

APPLICATION

2PM

PERCOLATION TESTING

A 40547

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

11/20/87
OIC TO PROCESS SA
12/1/87
Approve well
SITE AT TIME OF
PERC SA

P _____

DISTRICT 5TH

DATE 11-25-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MILDRED J. NIXON, RANDALL K. NIXON, REGINALD NIXON

ADDRESS 2800 Rt 32, WEST FRIENDSHIP 21744 PHONE 442-2151

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: 2800 Rt 32

SUBDIVISION NIXON'S FARM INC LOT NO. _____

ROAD AND DESCRIPTION 1 mile South of Rt 70 on 32

TAX MAP 15 PARCEL # 90

SIZE OF LOT 130 ACRES TYPE BLDG Residential S/F/D
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

James W. May (Contractor)
(SIGNATURE OF APPLICANT)

APPROVED BY S. Abel FOR Deep timber DATE 4-19-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

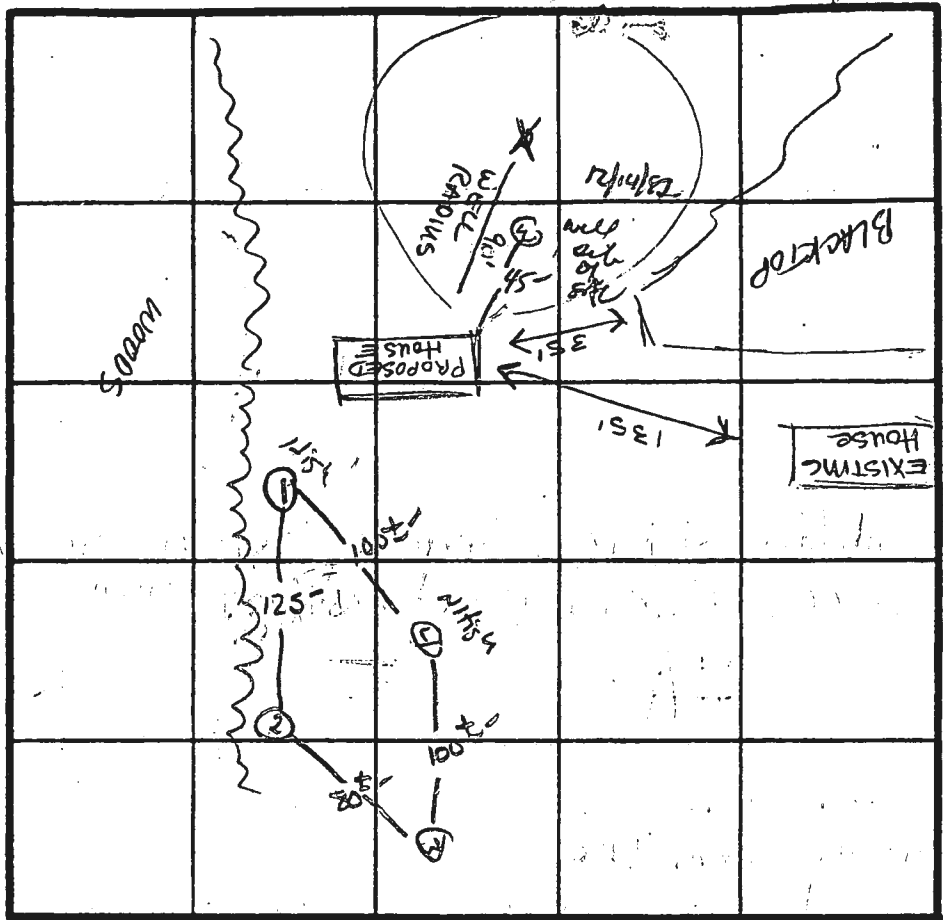
REASONS FOR REJECTION OR HOLDING 12-14-87 Perc Satisfactory, Hold for Plat. SAH

