

STATE OF OREGON  
**MONITORING WELL REPORT**

WASH 54552

Received Date 03/23/1999  
 Well ID Tag# L 22360  
 Start Card # 117576

(as required by ORS 537.765 & OAR 690-240-095)

Instructions for completing this report are on the last page of this form.

**(1) OWNER/PROJECT**

Well No. 22360  
 Co Job No. B-1  
 Name **SPIEKER PROPERTIES**  
 Street **4949 SW MEADOWS RD SUITE 260**  
 City **LAKE OSWEGO** State **OR** Zip **97035**

**(2) TYPE OF WORK**

- New Construction     Alter (Recondition)     Alter (Repair)  
 Conversion     Deepening     Abandonment

**(3) DRILLING METHOD**

- Rotary Air     Rotary Mud     Cable  
 Hollow Stem Auger    Other \*\*\*\*\*

**(4) BORE HOLE CONSTRUCTION**

Special Standards  Depth of completed well **135 ft.**

Diameter	From	To	Material	Begin Depth	End Depth	Material Amount	Units
8.00	0.00	135	Concrete	0.00	2.00	3.00	S
			Bentonite	2.00	113.00	300.00	G

Vault **0** ft.  
 Casing Diameter **2** TO  
 Liner

Monument **0** ft.  
 Casing or Liner Diameter **2.00**  
 Begin Depth  End Depth  Gauge   
 Construction Material **Plast** Weld  Threaded  Location  Of Shoe

Seal **0** ft.  
 TO **0** ft.

From	To	Material	Amount	Seal Grout Weight	Units
0.00	2.00	Concrete	3.00		S
2.00	113.00	Bentonite	300.00		9 G

Filter Pack **113** ft.  
 TO **135** ft.  
 Screen   

Diameter	From	To	Gauge	Material	Type	Slot Size
	115	135		PL		.010

 Filter Pack Material **SA**  
 Size **20.00** in.

**(5) WELL TEST**

Permeability Yield  
 Conductivity PH  
 Temperature of water **57** °F/C Depth artesian flow found  ft.  
 Was water analysis done?   
 By Whom? **EMCON**  
 Depth of strata to be analyzed. From  ft. to  ft.  
 Remarks  
 Name of supervising Geologist/Engineer

**(6) LOCATION OF WELL By legal description**

County **Washington**  
 Township **1.00 S** Range **1.00 W** Section **27**  
 1. **NE** 1/4 of **SE** 1/4 of above section.  
 Legal Desc:  
 2. Either Street address of well location  
**SW OF SW GEMINI DR AND NIMBUS DR INTERSECTION**  
 or Tax lot number of well location **1479929**  
 3. ATTACH MAP WITH LOCATION IDENTIFIED. Map shall include approximate scale and north arrow.

**(7) STATIC WATER LEVEL**

**21.0** Ft. below land surface. Date **02/22/1999**  
 Artesian Pressure lb/sq. in. Date

**(8) WATER BEARING ZONES**

Depth at which water was first found **21** ft.

From	To	Est. Flow Rate	SWL
47	65	20	21
65	66	20	21
85	114	20	21
127	135	20	21

**(9) WELL LOG**

Ground elevation  ft.

Material	From	To	SWL
BROWN FINE SILT	0	14	
SILTS GREY MOIST	14	17	
WEATHERED BASALT GREY	17	29	21
MED BASALT BROWN & GREY	29	47	
FRACT MED BASALT	47	65	
TAN CLAY	65	66	
MED BASALTS	66	85	
MED BASALTS RED CLAY	85	114	
FRACTURED BASALT	114	120	
MED RED GREY BASALT	120	124	
MED GREY BASALT	124	127	
FRACT GREY BASALT	127	134	
FRACT GREY BASALT	134	135	

Date started **02/16/1999** Completed **02/23/1999**

**(unbonded) Monitor Well Constructor Certification:**

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to the best knowledge and belief.

