C 1 7848 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	45 DAYS AFTER WELL IS COMPLETED.	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	COUNTY A 50560 F	
ST/CO USE ONLY DATE Received  Barbara 13  DATE WELL COMPL	Depth of Well  22  (10 NEAREST FOOT)  26	PERMIT NO. FROM "PERMIT TO DRILL WELL"	
OWNER SECURITY DEVEL STREET OR RFD SUBDIVISION STEIGLER PROP		DEST FRIENDSHIP	
WELL LOG  Not required for driven wells	GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)  CEMENT CM BENTONITE CLAY B C	HOURS PUMPED (nearest hour)	
DESCRIPTION (Use additional sheets if needed) FROM TO bearing	NO. OF BAGS NO. OF POUNDS 45 48 86 GALLONS OF WATER	PUMPING RATE (gal. per min.)	
Sand 061	DEPTH OF GROUT SEAL (to nearest foot)  from ft. to 54 BOTTOM 58  (enter 0 if from surface)	METHOD USED TO MEASURE PUMPING RATE LEVEL (distance from land surface)  BEFORE PUMPING 3 6 ft.	
Gray Min 61 260 v	casing types insert appropriate code CASING RECORD  STEEL CONCRETE	WHEN PUMPING 22 25 ft.	
Rock	below PLASTIC OTHER	TYPE OF PUMP USED (for test)  A air  P piston  T turbine	
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	27 centrifugal R rotary O other (describe below)	
	60 61 63 64 66 70	J jet S submersible	
	OTHER CASING (if used) C diameter depth (feet) inch from to	PUMP INSTALLED	
	S S	DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO)  IF DRILLER INSTALLS PUMP, THIS SECTION	
	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS.  TYPE OF PUMP INSTALLED	
	or open hole insert appropriate code below STEEL BRASS BRONZE PL OT	PLACE (A,C,J,P,R,S,T,O) IN BOX 29.  CAPACITY: GALLONS PER MINUTE (to nearest gallon)  31  35	
NUMBER OF UNSUCCESSFUL WELLS:	PLASTIC OTHER	PUMP HORSE POWER 37 41	
WELL HYDROFRACTURED Y	1 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)	
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	E 1 H 0 G 3 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)	
E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL	S 2	below LAND SURFACE (nearest) foot)	
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "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	E 3	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES	
TYPE: MWD/MSD/MGD 24	from to	(MEASUREMENTS TO WELL)	
Joseph & Mayre	GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT	ame of	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	10,001	
LIC. NO.	T (E.R.O.S.) W Q 74 75 76		
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG OTHER DATA CASING INDICATOR		
MARKED TO SECURITION OF THE PARTY OF THE PAR	COUNTY	•	

B 1 4622 SEQUENCE NO.	STATE OF	MARYLAND	STATE PERMIT NUMBER
1 2 3 (MDE USE ONLY)		DRILL WELL	H0-1914-1094D
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	please pr	int or type	70 fill in this form completely 79
Date Received (APA)		B 3	LOCATION OF WELL
8 13 OWNER INFORMA	TION	HOWARD	
SECURITY DEVEL	OPMENT	8 COUNTY	21
15 Last Name Owner F	irst Name 34	23 SUBDIVISION	E PROPERTY 1
36 Street or RFD	55	SECTION .	LOT 6
ELLICOTT CITYD	1021041	WESTER!	48 50 P(D)()S(D) (P)
	State 72 Zip 76  IRCLE: MSD/MGD/MWD	52 NEAREST TOWN	71
exist & mayne	27	MILES FROM TOWN (enter	r 0 if in town) 73 76 77 78
Differ's Name of A. Mayne Well D.	uller G. No. 80	B 4	St. James Rd.
Firm Name 12 Ridge Rd MH (1)	mr. 21771	DIRECTION OF WELL FROM	11 NEAR WHAT ROAD 30
Address	10/2/06	TOWN (CIRCLE BOX)	NORTH
Signature	Date		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
B 2 WELL INFORMATION			34 65 0 37 SOUTH
APPROX. PUMPING RATE (GAL. PER MIN.)		TOWN E	DISTANCE FROM ROAD
AVERAGE DAILY QUANTITY NEEDED 8 (GAL. PER DAY)	12	Sw L Sc	ENTER FT OR MI 1 38 39
(GAL. PER DAY)	20	S <sub>W</sub> S S S-9	TAX MAP: 15 BLK: PARCEL 40
USE FOR WATER (CIRCLE APPROF	PRIATE BOX)		NOT TO BE FILLED IN BY DRILLER
D HOME (SINGLE OR DOUBLE HOUSEHOL			COUNTY A50560-F
F FARMING (LIVESTOCK WATERING & AGR	ICULTURAL	HOWARD C	COUNTY NO.
22 INDUSTRIAL, COMMERCIAL, STATE AND OTHER (REQUIRES APPROPRIATION PER		STATE SIGNATURE	INSERT S
PUBLIC OR PRIVATE WATER COMPANY	REQUIRES	DATE ISSUED	1 417 10 10 10/7/07
P APPROPRIATION PERMIT AND STATE HE APPROVAL)	ALIH DEPARIMENT	43 48 00	D SIGNATURE EXP. DATE
TEST, OBSERVATION, MONITORING (MAY APPROPRIATION PERMIT)	REQUIRE	NORTH 5 4 0 0 0	0 EAST 8/7000 55 57 63
		SHOW MAJOR FEATURE	
APPROXIMATE DEPTH OF WELL	FEET .	BOX & LOCATE WELL _ WITH AN X	MONOSO-
6	NEAREST	SOURCES OF DRILLING	(n:00:27
APPROXIMATE DIAMETER OF WELL	INCH	1.	at time of insp.
METHOD OF DRILLING (circ		3.	ALM
BORED (or Augered)	Jetted & <u>DRIVEN</u> DTARY (Hydraulic Rotary)	WRITE THE BOX NUMBER	
CABLE REVerse-ROTary	DRive-POINT		
other		E 8184	
REPLACEMENT OR DEEPENED	WELLS	N 5 \$ 0	000
(CIRCLE APPROPRIATE BOX			W SHOWING LOCATION OF WELL IN
THIS WELL WILL NOT REPLACE AN EXIST			TOWNS AND ROADS AND GIVE TO NEAREST ROAD JUNCTION
39 THIS WELL WILL REPLACE A WELL THAT	WILL BE USED AS	N	
S I HIS WELL WILL HEPLOCE A WELL THAT A STANDBY-CONTACT LOCAL APPROVING POLICY ON STANDBY WELLS	AUTHORITY FOR	4 4 4 4	
D THIS WELL WILL DEEPEN AN EXISTING W		_1	14 99
PERMIT NUMBER OF WELL TO BE REPLACED ( (IF AVAILABLE) 41	DR DEEPENED 52		
7			. 3
Not to be filled in by driller (MDE OR COL	JNTY USE ONLY)	well ->	
APPROP. PERMIT NUMBER G	A P 63		The state of the s
FORCE AM WRITE PERMIT No. HO-	14-109411		1 3
NH()X	3 74 75 76 77 78 79		76 36
SPECIAL CONDITIONS  NOTE & APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED &		West Friend	Carry Carry

