

C 1 4803	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			COUNTY NUMBER
ST/CO USE ONLY DATE Received MM DD YY	DATE WELL COMPLETED MM DD YY 2-11-09	Depth of Well 22 300 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-95-1721

OWNER last name first name Tatt Fred & Susanna	TOWN Woodstock
STREET OR RFD 1565 Woodstock Road	SECTION
SUBDIVISION	LOT

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	
Brown rocky soil	0	10	
Broken rock & brown sandy mix	10	17	
Gray rock	17	300	
water-bearing		23	✓

GROUTING RECORD		
WELL HAS BEEN GROUTED (Circle Appropriate Box)		
YES <input checked="" type="checkbox"/> Y	NO <input type="checkbox"/> N	
TYPE OF GROUTING MATERIAL (Circle one)		
CEMENT <input checked="" type="checkbox"/> CM	BENTONITE CLAY <input type="checkbox"/> BC	
NO. OF BAGS 45 46 28	NO. OF POUNDS 45 46 3032	
GALLONS OF WATER 168		
DEPTH OF GROUT SEAL (to nearest foot)		
from 46 TOP 52 ft. to 21 54 BOTTOM 58 ft.		
(enter 0 if from surface)		
CASING RECORD		
casing types insert appropriate code below	<input checked="" type="checkbox"/> ST STEEL	<input type="checkbox"/> CO CONCRETE
	<input type="checkbox"/> PL PLASTIC	<input type="checkbox"/> OT OTHER
	MAIN CASING TYPE	
	Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)	
60 61	63 64	66 70

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

SCREEN RECORD	
screen type or open hole	<input checked="" type="checkbox"/> ST STEEL <input type="checkbox"/> BR BRASS <input type="checkbox"/> HO OPEN HOLE
(insert appropriate code below)	<input type="checkbox"/> PL PLASTIC <input type="checkbox"/> OT OTHER

DEPTH (nearest ft.)	
1 2	300
1 8 9 11 15 17 21	
2 23 24 26 30 32 36	
3 38 39 41 45 47 51	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
56 60	
from to	

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	68
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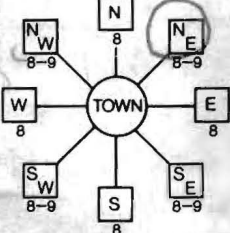
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.)	W Q
70	72
TELESCOPE CASING	LOG INDICATOR
	74 75 76 OTHER DATA

PUMPING TEST		
HOURS PUMPED (nearest hour)	3	
PUMPING RATE (gal. per min.)	12	
METHOD USED TO MEASURE PUMPING RATE	watch bucket	
WATER LEVEL (distance from land surface)		
BEFORE PUMPING	7 ft.	
WHEN PUMPING	130 ft.	
TYPE OF PUMP USED (for test)		
<input type="checkbox"/> A air	<input type="checkbox"/> P piston	<input type="checkbox"/> T turbine
<input type="checkbox"/> C centrifugal	<input type="checkbox"/> R rotary	<input type="checkbox"/> O other (describe below)
<input type="checkbox"/> J jet	<input checked="" type="checkbox"/> S submersible	

PUMP INSTALLED	
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)	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.	29
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	31 35
PUMP HORSE POWER	37 41
PUMP COLUMN LENGTH (nearest ft.)	43 47
CASING HEIGHT (circle appropriate box and enter casing height)	
<input checked="" type="checkbox"/> + above	
<input type="checkbox"/> - below	
LAND SURFACE (nearest foot)	2

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)	
see attached drawing	

NUMBER OF UNSUCCESSFUL WELLS: 1	
WELL HYDROFRACTURED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
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 LIC. NO. 1 M S D 63	
DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
LIC. NO. 1 D	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

