

8-24-92
am asap

1A0 ID-04-350413

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 4F310

A 42112

DISTRICT 4th

DATE 4/30/92

DATE SYSTEM APPROVED 8/24/92

INSPECTOR M. Rifkin

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

Frall Developers, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 795-1866

SUBDIVISION Quail Meadow LOT 17 ROAD 16619 Bahner Court

PROPERTY OWNER Frall Developers, Inc. Blair & Rebecca Parker

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 376.45' and the 394.16' lot lines, start the first trench 210' down the 394.16' lot line and 130' off this same lot line. Run trenches along contours toward right side of 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 6/5/91 R/R OK 6/10/92 R/R

BP 4/30/92

PLANS APPROVED BY Mark Rifkin cm DATE 04/26/91

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

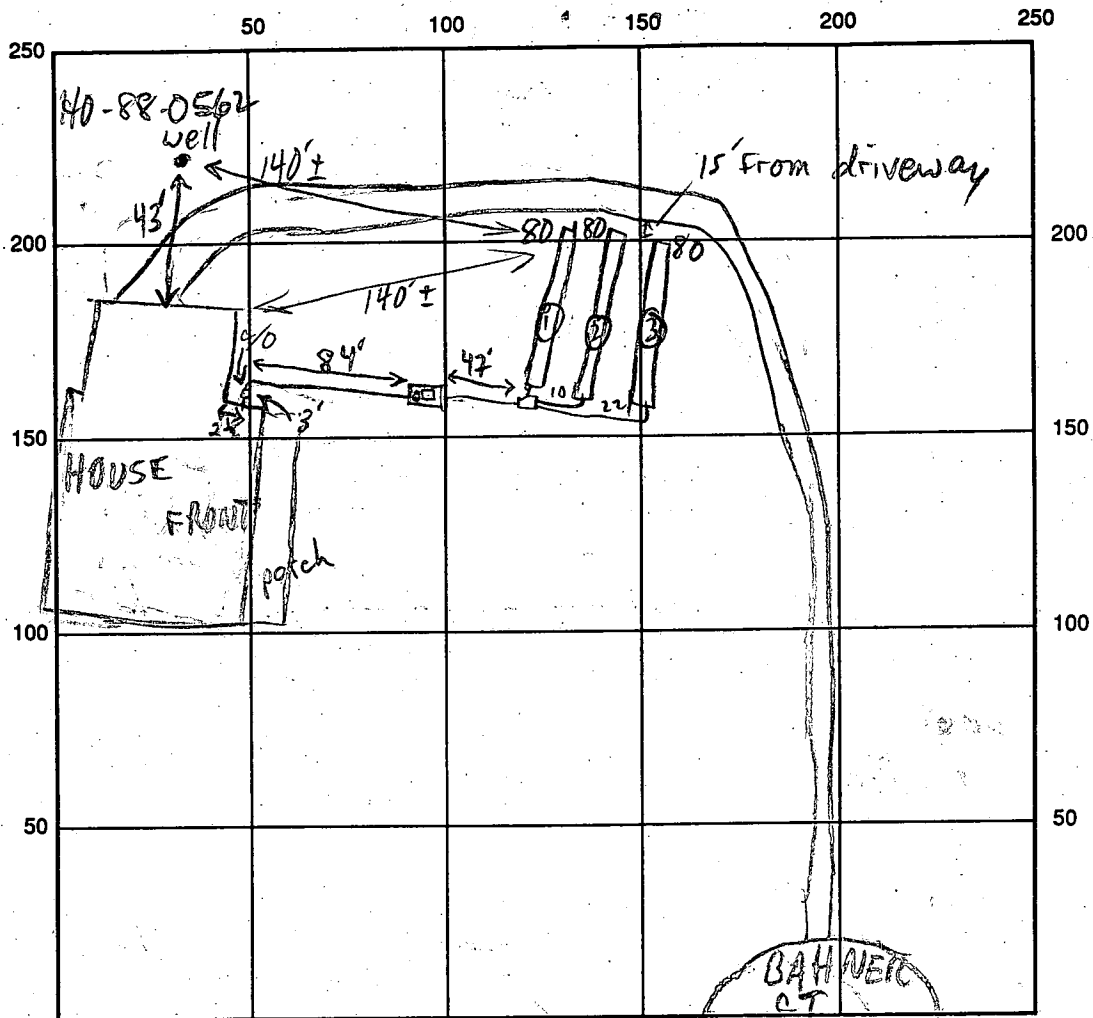
BLDG. PERMIT SIGNED
AND RETURNED 4/18/92
Serial # 53397-Per.