Page	of	
Date	No/16 196	•

## FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0941 Location of property (road) St. James	
Subdivision Steigler Property	Lot _ Block _ Plat _ Sec
Well Driller Joseph Mayne	owner Security Development
Depth of well	
I. High rate pumping reservoir drawdown	
Time pump started 10 45  Total time 3000000 to reach pumping	Pumping rate 20 g water level 1/18 ft. below M.P.

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

TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11.00	101.	3 sec.	NA	20apm.
11:15	178	3		2000
11:30	171	10		6
11:45	171	9		6.5
12.00	171	9		6.5
12:15	173	9		6.5
12:30	173	9		6.5
12:45	179	9		6.5
1:00	176	9		6.5
1:15	175	9		6.5
1:30	175	9		6.5
1:45	174	9		65
2:00	174	9		6.5
2:15	174	9		4.5
	Report of the last			

## HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648

## Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.		
Company Name: Michael P Anthurd Try Telephone #: (410) 549-1755  Address: 6984 Runkles Rd  Min Airy MO 3171		
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation:		
Name (Print): Michael Gartland License# 1353		
*A licensed individual must perform the actual installation. Apprentices must be under the direct		
supervision of a licensed Journeyman or muster plumber, pump installer or well driller. Licenses may be		
subjected to field verification.		
Name of Property Owner: Dorsey Family Ingree Telephone #: (4/0) 465-7200 Subdivision: Landon Drock Lot #: 6 Well Tag #: HO-94-0941 Site Address: 2024 Swim James Ref West Frenches MO		
Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit		
Make: To cuzz ! Make ther Crandy Two piece watertight cap: Ves		
Model #: 3445077eo 4 Model #: PT 850 Screened, vented well cap: 445		
Pump Capacity 7 GPM Depth: 42 (16" min) Cap secured to casing: 425		
Well Yield: 6.5 GPM NSF approved: Conduit min 18" B.G.: 45.5  Depth of well encountered at time of pump installation: 300 (feet)  Conduit secured to well cap: 45.5		
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors or Cable guards are required - Must circle one		
Safety rope, if used, attached to inside of well casing with eye bolt No		
Piping to house House Connection		
Type: Plash c PVC sleeved to undisturbed soil at wall penetration: 45		
DCF- IOA (160 noi min) Approximate legate of closure: 5"		
Depth of supply line: 42 (36" min)  Sleeve caulked and sealed properly: 425		
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.		
Signature of company representative responsible for installation date		
Date Insp. Requested:  Date Insp. Approved: 10 /17/01 50		
Date Insp. Requested: Date Insp. Approved:		
Inspection Data: Pitless adapter and water supply line at least 36" below grade		
Two piece cup installed and attached to casing securely		
Elec. conduit extends at least 18" below grade/attached to cap properly		
Safety rope installed inside of well ensing  Correct well tag attached properly and easing 8" above finished grade		
Water supply line sleeved adequately at house connection		
Adequate grout observed below piticss adapter		

