

10-31-91  
am asap

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 47462

A 39217

DISTRICT 4th

DATE 9/11/91

DATE SYSTEM APPROVED 10/31/91

INSPECTOR RH

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
461-9933

C. S. Zabel, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 15039 Oak Orchard Road, New Windsor, Maryland 21776 PHONE 875-2964

SUBDIVISION Foxport Plantation LOT 4 ROAD 15519 Bushy Tail Run

PROPERTY OWNER R. E. Pope

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2 feet below original grade. 1 1/2 - 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 60 feet from the left side of the lot as seen when facing the lot from Bushy Tail Run and 180 feet from the back line which is 375.00 feet long. Run the trenches toward the left side of the lot and the right side of the lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/11/91 RH

PLANS APPROVED BY Raymond Hodges cm DATE 01/19/89

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

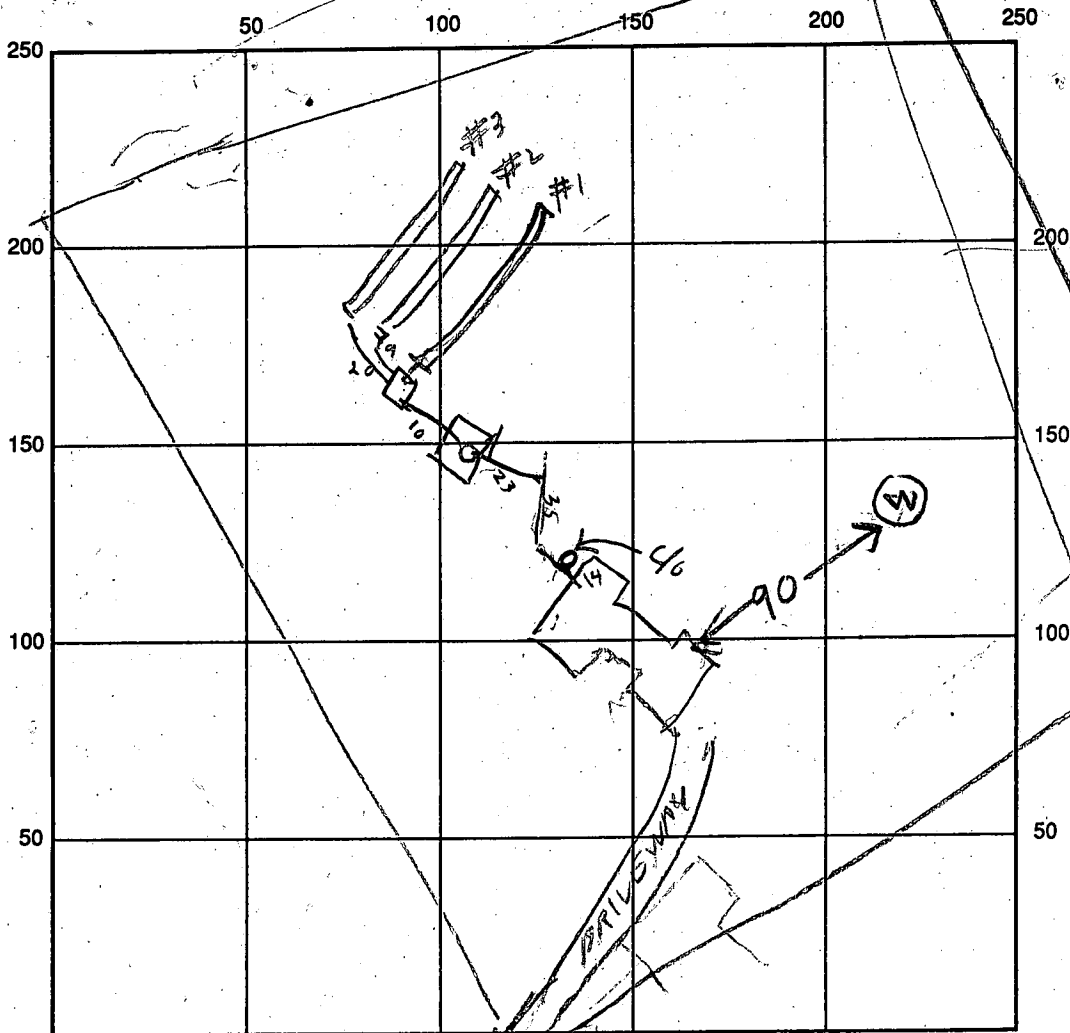
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A  
39217



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250

CLEANOUTS ST

DISTRIBUTION BOX LEVEL OK Baffle

DRAIN FIELD/TITLE DEPTH 4-5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2-2 FT.

TOTAL LENGTH 

1	2	3	TOTAL
98	98	95	291

 FT.

NUMBER OF TRENCHES 3

ONE-SIDEWALL/BOTTOM AREA 873 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT.

EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: \_\_\_\_\_

DATE SYSTEM APPROVED 10/31/91

INSPECTOR Raymond Hodges

# APPLICATION

PERCOLATION TESTING

A 39217

P \_\_\_\_\_

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

DISTRICT: 476

DATE: 4-24-87

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 DONALD RIPPEON R. E. Pope

ADDRESS 15474 BUSHY PARK RD PHONE 301-595-8420

PROSPECTIVE BUYER UNITED GENERAL CONTRACTORS

ADDRESS 8370 COURT AVE, ELLICOTT CITY PHONE 461-2227

PROPERTY LOCATION:

SUBDIVISION RIPPEON PROPERTY LOT NO. 4

ROAD AND DESCRIPTION CORNER OF CARR'S MILL & BUSHY PARK ROAD, WOODINE,

HOWARD COUNTY (15379 Bushy Tail Run)

TAX MAP 14 & 8 PARCEL # 9 & 12

SIZE OF LOT @ 3 acre lot TYPE BLDG. SFD  
(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.

Donald Rippeon  
(SIGNATURE OF APPLICANT)

APPROVED BY JRH FOR Shelton Trender DATE 1/19/89

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING did not perc OK / hold for plat RJA

BLDG. PERMIT SIGNED

AND RETURNED 7/24/91

Serial # 38934-SFD

4 Bedroom

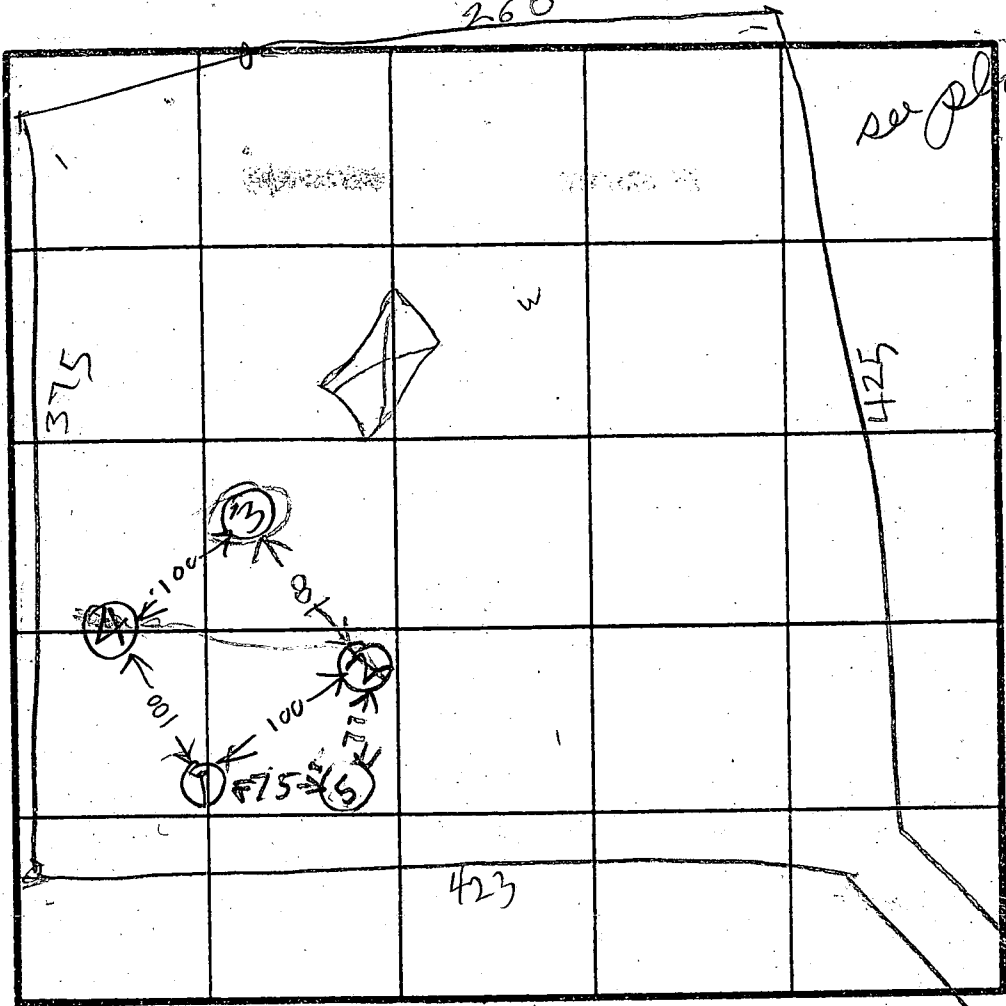
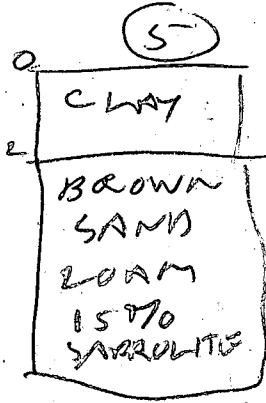
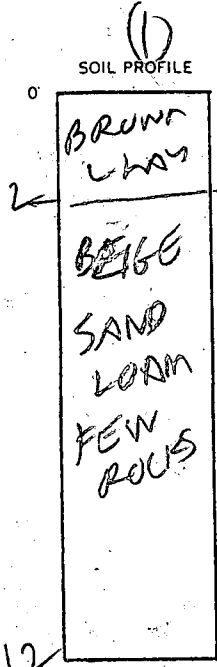
# THIS IS NOT A PERMIT

