

3-24-86
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 36689
A 30017

3/26/86
septic tank
cover
cover

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~301-283031~~
461-9933

ELLICOTT CITY
DISTRICT 4th
DATE 3/28/86

INDEXED
04-340361

Herman Sirk IS PERMITTED TO INSTALL ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, Maryland PHONE 489-4724

SUBDIVISION Jaycox Property ROAD 2270 Duvall Road LOT 25

PROPERTY OWNER ~~William Swann~~ Charles Lafayette, III

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 100 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins 4 1/2 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - TO BE DETERMINE AT THE TIME OF INSTALLATION.

NOTE - No Trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BUDG. PERMIT SIGNED
AND RETURNED 4-21-86
Donald B. 105015
2-Story Garage

PLANS APPROVED BY C. Williams/R. Hodges DATE 8/15/79/3/20/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

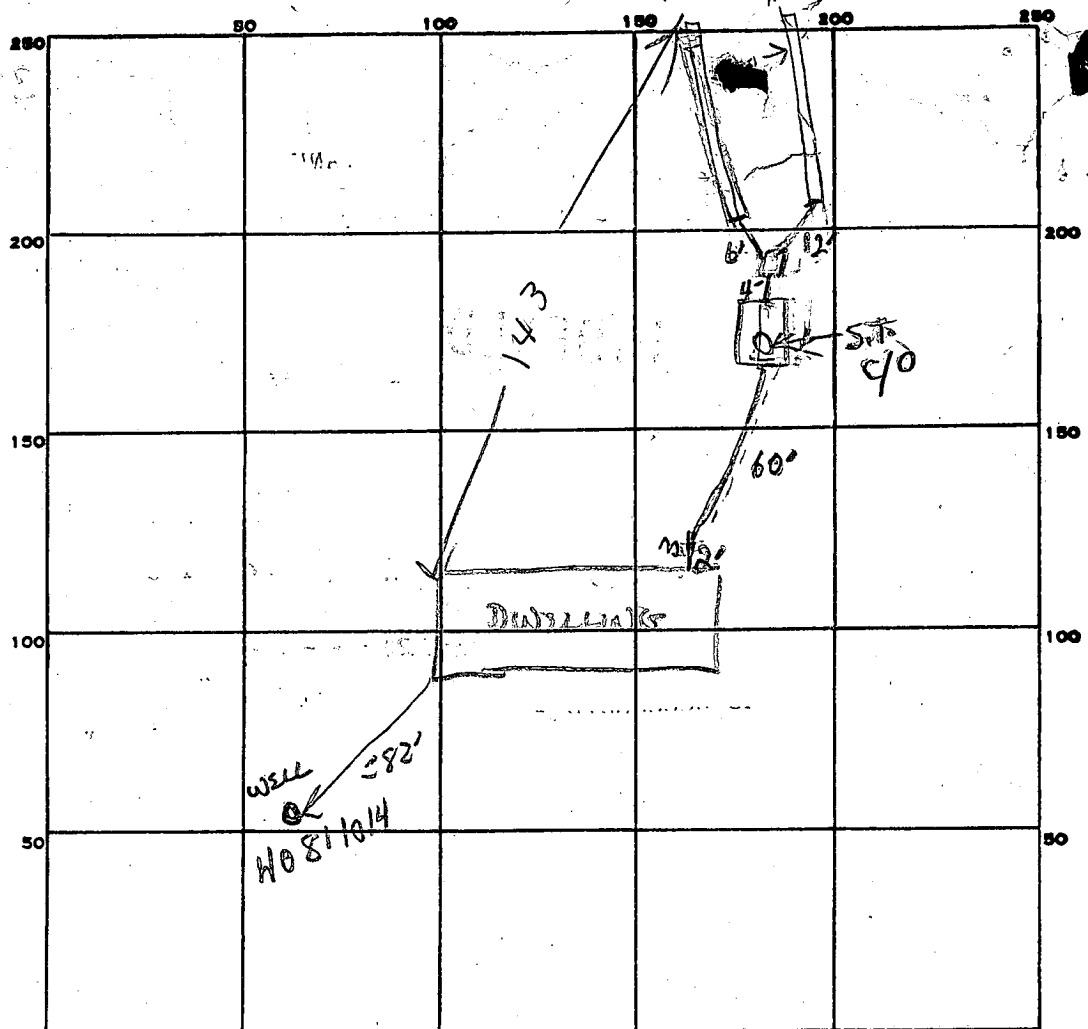
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