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
42112



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS INLINE - OK; 8" ON S.T. - OK MANHOLE ONS.T. - OK
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN
 DRAIN FIELD/TITLE DEPTH $\frac{1}{5} \frac{12}{15}$ FT. TRENCH WIDTH 3 FT. INLET DEPTH $\frac{1}{3} \frac{12}{13}$ FT.
 EFFECTIVE GRAVEL DEPTH $\frac{1}{2} \frac{12}{12}$ FT. TOTAL LENGTH 3@80 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 3@240 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 720 SQ. FT.

REMARKS: 8/24/92 OK TO COVER ALL MR

DATE SYSTEM APPROVED M. Rifkin INSPECTOR 8/24/92

APPLICATION

PERCOLATION TESTING

A 42112
P _____

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

DISTRICT 474
DATE 4/2/88

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 EDWARD J. AND PATRICIA KONTZE Frall Developers Inc
ADDRESS 2328 FLORENCE ROAD, WOODBINE, MD. 21797 PHONE 439-4969

PROSPECTIVE BUYER CARMAN ASSOCIATES
ADDRESS P.O. BOX 122, ELLICOTT CITY, MARYLAND 21043 PHONE 442-5613

PROPERTY LOCATION: N/S MD. ROUTE 144 APPROX 1200' EAST OF WATERSVILLE ROAD
SUBDIVISION PROPERTY OF LAVINIA L. HOOD LOT NO. 17 on Final
ROAD AND DESCRIPTION COURT 'A' (16619 Bahner Court)

TAX MAP 7 PARCEL # 432

SIZE OF LOT 3 ACRES + 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.

[Signature]
CARMAN ASSOCIATES
GENERAL PARTNER
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Doug Kinchus DATE 11-21-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

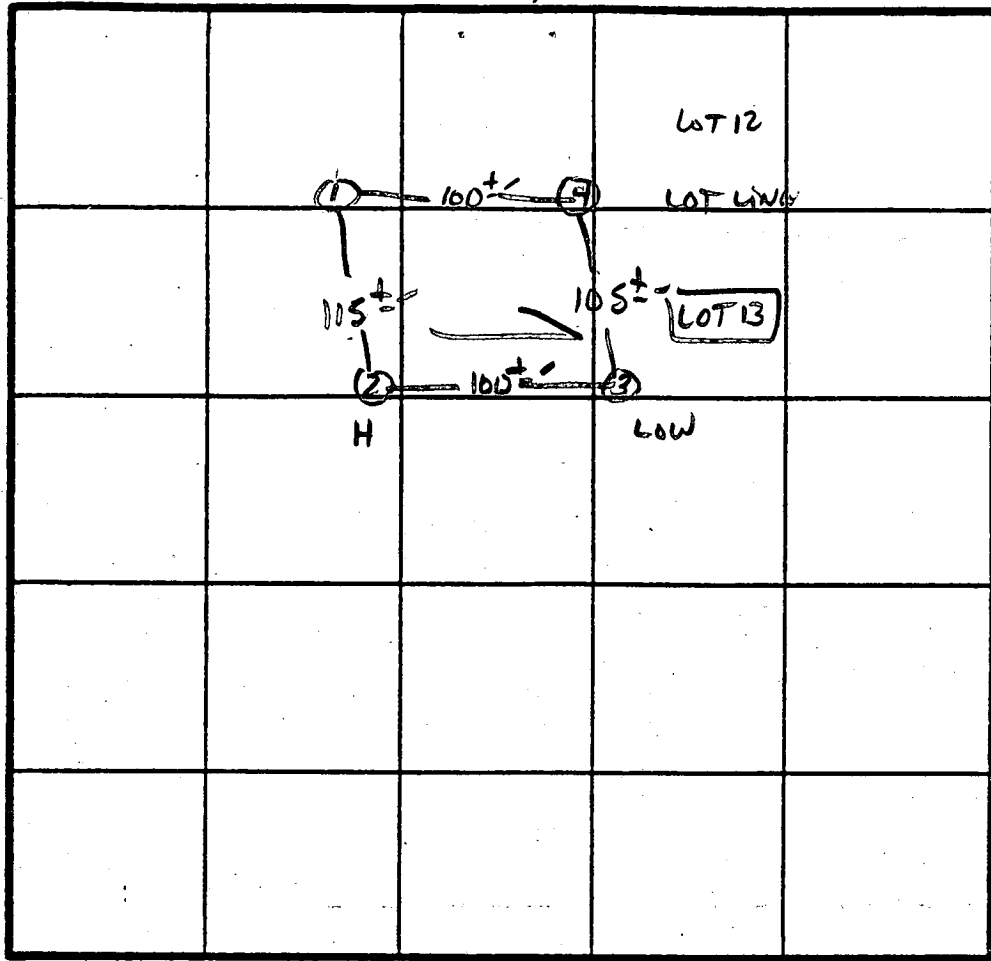
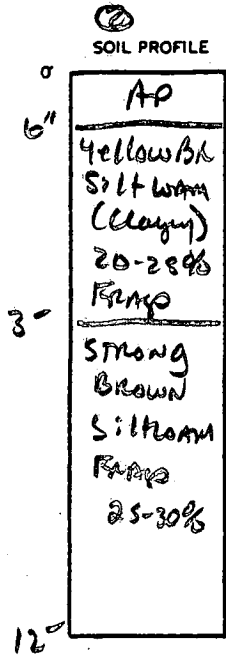
REASONS FOR REJECTION OR HOLDING 10/25/88 PERC SATISFACTORY - Hold for PERM. S. Abel
BLDG. PERMIT SIGNED AND RETURNED 5/19/92 Sewalt #42804-SFD 4 Bedrooms
BLDG. PERMIT SIGNED AND RETURNED 6/11/91 Sewalt #38765-SFD 3 Bedrooms

THIS IS NOT A PERMIT

HD-216

A-42112

I-70



X Perc
6min
180 # 1BA
INLET 3.0
BOTTOM 7.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/88	1S 1V	4.0 12.0	11:19 FRAG 32-40%	11:23	11:23 AT 10'	11:34	11min	
	2S 2V	3.5 12.5	11:27 As profiled	11:29	11:29	11:32	3min	
	3S 3V	4.5 13.0	11:29 SIMILAR TO #2	11:31	11:34 40% FRAG	11:36	5min	
	4S 4V	3 8	11:22 11:21	11:23 11:23	11:23 11:23	11:26 11:27	3min 4min	
	4V	13	As profiled w/ 20-25% FRAG AT 12'					

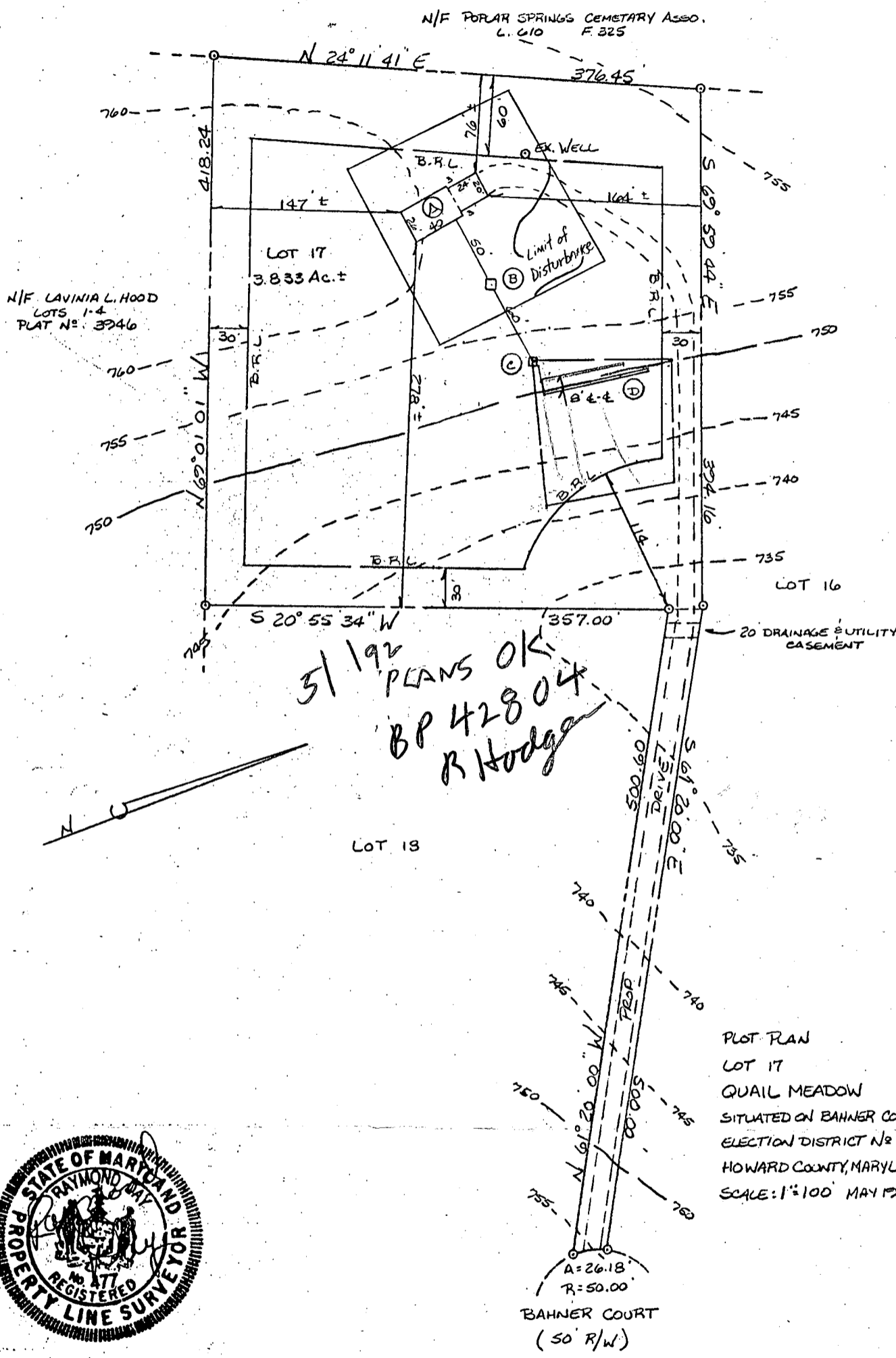
REMARKS Holes APPROX PLAT

TYPE OF SOIL Glenelg

TESTED BY S. Abel

ALSO PRESENT Phil M. Ruby, Andrews C. Cressel

- (A) PROP. HOUSE
F.F. ELEV. = 761.00
BSMT. ELEV. = 752.5
INV. ELEV. = 751.3
- (B) PROP. SEPTIC TANK
EX. ELEV. = 757.4
INV. IN. = 750.8
INV. OUT. = 750.5
- (C) PROP. DIST. BOX
EX. ELEV. = 752.6
INV. ELEV. = 749.9
- (D) PROP. TRENCHES
INV. ELEV. = 749.6
2' STONE, 5' BOT. MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT
ISSUANCE.



5/19/92 PLANS OK
BP 42804
R. Hodge

PLOT PLAN
LOT 17
QUAIL MEADOW
SITUATED ON BAHNER COURT
ELECTION DISTRICT No 4
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' MAY 1991



