

9/28/89
2:30
Final

03-312291 File

9/28 ① P.C.O. A.M.
② P.C.O. C.B.D.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 44955
A 38122
DISTRICT 3rd
DATE 9/15/89
DATE SYSTEM APPROVED 9/28/89
INSPECTOR C.B.D.

INDEXED

Dave Hopkins & Son

IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland

PHONE 831-7257

SUBDIVISION Meadowood

ROAD 1248 Crows Foot Road LOT 14

PROPERTY OWNER Jerry Hagan Builders, Inc.

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

DRYWELL AND TRENCH - 160 sq. ft. per bedroom. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between drywell and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as drywell, with 5 feet of stone below distribution pipe.

LOCATION - Place drywell 155 feet from the front lot line and 115 feet from the right lot line as seen when facing the property from Meadowood Road.

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

PLANS APPROVED BY C. Williams

DATE 8/08/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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

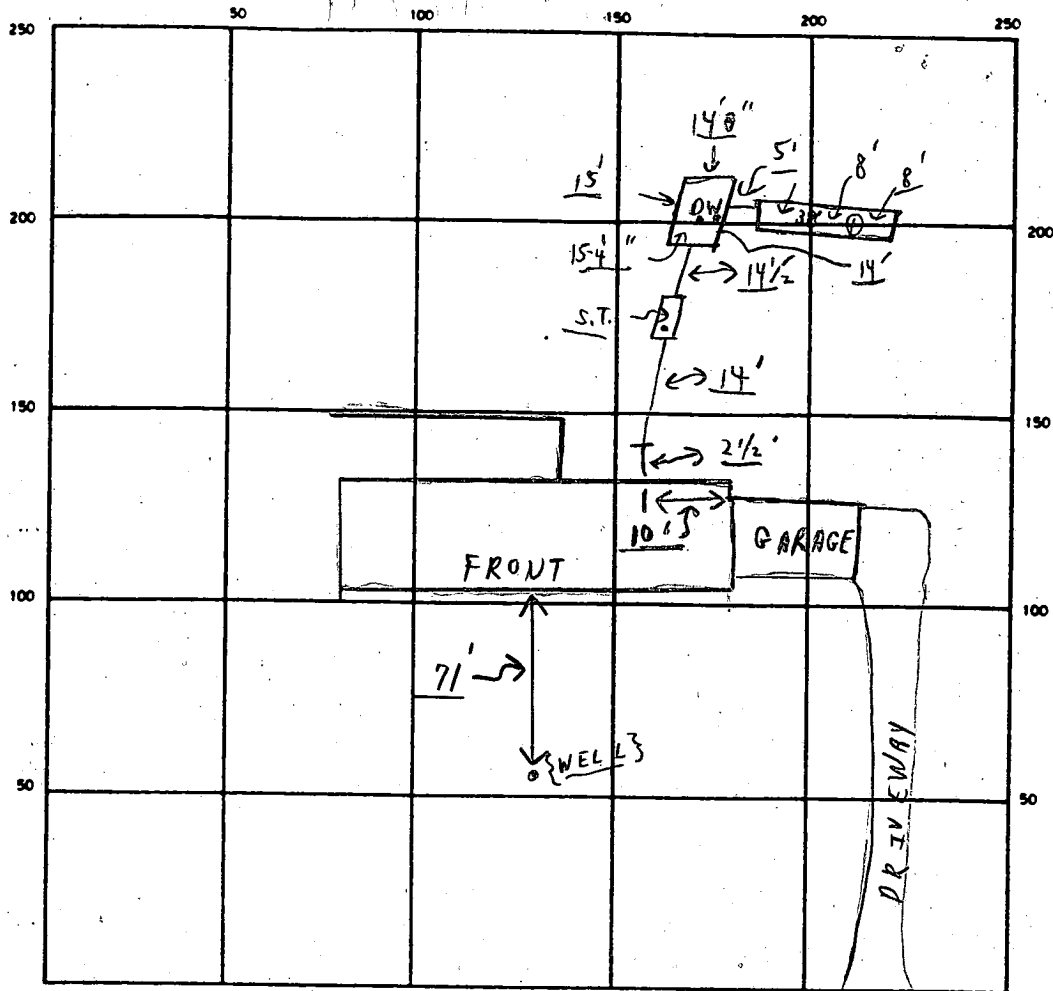
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 38122



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 ← CROSSFOOT ROAD →

SEPTIC TANK LEVEL OK CLEANOUTS OK | S.O.T. | D.W. OK

DISTRIBUTION BOX LEVEL NONE

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 30 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 190 SQ. FT.

