

1/3/91 pm
1-4-91

04-349725

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 46718

A 41145

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 12/21/90

DATE SYSTEM APPROVED 1-8-91

INSPECTOR JEN

INDEXED

Wesmar Corp. IS PERMITTED TO INSTALL ALTER
GYC Builders 750-0800
ADDRESS _____ PHONE _____

SUBDIVISION Wellington ROAD 3101 Longfield Road LOT 46, Sec.1

PROPERTY OWNER Patuxent Builders, Inc.

ADDRESS Mr & Mrs Charles Hock 442-2429 W Home

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND RESORPTION AREA BY 20%~~

GARBAGE GRINDER YES NO

²⁰⁰/₃
4/1000
250 ft trench

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 95 feet from the front lot line and 190 feet from the right lot line. Run trenches along contour in both directions.

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

PLANS APPROVED BY C. Williams DATE 10/18/90

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

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES)

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

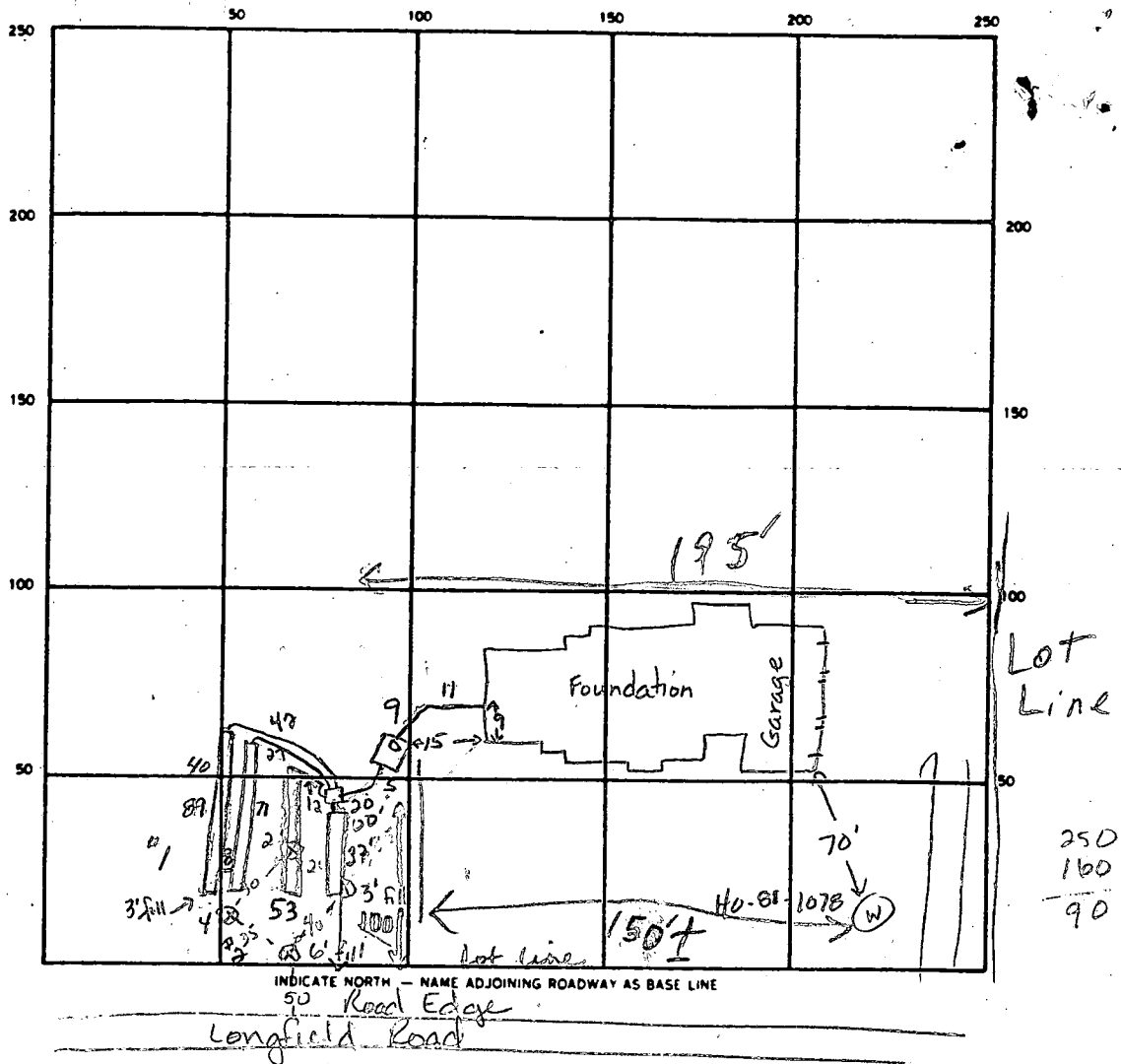
BLDG. PERMIT SIGNED AND RETURNED

8/19/92
Serial # 45057 - Storage Shed

A
41145

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



250
100
90

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 2' 7" 3' 7" TRENCH WIDTH 2 FT. INLET DEPTH 3 3 3 FT. Below original grade 89'

EFFECTIVE GRAVEL DEPTH 4 4 4 4 FT. TOTAL LENGTH 89 71 53 37 FT. 356

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 356 284 212 148 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1000 SQ. FT.

