

C 1 **1063** SEQUENCE NO. (DENV USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 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-37508**

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
10/1/89

Depth of Well
365
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-88-0929

OWNER **JTM INC.**
 STREET OR RFD last name **CHapel Woods Dr.** first name TOWN **CLARKSVILLE**
 SUBDIVISION **CHapel Woods II** SECTION LOT **11**

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	
SAND	0	24	
GRAY Micr. Rock	24	365	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **7** NO. OF POUNDS **658**
 GALLONS OF WATER **42**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **24** 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** **28**

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

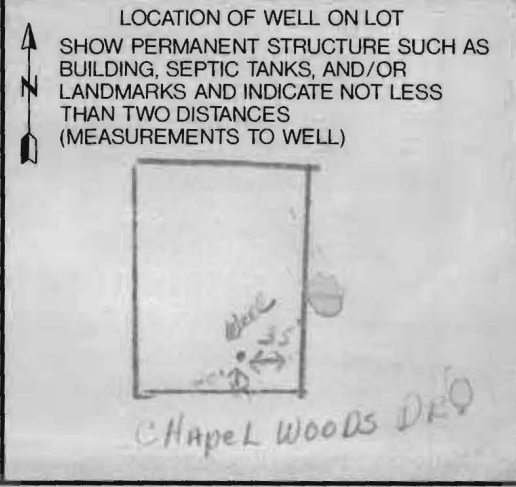
C 2
 DEPTH (nearest ft.)
 E A C H S C R E E N
 1 **HO** **29** **365**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **1**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **14**
 WHEN PUMPING **255**
 TYPE OF PUMP USED (for test)
 air piston turbine
 centrifugal rotary other (describe below)
 jet 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
 below } **1** (nearest foot)



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. **238**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

DRILLER County

B 1 **8711** 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
40-88-0929
 fill in this form completely

Date Received (APA) **06/16/89**
OWNER INFORMATION
 15 Last Name **J. J. M** Owner First Name
 36 Street or RFD **5570 SLICK + PLACE**
 57 Town **LOUISIANA** 70 State 72 Zip 76 **2071044**

B 3 LOCATION OF WELL
 1 2 **HOWARD** 8 COUNTY 21
 23 SUBDIVISION **CHAPL WOODS DR** 42
 SECTION 44 46 LOT 48 50
 52 NEAREST TOWN **CLARKSVILLE** 71
 MILES FROM TOWN (enter 0 if in town) **3** 73 MI 76 77 78

DRILLER INFORMATION
 Driller's Name **Joseph L. Mayne** 77 License No. 80 **238**
 Firm Name **Joseph L. Mayne Well Drilling**
 Address **5572 Ridge Rd. Mt. Airy 21771**
 Signature **Joseph L. Mayne** Date **6/14/89**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD **CHAPL WOODS DR.** 11 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **30** 34 37 ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION
 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)
 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)

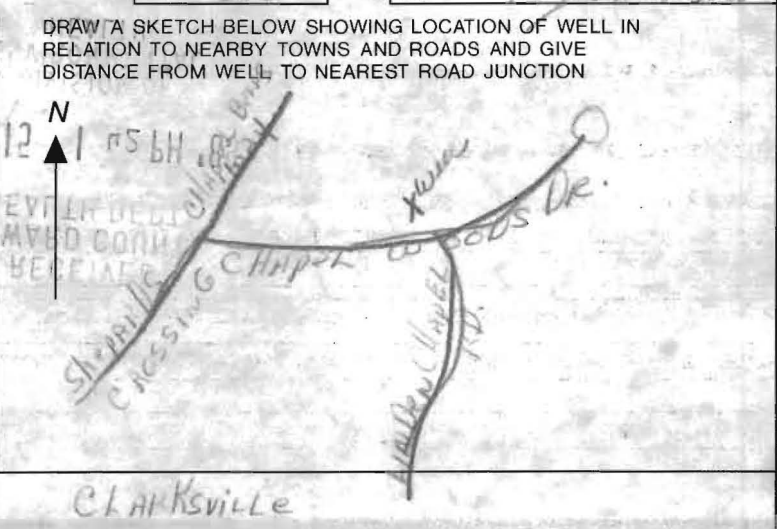
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **HOWARD** COUNTY NO. **A-37508**
 STATE SIGNATURE _____ INSERT S _____ 41
 DATE ISSUED **07/21/89** CO SIGNATURE **John C. ...** EXP. DATE **01/20/90**
 NORTH GRID **509000** EAST GRID **0820000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **300** 24 28 FEET
 APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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 **820**
 N **509**
 000 000
 10/11/89 9:30 already plotted
 7 bags of cement
 28' casing
 34' Grout - open
 1' casing above gravel
 Top on site

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 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 _____ 54 63
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **40-88-0929**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0929
 Location of property (road) Chapel Woods Dr.
 Subdivision Chapel Woods II Lot 11 Block _____ Plat _____ Sec. _____
 Well Driller J. Mayne Owner JTM, Inc.

Depth of well 365'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 19'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 15 gpm
 Total time 45 min. to reach pumping water level 254 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)
8:15	145	4		15
8:30	255	5		12
8:45	254	60		1
9:00	254	60		1
9:15	254	60		1
9:30	254	60		1
9:45	254	60		1
10:00	254	60		1
10:15	253	60		1
10:30	253	60		1
10:45	252	60		1
11:00	252	60		1
11:15	251	60		1
11:30	251	60		1
11:45	251	60		1
12:00	251	60		1
12:15	251	60		1
12:30	251	60		1
12:45	251	40		1
1:00	251	60		1
1:15	251	60		1
1:30	251	60		1
1:45	251	60		1
2:00	251	60		1

J.J.M., Inc.

