

C1 7464

SEQUENCE NO. (MDE 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 29208

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" 4129/15 SC 140-95-1324

OWNER Remmitt Richard STREET OR RFD 7625 Brown's Bog Rd. TOWN SUBDIVISION SECTION LOT

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. Includes entries for Sand and Gray Mica Rock.

18 bags SB = 3.1 bags/10'

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing 6 Total depth of main casing 64

OTHER CASING (if used)

SCREEN RECORD screen type or open hole ST BR HO

SCREEN RECORD

DEPTH (nearest ft.) 62 500

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO N

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 M SD 024 DRILLERS SIGNATURE Joseph E. Mayne

LIC. NO. 1 D

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

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

C 3

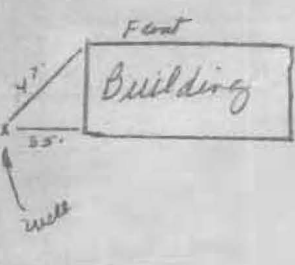
PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.4 METHOD USED TO MEASURE PUMPING RATE Bucket

PUMP INSTALLED

DRILLER INSTALLED PUMP 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

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)



RW

B 1	1051	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 527865 please type	STATE PERMIT NUMBER 40-95-1324 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 10/16/07

8 MM DD YY 13

15 Last Name Demmitt Owner First Name Richard 34

36 Street or RFD P.O. Box 228 55

57 Town Clarksville 70 State MD 72 Zip 21029 76

LOCATION OF WELL

B 3 Howard

8 COUNTY Howard 21

23 SUBDIVISION _____ 42

SECTION _____ LOT _____

44 46 48 50

52 NEAREST TOWN Highland 71

MILES FROM TOWN (enter 0 if in town) 3 M I

73 76 77 78

DRILLER INFORMATION

Driller's Name Joseph L Mayne M S D 024 76 License No. 81

Firm Name Joseph L Mayne Well Drilling

Address 5512 Ridge Rd Mt. Airy Md 21778

Signature Joseph L Mayne Date 10-16-07

WELL INFORMATION

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD 7625 Backum Bridge Rd 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 500 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 6 BLK: 6 PARCEL 127

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 4

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

14 20

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 COUNTY NAME COUNTY NO. 13

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 10/16/08 EXP DATE 10/16/08

43 MM DD YY 48 CO SIGNATURE _____

NORTH GRID 480 0 0 0 EAST GRID 0810 0 0 0

50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST TOWN _____

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 810

N 480

000 000

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)

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

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Sketch showing location of well relative to Backum Bridge Rd and Clarksville Md 21029. A north arrow is present. The well location is marked with an 'X' and labeled 'well'. A 'Drive way' is also indicated.

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G _____

PERMIT No. 40-95-1324

70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS Ex. Well to be used for Irrigation

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

64' casing
18 ho yd

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95-1324
 Location of property (road) 7625 Browns Bridge Rd
 Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____
 Well Driller Joseph Mayre Owner Richard Demmitt

Depth of well 500'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 29'

I. High rate pumping -- reservoir drawdown

Time pump started 6:30 am. Pumping rate 20 gpm.
 Total time 45 min. to reach pumping water level 370 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)
6:30 am	29'		N/A	
6:45	162'	3 sec.		20 gpm.
7:00	280	3		20
7:15	370	4		15
7:30	369	25		2.4
7:45	369	25		2.4
8:00	368	25		2.4
8:15	368	25		2.4
8:30	367	25		2.4
8:45	367	25		2.4
9:00	367	25		2.4
9:15	367	25		2.4
9:30	366	25		2.4
9:45	366	25		2.4
10:00	366	25		2.4
10:15	366	25		2.4
10:30	366	25		2.4
10:45	366	25		2.4
11:00	366	25		2.4
11:15	366	25		2.4
11:30	366	25		2.4
11:45	366	25		2.4
12:00	366	25		2.4
12:15	366	25		2.4

HD-224 12:30 365 25 2.4 (over) →

12:45 365'

25 sec.