Lot 4

260

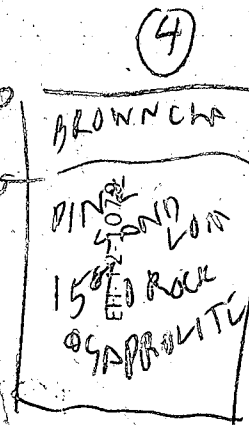
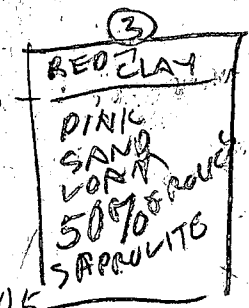
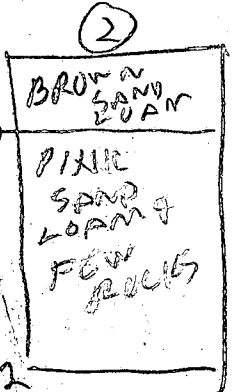
see plat

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole Elevations  
 (2)(3) = High  
 (5) = medium  
 (15) = low  
 max depth 3 ft  
 air time 8 min



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
6/18/07	15	4	224	225	225	230	5	
	17	12	OK	31			26	
6/18/07	23	4	225	230	230	245	15	
	24	12	ROK				21	
	35	3	241	247	247	250	11	
	3V	6	242	which	14 sec	2 inch 20 sec	TOO FAST	
	3V	10.5	UNSAT TO FAST & ROCKY					
	44	3	253	257	257	305	8	
	4V	11	OK					
	55	3	320	321	321	323	2	
	5V	12	OK					

REMARKS: Holes (1)(2)(3)(4) per test plat  
 Hole (5) different  
 TYPE OF SOIL:  
 TESTED BY: R. HODGES

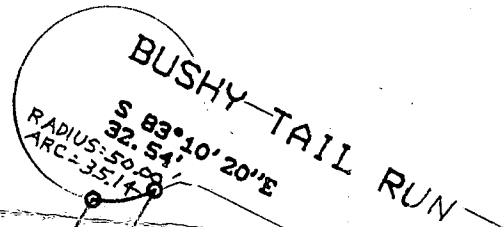
Backhoe: DONN BROWN  
 ALSO PRESENT: JEFF ALLEN  
 Consultant: SKILE NICHOLS  
 YAVE FINNERT