CALL ~~301-283031~~ 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 30017



S.T. hole
 Red clay 2 3/4"
 brown med/pebbles
 sandy silt
 15% small 6-7
 frags of aggregate

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

✓ field DUVALL RD

PERMIT CARD _____

SEPTIC TANK, LEVEL 1020 gal

CLEANOUTS 1 S.T.

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 2.5 FT. TRENCH WIDTH 2 FT.

| GRAVEL DEPTH | TOTAL LENGTH | TOTAL BOTTOM AREA |
|---------------------------------|---------------------------|----------------------|
| <u>4 1/2</u> x <u>4 1/2</u> FT. | <u>66</u> / <u>65</u> FT. | <u>13</u> / <u>1</u> |
| NUMBER OF TRENCHES <u>2</u> | | |

1 SIDE WALL AREA

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 510-589 SQ. FT. depending upon 4' x 4' ft stone in trenches

REMARKS 3/21/86 Using septic tank hole as visual OK to move septic field (ie start trenches) above existing septic field by = 20', OK to start digging trenches. 3/24/86 ADD STONE TO TRENCHES HOOK UP SYSTEM & CALL R H
3/24/86 Hook to house to tank in OK, OK to cover trenches
1 & 2 wall work

DATE SYSTEM APPROVED 3/26/86 INSPECTOR B. Nylor

12/15/86
 12/16/86
 12/17/86
 12/18/86
 12/19/86
 12/20/86
 12/21/86
 12/22/86
 12/23/86
 12/24/86
 12/25/86
 12/26/86
 12/27/86
 12/28/86
 12/29/86
 12/30/86
 12/31/86

PRELIMINARY

APPLICATION

A 25589

P _____

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: 465-5000, EXT. 356

DISTRICT 4th

DATE 4/6/77

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 William L. Swann

ADDRESS 12979 Clarksville Pike, Highland, Md. PHONE 286-2608

PROPERTY LOCATION:

SUBDIVISION Jaycox property LOT NO. ~~13~~ new 12

ROAD AND DESCRIPTION Duvall Road

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ William Swann

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4/29/77 Perc. O.K. F.S., 9/18/78 This good perc. area has been deleted from final plat of Lot 12 in favor of the original area tested as Lot 1 A#23451