DRYWELL INSIDE DIAMETER 59 1/2 FT. EFFECTIVE DEPTH BELOW INLET 5' 2" ± 297 1/2' +

ABSORBENT AREA 487 SQ. FT.

REMARKS 9/28/89 ① Partial section back only; { GRAVEL TRUCK HOGG UP. }
 ② Partial - ok to cover from house to Dry Well only; c.B.D.
 ③ Final - ok to continue stone in trench, pipe and paper to 3' of surface and cover as you go. c.B.D.

DATE SYSTEM APPROVED 9/28/89 INSPECTOR Charles Bryan Shesker

APPLICATION

PERCOLATION TESTING

A 38/22

P _____

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

DISTRICT _____

DATE 11/28/86

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 Springhill Associates - c/o D.S. Thaler & Associates, Inc.
JERRY HOGAN Build. Inc. 795-5608

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE (301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 15 14
1248 - CROWS FOOT RD.

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road

Howard County, Maryland

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family
(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.

Mike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Dry Wells DATE 5-15-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/5/86 Pnc. Satisfactory, Hold For Subdivision Plat. S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 5-15-89
BP 25376gh

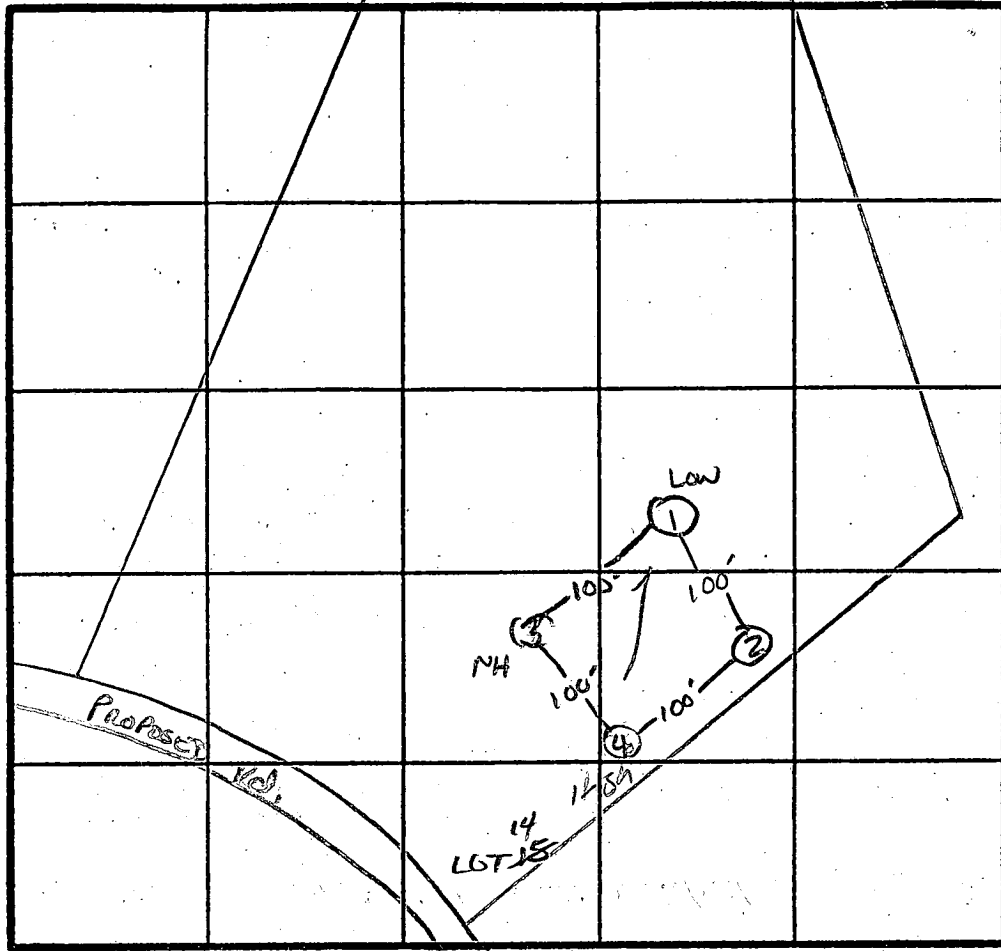
THIS IS NOT A PERMIT

SOIL PROFILE

6"
4"
3"
12"