B 1	0728	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER <u>HO-95-1721</u> <small>fill in this form completely</small>
Date Received (APA) 8 MM DD YY 13		OWNER INFORMATION		
15 Last Name <u>Taft</u>		34 First Name <u>Fred & Susanna</u>		LOCATION OF WELL 8 COUNTY <u>Howard</u> 21 23 SUBDIVISION _____ 42 SECTION <u>44</u> <u>46</u> LOT <u>48</u> <u>50</u> <u>Woodstock</u> 52 NEAREST TOWN _____ 71 MILES FROM TOWN (enter 0 if in town) <u>1</u> M I 73 76 77 78
36 Street or RFD <u>Woodstock MD 21163</u>		55		
57 Town _____ 70 State _____ 72 Zip _____ 76				
DRILLER INFORMATION				
Driller's Name <u>Daniel Patton</u>		76 License No. <u>MSD163</u>		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 
Firm Name <u>Patton Well Drilling</u>		81		
Address <u>6810 Cornell Road Middle River, MD 21220</u>				
Signature <u>Daniel Patton</u>		Date <u>4/22/08</u>		
WELL INFORMATION				
APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u>		8 12		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="checkbox"/> N <input type="checkbox"/> NE <input type="checkbox"/> E <input type="checkbox"/> SE <input type="checkbox"/> S <input type="checkbox"/> SW <input type="checkbox"/> W <input type="checkbox"/> WEST 34 <u>60</u> 37 DISTANCE FROM ROAD <u>60</u> FT ENTER FT OR MI 38 39 TAX MAP: <u>10</u> BLK: <u>18</u> PARCEL <u>144</u>
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		14 20		
USE FOR WATER (CIRCLE APPROPRIATE BOX)				
<input checked="" type="radio"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="radio"/> PUBLIC WATER SUPPLY WELL <input type="radio"/> TEST, OBSERVATION, MONITORING <input type="radio"/> GEO-THERMAL				
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL				
COUNTY NAME <u>Howard</u> COUNTY NO. <u>15</u> STATE SIGNATURE _____ INSERT S → DATE ISSUED <u>11/25/09</u> EXP. DATE <u>11/25/09</u> 43 MM DD YY 48 CO SIGNATURE _____ NORTH GRID <u>544</u> 0 0 0 EAST GRID <u>836</u> 0 0 0 50 55 57 63				
APPROXIMATE DEPTH OF WELL <u>300</u> FEET 24 28		NEAREST INCH		
APPROXIMATE DIAMETER OF WELL <u>6</u>				
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)				
<input type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input checked="" type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> THIS WELL WILL DEEPEMED AN EXISTING WELL				
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52 _____				
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROX. PERMIT NUMBER _____ G _____				
PERMIT No. <u>HO-95-1721</u> 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS <u>See Attached Memo Dated 11/25/08</u>				

Patton Well Drilling
6810 Cornell Road
Baltimore, MD 21220

PAGE 1

Date Test Completed: 2-11-09

Well Depth: 300 feet

Owner Fred & Susanna Taft
1565 Woodstock Road
Woodstock, MD 21163
HO-95-1721

Section N/A

Lot _____

~~Director~~ N/A

Pumpage Test Results

THE

Water Level

**Time to Fill
1-gallon bucket
seconds**

G. P. M.

OR PRESSURE IN TANK

[illegible]

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: _____ Telephone #: _____
Address: _____

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): _____ License# _____

***A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.**

Name of Property Owner: _____ Telephone #: _____
Subdivision: _____ Lot #: _____ Well Tag #: HO - 95-1721
Site Address: 1565 Woodstock Road

Submersible Pump Data

Make: _____

Model #: _____

Pump Capacity _____ GPM

Well Yield: _____ GPM

Depth of well encountered at time of pump installation: _____ (feet)

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 _____

Pitless Adapter

Make: _____

Model #: _____

Depth: _____ (36" min)

NSF approved: _____

Well Cap and Electric Conduit

Two piece watertight cap: _____

Screened, vented well cap: _____

Cap secured to casing: _____

Conduit min 18" B.G.: _____

Conduit secured to well cap: _____

Piping to house

Type: _____

PSI: _____ (160 psi min)