2.4

1:00 365

25

2.4

1:15 365

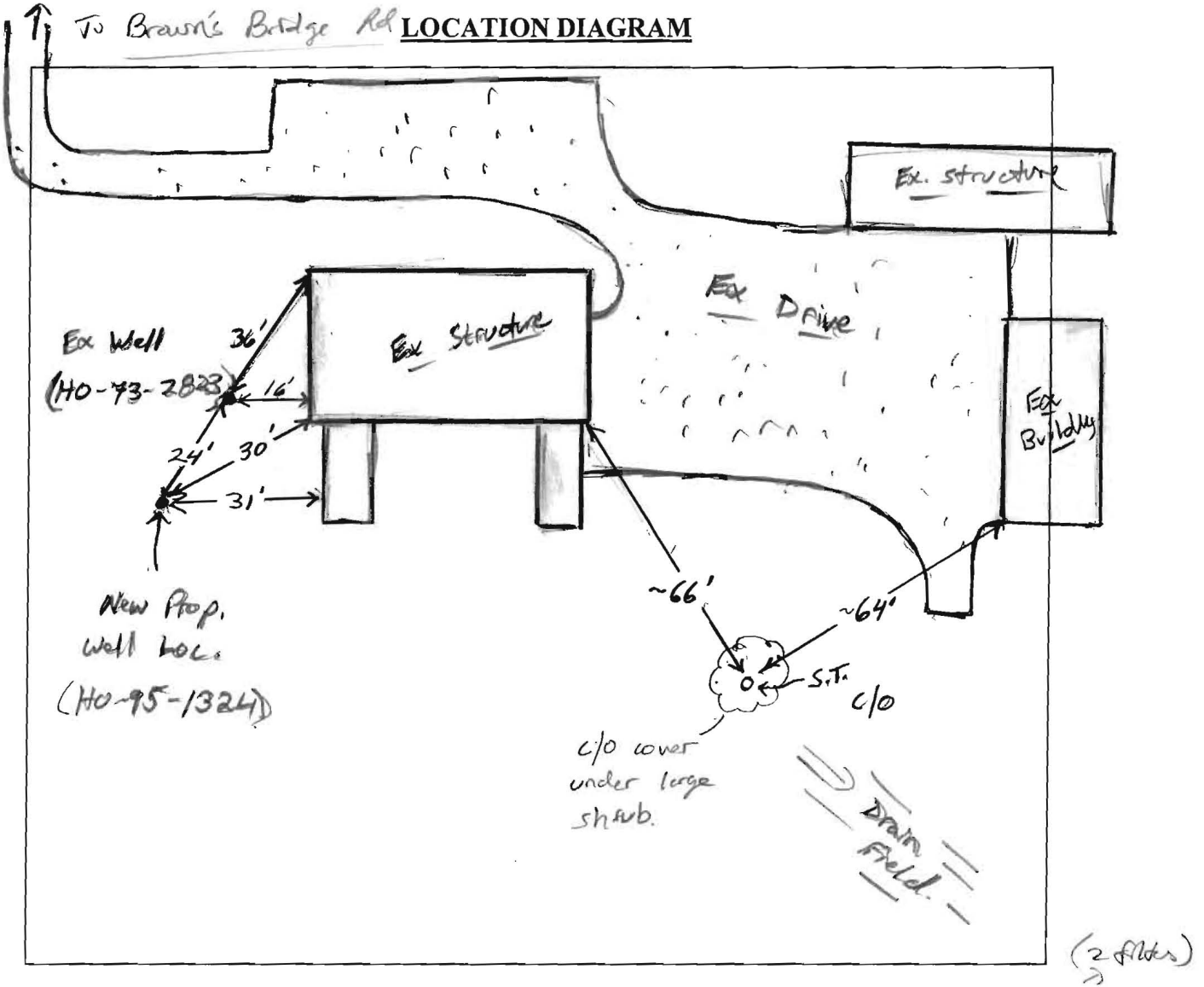
25

2.4

2000 NO 16 PA 125

SITE INSPECTION SHEET

OWNER: Richard Demuth PHONE #: _____
ADDRESS: 7625 Brown Bridge Rd CONTRACTOR: _____
WELL TAG #: HO-95-1324
SUBDIVISION: _____ LOT: _____ COUNTY #: 13
PROPOSAL: out of water



COMMENTS: Ex well will be used for irrigation (A lot of sand but still has good yield). Ex well to be drilled as located in field see Drawing. (10)

DATE: 10/16/07 INSPECTOR: Kevin Wolf