Residential and Commercial Developer

5570-205 STERRETT PL.
COLUMBIA, MD. 21044
Phone: (301) 740-4466

March 29, 1990

Mr. Craig Williams
Howard County Environmental
Health Department
3525 Ellicott Mills
Ellicott City, Maryland 21043

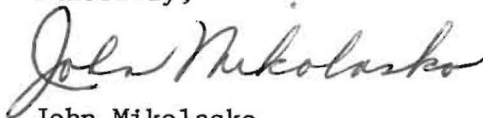
Re: Chapel Woods II
Lots #11, 16, 23 & 25

Dear Mr. Williams:

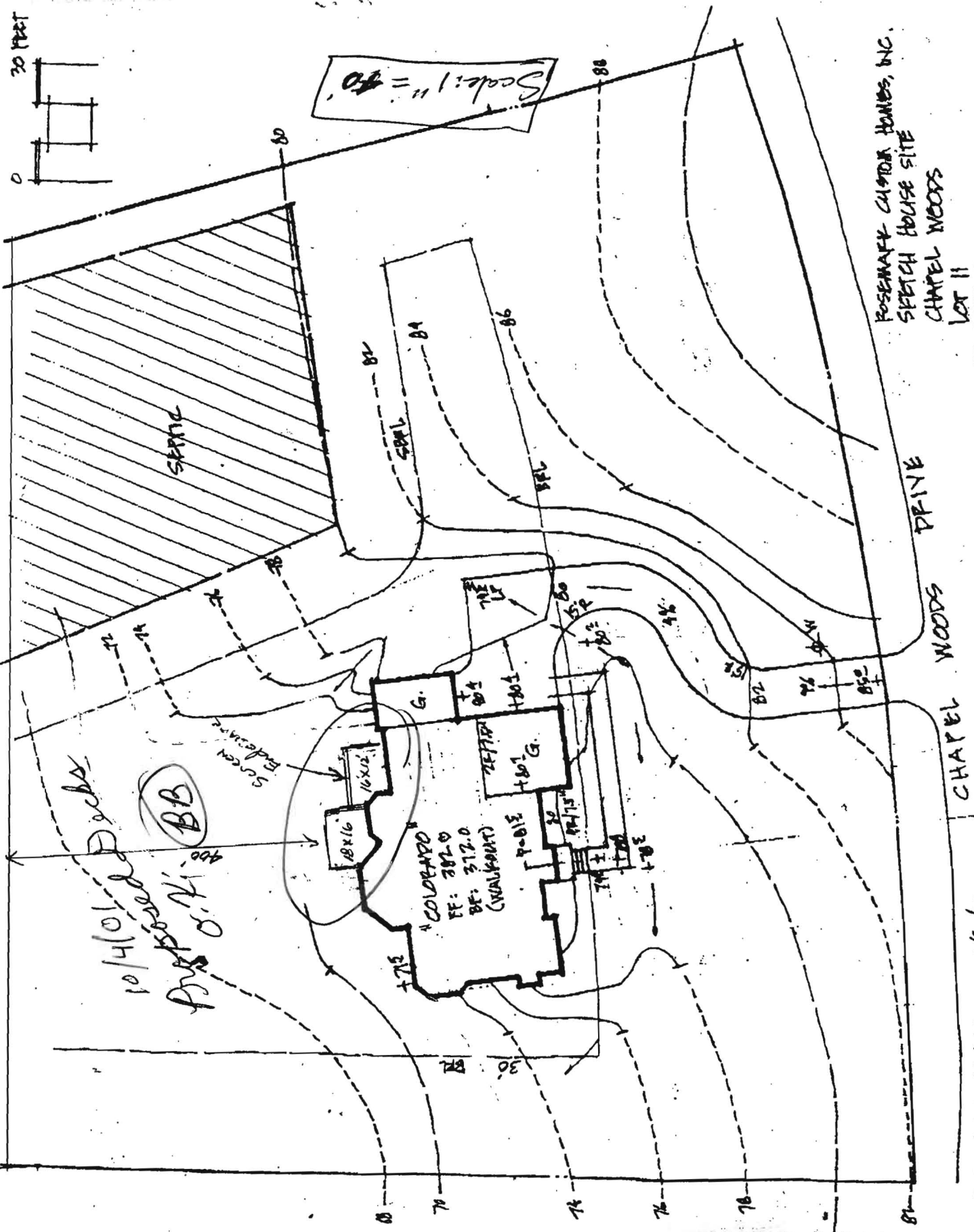
As a follow up to our telephone conversation, this is to advise you that we are requesting permits to redrill the subject Lots # 11, 16, 23 & 25 in Chapel Woods II because the contracts call for at least two gallons per minute and these lots are below that minimum.

Should you require anything further, please contact me at (301) 740-4466.

Sincerely,



John Mikolasko
Managing Partner
J.J.M. Partnership



ROSEMARY CUSTOM HOMES, INC.
 SKETCH HOUSE SITE
 CHAPEL WOODS
 LOT 11