

5/23/94 ASAP

# PERMIT 04-349539

P 50205E

## SEWAGE DISPOSAL SYSTEM

A 41134

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 4th

#### HOWARD COUNTY HEALTH DEPARTMENT

DATE 8/10/94

BUREAU OF ENVIRONMENTAL HEALTH

DATE SYSTEM APPROVED 5/23/94

~~XXXXXX~~ 313-2640

INSPECTOR DKS

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL X ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Wellington LOT 29 ROAD 2826 Hunt Valley Drive

PROPERTY OWNER Philip Bourne

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 <sup>1250</sup> GALLONS

NUMBER OF BEDROOMS 3 4

240 SQUARE FEET PER BEDROOM

Handwritten calculations:  
1240  
4  
---  
11960  
240  
4)960

LINEAR FEET OF TRENCH REQUIRED 180 240

TRENCHES - Trench to be 2 feet wide. Inlet 4½ feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 4½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 120 feet from the front lot line and 100 feet from the right (North) side of the lot as seen when facing the lot from Hunt Valley Drive. Run the trenches toward both the front line and the back line. The tank and the trench must be at least 100 feet from the well.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 9/14/93

PLANS APPROVED BY Raymond Hodges DATE 1/25/90

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, 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

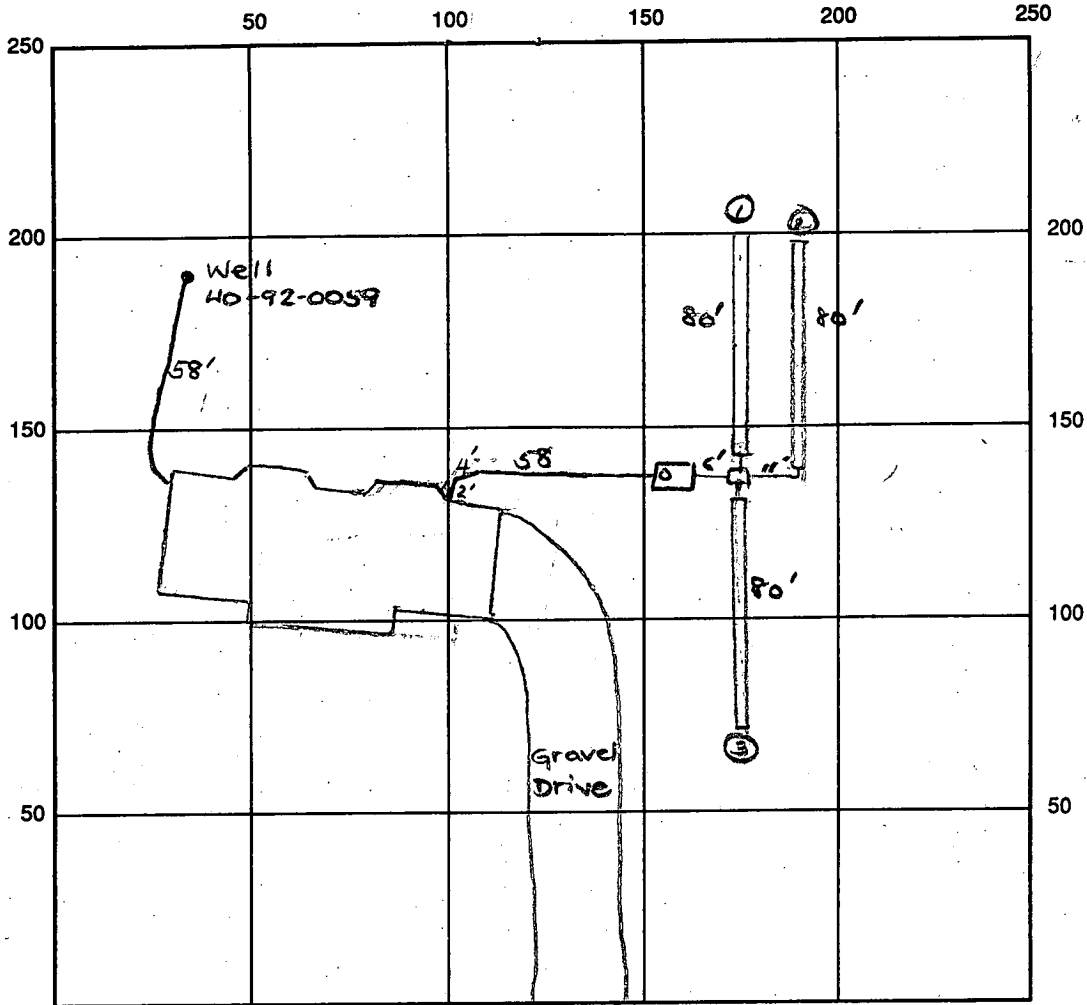
PERMIT VOID AFTER TWO YEARS.

