUNDS 440 GALLONS OF WATER 90 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 58 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) ST 6 68

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

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

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft. WHEN PUMPING 374 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 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 - below (nearest foot) 2

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) See attached locations

B 1 03776

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2876

W514625 please print or type

fill in this form completely

Date Received (APA)

11 03 00

OWNER INFORMATION

Grovesmont Development LLC, P.O. Box 417, Ellicott City Md 21041

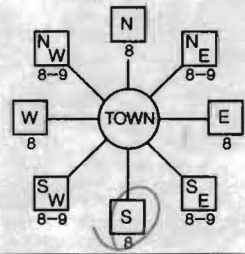
LOCATION OF WELL

Howard County, Eyles Park Subdivision, Lisbon, NEAREST TOWN

DRILLER INFORMATION

Joseph L Mayne, MSD 024, Joseph L Mayne Well Drilling, 5512 Ridge Rd Mt. Airy 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Cotton Ct. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD 20 FT, TAX MAP: 13 BLK: 21 PARCEL 46

WELL INFORMATION, APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard County No. 13, STATE SIGNATURE, DATE ISSUED 11/13/00, EXP. DATE 11/2/01, NORTH GRID 530 000, EAST GRID 0772 000

USE FOR WATER (CIRCLE APPROPRIATE BOX), [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

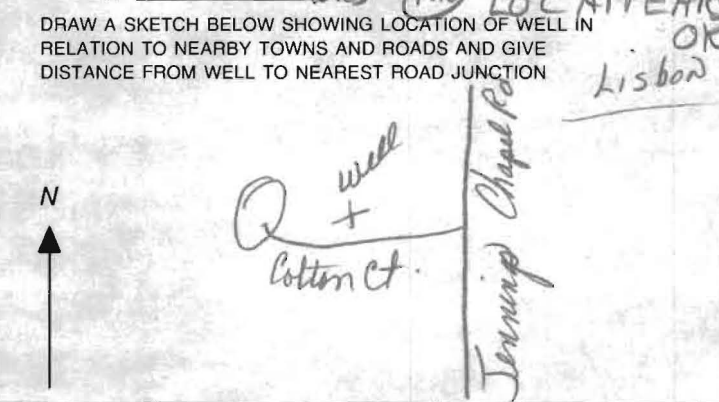
APPROXIMATE DEPTH OF WELL 260 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one), [A] AIR-ROTary, [R] ROTARY (Hydraulic Rotary)

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX), [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER, 1. Well 3rd attempt, 2. No file evidence of permission, 3. 2 dry holes filled with NO GROUT

Not to be filled in by driller (MDE OR COUNTY USE ONLY), APPROP. PERMIT NUMBER 54, PERMIT No. HO-94-2876





FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2876  
 Location of property (road) COLTON CT  
 Subdivision EYLEA PARK Lot 4 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller JOS. MAYNE Owner GAUQUEMENT LLC

Depth of well 440'  
 Distance of measuring point (M.P.) above ground 1 1/2'  
 Static water level (S.W.L.) below M.P. 27'

I. High rate pumping -- reservoir drawdown

Time pump started 6:30 Pumping rate 20 gpm  
 Total time 45 min to reach pumping water level 374 ft. below M.P.

