

C1 **3328** SEQUENCE NO. (PER USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN HOLES 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A 34115**

DATE Received [] DATE WELL COMPLETED **082484** Depth of Well **300** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **NO-81-0636**

OWNER **LEUY STAN** last name first name
 STREET OR RFD **MINK HOLLOW RD** TOWN **CLARKSVILLE**
 SUBDIVISION **HALLOWELL ADDITION** SECTION **3** 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	
Topsoil	0	2	
Br. Mica	2	26	✓
Tan Mica	26	38	
Gray Mica	38	83	
Tan Mica	83	86	✓
Gray Mica	86	125	
Gray Mica schist	125	270	
Tan Mica schist	270	275	
Gray Mica schist	275	300	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **10** NO. OF POUNDS **1000**
 GALLONS OF WATER **53**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **38** ft.
 (enter 0 if from surface)

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

MAIN CASING Nominal diameter Total depth
 top (main) casing of main casing
 TYPE (nearest inch) (nearest foot)
ST **6** **41**

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

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

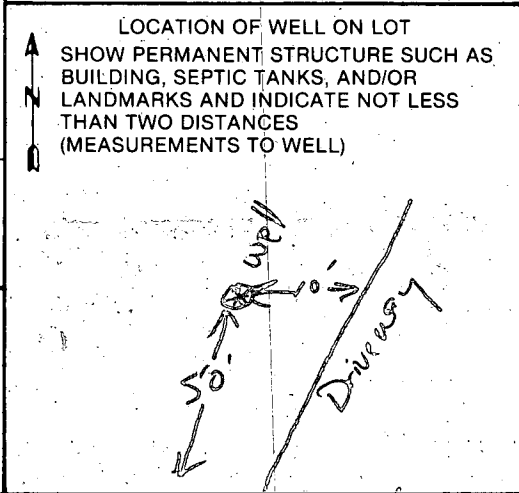
C2
 DEPTH (nearest ft.)
 E A C H S C R E E N
HO **39** **300**
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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

TELESCOPE CASING **LOG INDICATOR** **OTHER DATA**
 T (E.R.O.S.) WQ
 70 72 74 75 76

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **0**
 PUMPING RATE (gal. per min. to nearest gal.) **3**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **23**
 WHEN PUMPING **120**
 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**
 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) [] [] [] []
 PUMP HORSE POWER [] [] [] []
 PUMP COLUMN LENGTH (nearest ft.) [] [] [] []
 CASING HEIGHT (circle appropriate box and enter casing height) **+** above } LAND SURFACE **2** (nearest foot)
- below }



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 10.17.13 "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 IDENT. NO. **41**
Daniel Easterday
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Michael Bryant
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Drive way Light of Way

B 1 **2157** 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

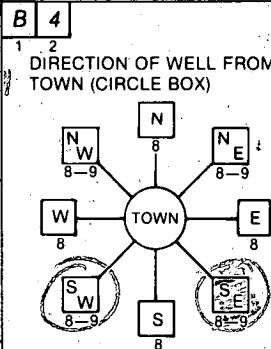
40-81-0636
fill in this form completely

Date Received **8/24/84 - 9:30 AM**
OWNER INFORMATION

1 FUVV-STANLEY M
15 Last Name Owner First Name 34
9706 DAMERON DRIVE
36 Street or RFD 55
SILVER SPRING MD 20910
57 Town 70 State 72 Zip 76

DRILLER INFORMATION
L DANIEL EASTERDAY 41
Driller's Name 77 License No. 80
L FRANKLIN EASTERDAY, INC.
Firm Name
9265 BROWN Church RD. Mt. Airy, MD 217
Address
L. Daniel Easterday 7/17/84
Signature Date

B 3 LOCATION OF WELL
HOWARD 8 COUNTY 21
HOLLOWELL ADDITION 23 SUBDIVISION 42
SECTION 44 46 LOT **3** 48 50
CLARKSVILLE 52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **3** 73 76 77 78 MI



MINK Willow ROAD 11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
WEST EAST
SOUTH
1200
34 37
DISTANCE FROM ROAD
ENTER FT or MI FT 38 39