Depth of supply line: _____ (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: _____

Approximate length of sleeve: _____

Sleeve caulked and sealed properly: _____

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 _____

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 6/12/09

Date Insp. Approved: _____

Inspection Data: Pitless adapter and water supply line at least 36" below grade ☒

Two piece cap installed and attached to casing securely ☒

Elec. conduit extends at least 18" below grade/attached to cap properly ☒

Safety rope installed inside of well casing ☒

Correct well tag attached properly and casing 8" above finished grade ☒

Water supply line sleeved adequately at house connection ☒

Adequate grout observed below pitless adapter ☒

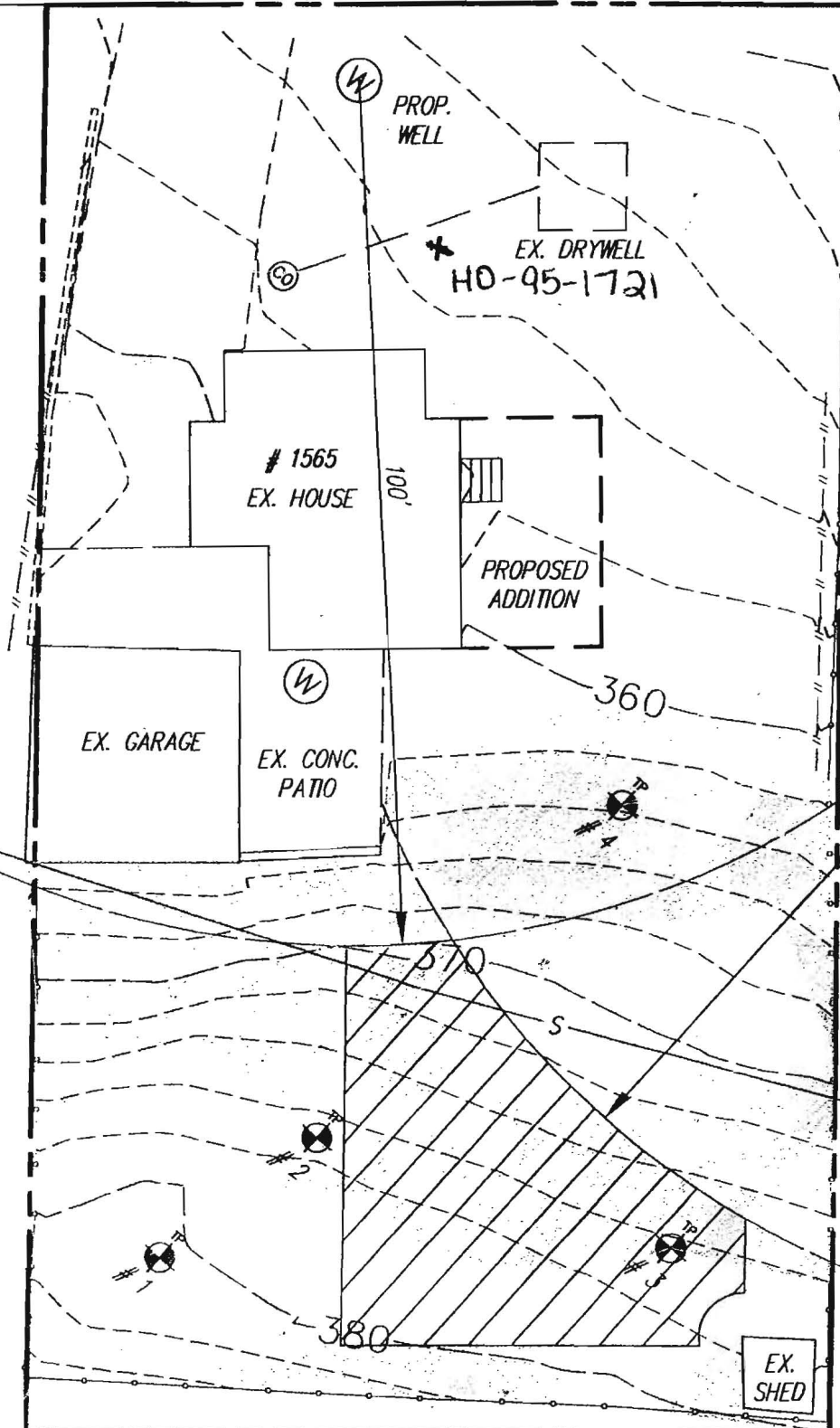
6/12/09
Major issues w/
well. Need metal
well cap (not plastic)
check final grade.
Pitless right @ 36".
Casing needs to be extended.
Tag Burned. (KW)