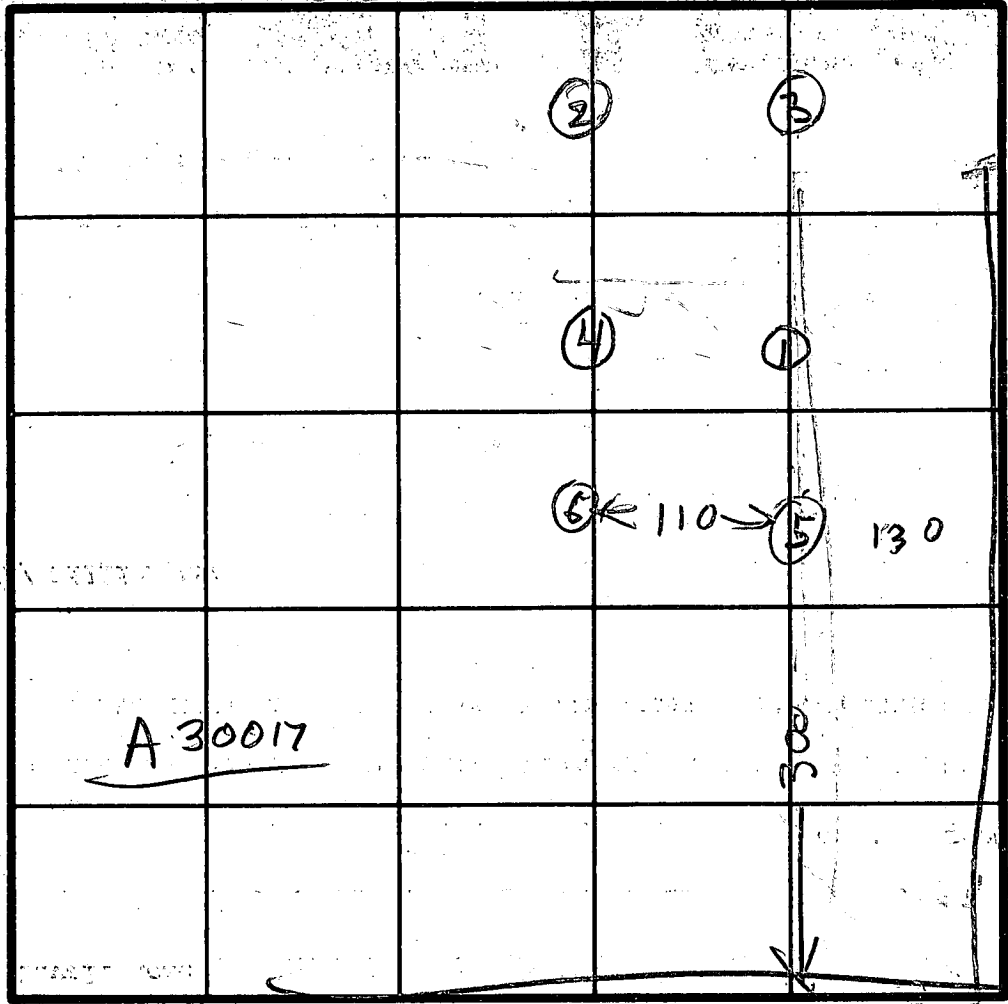
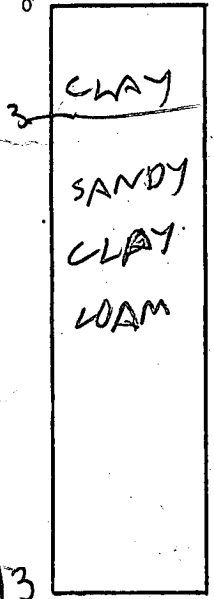
THIS IS NOT A PERMIT

12A

SEE
PLAN

5

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2270 DUVAL RD

6



| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|--------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 7/26/79 | 5D | 13 | 1006 | 1046 | little Pen | FAIL | |
| | 5S | 3 1/2 | 1006 | 1008 | 1008 | 1010 | 2 |
| | 6D | 12 1/2 | 1013 | 1017 | 1017 | 1025 | 8 |
| | 6S | 5 | 1014 | 1015 | 1015 | 1020 | 5 |
| | 5M | 8 | 1138 | 1144 | 1144 | 1157 | 13 |
| | | | | | | 49 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS

TYPE OF SOIL

TESTED BY

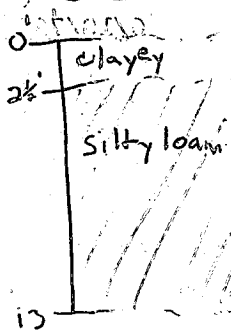
RH

ALSO PRESENT

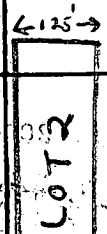
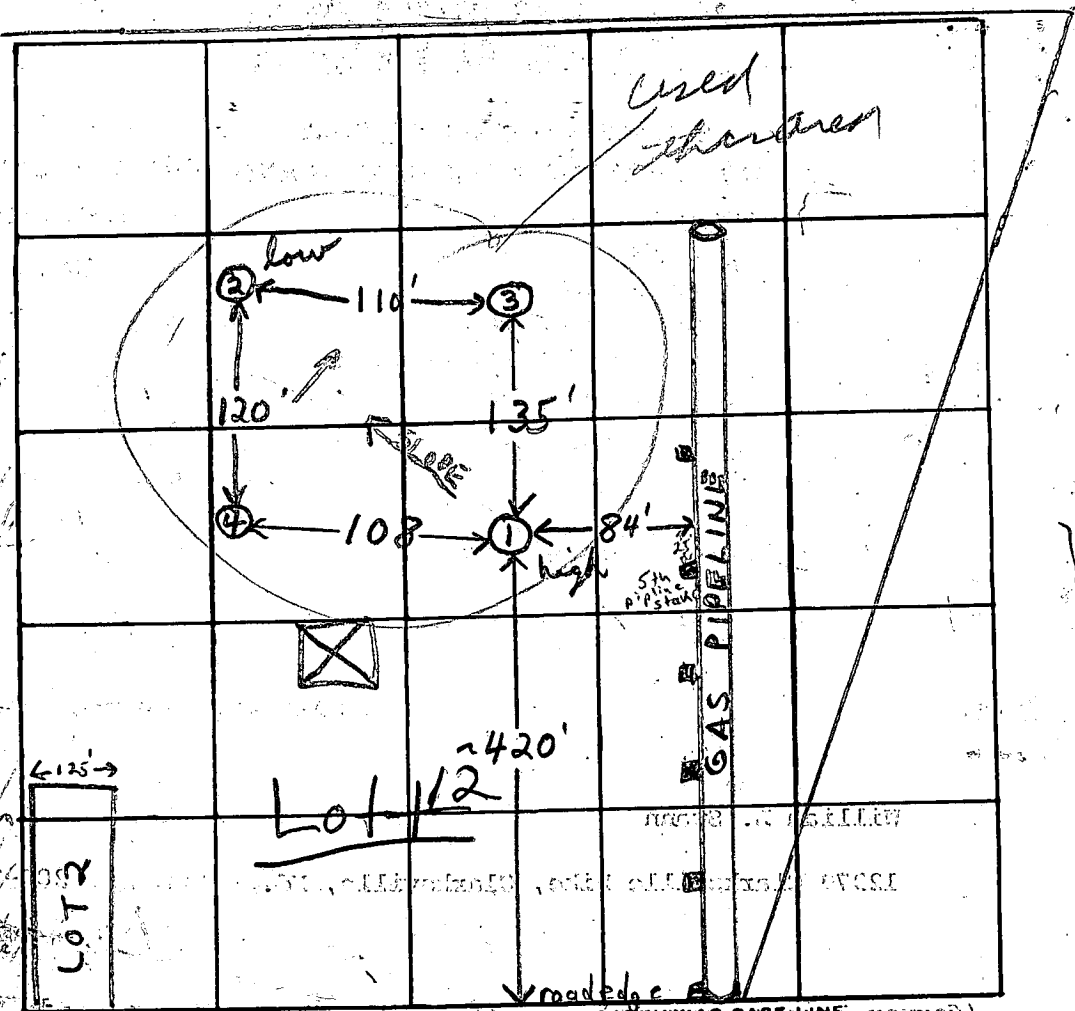
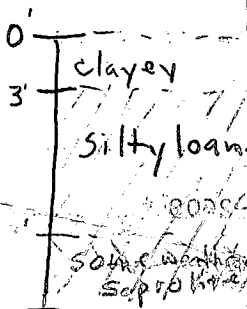
SWAN

12280

① ② ④



③



Lot 12
~420'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE (NORTH)

DuVALL Road

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|---------|----------|---------|-----------------------------------|-------|----------------|-------|--------|--|
| | | | START | STOP | START | STOP | | |
| 6/22/76 | 1 high | 3' | 10:04 | 10:06 | 10:06 | 10:11 | 5 min | |
| | 1A | 13' | 10:03 | 10:09 | 10:09 | 10:33 | 24 min | |
| | 2 low | 3' | 10:08 | 10:10 | 10:10 | 10:15 | 5 min | |
| | 2A | 13' | 10:07 | 10:13 | 10:13 | 10:24 | 11 min | |
| | 3 | 3' | 10:15 | 10:19 | 10:19 | 10:28 | 9 min | |
| | 3A | 13' | 10:12 | 10:18 | 10:18 | 10:19 | 1 min | |
| | 3B | 13' | 10:22 | 10:25 | 10:25 | 10:31 | 6 min | |
| | 4 | 11 1/2' | Clayey to 2 1/2' silty loam below | | | | | |
| | 3C | 11' | 11:34 | 11:37 | 11:37 | 11:44 | 7 min | |

(D.P.I.F.K.)
new/2

REMARKS ① & ④ ~ same elevation

TYPE OF SOIL clayey to 2-3' silty loam & some weathered siltstone below

TESTED BY F.S.

