

C 1 08054 SEQUENCE NO. (MDE USE ONLY)

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

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. *OK SRN*  
COUNTY NUMBER 13 12/26/00

ST/CO USE ONLY  
DATE Received  
MM DD YY  
8 13

DATE WELL COMPLETED  
MM DD YY  
11 9 2000  
Depth of Well  
22 440' 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H0 - 94 - 2875  
28 29 30 31 32 33 34 35 36 37

OWNER GROVEHOUT LLC  
STREET OR RFD COLTON CT. TOWN LISBON  
SUBDIVISION EYLEA PARK SECTION LOT 3

**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	
Brown Shale	0	86	
Blue Rock	86	440	

**GROUTING RECORD** (yes  no   
WELL HAS BEEN GROUTED (Circle Appropriate Box)  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT  BENTONITE CLAY   
NO. OF BAGS 26 NO. OF POUNDS 2114  
GALLONS OF WATER 156  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 88 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 ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 91  
60 61 63 64 66 70

**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 PL PLASTIC HO OPEN HOLE OT OTHER

**C 2** DEPTH (nearest ft.)

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

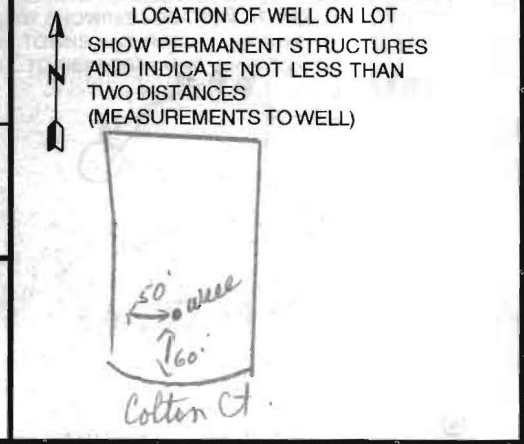
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
56 60  
from to

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

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

**C 3** PUMPING TEST  
HOURS PUMPED (nearest hour) 6  
PUMPING RATE (gal. per min.) 2.6  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 33 ft.  
WHEN PUMPING 306 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 (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  
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) LAND SURFACE  
+ above }  
- below } 2 (nearest foot)



NUMBER OF UNSUCCESSFUL WELLS: 0  
WELL HYDROFRACTURED yes  no   
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 MS D0224  
DRILLERS SIGNATURE Joseph P. Mayne  
LIC. NO. 1 D  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2875  
 Location of property (road) COLTON CT  
 Subdivision EYLER PARK Lot 3 Block      Plat      Sec.       
 Well Driller JOS. MAYNE Owner GROVEMENT LLC

Depth of well 440'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 33'

I. High rate pumping -- reservoir drawdown

Time pump started 6:15 Pumping rate 20 gpm  
 Total time 45 min to reach pumping water level 306 ft. below M.P.

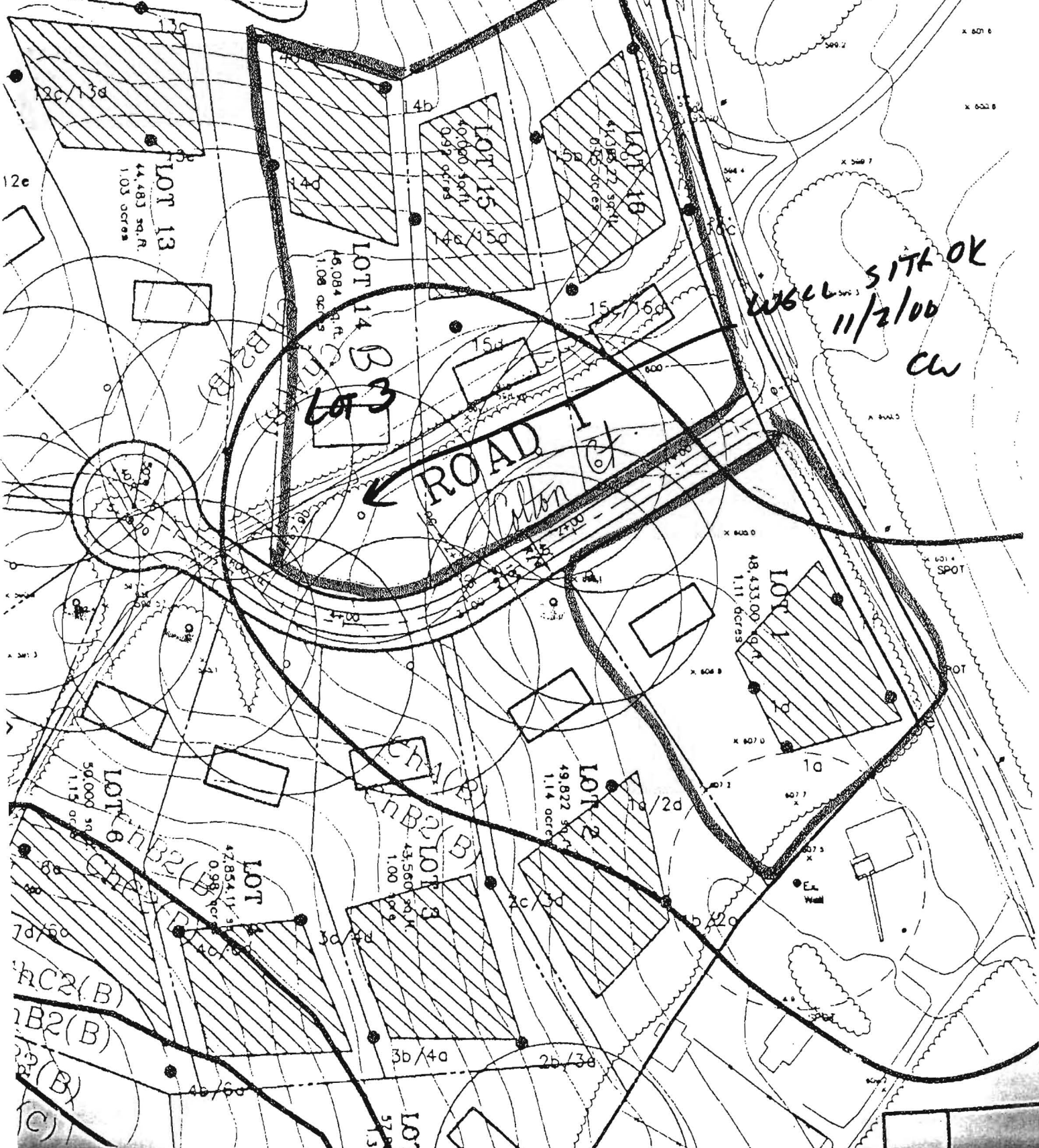
II. Recovery pump test data - observations to be recorded every 15 minutes

