

C1 6240

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 32320

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

0 28 83

360 (TO NEAREST FOOT)

H0-73-4394

OWNER Sternberger

Wayne

STREET OR RFD Brooks Road

TOWN Highland

SUBDIVISION Raymond Morgan Property

SECTION

LOT 2

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

WELL HAS BEEN GROUTED (YES Y NO N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 846 GALLONS OF WATER 54 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft.

C 3 (Seq. no.)

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 1 METHOD USED TO MEASURE PUMPING RATE in line

WATER LEVEL (distance from land surface) BEFORE PUMPING 18 WHEN PUMPING 153

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

Table with 3 columns: DESCRIPTION, FEET (FROM TO), Check if water bearing. Rows: Brown Shale (0-10), Sand (10-44), Gray mica rock (44-360).

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

MAIN CASING TYPE S+ Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 49

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES Y NO N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 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 below LAND SURFACE (nearest foot)

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

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

C 2 (Seq. no.) DEPTH (nearest ft.) H0 47 360

EACH SCREEN 1 H0 47 360 2 3 38 39 41 45 47 51

CIRCLE APPROPRIATE BOX A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

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)

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. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

TELESCOPE CASING LOG INDICATOR OTHER DATA

Brooks Rd Back Line

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

B 1 0261 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

HO-73-4394

fill in this form completely.

Date Received 3/1/83 9:30 AM 020183 (OEP Use Only)

OWNER INFORMATION: Last Name 15, Owner, 34 Name, Street or RFD, Town 57, State, 76 Zip

LOCATION OF WELL: COUNTY, SUBDIVISION, SECTION, LOT, NEAREST TOWN, MILES FROM TOWN

DRILLER INFORMATION: Driller's Name, 77 License No. 80, Firm's Name, Address, Signature, Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX), NEAR WHAT ROAD, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.), AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

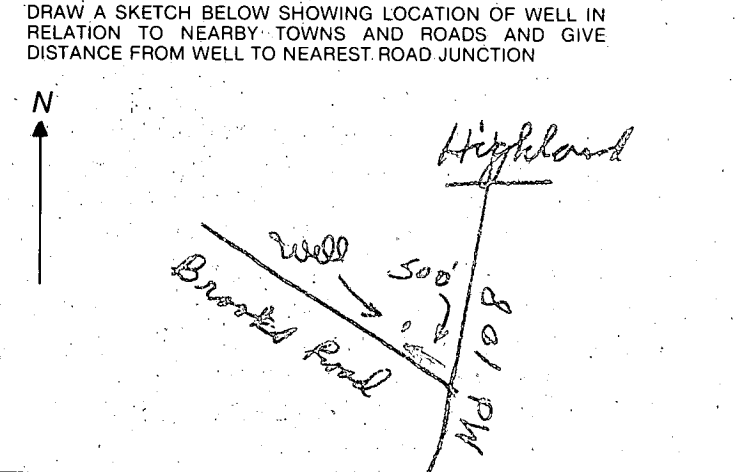
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER, WRITE THE BOX NUMBER FROM THE MAP HERE

USE FOR WATER (CIRCLE APPROPRIATE BOX): HOME, FARMING, INDUSTRIAL, PUBLIC OR PRIVATE WATER COMPANY, TEST, OBSERVATION, MONITORING

APPROXIMATE DEPTH OF WELL, APPROXIMATE DIAMETER OF WELL, NEAREST 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

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, THIS WELL WILL DEEPM AN EXISTING WELL



Not to be filled in by driller (OEP USE ONLY): APPROP. PERMIT NUMBER, FORCE INITIALS IN BOX, PERMIT NO., WRITE INITIALS IN BOX

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME, COUNTY NO., OEP SIGNATURE, DATE ISSUED, CO SIGNATURE, NORTH GRID, EAST GRID, EXPIRES

SPECIAL CONDITIONS 8-63

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4394  
 Location of property (road) Brooks Road  
 Subdivision Raymond Morgan property Lot 2 Block     Plat     Sec.      
 Well Driller Joseph Mayne Owner Wayne Sternberger

Depth of well 360  
 Distance of measuring point (M.P.) above ground 2  
 Static water level (S.W.L.) below M.P. 18

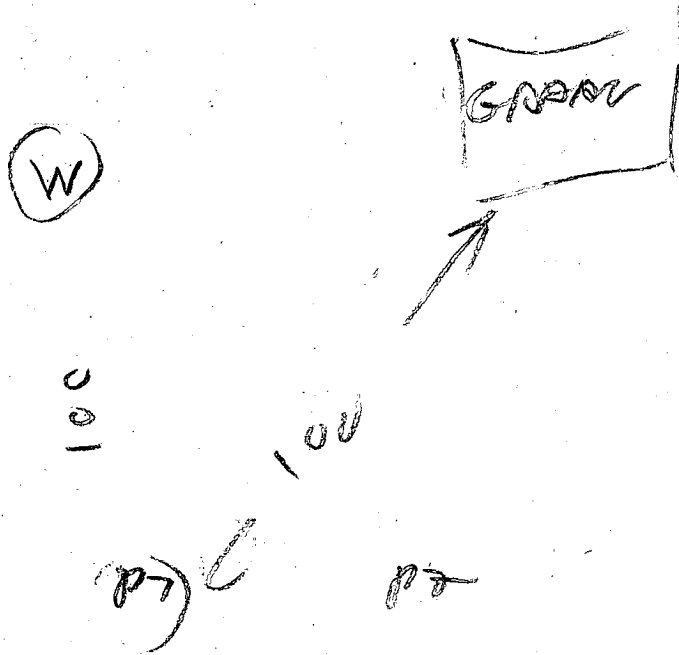
I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10  
 Total time 10:45 to reach pumping water level 153 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	18	30 sec.		10
9:15	70	30 sec.		10
9:30	154	30 sec.		10
9:45	154	5 min.		1
10:00	154	5 min.		1
10:15	154	5 min.		1
10:30	154	5 "		1
10:45	153	5 "		1
11:00	153	5 "		1
11:15	153	5 "		1
11:30	153	5 "		1
11:45	153	5 "		1
12:00	153	5 "		1
12:15	153	5 "		1
12:30	153	5 "		1
12:45	153	5 "		1
1:00	153	5 "		1
1:15	153	5 "		1
1:30	153	5 "		1
1:45	153	5 "		1
2:00	153	5 "		1
2:15	153	5 "		1
2:30	153	5 "		1
2:45	153	5 "		1
3:00	153	5 "		1





- ① LOCATION OK
- ② 59 FT CASING 2 FT OUT OF GROUND
- ③ AT LEAST 38 FT OPEN HOLE  
(SHORT ROPE)
- ④ PUMP TEST RUN TODAY ALSO
- ⑤ 9 BAGGS
- ⑥ Well OK

3/1/83

*Raymond Hodge*

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
FEB 1 3 59 PM '83