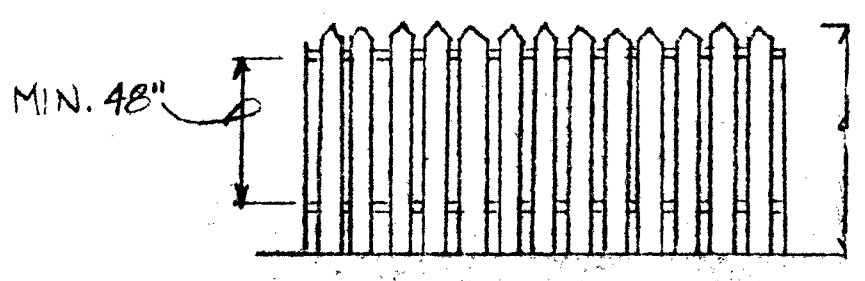
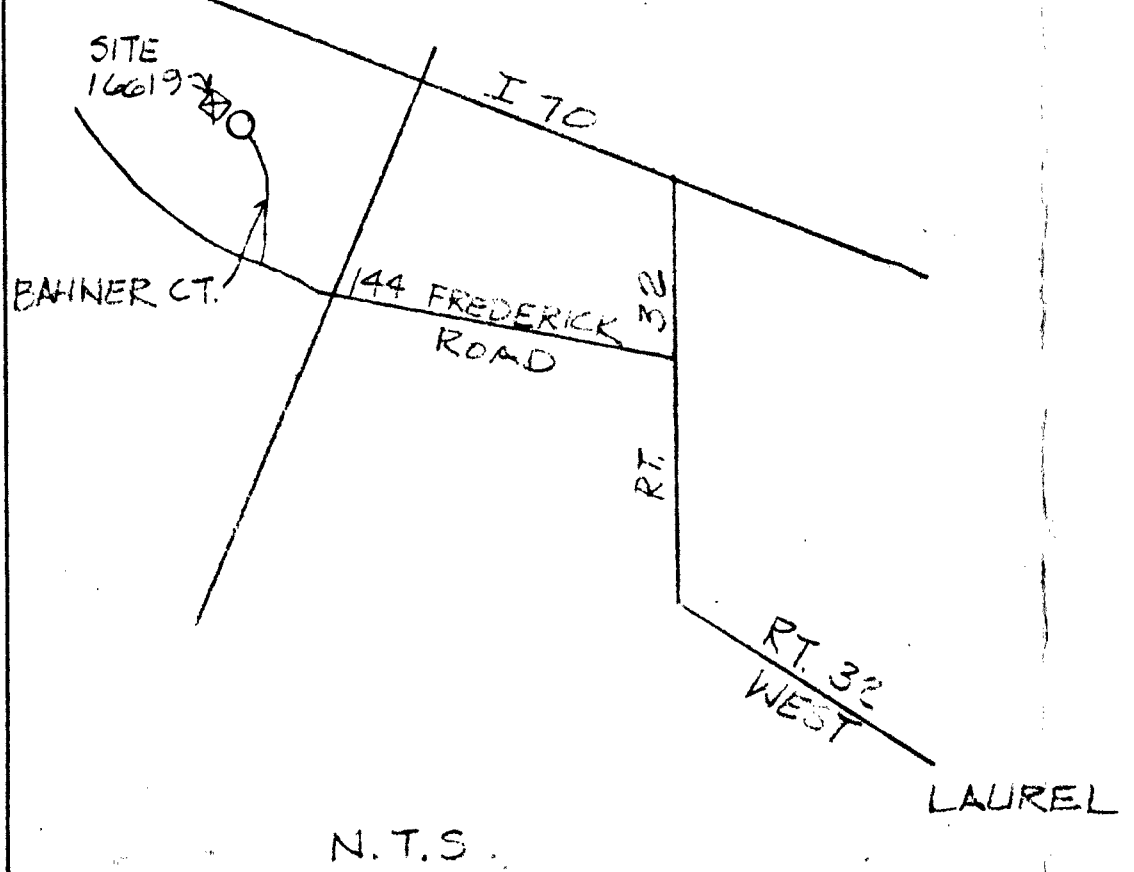
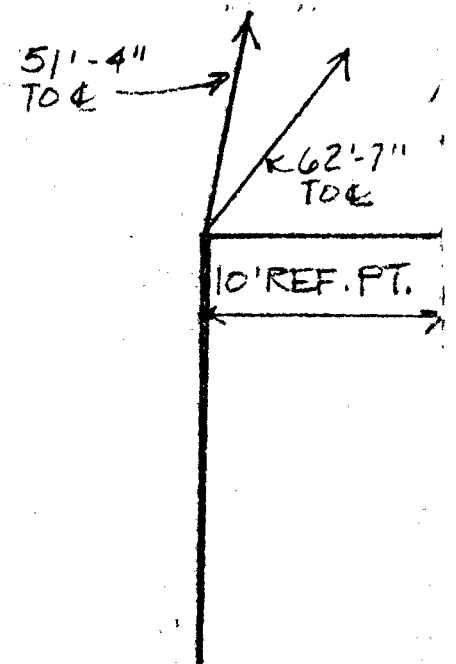
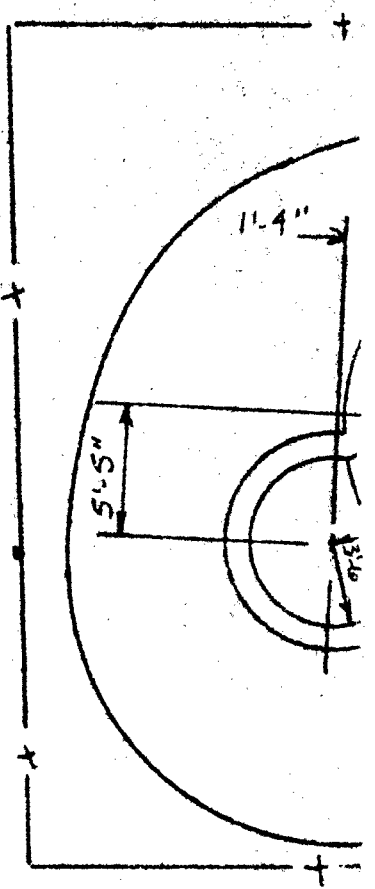