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 41134



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 Hunt Valley Drive

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 240' total 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1960 SQ. FT. 960

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 1960 SQ. FT.

REMARKS: 5/23/94 OK to continue work. DKS

Later - OK to cover all work. DKS

DATE SYSTEM APPROVED 5/23/94 INSPECTOR [Signature]

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

A 41134  
P \_\_\_\_\_

DISTRICT 472

DATE ~~December 18, 1987~~  
FEB 26 1988

*5/10/88  
per OK'd  
pending approval  
[Signature]*

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 C. Oliver Goldsmith, et ux Philip Bourne

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-384-7964  
~~301-442-2121~~

PROPERTY LOCATION Wellington East 1 area LOT NO. 25  
SUBDIVISION Longwood Farm LOT 29 Preliminary Sec. 1

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and  
Union Chapel Road (2826 Hunt Valley Drive)

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 M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. SEWER DEVELOPMENT CORP.  
By: [Signature] V.P.  
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR [Signature] DATE 1/25/90

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

field shot spot elevations each hole? [Signature]  
Spec bottles 1/25/90

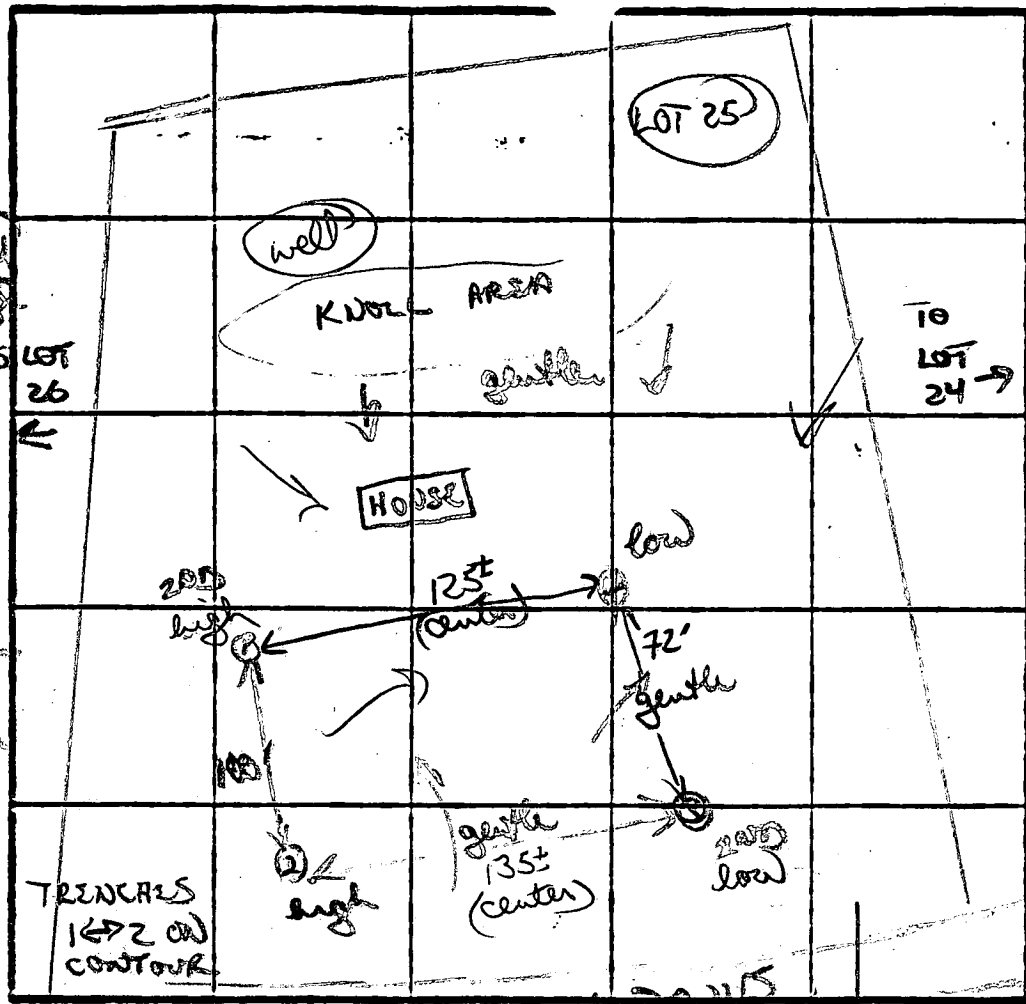
BLDG. PERMIT SIGNED  
AND RETURNED 6/3/93  
Serial # 48649 - SFD

