

1-24-89  
HOB  
1/27/89 AM

05 - 384664

# PERMIT

P 42653

A 24790

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

DATE 9/27/89

DATE SYSTEM APPROVED 1/27/89

INSPECTOR M. R. F. H.

Oskar Schulz, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 6610 Blackwatch Lane, Highland, Maryland 20777 PHONE \_\_\_\_\_

SUBDIVISION Allnutt Farms ROAD 13483 Open Space Ct. LOT 9, Section 4

PROPERTY OWNER Oskar Schulz Paul Duncan

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 207 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the first trench 60 feet down the left (249.73') lot line and 160 feet off the same lot line as seen when facing the lot from Open Space Court. Run trenches on contour toward the front right lot corner.

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

PLANS APPROVED BY Sid Abel DATE 3/30/88

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.

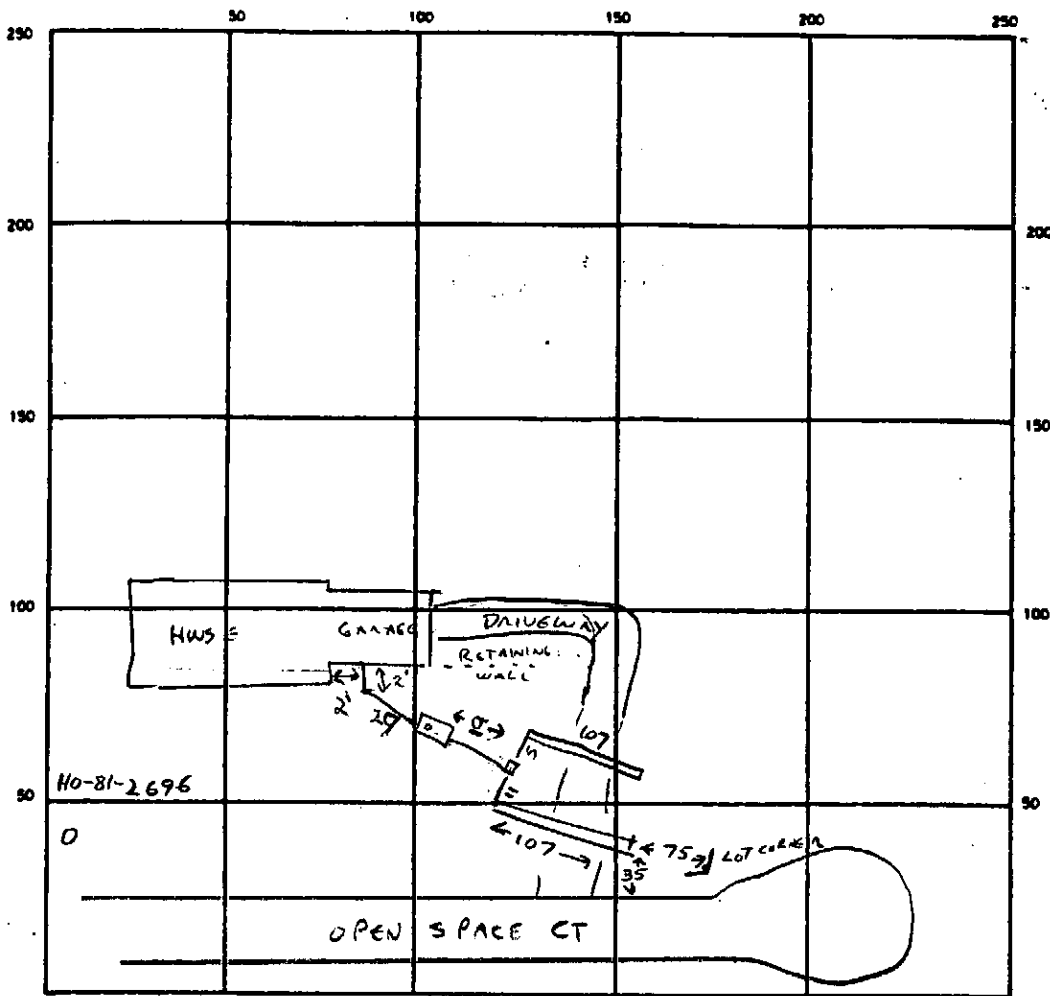
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 24790