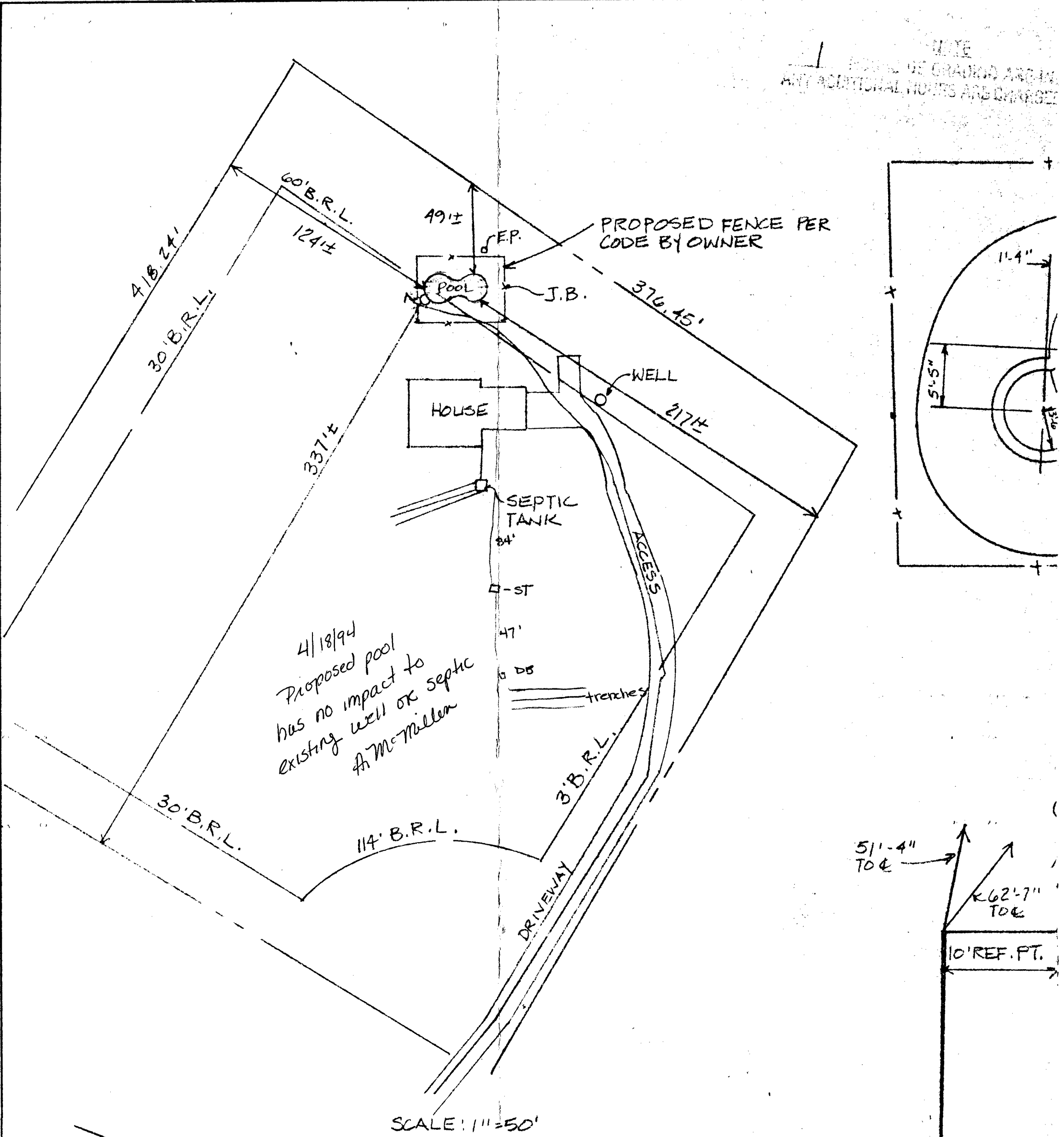
REVISED: 7 MAY 92 - HOUSE TYPE & LOCATION.