# THIS IS NOT A PERMIT

INLET 4 1/2  
 MAX D 8 1/2  
 X = 15 1/2 MIN  
 228 1/2

SOIL PROFILE

chunky gully  
 brown clay  
 3 1/2'  
 clay silt  
 loam  
 5-5 1/2'  
 to mostly  
 purple  
 powdery  
 silty  
 loam  
 13' D



③  
 brown/yellow  
 gritty chunky  
 clay 3'  
 patchy chunky  
 orange purple  
 clay loam  
 mix 5 1/2-6  
 to mostly  
 purple/orange  
 silty loam  
 ↓ 10'  
 s-s nod  
 black hard  
 frags ↓  
 1 1/2' hard

INDICATE NORTH - NAME ADJOINING ROADWAYS AS BASE LINE

②  
 brown chunky  
 patchy orange  
 clay (heavy)  
 4 1/2-5'

to orange tan  
 clay/silt  
 mix 6 1/2-7'

to mostly  
 grey/white  
 silt loam  
 w/ patchy  
 veins s-s nod  
 shud rock  
 (10-15%) 8 1/2'  
 12 1/2' D

| DATE   | TEST NO. | DEPTH                             | PRE-WET                   |             | TEST - 1" DROP |      | TIME   |  |
|--------|----------|-----------------------------------|---------------------------|-------------|----------------|------|--------|--|
|        |          |                                   | START                     | STOP        | START          | STOP |        |  |
| 5/1/52 | ①        | 4' S                              | 1236                      | 1245        | 1245           | 108  | 25 MIN |  |
|        |          | 13' D                             | Bottom (see profile)      |             |                |      |        |  |
|        | ②        | 5' S<br>6 1/2 S                   | 1237<br>140               | 1236<br>145 | 1241<br>145    | 152  | 7 MIN  |  |
|        |          | 12 1/2' D                         | Bottom (see profile)      |             |                |      |        |  |
|        | ③        | 3' S                              | 1239                      | 1247        | 1247           | 1258 | 11 MIN |  |
|        |          | 1 1/2' D                          | hard Bottom (see profile) |             |                |      |        |  |
|        | ④        | 3' S                              | 1241                      | 1247        | 1247           | 1255 | 8 MIN  |  |
|        |          | 6 1/2' M                          | 1241                      | 1254        | 1234           | 122  | 28 MIN |  |
|        |          | 12' D                             | Bottom (see profile)      |             |                |      |        |  |
|        |          | > 10R soil keep due to slow times |                           |             |                |      |        |  |

④  
 similar  
 to 3 w/  
 purple  
 powdery  
 silty  
 loam  
 6 1/2-7'  
 ↓  
 12' D  
 patchy  
 clay w/  
 shud  
 depth