REMARKS 1-3-91 Contractor realigned trench locations to follow original grade contours. Up to 6 ft of fill in SDA. JEN 1-3-91 OK to stone trench #1 JEN. 1-4-91 OK to stone trench #2, add pipe & paper, cover trenches leaving end open on trench #2. JEN 1/4/91 SYSTEM OK TO COVER, APPROVAL PENDING VERIFICATION OF SDAMR

1-8-91 septic trenches are within highest point of sewage disposal area. JEN

DATE SYSTEM APPROVED 1-8-91 INSPECTOR Jane E. Kadosau

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41145
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4TH

DATE December 18, 1987

FEB 26 1988

*perc OK'd
pending approved
plat*

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 E. Oliver Goldsmith, et ux Patuxent Builders, Inc - 301-750-0800

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION: Longwood Farm LOT NO. LOT 46 Preliminary Sec. 1

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and Union Chapel Road 3101 Longfield Road

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential
(NUMBER OF BEDROOMS) *
* Undetermined at this time

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 MOSWA REQUIREMENTS IN TESTING THIS LOT. Spencer Development Corp
Bruce H. Bred V.P.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located (good & bad) holes + S/D plat

BLDG. PERMIT SIGNED
AND RETURNED 8/23/88
Serial # 32818 - 5 Bedrooms

THIS IS NOT A PERMIT

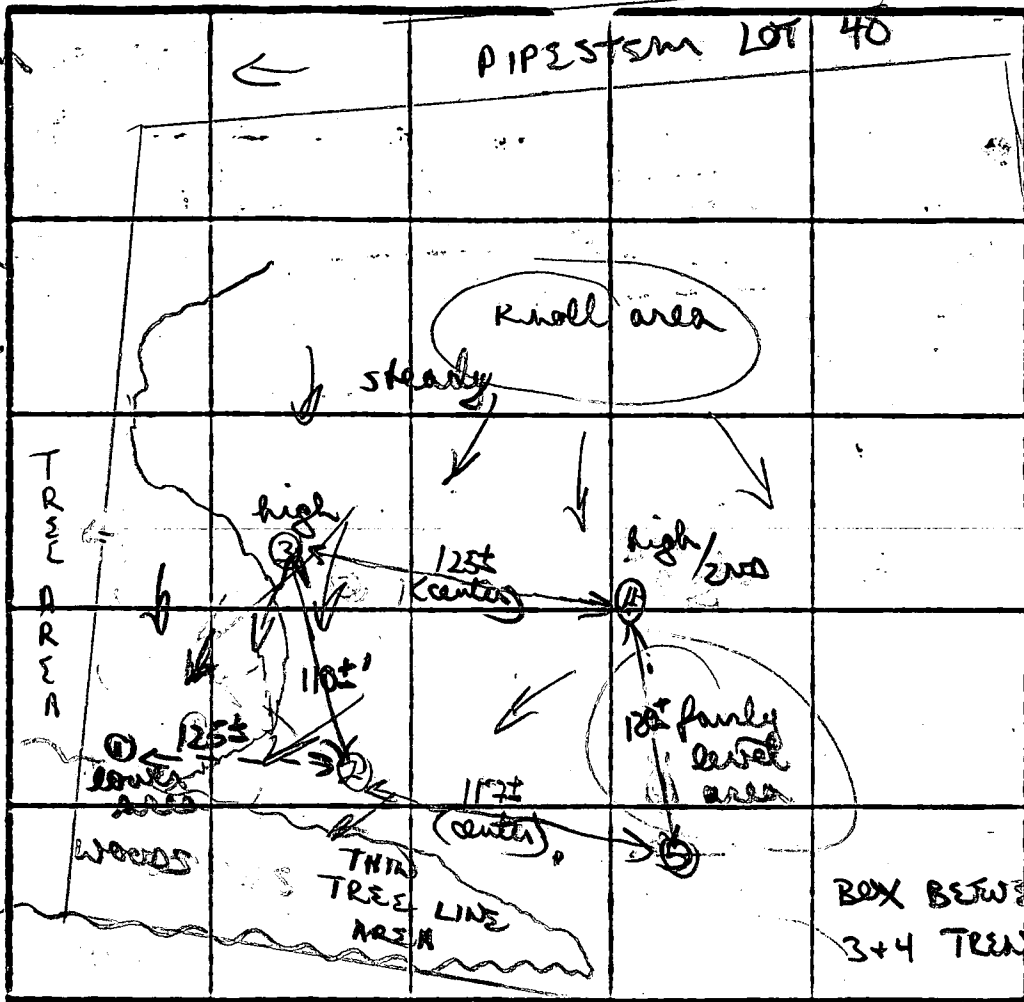
REPAIRS
SHALLOW SYSTEM
ONLY

SOIL PROFILE

orange/brown clay 2 1/2 - 3'
gummy clay silty loam 3 1/2 - 4 1/2'
to mostly brown/orange silty mica loam w/ 10% patchy layers small shell frags 5 1/2'

12' D

④ = ⑤



①
Brown/yellow clay 34'
F U T U R
R gummy silty loam
R gummy silty loam
D damp
D damp/wet grey/black silty loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Brown/orange chunky clay w/ patches to silty loam 3 1/2 - 4'

to mostly tan silty highly micaceous loam w/ 5% small shell frags 12' D

①
brown/chunky orange clay (heavy) 3'

orange-brown clay loam 5'

to mostly tan orange silty loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/17/88	③	3 1/2 S	1120	1121	1121	1123	2 MIN	
		12' D	bottom (see profile)					
	④	4' S	1120	1122	1122	1126	4 MIN	
		12' D	bottom (see profile)					
	⑤	3 1/2 S	1121	1127	1127	1137	10 MIN	
		12' D	bottom (see profile)					
	②	3 1/2 S	1123	1124	1124	1128	5 MIN	