BLDG. PERMIT SIGNED
AND RETURNED 4-19-88

BP17821 SAH

THIS IS NOT A PERMIT

HD-216



\bar{X} Perc 7 min
 170 ϕ / or
 Inlet Bottom
 3.5 8.5

① ② ③
 SOIL PROFILE

| | |
|-----|--|
| 6' | AP Hx Yellow Br Red Brown Silty CL Lm. <10% FRAGS |
| 3' | Yellow Br- Brown Silt Loam Highly micaceous 10-15% FRAGS |
| 13' | |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②

| | |
|------|---|
| 6' | Hx AP Yellow Br Silty CLAY LOAM <10% FRAGS Small AMTS of QUARTZITE AP 3-3.5 |
| 3.5' | Red yellow Silt loam Highly micaceous 10-15% FRAGS |
| 10' | Brown - highly micaceous silt loam |
| 13' | |

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|----------|-------|----------------------------------|------|----------------|------|-------|
| | | | START | STOP | START | STOP | |
| 12/14/87 | 1S | 3" | 1:18 | 1:24 | 1:24 | 1:32 | 8 MIN |
| | 1M | 8" | 1:19 | 1:24 | 1:24 | 1:31 | 7 MIN |
| | 1V | 13" | UNIFORM below 3" | | | | |
| | 2S | 5" | 1:33 | 1:35 | 1:35 | 1:40 | 5 MIN |
| | 2V | 13" | UNIFORM below 5" - SAME AS #1 | | 1 w/ more clay | | |
| | 3S | 4" | 1:38 | 1:40 | 1:40 | 1:45 | 5 MIN |
| | 3V | 13" | UNIFORM below 3.5" | | | | |
| | 4V | 13" | UNIFORM below 3" - SIMILAR TO #1 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS _____
 TYPE OF SOIL CHESTER Lm.
 TESTED BY S. Abel ALSO PRESENT SISIP, ROBERT

C1 2104 SEQUENCE NO. (OEP-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 38851

DATE RECEIVED

DATE WELL COMPLETED 036888

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2492

OWNER NIXON MILDRED & RANDALL
 STREET OR RFD. 2800 ROUTE 32 first name TOWN WEST FRIENDSHIP
 SUBDIVISION MAP 15 Q16 P.90 SECTION 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 | |
| Topsoil | 0 | 1 | |
| Red clay | 1 | 5 | |
| Loam | | 35 | |
| blue mica | 35 | 40 | |
| gray mica | 40 | 95 | |
| hard mica | 95 | 105 | |
| gray mica | 105 | 300 | |

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 10 NO. OF POUNDS 1000
 GALLONS OF WATER 50
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 33 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter (nearest inch) Total depth (nearest foot)
 ST 6 60

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

DEPTH (nearest ft.)
 H O 50 300

CIRCLE APPROPRIATE LETTER
 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 40
 DRILLERS SIGNATURE
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 TELESCOPE CASING LOG INDICATOR OTHER DATA