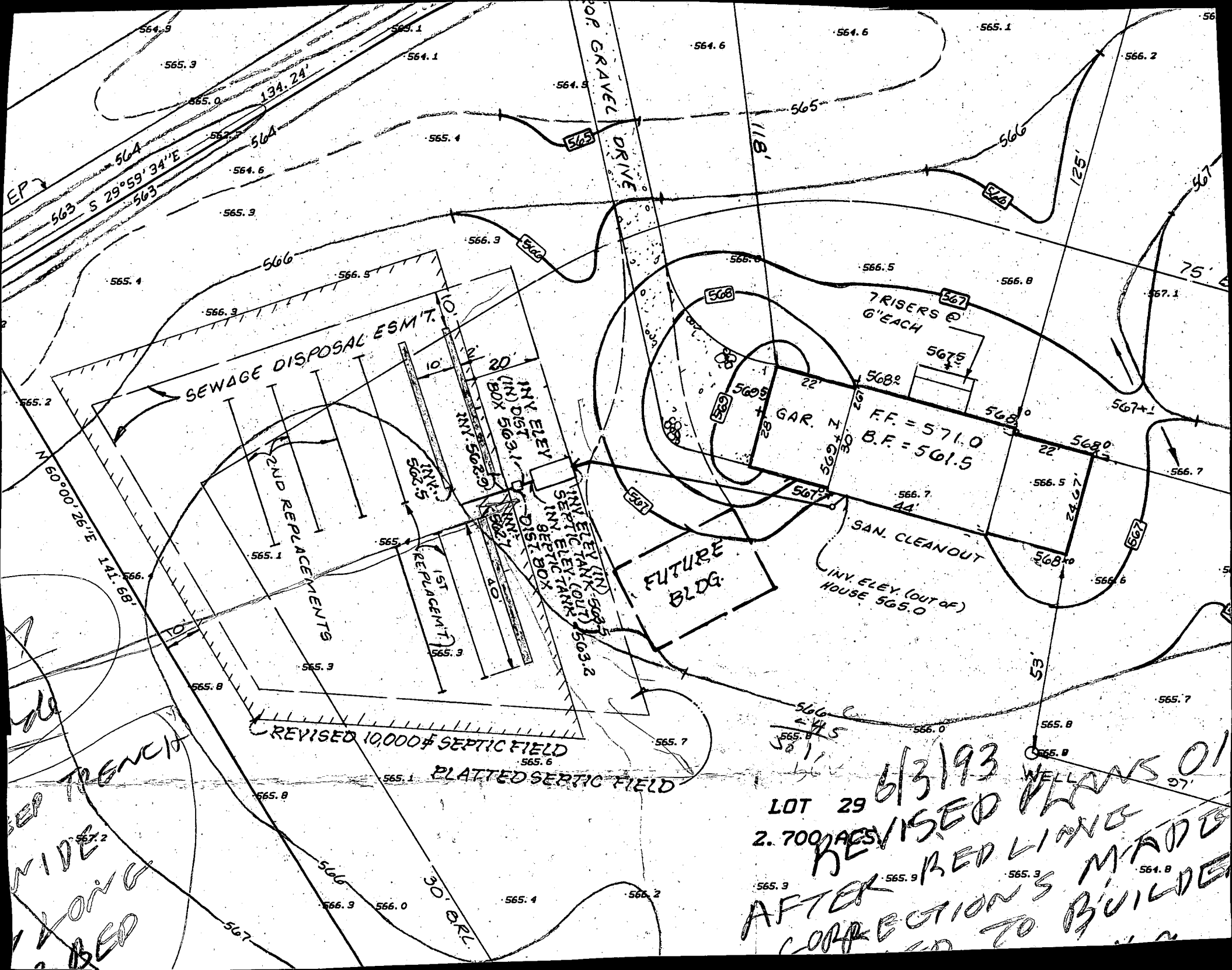
REMARKS: Dig started as shown - open field. Tops may be off on lot corners

TYPE OF SOIL: heavy clays 4-5' clay/silt loam 6 1/2-7', mostly silty loam w/ patchy frags, hard nodules

TESTED BY: D. Nufon

ALSO PRESENT: Chip, Kern

EH-12-1079



SEWAGE DISPOSAL ESM T.O.

2ND REPLACEMENTS

1ST REPLACEMENT

REVISED 10,000# SEPTIC FIELD  
PLATTED SEPTIC FIELD

FUTURE BLDG.

7 RISERS @ 6" EACH  
FF = 571.0  
B.F. = 501.5

SAN. CLEANOUT  
INV. ELEV. (OUT OF HOUSE) 565.0

INV. ELEV. (IN SEPTIC TANK) 5603.2  
INV. ELEV. (IN SEPTIC TANK) 5603.2

LOT 29 6/3/93  
2.700 ACRES  
REVISED PLANS 01  
MADE AFTER CORRECTIONS TO BUILDER

WIDE TRENCH

30' OR L.

WELL

NOTES:

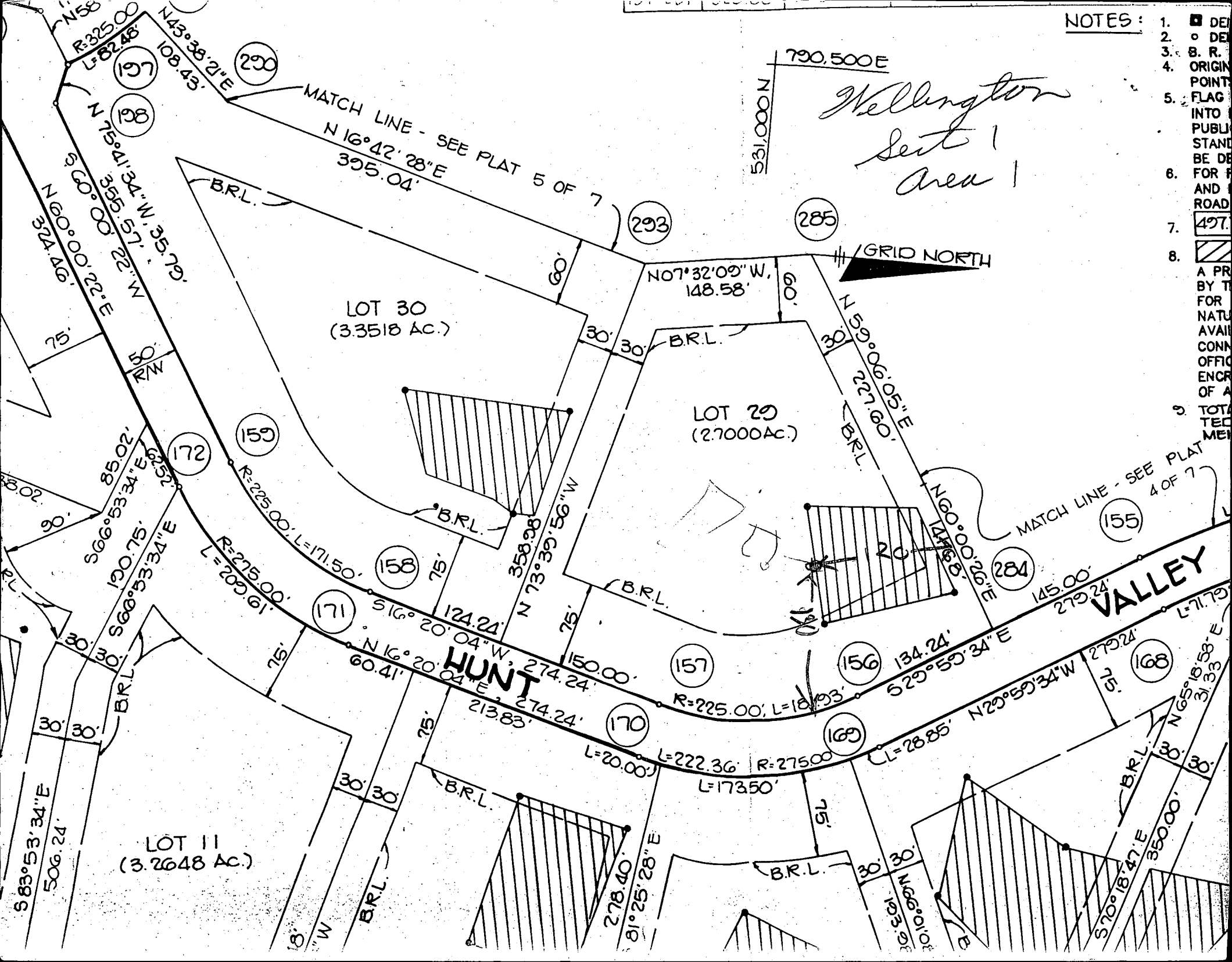
1. DE
2. DE
3. B. R.
4. ORIGIN
5. POINT
6. FLAG
7. INTO
8. PUBLI
9. STAND
10. BE DE
11. FOR F
12. AND
13. ROAD
14. 497.
- 15.
16. A PR
17. BY T
18. FOR
19. NATU
20. AVAIL
21. CONN
22. OFFIC
23. ENCR
24. OF A
25. TOTAL
26. TEC
27. MEM

Wellington  
sect 1  
Area 1

790.500E  
531.000N

GRID NORTH

MATCH LINE - SEE PLAT 4 OF 7





**C1** **5189** SEQUENCE NO. (DENV 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# 41134**

ST/CO USE ONLY  
 DATE RECEIVED

DATE WELL COMPLETED  
**050792**

Depth of Well  
**225**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**HO-72-0059**

OWNER **CLARK ASSOCIATES**  
 STREET OR RFD last name **HUNT VALLEY DR** first name TOWN **GLENWOOD**  
 SUBDIVISION **WELLINGTON** SECTION LOT **29**

**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  |                        |
| SAND Stone                                    | 0    | 37  |                        |
| GRAY MILCA ROCK                               | 37   | 225 |                        |

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL:  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **9** NO. OF POUNDS **346**  
 GALLONS OF WATER **54**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **37** ft.  
 (enter 0 if from surface)

**C 3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **12**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **34**  
 WHEN PUMPING **34**  
 TYPE OF PUMP USED (for test)  
 air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  submersible

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

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch) **6**  
 Total depth of main casing (nearest foot) **40**

**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

**C 2**

DEPTH (nearest ft.)  
 EACH SCREEN **HO** **39** **225**  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  NO  
 (CIRCLE) (YES or 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) **31**  
 PUMP HORSE POWER **37**  
 PUMP COLUMN LENGTH (nearest ft.) **43**  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 above } LAND SURFACE  
 below } **1** (nearest foot)

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 *Wendy M. Ryan*  
 (MUST MATCH SIGNATURE ON APPLICATION)

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