		7 1/2 M	1122	1126	1126	1132	6 MIN	
		11' D	bottom (see profile)					
	①	H.O	10' (damp 9') shows water 8 1/2 - 9'					

X = 5 1/2

INLET 3 1/2'
MAX D 8'
187'

REMARKS: here adjusted uphill (H.O in lowest hole) (long #3) - here is in open field
TYPE OF SOIL: brown/orange clays 3-4", orange mostly tan silty mica loam below

TESTED BY: B Nifon ALSO PRESENT: Ben

LOT 4
(3.5336 Ac.)

LOT 2
(2.9841 Ac.)

LOT 46
(2.7657 Ac.)

LOT 45
(1.7065 Ac.)

FIELD

ROAD

SUBMISSION

E. J. CARTA
500/459

B 42° 09' 12" W 265.00'
N 42° 09' 12" E 262.34' 25.00'
S 42° 09' 12" W 250.00'

N 42° 09' 12" E 360.00'

S 44° 31' 19" W 295.08'

S 17° 40' E
S 39° 17' 40" E

280.00'

255.00'

100.00'

R=320.00', L=158.39'

R=320.00', L=188.09'

220.78'
N 76° 12' 20" W
S 76° 12' 20" E
SEE PLAT 7 OF

N 47° 09' 12" E 359.51'

852.89'

WELL 574 OK
100'
75'
C.W.M.

30' 30' B.R.L.
Well

B.R.L.

1856.02'

522

525

520

75'

75'

75'

30'

30'

8'

8'

00'

Charles Hock Home/Work 442-2429
301 Longfield Road
Wellington Lot-46, Sec 1

Tim Rowan
Rowan Landscape
and Pool Co, Inc
301-206-9150

9-9-93 When pool was defined, it appeared that 30 ft exists between trenches and paving at edge of pool. (36 ft to water)
Trenches are about 57 ft from edge of SDA closest to pool.

Total SDA is 10,160 sq ft. Removal of area within 20 feet of water surface of pool, would leave 9,590 sq ft of SDA. Trenches appear to take up half of the easement and are lush, green growth. A diagonal green stripe connects 3 trenches (no piping at this location).

It is my opinion that grading work may have damaged the trench construction or underground water (not present at perc (in 1988, May) has flooded the trenches in 1993 - very wet year. Owner commented that this was the first year green stripes were observed.

Recommend no SDA be waived for pool placement. May have limited quantity of area for repair. JENadeau 9-10-93

B 1 2043

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1078

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

please print or type

fill in this form completely

Date Received (APA)

Empty date grid

OWNER INFORMATION

Owner name: EVELYN B. WILKINSON, Address: PO BOX 1710, City: ELK LICK, State: KY, Zip: 40323

B 3

LOCATION OF WELL

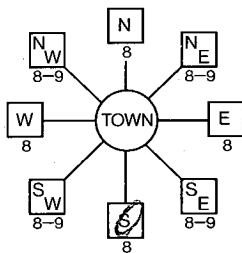
Location details: HOWARD COUNTY, WASHINGTON SUBDIVISION, GLENWOOD NEAREST TOWN, 1/2 MILE FROM TOWN