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL  2000 GAL

NEEDS COVER ON MANHOLE 1/25/89  
CLEANOUTS MANHOLE ON SEPTIC TANK

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TILE FIELD DEPTH 7 1/2 FT TRENCH WIDTH 2 FT INLET DEPTH 3 FT

EFFECTIVE GRAVEL DEPTH 4.5 FT TOTAL LENGTH 214 ~~IN TOTAL REQUIRED~~

NUMBER OF TRENCHES 2 (107 each) ONE SIDEWALL/BOTTOM AREA 856 | 824 SQ FT

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT

ABSORBENT AREA \_\_\_\_\_ SQ FT.

REMARKS TRENCHES OK TO ADD GRAVEL 1/24/89 CW.

1/25/89 - STONE ADDED COVER TANK & TRENCHES  
CONNECT TANK TO HOUSE & PUT LID ON MANHOLE R/H  
1/27/89 COVER ON TANK MANHOLE, HOUSE CONNEX. COMPLETE MR

DATE SYSTEM APPROVED 1/27/89

INSPECTOR M. R. Fiskin

# APPLICATION

A \_\_\_\_\_

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 Fifth

DATE 9/9/76

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 Mr. and Mrs. Smith W. Allnut

ADDRESS 13288 Highland Road  
Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:

SUBDIVISION Hi-Land Farm Estates LOT NO. 40/39 contained

ROAD AND DESCRIPTION Court "B"

SIZE OF LOT 1.12 Ac TYPE BLDG. 3 or 4 bedroom  
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/ Margaret G. Allnut

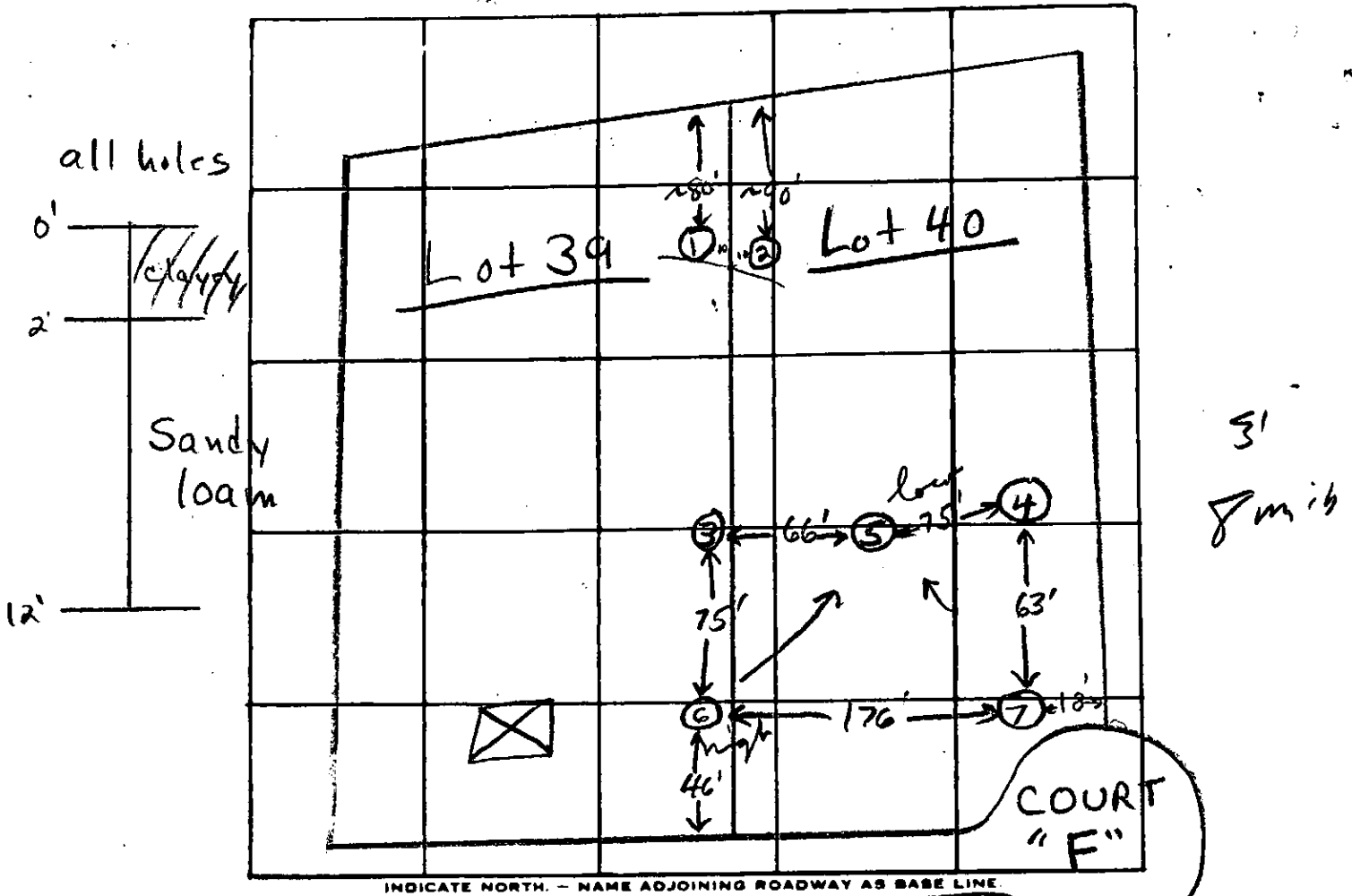
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT



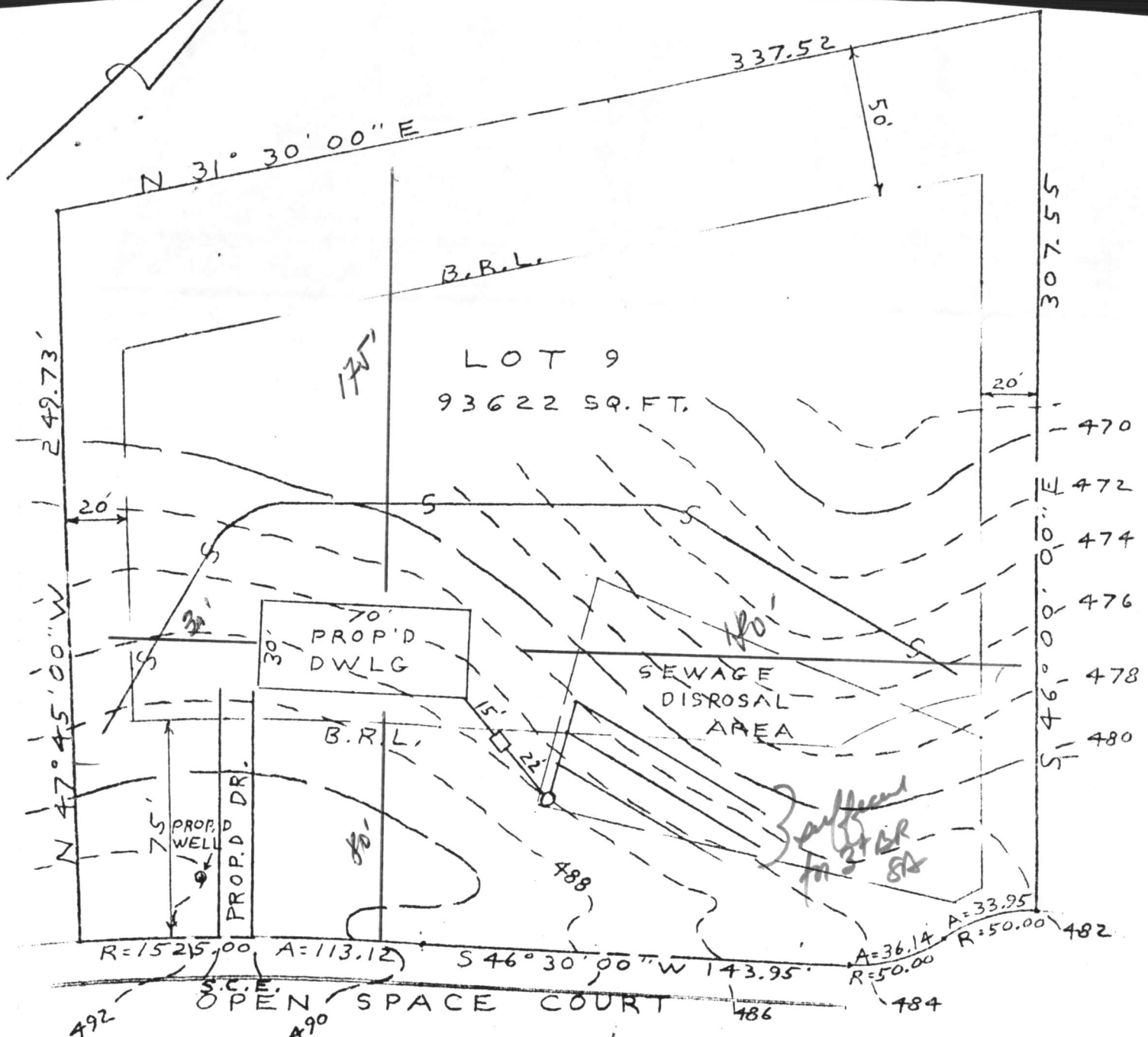
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/9/76	1	9'	Water at 9'. clay to 4' sandy loam 4-9'					
↓	2	10'	Water at 10'. clay to 5'; sandy 5-10'					
11/10/76	3	2'	2:06	2:08	2:08	2:14	6min	
	3A	12'	2:06	2:07	2:07	2:09	2min	
	4	11'	Clayey to 2', sandy loam below					
	5	2'	2:36	2:37	2:37	2:39	2min	
	5A	12'	2:36	2:42	2:42	2:51	9min	
	6	3'	1:48	1:50	1:50	1:53	3min	
	6A	12'	1:48	1:54	1:54	2:06	12min	
	7	11'	Clayey to 3', sandy loam below					