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 3415 COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S 41
DATE ISSUED **2/6/85**
080684 CW CO SIGNATURE EXP. DATE
NORTH GRID **488000** EAST GRID **0804000**
50 55 57 63

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

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)

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

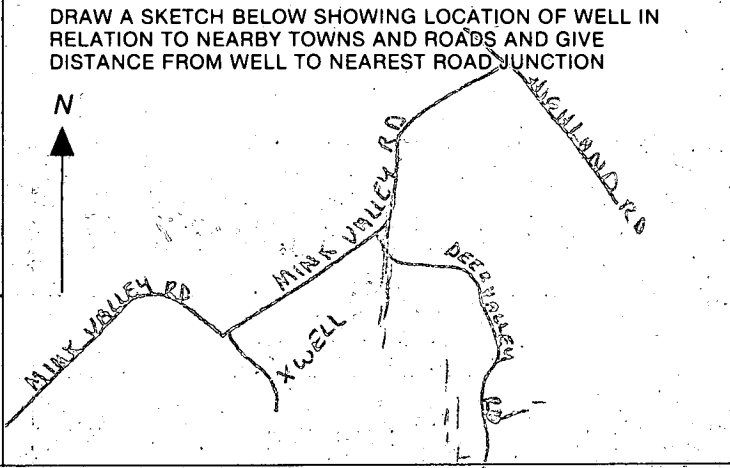
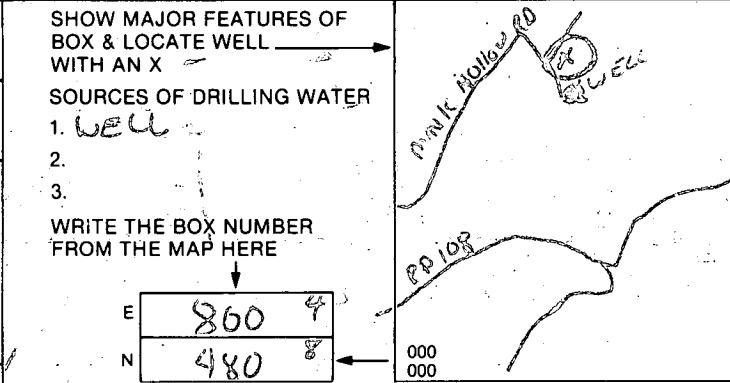
APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

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

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
39 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) 41 52

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER **GAP** 54 63
FORCE **GW** WRITE INITIALS IN BOX PERMIT No. **40-81-0636** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS



100-18-24-87 10m.

685 Review 10/26/1941 F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0636
 Location of property (road) MINK HOLLOW RD
 Subdivision HALLOWELL ADDITION Lot 3 Block _____ Plat _____ Sec. _____
 Well Driller L. D. EASTER DAY Owner STAN LEVY

Depth of well 300 30 PM
 Distance of measuring point (M.P.) above ground 18"
 Static water level (S.W.L.) below M.P. 23' 8"