# William E. Doyle

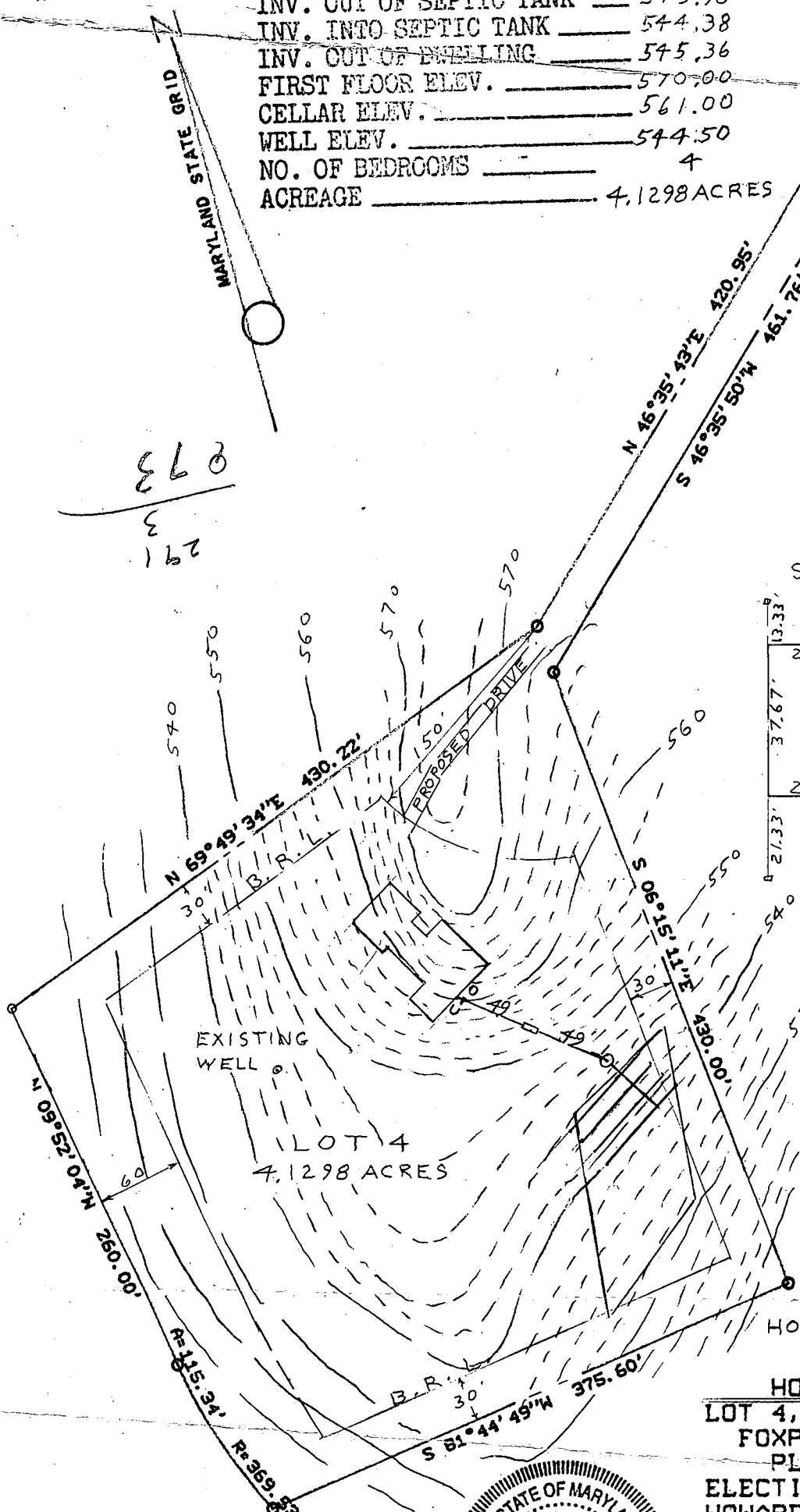
LAND SURVEYOR 8440

8312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210

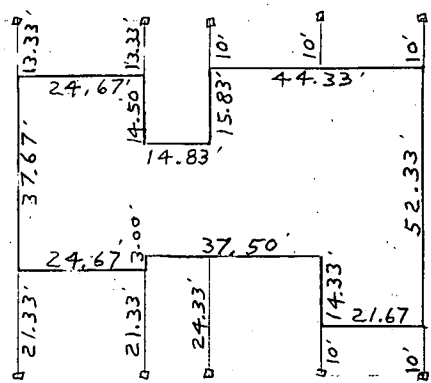
EXIST, GRN. AT DISTR. BOX \_\_\_\_\_ 545.00  
 INV. IN DISTR. BOX \_\_\_\_\_ 543.00  
 INV. OUT OF SEPTIC TANK \_\_\_\_\_ 543.98  
 INV. INTO SEPTIC TANK \_\_\_\_\_ 544.38  
 INV. OUT OF DWELLING \_\_\_\_\_ 545.36  
 FIRST FLOOR ELEV. \_\_\_\_\_ 570.00  
 CELLAR ELEV. \_\_\_\_\_ 561.00  
 WELL ELEV. \_\_\_\_\_ 544.50  
 NO. OF BEDROOMS \_\_\_\_\_ 4  
 ACREAGE \_\_\_\_\_ 4.1298 ACRES



873  
 3  
 291

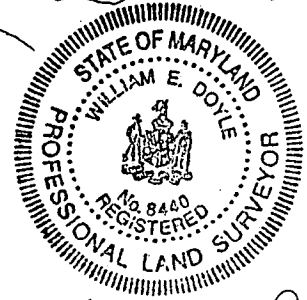


"INSET"  
 SCALE: 1" = 40'