11/25/08 well site OK

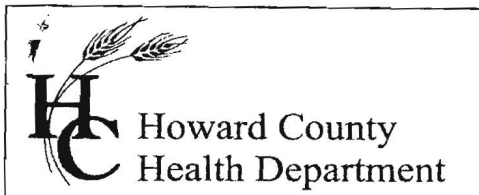
90

WOODSTOCK ROAD

ALL SITE
WILL BE
IN PERMIT.
TO MEET
PRIOR TO BUILDING



N/E PR
CECIL WIL
VIVAL
L 485 FT.

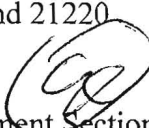


7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L Beilenson, M.D., M.P.H., Health Officer

MEMORANDUM – SPECIAL CONDITIONS

TO: Daniel Patton
Patton Well Drilling
6810 Cornell Road
Middle River, Maryland 21220

FROM: Stuart F. Oster, R.S. 
Groundwater Management Section Supervisor
Well and Septic Program

DATE: November 25, 2008

RE: Well Tag: HO-95-1721
Title: Taft Property
1565 Woodstock Rd
Woodstock, Md. 21163
0.35 Ac.
Map 10, Grid 18, Parcel 144

The well driller must contact the Health Department within 24 hours before being ready to drill. The well driller must provide a profile of the formations penetrated and water bearing points prior to the setting of the casing. Because of the underlying conditions of the small lot size, up gradient new sewage disposal and the proximity of the to be abandoned existing septic tank and drywell, the casing may have to be set deeper to protect it from potential contamination. Also, this lot is in our Radium testing area and we will need to be notified when the yield test is going to occur so we can schedule to collect a water sample.