A#3
yellow CL
Silt CLM
19% CLAY
210% FRAGS

THIN TO
LIGHT BR
Silt CLM
Highly
Micaeous
25-30%
FRAGMENTS
30-35%
AT
BOTTOM



2 Perc
2 min
160 #/BR
3' INLET
8' BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO HENRYTON RD.

RECOMMEND DAYWELL
FOR INITIAL SYSTEM
DUE TO TOPO,
C.W.

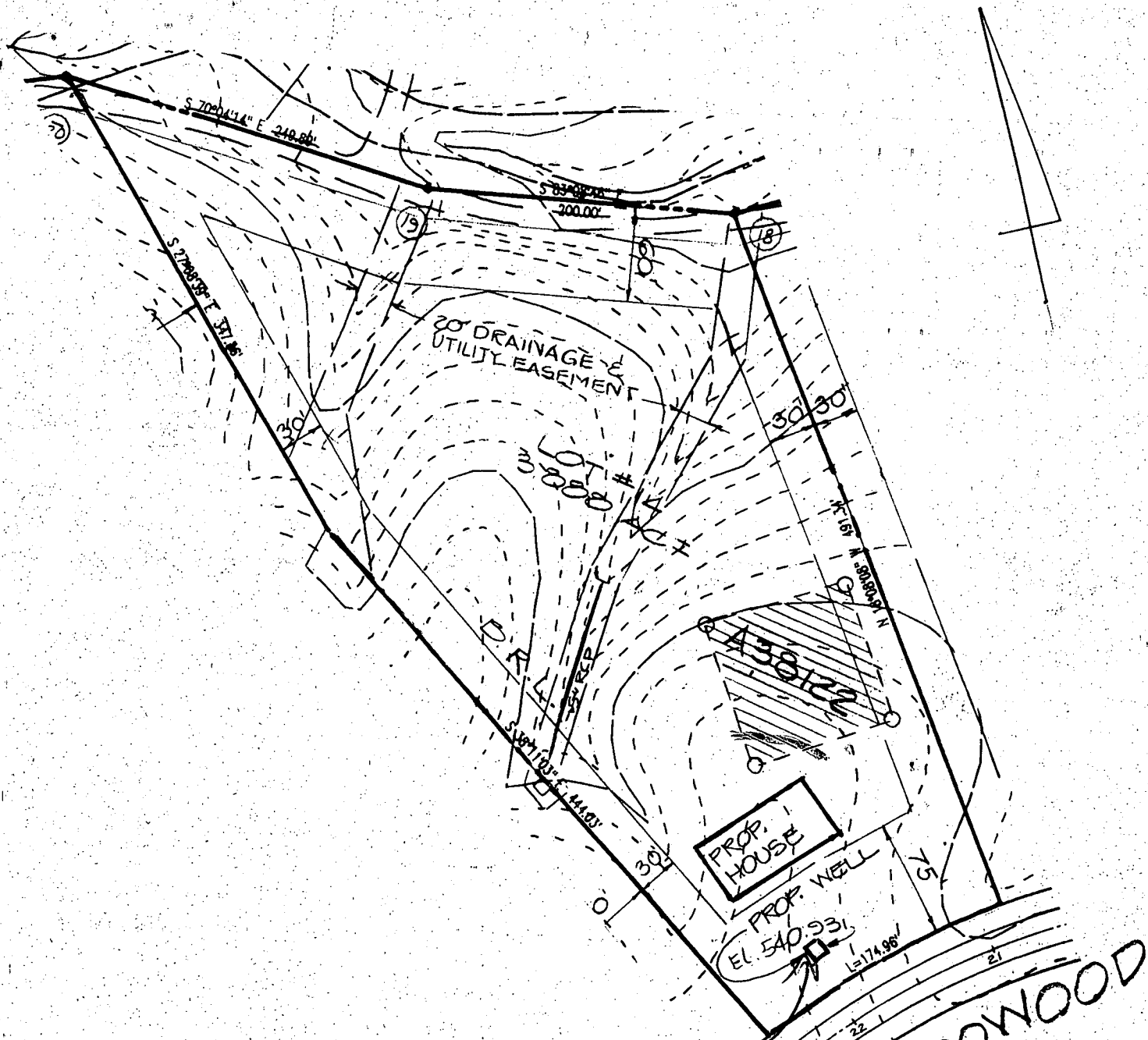
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/4/86	1 S	3.5' 12"	11:46	11:47	11:47	11:49	2 min
	2 S	3.5' 12"	11:55	11:56	11:56	11:57	1 min
	3 S	3.5' 8"	2:21	2:22	2:22	2:23	1 min
	3 M	8"	2:19	2:20	2:20	2:23	3 min
	3 V	12"	SAME AS HOLE #2				
	4 V	11.5"	SAME AS HOLE #2				