REVISED  
 PLANS OK  
 7/24/91  
 RH

BUILDING PERMIT NO. 38934



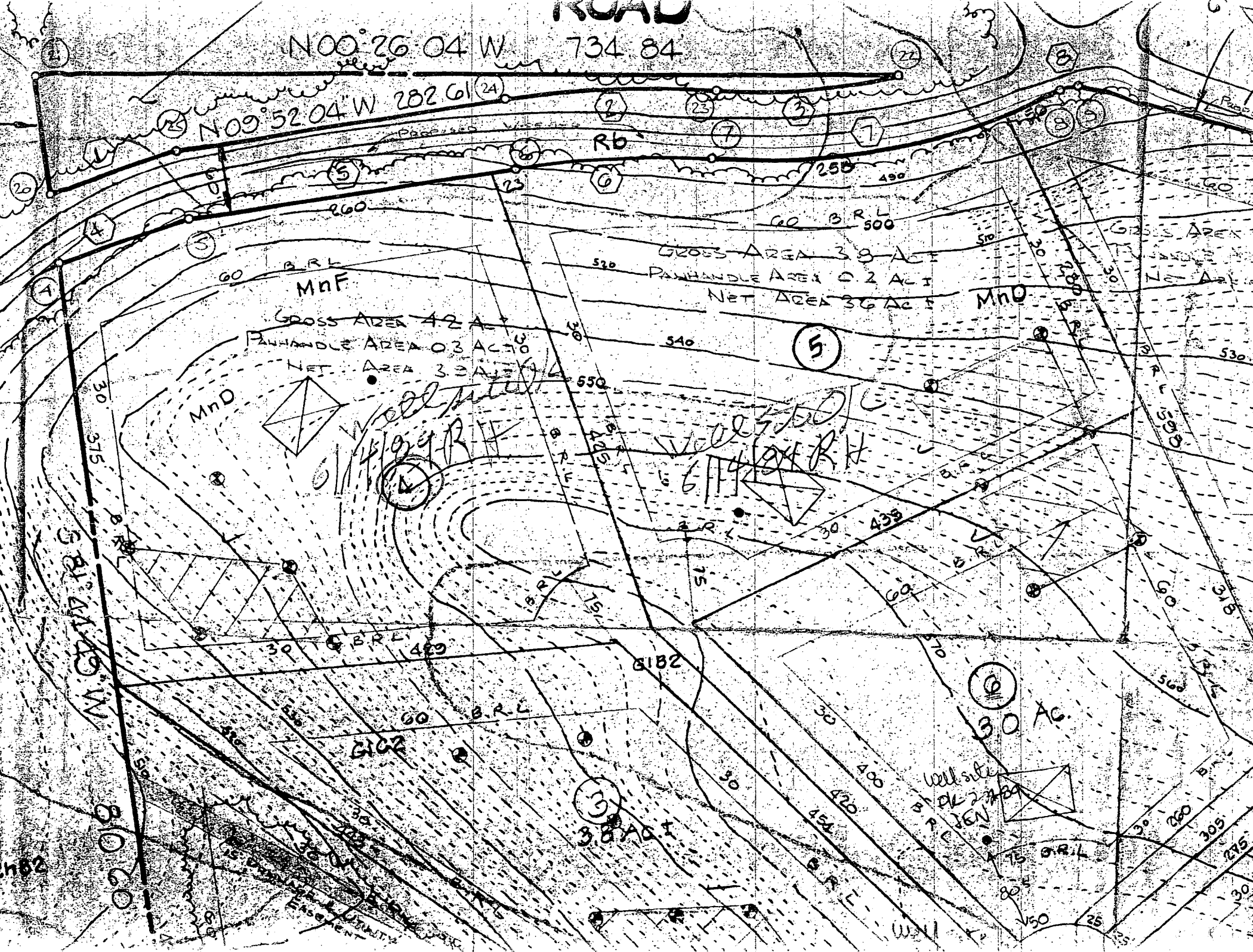
William E. Doyle

HOUSE NO. 15519  
 HOUSE STAKEOUT  
 LOT 4, BUSHY TAIL RUN  
 FOXPORT PLANTATION  
 PLAT NO. 8429  
 ELECTION DISTRICT: 4  
 HOWARD COUNTY, MARYLAND  
 DRAWN: JULY 8, 1991  
 SCALE: 1" = 100'  
 REVISED: JULY 20, 1991  
 FILE NO. 882

KUAD

N00°26'04" W 734.84

N09°52'04" W 282.61



MnF

GROSS AREA 42 AC

PANHANDLE AREA 0.3 AC

NET AREA 32 AC

MnD

MnD

GROSS AREA 38 AC

PANHANDLE AREA 0.2 AC

NET AREA 36 AC

30 AC

38 AC

Well site  
PK 2784

75 B.R.L.

Well

ch82

B 1 **7967** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

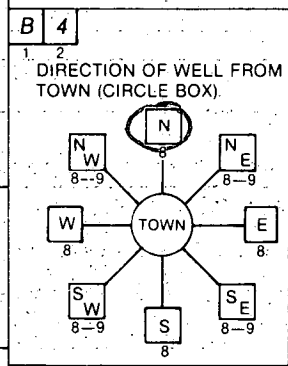
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-88-0754**  
 fill in this form completely

Date Received (APA) **011789**  
 OWNER INFORMATION  
**THE BRYANT GROUP**  
 Last Name Owner First Name  
**2815 HARKWOOD ROAD**  
 Street or RFD  
**FALLS CHURCH VA 22043**  
 Town State Zip

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**FOXPORT PLANTATION** SUBDIVISION  
 SECTION **4** LOT **4**  
**BLEWWOOD** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **2 1/2** MI

DRILLER INFORMATION  
**Joseph J. Mayne** License No. **2381**  
**Joseph J. Mayne Well Drilling** Firm Name  
**5512 Ridge Rd. Mt. Airy Md. 21771** Address  
**Joseph J. Mayne** Signature **1/9/89** Date



**Bushy Tail Run** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH [ ] WEST [ ] EAST [ ] SOUTH [ ]  
**750** DISTANCE FROM ROAD  
 ENTER FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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** COUNTY NAME **A39217** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
**061689** DATE ISSUED **Richard Hodges** CO SIGNATURE **12-16-89** EXP. DATE  
 NORTH GRID **533000** EAST GRID **0785000**