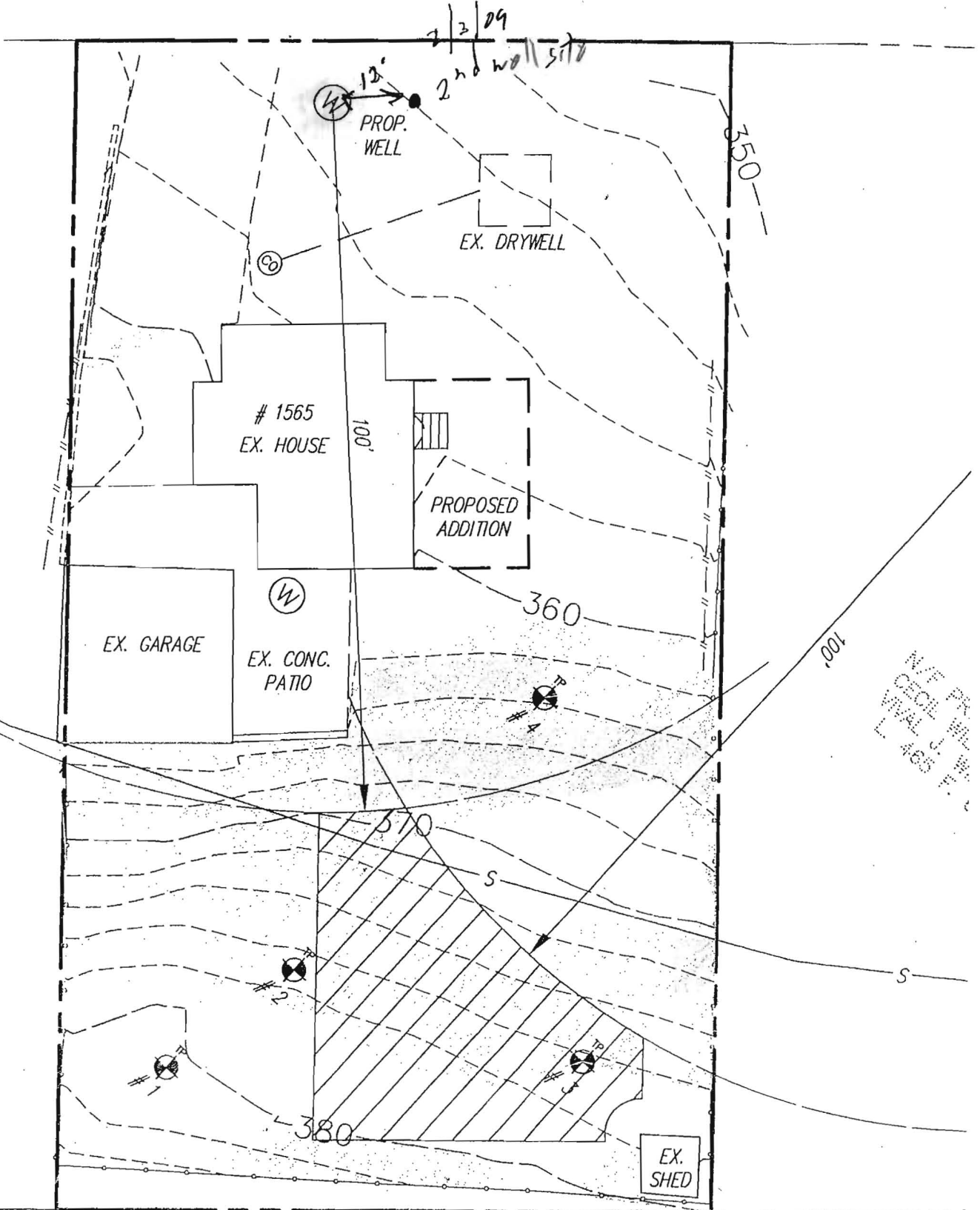
C: File

11/25/08 well site OK

90

WOODSTOCK ROAD

SITE
WILL BE
IN PERMIT.
TO MEET
PRIOR TO BUILDING



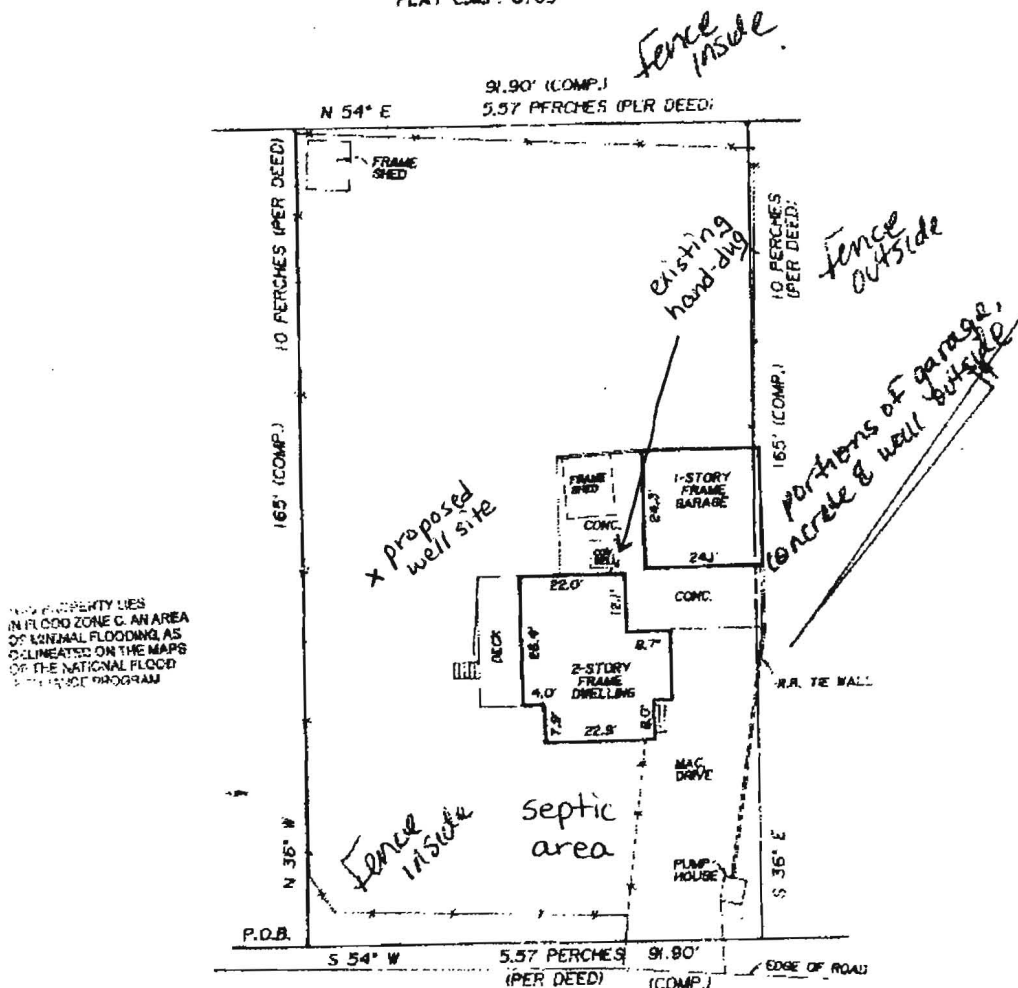
LANDTECH ASSOCIATES, INC.

1400 CRAIN HIGHWAY, N.W. SUITE 700, GLEN HELEN, MD 20829
410-264-1311 FAX 410-264-1300

NOTE: NOT TO BE USED FOR THE ISSUANCE OF PERMITS.

Fred & Susanna Taft
443-324-8638

BOERSCHEL ACRES
PLAT C.M.P. 8735



WOODSTOCK ROAD

PROPERTY LINE SURVEY IS RECOMMENDED TO DETERMINE THE EXACT LOCATION OF IMPROVEMENTS AND/OR ENCROACHMENTS, IF ANY.

Notes

- 1) This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing.
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
- 3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
- 4) No title report furnished.

Certification: This is to certify that the improvements indicated hereon are located as shown.

