COWLITZ COUNTY DEPARTMENT OF BUILDING AND PLANNING
207 FOURTH AVENUE NORTH ♦ KELSO, WASHINGTON 98626 ♦ TELEPHONE (360) 577-3052

SUBSURFACE SEWAGE APPLICATION FOR

#EC-394-96

Property Location: 291 BADGER ROAD
12/26/96 KELSO, WA 98626 Lot No. 2 OF 3
Section 22 -Township 7N -Range 1W Tax Lot # 12 Parcel # WD2211010 Acres 5.10

FIELD INFORMATION

General Topography 25-35% RESIDUAL UPLANDS

Relationship to Existing Domestic Water Sources WELL.

Hydrology: Depth to Ground Water Table (representative) > 72"+

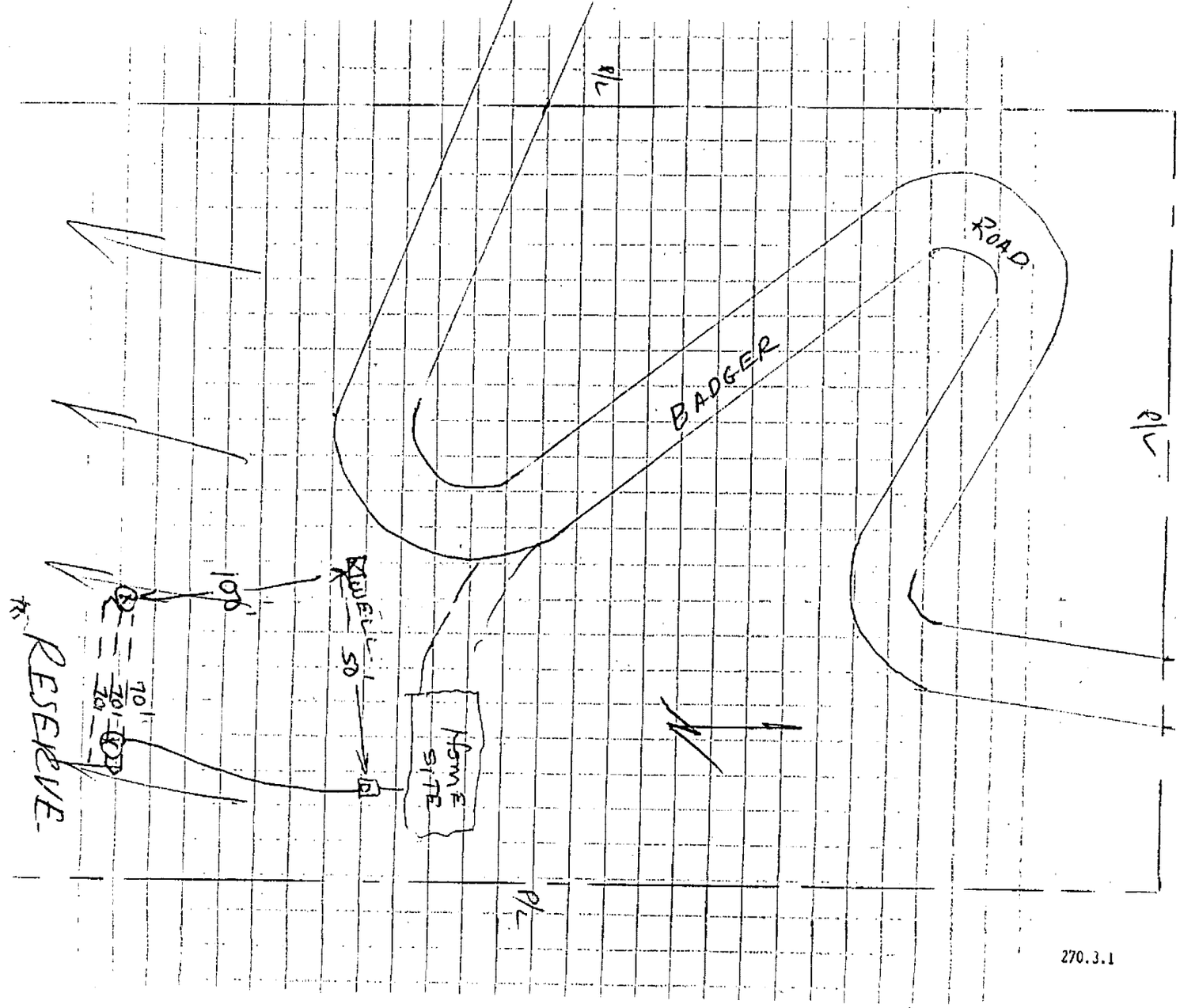
Relationship to Surface Waters N/A

Soil Profile 0-72"+ DK.BRN-RER.BRN gr L/gr SICL MMSAB/MCSAB
NO MOTTLES - DEEP TO SAPROLITE

*ADJUST DRAINFIELD AS NEEDED W/100 FT. SETBACK FROM WELL; 10 FT. FROM TREES.

Miscellaneous Information 70'/BEDROOM X 3 = 210 FT. = 630 FT.²
SERIAL SYSTEM.

PLOT PLAN



270.3.1

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W067871
UNIQUE WELL I.D. # AB9223
Water Right Permit No.

(1) OWNER: Name Allcor Const. Address 39006 NE 74th Lacenter Wa 98629

(2) LOCATION OF WELL: County Cowlitz SW 1/4 SW 1/4 Sec 22 T. 7 N., R. 1W W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) 2390 BAKER RD Rt. Kelso, Wa. 98626

(3) PROPOSED USE: [X] Domestic [ ] Irrigation [ ] DeWater Industrial [ ] Test Well [ ] Municipal [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well (if more than one) 1
Abandoned [ ] New well [X] Deepened [ ] Reconditioned [ ]
Method: Dug [ ] Cable [ ] Rotary [X] Bored [ ] Driven [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 145 feet. Depth of completed well 145 ft.

(6) CONSTRUCTION DETAILS:
Casing Installed: 6 " Diam. from ½ ft. to 59½ ft.
Welded [X] Liner installed [X] Threaded [ ]
" Diam. from ft. to ft.
" Diam. from ft. to ft.

Perforations: Yes [X] No [ ]
Type of perforator used Saw
SIZE of perforations 1/4 in. by 4 in.
20 perforations from 105 ft. to 145 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 59 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [X]
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: 10S10-15 H.P. 1

(8) WATER LEVELS: Land-surface elevation above mean sea level 1200 ft.
Static level 102 ft. below top of well Date 9-13-96
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [X] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test 9-13-96
Bailer test gal./min. with ft. drawdown after hrs.
Airtest 30 gal./min. with stem set at 145 ft. for 2 hrs.
Artesian flow g.p.m. Date
Temperature of water 50° Was a chemical analysis made? Yes [ ] No [X]

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
Top Soil	0	2
Clay Brown	2	20
Clay Stone + Rock Br	20	25
Rock Brown Shale	25	45
Rock Blackish Br.	45	63
Grey Shale Rock	63	88
Greyish Black Rock (Hard)	88	93
Black Rock (Hard)	93	108
Grey Shale Rock	108	145

Work Started 9-11-96, 19. Completed 9-13-96, 19 96

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME IRA Bopp Pump + Well (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address 2110 S. Pacific Kelso Wa.
(Signed) Ronnie T. Bopp (WELL DRILLER) License No. 1785
Contractor's Registration No. IRABOPP110D4 Date 9-14-, 19 96

(USE ADDITIONAL SHEETS IF NECESSARY)

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