REMARKS Holes Per R.A.T

TYPE OF SOIL Glenda

TESTED BY S. Abel ALSO PRESENT J. Gary R.D. OWNER

EH-12-1079



OWNER

SPRING HILL ASSOCIATES
 RUTH H. WESTON
 1427 ROUTE 32
 SYKESVILLE, MD. 21784

DEVELOPER

KOREN DEVELOPMENT CORP. INC.
 5423 WATERCRESS PLACE
 COLUMBIA, MARYLAND 21045

8/2/87
 site
 staked as
 shown &
 OK (ba)

MEADOWOOD
 RECEIVED
 JUN 30 1987
 L.F. EASTERDAY, INC.

D.S. Thaler & Assoc. Inc.
 CIVIL ENGINEERS • SURVEYORS
 LANDSCAPE ARCHITECTS
 11 WARREN ROAD
 BALTIMORE, MARYLAND 21208
 (301) 484-4100

LOT # 14
MEADOWOOD
 SECTION ONE
 TAP MAP 10
 3RD ELECTION DISTRICT
 SCALE: 1" = 100'
 PARCEL 139
 HOWARD COUNTY, MARYLAND
 DATE: JUNE 25, 1987

2152

SEQUENCE NO. (OEP USE ONLY)

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 38122**

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

DATE RECEIVED
8 13

DATE WELL COMPLETED
15 **080188** 20

DEPTH OF WELL
22 **400** 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-81-2540
28 29 30 31 32 33 34 35 36 37

OWNER **ASSOCIATES** **SPRING HILL**
STREET OR RFD **MEADOWWOOD ROAD** first name TOWN **SYKESVILLE**
SUBDIVISION **MEADOWWOOD** SECTION **1** LOT **14**

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	
TOP soil	0	2	
Clay	2	3	
Shaley	3	14	
Mica schist	14	35	
Sand stone	35	40	
Mica	40	65	
Sand stone	65	68	✓
Mica	68	400	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
TYPE OF GROUTING MATERIAL
CEMENT **CM** BENTONITE CLAY **BC**
NO. OF BAGS **17** NO. OF POUNDS **1700**
GALLONS OF WATER **85**
DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **20** ft.
(enter 0 if from surface)

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

MAIN CASING TYPE
Nominal diameter (nearest inch) **6**
Total depth of main casing (nearest foot) **48**

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.)
HO **46** **400**
E A C H S C R E E N

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

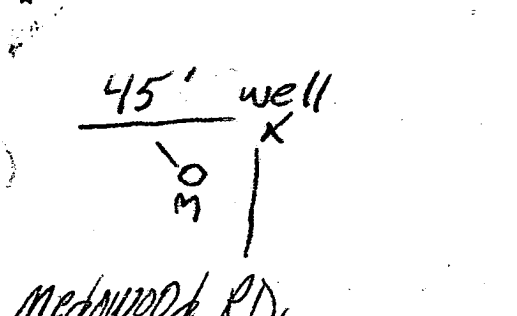
GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) **6**
PUMPING RATE (gal. per min. to nearest gal.) **2**
METHOD USED TO MEASURE PUMPING RATE **Bucket**
WATER LEVEL (distance from land surface) BEFORE PUMPING **59**
WHEN PUMPING **181**
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:
CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**
PUMP HORSE POWER **37** **41**
PUMP COLUMN LENGTH (nearest ft.) **43** **47**
CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE **2** (nearest foot)
- below }

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



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. **40**
DRILLERS SIGNATURE **Henry I. Easterday**
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) **Charles P. Filler**