LIBER 5351 FOLIO 244
LOT BLOCK SECT PLAT
PLAT ENTERED
RECORDED IN HOWARD CO. MD
PLAT BOOK FOLIO

Graden A. Rogers
GRADEN A. ROGERS, Proprietor, L.S. MD Lic. No. 119

1565 WOODSTOCK ROAD

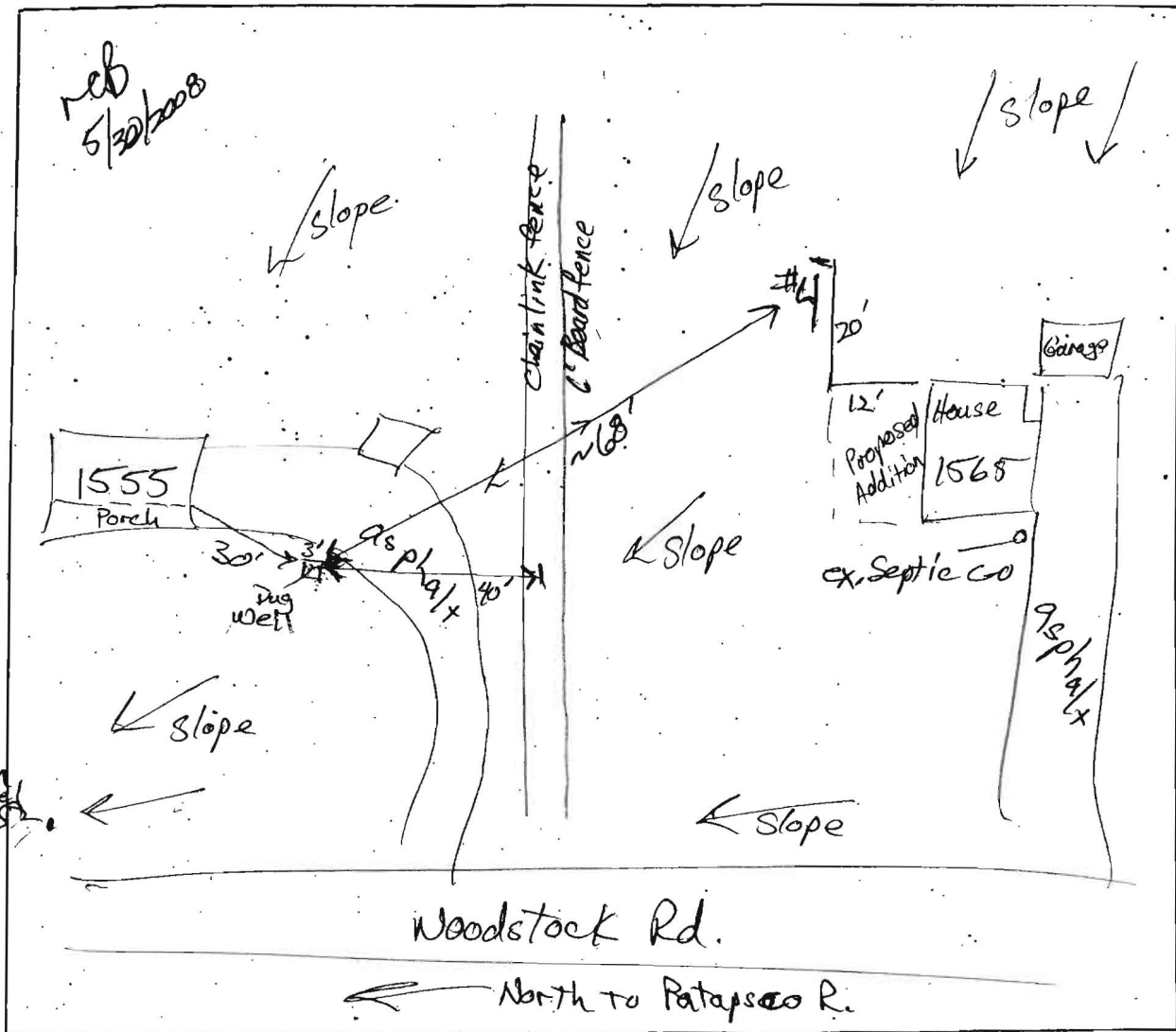
SCALE 1" = 30'
DATE 6-22-2004 CASE NO. 04-04-02004
JOB NO. TW20041901



SITE INSPECTION SHEET

OWNER: Taft PHONE #: _____
ADDRESS: 1565 Woodstock Road CONTRACTOR: _____
WELL TAG #: _____
SUBDIVISION: _____ LOT: _____ COUNTY #: _____
PROPOSAL: location of (downgradient) neighbor's well

LOCATION DIAGRAM



COMMENTS: Well at 1555 Woodstock road is round, constructed of Stacked Stone, about 3'-diameter. Water level on 5/30/08 Cover is Plywood on 2"x4" frame. was about 6' from soil surface.