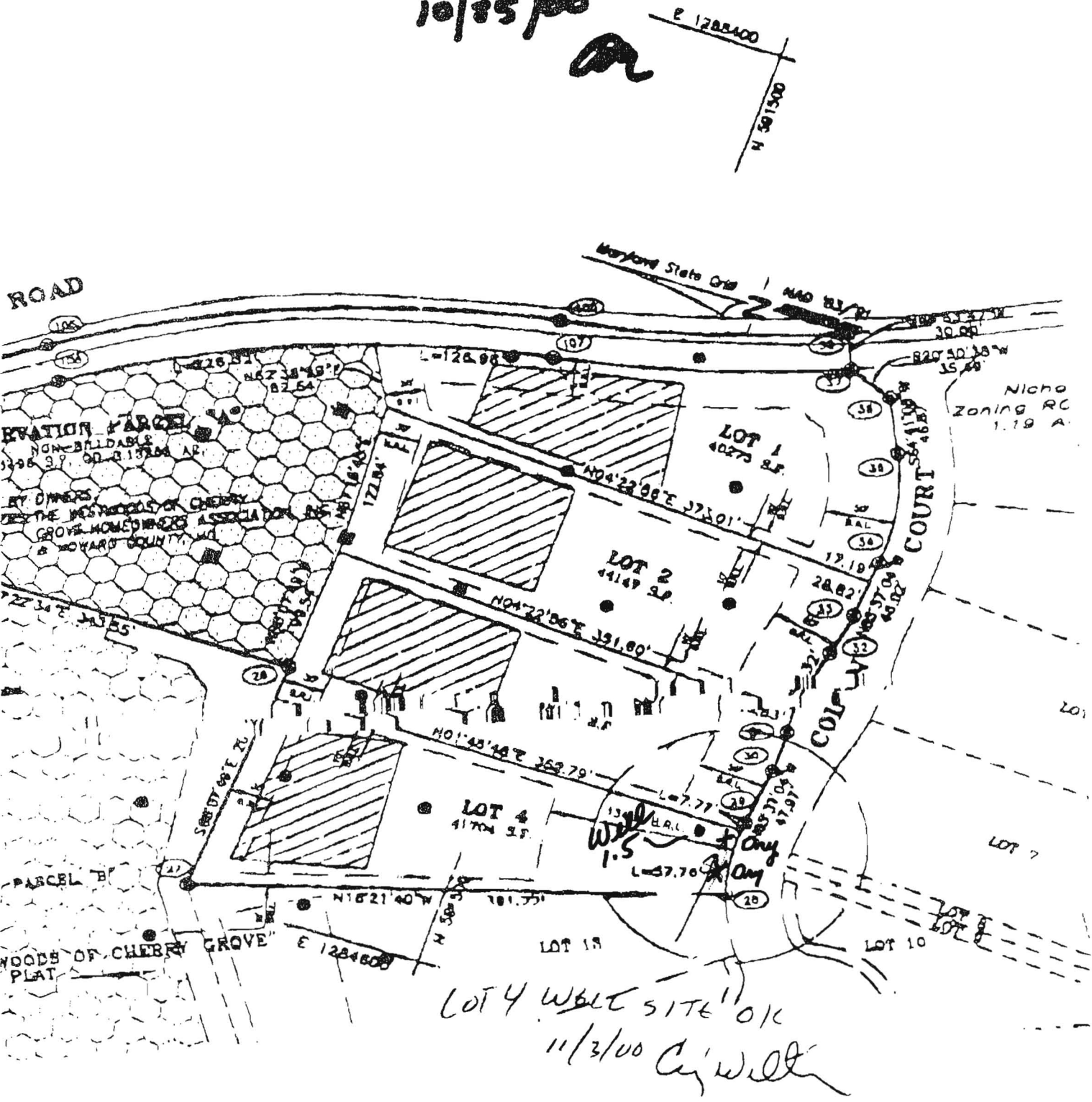
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill & gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:45	141'	3 sec		20
7:00	270	4		15
7:15	374	4		15
7:30	374	40		1.5
7:45	374	40		1.5
8:00	374	40		1.5
8:15	374	40		1.5
8:30	374	40		1.5
8:45	374	40		1.5
9:00	374	40		1.5
9:15	374	40		1.5
9:30	374	40		1.5
9:45	373	40		1.5
10:00	373	40		1.5
10:15	373	40		1.5
10:30	373	40		1.5
10:45	373	40		1.5
11:00	373	40		1.5
11:15	373	40		1.5
11:30	373	40		1.5
11:45	373	40		1.5
12:00	373	40		1.5
12:15	373	40		1.5
12:30	373	40		1.5
HD-224 12:45	373	40		1.5
1:00	373	40		1.5

# Eyler Park Minor Sub 201

## Well Permit Exhibit

10/85 po



LOT 4 WELL SITE "OK"  
11/3/00 Cj Well