DRILLER INFORMATION

Driller: Joseph L. Mayne, License No. 238, Address: 5512 Ridge Rd, Mt. Airy, MD 21771, Date: 10/11/89

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Longfield Road NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



100 DISTANCE FROM ROAD

ENTER FT or MI

FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE: 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED: 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only), Farming, Industrial, Commercial, State and Federal Gov. Other, Public or private water company, Test, observation, monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME, A41145 COUNTY NO., DATE ISSUED: 10/18/89, CO SIGNATURE: Craig W. Miller, EXP. DATE: 4/18/90, NORTH GRID: 529000, EAST GRID: 0791000

APPROXIMATE DEPTH OF WELL: 260 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

METHOD OF DRILLING (circle one)

Method of drilling: BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTARY, AIR-PERCUSION, ROTARY (Hydraulic Rotary), CABLE, REVERSE-ROTARY, DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

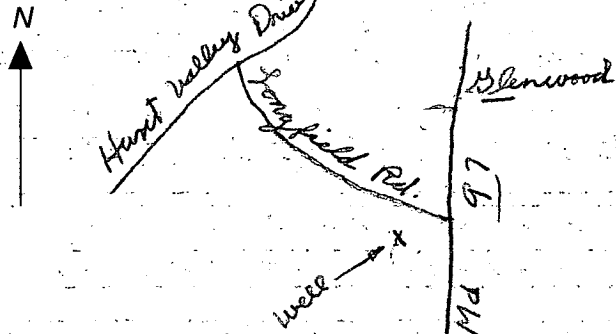
SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

Box numbers: E 790 1, N 520 9

Handwritten notes: 10/26/89 9:30, already grouted, 36' casing, 31' open grout, 8 bags of cement, 3' casing above grout, OK / Well built (Tag on site) (EBA)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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 deepen 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: CW, PERMIT No.: HO-88-1078

SPECIAL CONDITIONS

3/27/91 LXTB pm

Final
OK
C.B.O.

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 X
Replacement _____

Receipt # 46169
Date 1-24-91

Name of Installer John M. GASKE III

Telephone 247-6963

License Number #3189

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner PATUXENT Building, Corp. Telephone 750-0900

Subdivision Wellington Lot # 46 Well Tag # HO-88-1078

Site Address 3101 Long Field Road

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X
- Make Gould
- Model # _____
- Capacity 8 GPM
- Pump exceeds well capacity Yes _____ No X
- If Yes, is low pressure cutoff switch installed? Yes X No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other TAPE

Motor

- Horsepower 3/4
- RPM _____
- Voltage _____
 - 110 _____
 - 220 X

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

Tank

- Capacity WX250
- Pressure relief valve? RV 50

Piping

- Type Big Blue
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line 150'

Well data

- Depth 165 ft.
- Yield 15 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? NO

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: John Gaske

Date: 1-23-91

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

C1 1187 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 A91145

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 165 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-86-1078

OWNER GYC BUILDERS last name LONGFIELD RD. first name TOWN GREENWOOD SUBDIVISION WELLS SECTION 1 LOT 46

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, Blue Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 750 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 31 ft.

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

MAIN CASING TYPE SH Nominal diameter top (main) casing (nearest inch) 6 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 ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 165

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. 998 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

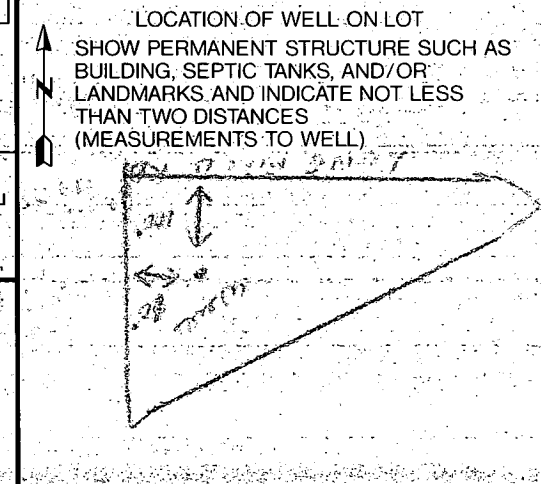
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 37 WHEN PUMPING 41 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) (+) above } LAND SURFACE (3) (nearest foot) (-) below }



Tim Rowan
Rowan Landscape Co.
7-9-92 Pool proposal



LOT 45
WELLINGTON
SECTION 1, AREA 1

INGFIELD



LOT 46
2.7657 AC.

N 76°12'20\" W

8/19/92
PLANS OK TO SIGN
B HODGES'
BP 45057

PROPERTY OF
E.J. GIB...

PROPERTY OF
INC.
55

12700500
N529000