REMARKS \_\_\_\_\_

TYPE OF SOIL sandy loam below top 2-3' clayey soil

TESTED BY F.S. on 11/9 F.S. & R.B. on 11/10

ALSO PRESENT: Kettermoss & Allwitt's



SEDIMENT CONTROL MEASURES  
 S-S, DENOTES SILT FENCE  
 S.C.E., DENOTES STABILIZED  
 CONSTRUCTION ENTRANCE.

PLOT PLAN  
 LOT 9 OPEN SPACE COURT  
 SEC. 4, ALLNUTT FARMS ESTATES  
 PLAT NO. 4621  
 ELECTION-DISTRICT 5  
 HOWARD COUNTY MD.  
 SCALE: 1" = 50'  
 DRAWN: APRIL 4, 1988

EXIST, GRN. AT DISTR. BOX	486.00	✓
INV. IN DISTR. BOX	483.00	✓
INV. OUT OF SEPTIC TANK	483.44	✓
INV. INTO SEPTIC TANK	483.84	✓
INV. OUT OF DWELLING	484.14	✓
FIRST FLOOR ELEV.	491.00	✓
CELLAR ELEV.	482.00	✓
WELL ELEV.	492.00	✓
NO. OF BEDROOMS	3	✓
ACREAGE	93622 SQ. FT.	

BSMT  
 elevations ok  
 8/25/88  
 S. abel





C1 7777 SEQUENCE NO. (OEP 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 24790

DATE Received

DATE WELL COMPLETED 5/19/88

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2696

OWNER SCHULZ, OSKAR last name first name TOWN HIGHLAND SUBDIVISION ALLMUTT FARMS IV SECTION 4 LOT 9

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: rolling ground + gravel, alt. gray + brown schist, gray schist, water, gray schist, water, gray schist.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1536 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 27 ft.

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

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) 6 (63-64) Total depth of main casing (nearest foot) 41 (66-70)

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

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

DEPTH (nearest ft.) HO 41 250. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

PUMPING TEST HOURS PUMPED (nearest hour) 35 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE watch + bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 WHEN PUMPING 52 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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 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. 353 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