ALSO PRESENT: Lendvini's crew

Property known as:

LOT 25

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

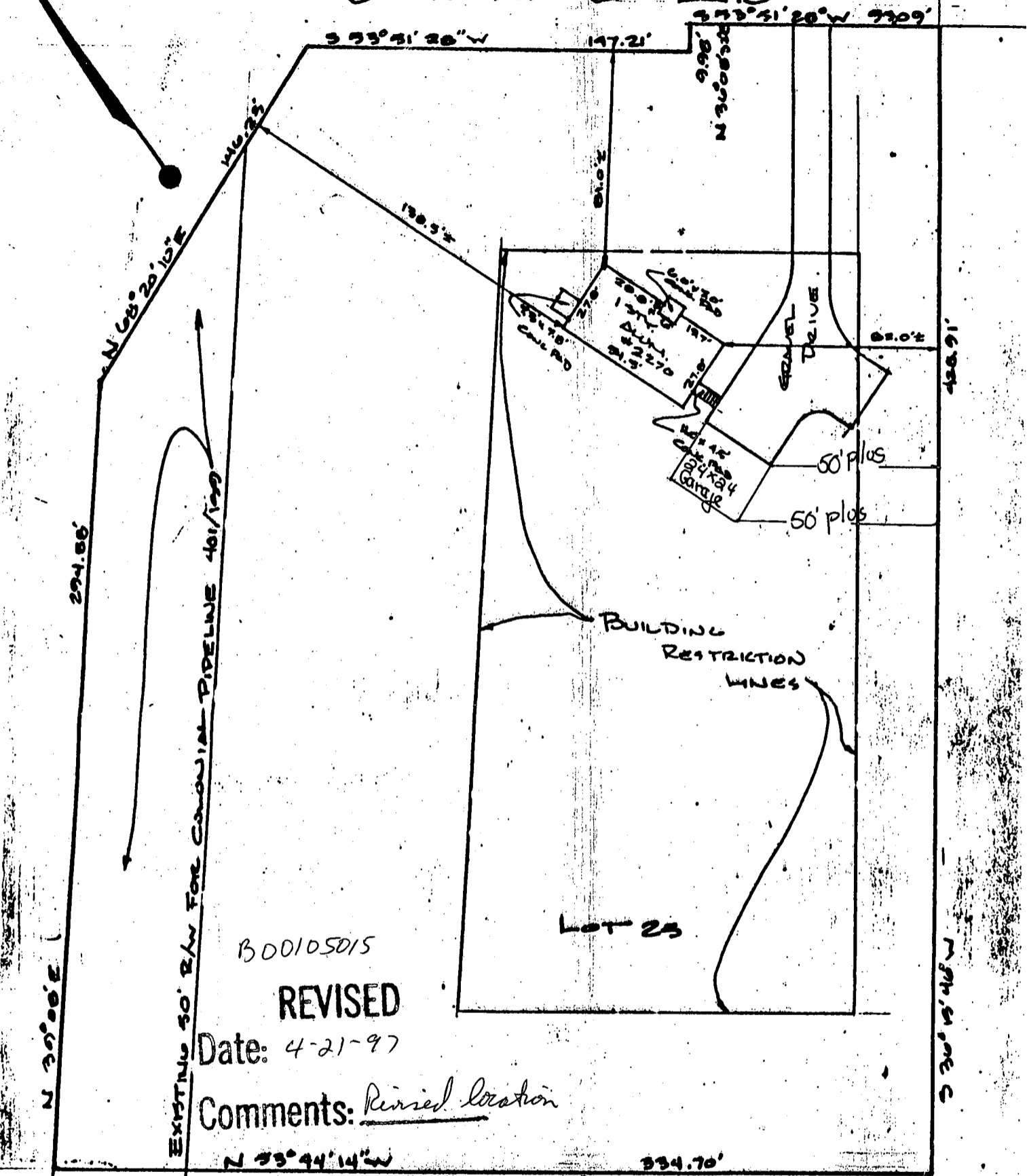
2270 DUVAL ROAD

C. MILTON JAYCOX PROPERTY

LOTS 22, 23, 24 & 25 PLAT #4495

4TH ELECTION DISTRICT HOWARD COUNTY, MD.

DUVAL ROAD



B00105015
 REVISED
 Date: 4-21-97
 Comments: *Revised location*

LOCATION SURVEY PLAT

LOT 24

CERTIFICATION

This is to certify that I have surveyed the property known as: LOT 25
2270 DUVAL ROAD
PLAT 4495

for the purpose of locating the improvements thereon, and the improvements are located as shown.