MWC Number **10453**

Signed By **GORDON E BURTON** Date

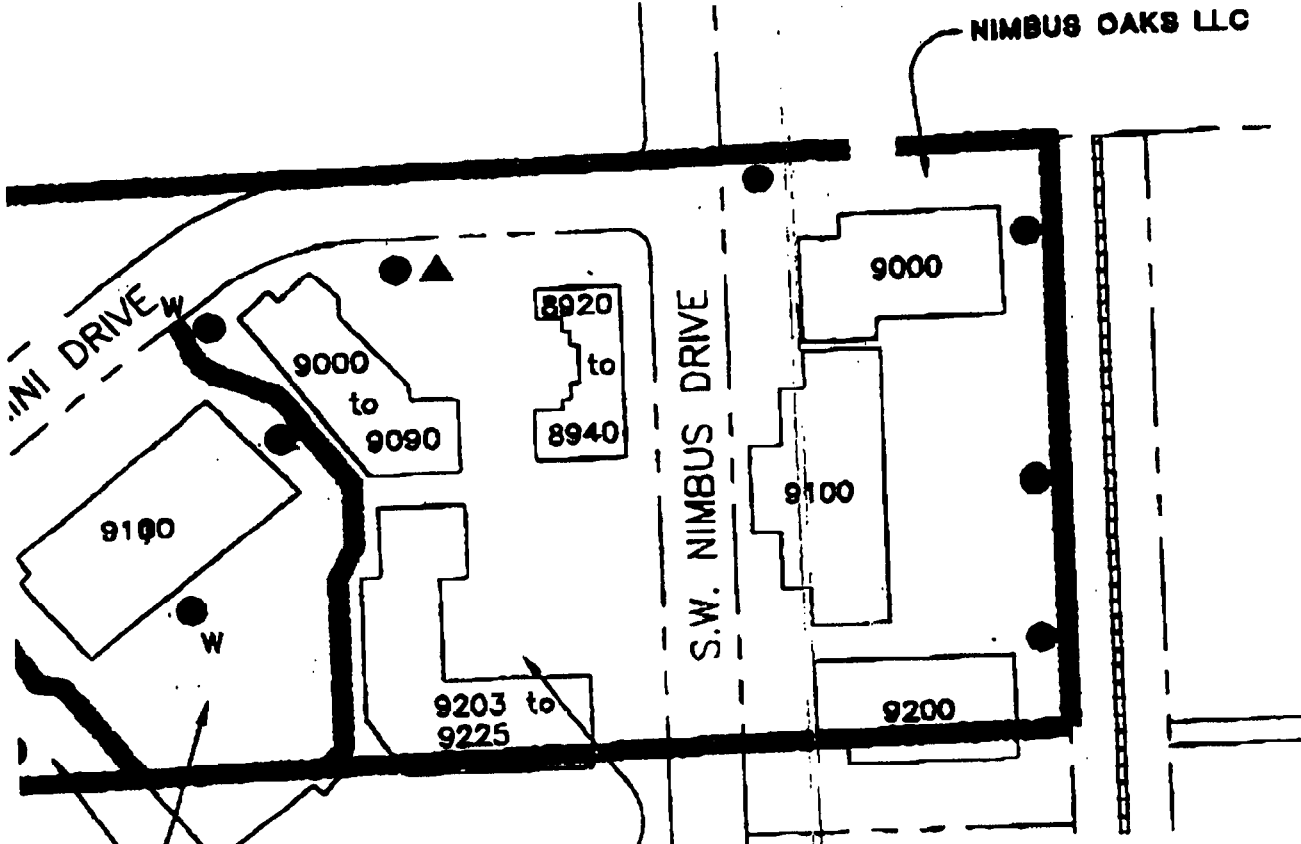
**(bonded) Monitor Well Constructor Certification:**

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

MWC Number **10011**

Signed By **GREG MCINNIS** Date

Post-Net Fax Note	7671	Date	2-15-99
To	Robert	From	EMCON
Co./Dept.	Cost Est	Co.	EMCON
Phone #		Phone #	
Fax #		Fax #	



and Groundwater Boring. "W" indicates  
 d As Shallow Monitoring Well.  
 Aquifer Monitoring Well

Wash  
 5-4552,  
 5-4553

DATE	10/13/96
OWN	RJF
APP	RL
REV	
PROJECT NO.	41284002.002

**Figure 3-1**  
 GAF CORPORATION  
 GAF/MATTEL SITE  
 BEAVERTON, OREGON  
 PROPOSED PARCEL 3 BORINGS AND  
 MONITORING WELLS

enge for Existing Buildings