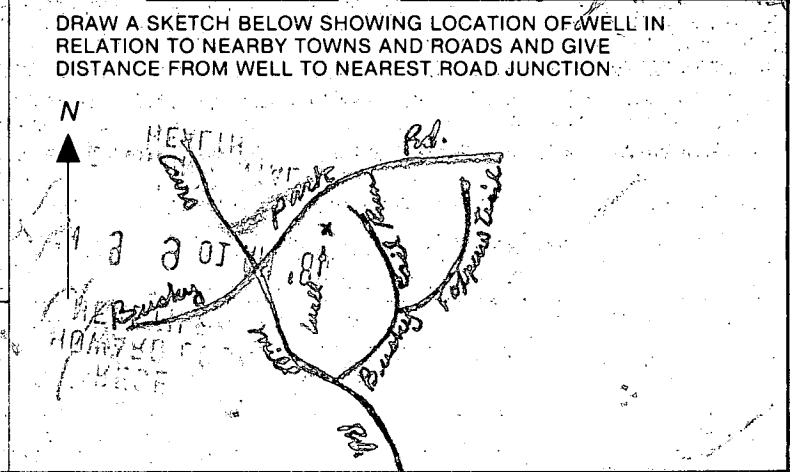
APPROXIMATE DEPTH OF WELL **220** FEET  
 APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 CABLE REVERSE-ROTARY DRIVE-POINT  
 other \_\_\_\_\_

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 **780**  
 N **530**

*9/1/89 John Mayne already on land grouted well with 36' casing 31' open gravel 9 bags of cement 2 1/2' casing above ground (Tag on it I.C.R.)*

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) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **RH** WRITE INITIALS IN BOX PERMIT No. **HO-88-0754**

SPECIAL CONDITIONS

C1 0077 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A39217

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 09/1/87

Depth of Well 320 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0754

OWNER The Original Group last name Bucky Tail first name TOWN Glenwood SUBDIVISION Forest Park SECTION LOT 4

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown Sand 0-30, Blue 30-39.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 346

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE SF Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 36

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

SCREEN RECORD screen type or open hole insert appropriate code below HO STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.) HO 34 320 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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)

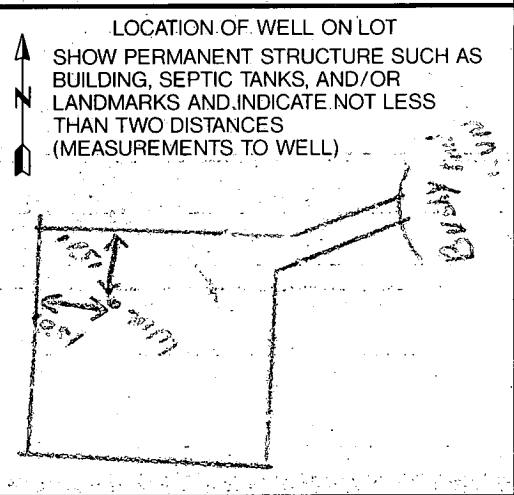
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 60 WHEN PUMPING 225 TYPE OF PUMP USED (for test) 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) LAND SURFACE (nearest foot)



HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # 47466  
Date 9/11/91

Name of Installer C. Stephen Zabel

Telephone 875-2964

License Number 6033

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner R.E. Pope

Telephone \_\_\_\_\_

Subdivision Foxport Plantation Lot # 4

Well Tag # HO-88-0754

Site Address 15519 Bushy Trail Row

Pump

1. Type

- a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible

2. Make Goulds

3. Model # \_\_\_\_\_

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards \_\_\_\_\_ Other

Motor

1. Horsepower 3/4

2. RPM \_\_\_\_\_

3. Voltage \_\_\_\_\_

a. 110 \_\_\_\_\_

b. 220

Pitless Adapter

1. Make Harsco

2. Model # B-210

3. Depth 42"

Tank

1. Capacity 80g equivalent

2. Pressure relief valve?

Piping

1. Type Plastic

2. Size 1"

3. NSF and/or BOCA Code approved \_\_\_\_\_

4. Depth of supply line 42"

Well data

1. Depth 320 ft.

2. Yield 4 GPM

3. Static water level 60 ft.

4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: C. Stephen Zabel

Date: 9-10-91

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

OK TO COVER  
OUTSIDE WORK AFTER INSTALLING  
WIRE PRESSURE TANK NOT FINISHED RA