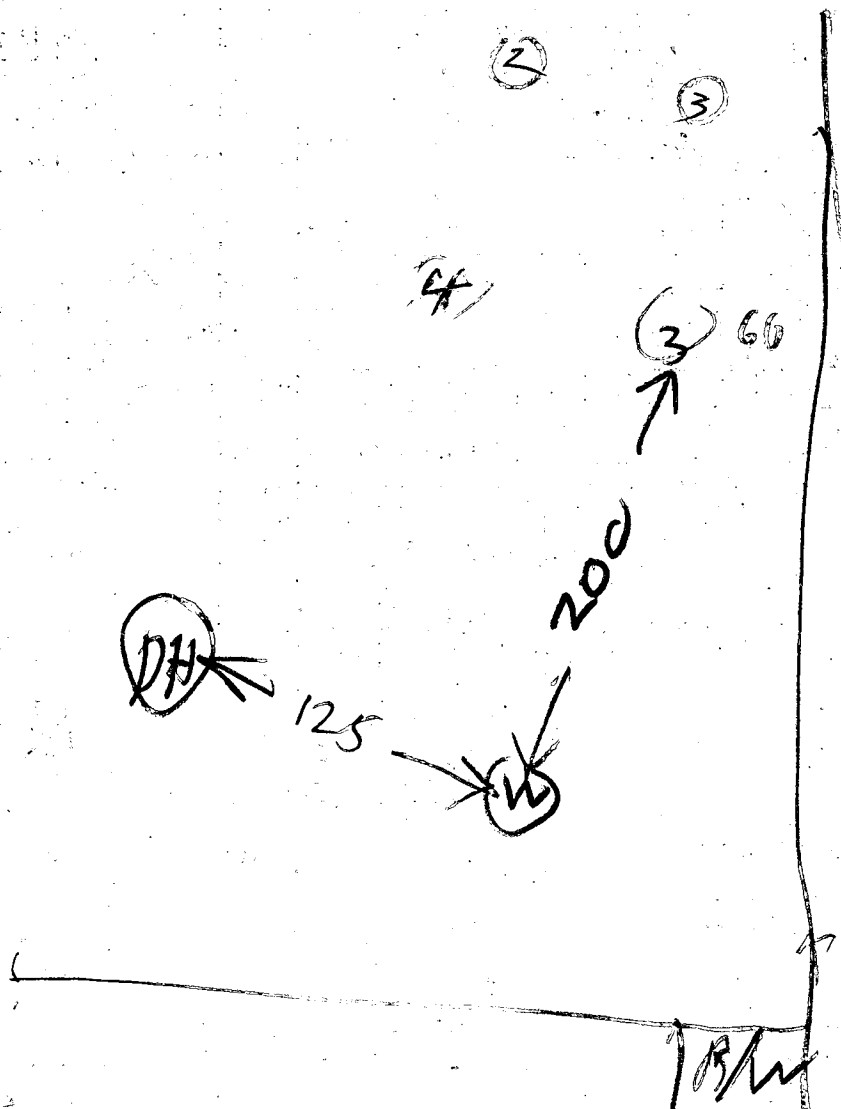
I. High rate pumping -- reservoir drawdown

Time pump started 8:10 Pumping rate 8.6 G.P.M
 Total time 35 min to reach pumping water level 124' 9" ft. below M.P.

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

Pump ^{280'}

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)
8:45	124' 9"	18 sec		3 1/2 G.P.M
9:00	125'	18 sec		3 1/2 G.P.M
9:15	125'	18 sec		3 1/2 G.P.M
9:30	125' 1"	18 sec		3 1/2 G.P.M
9:45	125' 3"	18 sec		3 1/2 G.P.M
10:00	125' 5"	18 sec		3 1/2 G.P.M
10:15	125' 6"	18 sec		3 1/2 G.P.M
10:30	125' 6"	18 sec		3 1/2 G.P.M
10:45	125' 6"	18 sec		3 1/2 G.P.M
11:00	125' 8"	18 sec		3 1/2 G.P.M
11:15	125' 10"	18 sec		3 1/2 G.P.M
11:30	125' 10"	18 sec		3 1/2 G.P.M
11:45	125' 10"	18 sec		3 1/2 G.P.M
12:00	126'	18 sec		3 1/2 G.P.M
12:15	126' 1"	18 sec		3 1/2 G.P.M
12:30	126' 2"	18 sec		3 1/2 G.P.M
12:45	126' 2"	18 sec		3 1/2 G.P.M
1:00	126' 3"	18 sec		3 1/2 G.P.M
1:15	126' 5"	18 sec		3 1/2 G.P.M
1:30	126' 5"	18 sec		3 1/2 G.P.M
1:45	126' 6"	18 sec		3 1/2 G.P.M
2:00	126' 6"	18 sec		3 1/2 G.P.M
2:15	126' 7"	18 sec		3 1/2 G.P.M
2:30	126' 9"	18 sec		3 1/2 G.P.M
2:45	126' 9"	18 sec	3.000	3 1/2 G.P.M



- ① Arrive Late 10:10 AM instead of 9:30 AM
Grout already started
- ② 41 FT casing $\frac{1}{2}$ ft out of ground
- ③ 38 ft open hole
- ④ LOCATION OK Per/Holes found ①②③④
- ⑤ ALSO DRY Hole **DH** Found
already filled with cement & cuttings
- ⑥ 10 BAGS
- ⑦ WELL OK

2/24/84
R H