SEAL



Walter Park

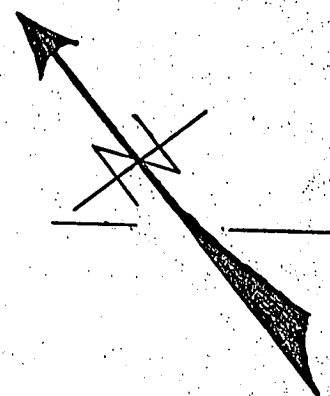
SCALE 1"=50' DATE 7/7/00

PHONE
 828-9060 TOWSON
 730-9060 COLUMBIA

HUDKINS ASSOCIATES, INC.
 Surveyors and Subdivision Designers

SUITE 231 JOSEPH SQUARE
 5485 HARRERS FARM ROAD
 WALTER PARK, L.S. COLUMBIA, MARYLAND 21044
 # 5557

DUVALL ROAD



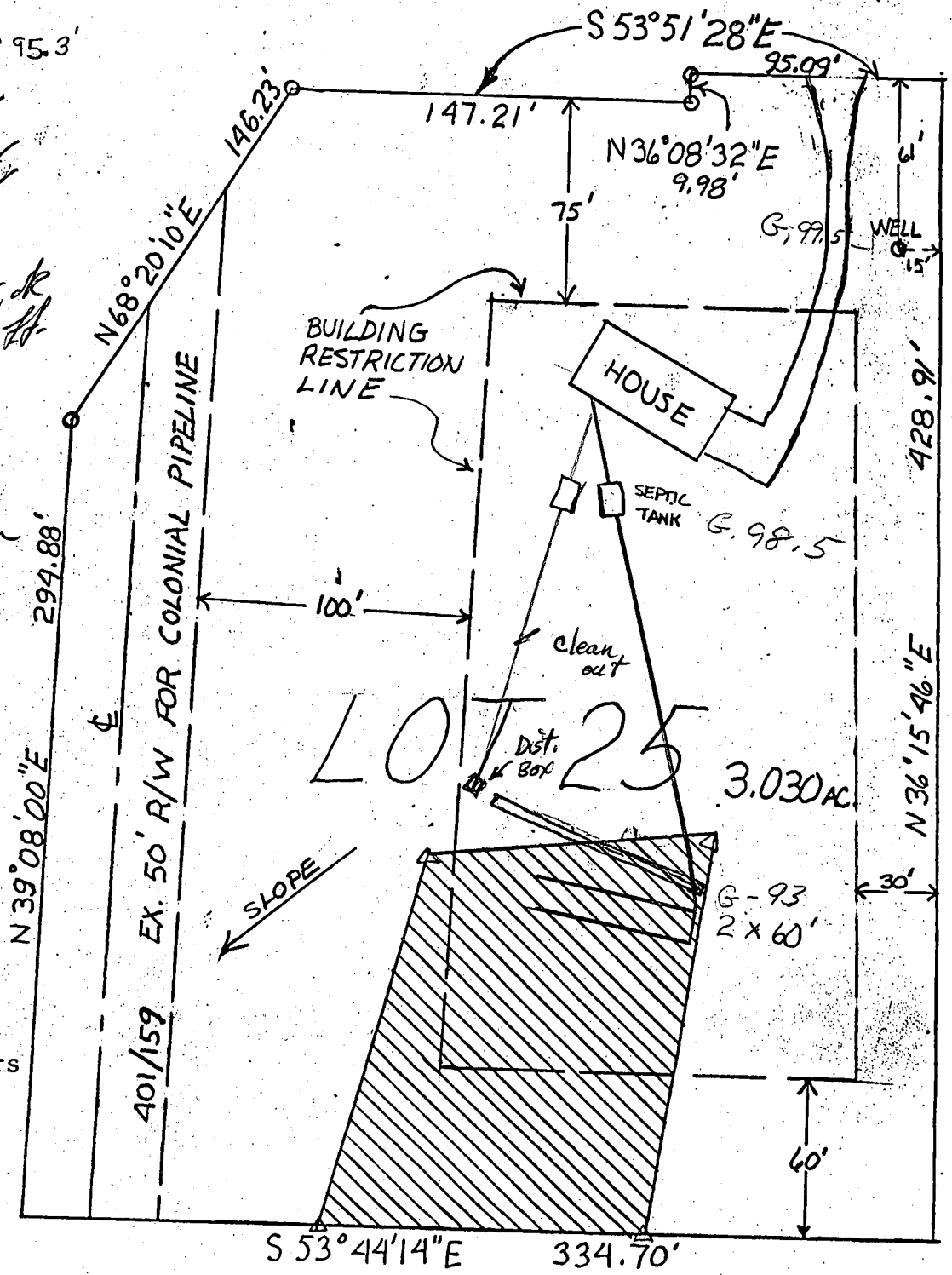
WELL ELEVATION 100'
 EXISTING GRADE 99.5'
 ELEVATION OF F.F. 104'