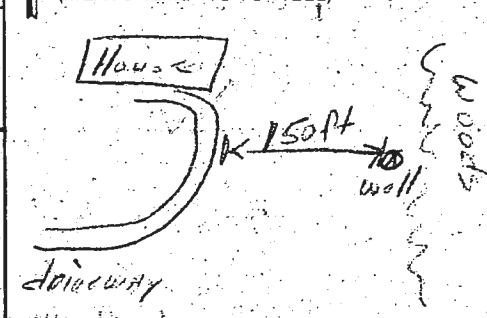
PUMPING TEST

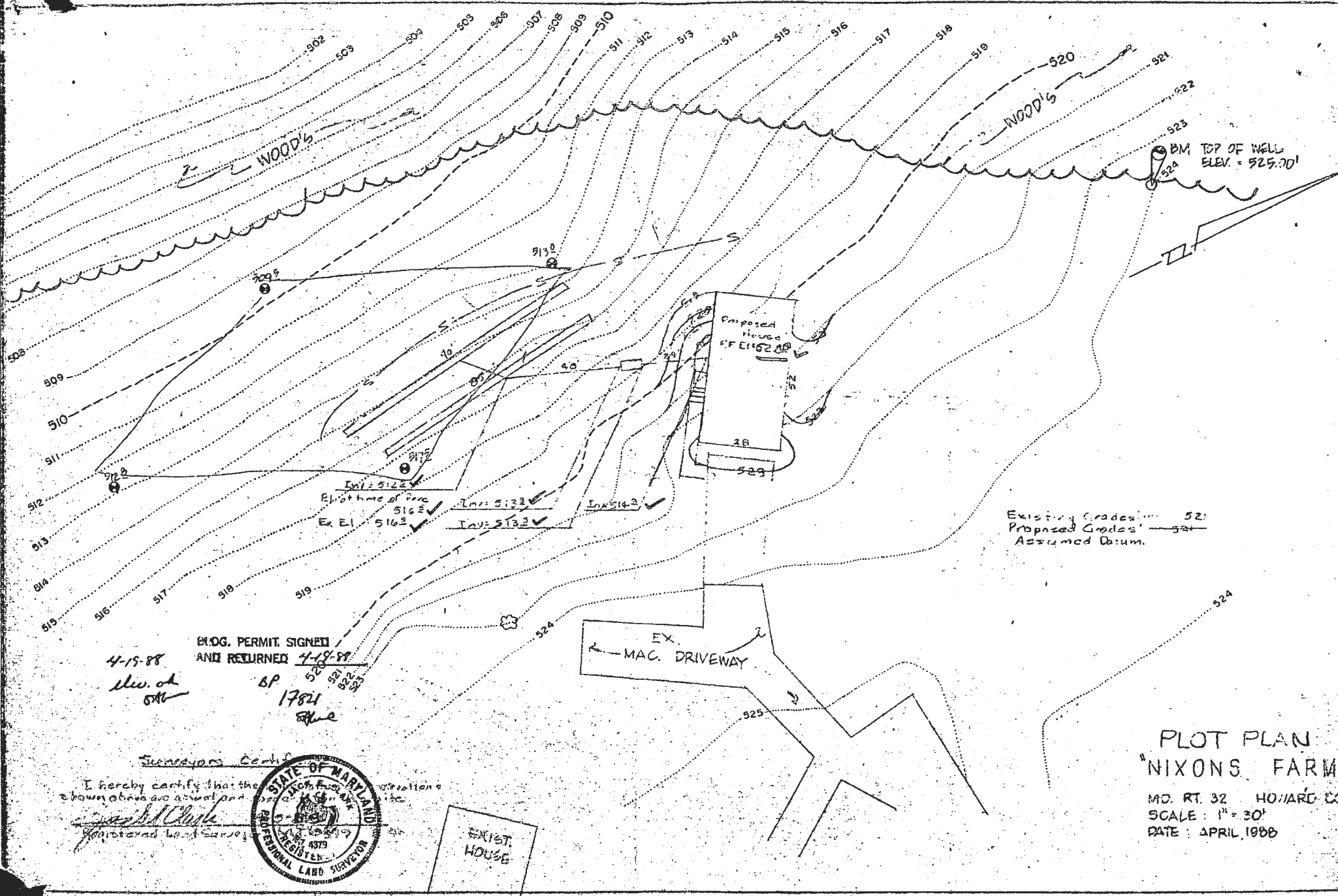
HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min. to nearest gal.) 3
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 37
 WHEN PUMPING 101
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S 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 (nearest foot)
 - below }

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)





BM TOP OF WELL
ELEV. = 925.00'

Existing Grades: 52'
Proposed Grades: - - - - 52'
Assumed Datum.

BLDG. PERMIT SIGNED
AND RETURNED 4-18-88
4-15-88
Elev. of
521
BP 17821
522
523

Surveyors Cert
I hereby certify that the
shown above are correct and
Professional Land Surveyor
STATE OF MARYLAND
PROFESSIONAL LAND SURVEYOR
No. 4319
REGISTERED

PLOT PLAN
"NIXONS FARM"
MD. RT. 32 HOWARD CO.
SCALE: 1" = 30'
DATE: APRIL 1988

EXIST.
HOUSE