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT No 9356	91-04

LIBERTY SURVEY, INC.
4140 RIDGE ROAD
TAYLOESVILLE, MARYLAND
410-875-0722 21157

NOTE
 POINTS OF GRAVITY ARE IN
 ANY ADDITIONAL NOTES ARE CHARGED



N.T.S.

B 1 **2219** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

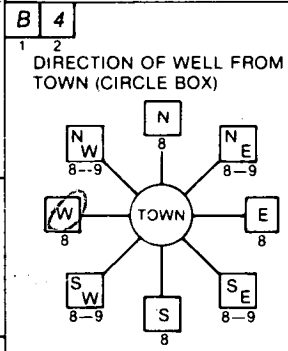
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-0562
 fill in this form completely

Date Received (APA) **041289**
 OWNER INFORMATION
CHAMAN Associates
 P.O. Box 122
 ELLICOTT CITY MARYLAND 21043

B 3 LOCATION OF WELL
HOWARD COUNTY
CHAIL MENDIGOS SUBDIVISION
 SECTION **44** LOT **317**
LISBON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1 1/2** MI

DRILLER INFORMATION
Joseph L. Mayne License No. **238**
Joseph L. Mayne Well Drilling
 5512 RIDGE RD. 111. AVE 21111
Joseph L. Mayne Date **4/10/89**



Bahner Court NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 DISTANCE FROM ROAD **850** 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 **A-42112** COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED **041889** EXP. DATE **4/18/90**
 CO SIGNATURE **Sidney Abel**
 NORTH GRID **550000** EAST GRID **0773000** EXTENDED MR 10/1/89

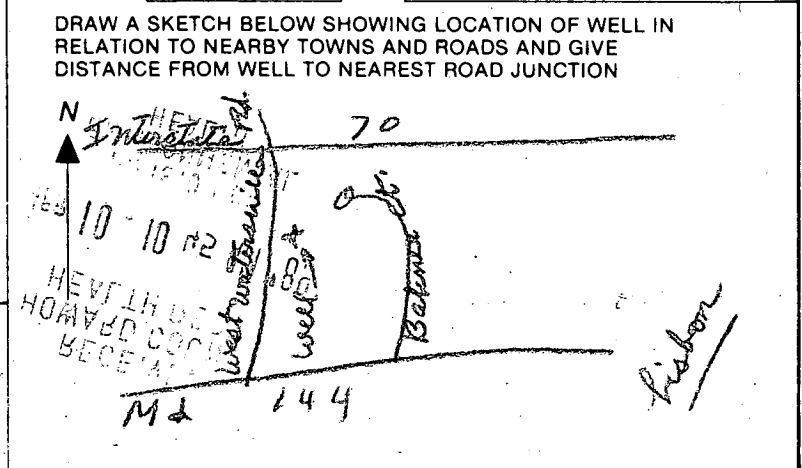
APPROXIMATE DEPTH OF WELL **260** FEET

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
 N **773** E **3**
 N **550** E **0**
 121-89 10:00am
 19 ft open hole
 22 ft casing
 6 bags cement
 1 ft above ground
 location dk
 (X) SEN

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 DEEPEMED AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **HO-88-0562**

SPECIAL CONDITIONS

C1 2420

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-42112

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

12/1/89

365

HU-88-0562

OWNER CARMAN ASSOCIATES STREET OR RFD BANNER RD TOWN UPPAN SUBDIVISION QUAIL MEADOWS SECTION LOT 17

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 6, NO. OF POUNDS: 540.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter (6), Total depth of main casing (12).

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), SLOT SIZE 1, 2, 3.

DEPTH (nearest ft.) section with grid for depth measurements.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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

DRILLERS IDENT. NO. 237

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

DEP 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 (6), PUMPING RATE (1.1), METHOD USED TO MEASURE PUMPING RATE (Pit level), WATER LEVEL (36), WHEN PUMPING (2/1), TYPE OF PUMP USED (S submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (YES), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