 ELEVATION OF BASEMENT 95.3'
 HOUSE INVERT 94.3'
 GRADE AT TANK 98.5'
 INVERT TO TANK 93.6'
 INVERT FROM TANK 93.2'
 GRADE AT PERK AREA 93'
 INLET TO TRENCH 90'

check location of

1" = 60'

note
 - more trench up as shown
 & start at opposite end
 - clean out needed.

B.P. # 68699



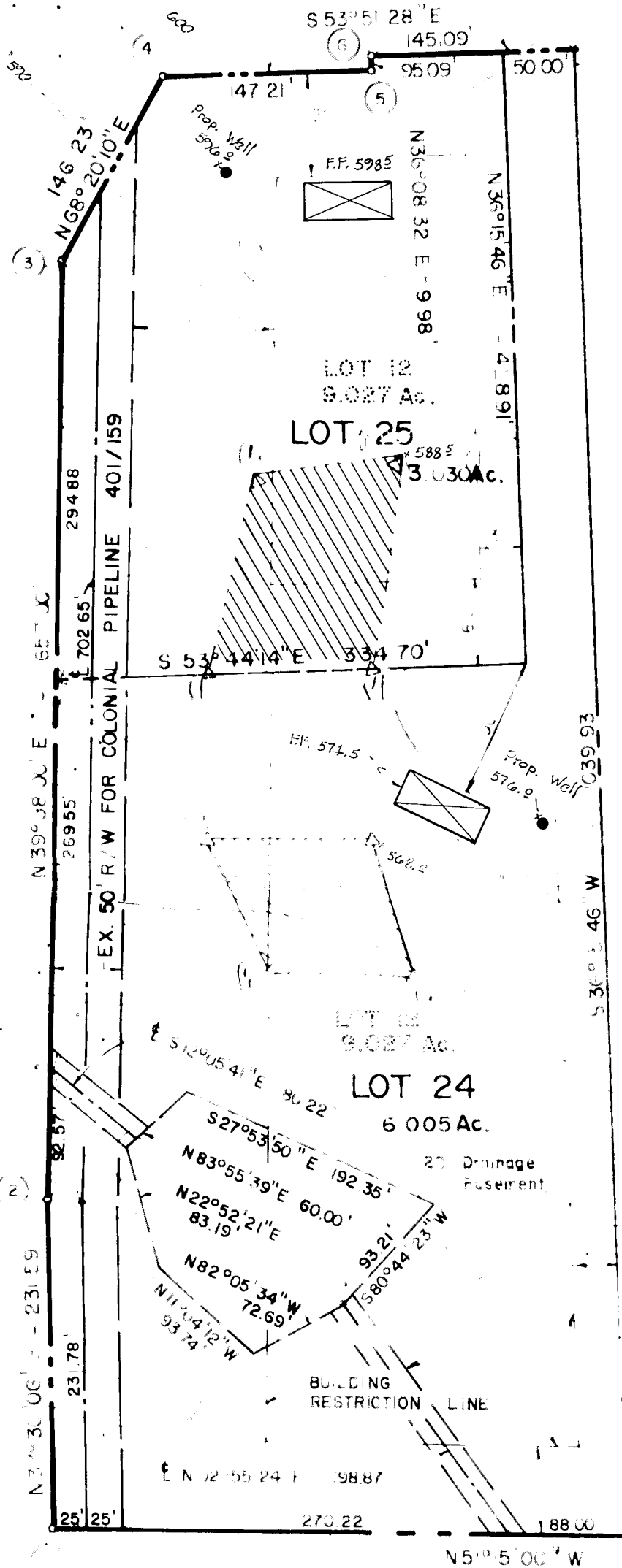
JOHN T. SWANN
 WILLIAM L. SWANN owners
 12979 Rt. 108
 HIGHLAND, MD. 20777
 phone 854-2608

