

1 2 3 4 5 6  
**0454**  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (DENV USE ONLY)

**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 14504

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED

Depth of Well  
 22 400 26  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
40-92-0413

OWNER Daly last name James first name  
 STREET OR RFD Gilbride Lane TOWN Clarksville  
 SUBDIVISION Hedgesville 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	
Overburden	0	20	
Mud & Boulders	20	57	
Gray Rock	57	400	X

Well #1 150' Dry (backfilled)  
 Well #2 400' Dry (backfilled)

**GROUTING RECORD**

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 (44 44)

TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 (45 46 45 46)

NO. OF BAGS 14 NO. OF POUNDS 1400  
 GALLONS OF WATER 89

DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 56 ft.  
 (enter 0 if from surface)

**CASING RECORD**

casing types insert appropriate code below

**ST** **CO**  
 STEEL CONCRETE  
**PL** **OT**  
 PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
**ST** 6 160 160  
 (80 81 83 84 86 87)

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

**SCREEN RECORD**

screen type or open hole insert appropriate code below

**ST** **BR** **HO**  
 STEEL BRASS OPEN HOLE  
**PL** **OT**  
 PLASTIC OTHER

**C 2**

DEPTH (nearest ft.)

1	<u>400</u>	<u>160</u>	<u>400</u>
2			
3			

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

**OEP 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) 3  
 (8 9)

PUMPING RATE (gal. per min. to nearest gal.) 5  
 (11 15)

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 21  
 (17 20)  
 WHEN PUMPING 287  
 (22 26)

TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
 (27 27 27)  
**C** centrifugal **R** rotary **O** other (describe below)  
 (27 27 27)  
**J** jet **S** submersible  
 (27 27)

**PUMP INSTALLED**

DRILLER WILL INSTALL PUMP YES **NO**  
 (CIRCLE) (YES or 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:  29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) \_\_\_\_\_ 35  
 PUMP HORSE POWER \_\_\_\_\_ 41  
 PUMP COLUMN LENGTH (nearest ft.) \_\_\_\_\_ 47

CASING HEIGHT (circle appropriate box and enter casing height)  
**+** above } LAND SURFACE \_\_\_\_\_ (nearest foot)  
**-** below } \_\_\_\_\_ (nearest foot)  
 (49 49 50 51)

**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)

No Map Available

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 IDENT. NO. 120

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
Robert Price

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

8/27/03

This well was  
supposed to be  
drilled on Lot 4  
But was drilled on  
this lot (3) by  
mistake. Not Sure  
about exact location.  
BB

**B 1** 04521 SEQUENCE NO. (DP 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

STATE PERMIT NUMBER  
H0-92-0403  
fill in this form completely

**Date Received (APA)**  
06/8/93  
**OWNER INFORMATION**  
DAN JAMES  
13274 STYER COURT  
Highland MD 20777

**B 3** LOCATION OF WELL  
Howard  
Hedgerow  
SECTION 44 LOT 4  
CLARKSVILLE  
4 MILES FROM TOWN

**DRILLER INFORMATION**  
Sandy B Cochran  
G. Edgar Hair Sons' Corp  
12047 Falls Rd Clarksville 21030  
6-16-93

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
Gilbride Lane  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 400 FT

**B 2** WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 150

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A40504  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED 07/14/93  
NORTH GRID 506000 EAST GRID 080400

APPROXIMATE DEPTH OF WELL 200 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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
WRITE THE BOX NUMBER FROM THE MAP HERE  
8004  
506

**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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
N  
X  
Tridelpia Rd  
Highland Road

Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
FORCE PERMIT No. H0-92-0403

SPECIAL CONDITIONS

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 92-0403  
 Location of property (road) Gilbride Lane  
 Subdivision Hedge row Lot 83 Block          Plat          Sec.           
 Well Driller S Cochran / G. Er Harb Owner James Daly  
 Depth of well 400'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 21'

I. High rate pumping -- reservoir drawdown

Time pump started 0730 Pumping rate 15.0  
 Total time 2 hrs to reach pumping water level 280 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)
0730	21'	4		15.0
0745	106'	5		12.0
0800	154'	5		12.0
0815	193'	6		10.0
0830	225'	7		8.57
0845	248'	7		8.57
0900	263'	8		7.50
0915	275'	9		6.67
0930	280'	11		5.45
0945	283'	11		5.45
1000	283' 4"	11		5.45
1015	285' 5"	11		5.45
1030	286'	11		5.45
1045	286' 9"	11		5.45
1100	286' 9"	11		5.45
1115	286' 9"	11		5.45
1130	286' 9"	11		5.45
1145	286' 9"	11		5.45
1200	286' 9"	11		5.45
1215	286' 9"	11		5.45
1230	286' 9"	11		5.45

