

RECEIVED

MAY 8 1984

16S/11E-27dc

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

DESC 4/35

PLEASE TYPE or PRINT IN INK

WATER RESOURCES DEPT SALEM, OREGON

(for official use only)

(1) OWNER:

Name Jim & Chris Bauersfeld Address 4402 S. W. Lava City Redmond State OR

(2) TYPE OF WORK (check):

New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary Air [X] Driven [ ] Domestic [X] Industrial [ ] Municipal [ ] Pottery Mud [ ] Dug [ ] Irrigation [ ] Thermal: Withdrawal [ ] ReInjection [ ] Cased [ ] Bored [ ] Other: Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

Steel Threaded [X] Plastic Welded [X] 10" Diam. from 2 ft. to 18 ft. Gauge .250

LINER INSTALLED:

Steel Threaded [ ] Plastic Welded [ ] 8" Diam. from 0 ft. to 54 ft. Gauge .188

(6) PERFORATIONS:

Perforated? [X] Yes [ ] No Size of perforations 7/8 in. by 16 in. 76 perforations from 524 ft. to 554 ft.

(7) SCREENS:

Well screen installed? [ ] Yes [X] No Manufacturer's Name Type Model No. Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [ ] Yes [X] No If yes, by whom? Air test gal./min. with drill stem at ft. hrs. Bailer test 7 gal./min. with 3 ft. drawdown after 1 hrs. Artesian flow g.p.m. Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes [ ] No [X] Well seal—Material used cement Well sealed from land surface to -18 ft. Diameter of well bore to bottom of seal 15 in. Diameter of well bore below seal 10 in. Amount of sealing material 6 sacks [X] pounds [ ] How was cement grout placed? pressure grout

Was pump installed? [ ] Yes [X] No Type HP Depth ft. Was a drive shoe used? [ ] Yes [X] No Plugs Size: location ft. Did any strata contain unusable water? [X] Yes [ ] No Type of Water? surface depth of strata 21 feet Method of sealing strata off cemented off Was well gravel packed? [ ] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Deschutes SW 1/4 SE 1/4 of Section 27 Township 16S Range 11E WM. (Township is North or South) (Range is East or West) Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL (or nearest address)

(11) WATER LEVEL OF COMPLETED WELL:

Depth at which water was first found 514 96 ft. Static level 488 ft. below land surface. Date 4/30/84 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 0 ft. Depth drilled 554 ft. Depth of completed well 554 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include topsoil, brown coarse sandstone, pink fine sandstone, white coarse pumice, brown coarse sandstone, pink coarse sandstone, red cinders, tan coarse sandstone, black coarse sand WR, brown lava rock, grey hard rock, brown soft rock, grey hard rock, brown coarse cong. & boulders, brown soft broken rock, brown hard rock, sandstone cong. soft, brown soft rock, brown soft broken rock, black hard rock.

continued on page 2 Date work started 4-16 /completed 4-30/84 Date well drilling machine moved off of well 4/30 1984

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond 2206234 Issued by: Western Surety (number) (Surety Company Name) On behalf of Crawford Well Drilling, Inc. (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) [Signature] (Water Well Constructor)

(Dated) 5-5-84

NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

SP\*46866-690

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

*DESIGN*

**WATER RESOURCES DEPT**  
**SALEM, OREGON**

PLEASE TYPE or PRINT IN INK

**RECEIVED**

MAY 8 1984

*169/11E-27dc*

(for official use only)

**(1) OWNER:**

Name Jim & Chris Bauersfeld  
 Address 4402 S.W. Lava  
 City Redmond State OR

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
 Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal:   
 Irrigation  Withdrawal  Reinjection   
 Other:   
 Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded

....." Diam. from ..... ft. to ..... ft. Gauge .....

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded

....." Diam. from ..... ft. to ..... ft. Gauge .....

**(6) PERFORATIONS:**

Perforated?  Yes  No

Size of perforations in. by in.  
 ..... perforations from ..... ft. to ..... ft.  
 ..... perforations from ..... ft. to ..... ft.  
 ..... perforations from ..... ft. to ..... ft.

**(7) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name ..... Model No. ....  
 Type ..... Slot Size ..... Set from ..... ft. to ..... ft.  
 Diam. .... Slot Size ..... Set from ..... ft. to ..... ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
 ..... gal./min. with ..... ft. drawdown after ..... hrs.  
 Air test ..... gal./min. with drill stem at ..... ft. .... hrs.  
 Bailer test ..... gal./min. with ..... ft. drawdown after ..... hrs.  
 Artesian flow ..... g.p.m.  
 Temperature of water ..... Depth artesian flow encountered ..... ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used .....  
 Well sealed from land surface to ..... ft.  
 Diameter of well bore to bottom of seal ..... in.  
 Diameter of well bore below seal ..... in.  
 Amount of sealing material ..... sacks  pounds   
 How was cement grout placed? .....

Was pump installed? ..... Type ..... HP ..... Depth ..... ft.  
 Was a drive shoe used?  Yes  No Plugs ..... Size: location ..... ft.  
 Did any strata contain unusable water?  Yes  No  
 Type of Water? ..... depth of strata  
 Method of sealing strata off .....  
 Was well gravel packed?  Yes  No Size of gravel: .....  
 Gravel placed from ..... ft. to ..... ft.

**(10) LOCATION OF WELL by legal description:**

County Deschutes SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  of Section 27 of  
 Township 16S, Range 11E, WM.  
 (Township is North or South) (Range is East or West)

Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_

MAILING ADDRESS OF WELL (or nearest address) \_\_\_\_\_

**(11) WATER LEVEL OF COMPLETED WELL:**

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

Static level ..... ft. below land surface. Date .....

Artesian pressure ..... lbs. per square inch. Date .....

**(12) WELL LOG:**

Diameter of well below casing .....

Depth drilled ..... ft. Depth of completed well ..... ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<i>continued from page 1</i>			
brown soft broken rock	323	341	
black hard rock	341	357	
brown soft broken rock	357	394	
brown sandstone & boulders	394	401	
brown coarse sandstone	401	409	
grey soft lava rock	409	447	
brown sandstone & boulders	447	457	
brown med. lava rock	457	472	
brown broken soft rock	472	484	
<del>black hard rock</del> black hard rock	484	496	
brown soft broken rock	496	505	
grey lava rock	505	514	
black coarse sand & gravel WB	514	549	
grey hard rock	549	554	

Date work started ...../completed .....

Date well drilling machine moved off of well ..... 19 .....

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] ..... Date ....., 19 .....

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

Bond 2206234 Issued by: Western Surety  
 (number) (Surety Company Name)

On behalf of Crawford Well Drilling, Inc.  
 (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(Signed) *Leo Bauersfeld*  
 (Water Well Constructor)

(Dated) 5.5.84

NOTICE TO WATER WELL CONSTRUCTOR  
 The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
 SALEM, OREGON 97310  
 within 30 days from the date of well completion.

SP\*46866-690