DATE: APR 24 86


SCALE 1/8" = 60'

DUVALL

ROAD



GENERAL NOTES

-  This area designates a private sewage easement of approximately 10,000 square feet as required by the Maryland State Health Department for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available and servicing any residential structure on these building sites. This easement shall become null and void upon these connections to a public sewage system.
- The lots shown hereon comply with the minimum ownership width and lot area as required by the Maryland State Department of Health and Mental Hygiene.
- Percolation tests have been field located as shown Δ .

TITLE:
PERCOLATION CERTIFICATION
Scale 1"=100'

E. W. GRANKOW
734/419

| | | |
|---|--|---|
| <p>C. MILTON JAYCOX PROPERTY LOTS 24 & 25 a resubdivision of lot 12 fourth election district Howard County, Maryland</p> | <p>APPROVED: For private water and private sewage systems Howard County Health Department</p> <p>_____ County Health Officer _____ Date</p> | <p>TYDINGS-OHEIM ASSOC., INC 8370 Court Avenue Ellicott City, Md. 21043 465-0660</p> |
|---|--|---|

C1 2282 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 A23451

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 012386 Depth of Well 225 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1014

OWNER SWANN last name BILL first name
 STREET OR RFD DUVALL RD TOWN DAISY
 SUBDIVISION JAYCOX PROPERTY SECTION LOT 25

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 | |
| Brown shale | 0 | 43 | |
| SAND | 43 | 82 | |
| Blue Rock | 82 | 225 | |

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT- BENTONITE CLAY
 NO. OF BAGS 19 NO. OF POUNDS 1786
 GALLONS OF WATER 114
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 50 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE S7 Nominal diameter top (main) casing (nearest inch) 60 61
 Total depth of main casing (nearest foot) 89 70

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

C2

| EACH SCREEN | DEPTH (nearest ft.) | | | | |
|-------------|---------------------|----|---|-----|---|
| | 1 | 2 | 3 | 4 | 5 |
| 1 | 110 | 87 | | 225 | |
| 2 | | | | | |
| 3 | | | | | |

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

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 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.

DRILLERS IDENT. NO. 238
 DRILLERS SIGNATURE [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.) [] WQ [] [] []
 TELESCOPE CASING [] LOG INDICATOR [] OTHER DATA [] [] []

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 10
 METHOD USED TO MEASURE PUMPING RATE bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 60
 WHEN PUMPING 77
 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: 29
 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 }