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)
6:30	139'	3 sec		20
6:45	228	4		15
7:00	306	5		12
7:15	306	23		2.6
7:30	306	23		2.6
7:45	306	23		2.6
8:00	306	23		2.6
8:15	305	23		2.6
8:30	305	23		2.6
8:45	305	23		2.6
9:00	305	23		2.6
9:15	305	23		2.6
9:30	305	23		2.6
9:45	305	23		2.6
10:00	305	23		2.6
10:15	305	23		2.6
10:30	305	23		2.6
10:45	305	23		2.6
11:00	305	23		2.6
11:15	305	23		2.6
11:30	305	23		2.6
11:45	305	23		2.6
12:00	305	23		2.6
12:15	305	23		2.6
12:30	305	23		2.6
12:45	305	23		2.6
1:00	305	23		2.6

HD-224 30,  
 12:45  
 1:00

S.W.M. AREA  
CONCEPTUAL SUBJECT  
TO COUNTY REVIEW/APPROVAL

Eyer Park  
(Cherry Grove)  
1, 2, 3, 4



W666 SITE OK  
11/2/00  
CW

LOT 3

ROAD

Colton

RC2(B)  
B2(B)  
B2(B)  
B2(B)  
B2(B)



B 1 5941

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho - 94 - 2875

fill in this form completely

W514610 please print or type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Crovement Development LLC

P.O. Box #17

Ellicott City Md 21041

B 3 LOCATION OF WELL

Howard Eyer Park The Westwoods of Cherry Grove

SECTION LOT 148 3

Lisbon

MILES FROM TOWN (enter 0 if in town) 5 M

DRILLER INFORMATION

Joseph P. Mayne MS D034

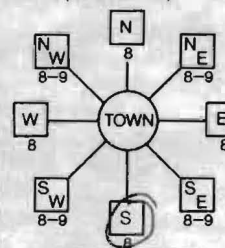
Joseph P. Mayne Well Drilling

5512 Ridge Rd Mt. Airy Md 21771

Joseph P. Mayne 10/19/2000

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Colton Ct.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

65

DISTANCE FROM ROAD

ENTER FT OR MI

TAX MAP: BLK: PARCEL 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)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 11/2/00

CO SIGNATURE EXP. DATE

NORTH GRID 530 0 0 0 EAST GRID 0772 0 0 0

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

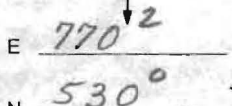
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

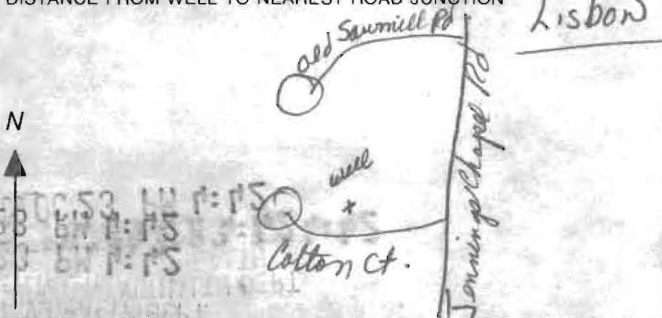
SOURCES OF DRILLING WATER

- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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)

- 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)

APPROP. PERMIT NUMBER

PERMIT No. Ho - 94 - 2875

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED