

Well #1

CROO  
51364

STATE OF OREGON  
WATER SUPPLY WELL REPORT  
(as required by ORS 237.765)

WELL I.D. #1 35726  
START CARD # 125688

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

(1) OWNER: Well Number \_\_\_\_\_  
Name Bar-Shoe Ranch  
Address 10309 Wolf Creek RD  
City Reynolds State OR Zip 97131

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 860  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE REAL

Diameter	From	To	Material	From	To	Sacks per pounds
16	0	93	rent	0	150	30 sacks
18	93	170				
18	170	270				
8	270	860				

How was seal placed Method  A  B  C  D  E  
 Other  poured dry  
Backfill placed from 50 ft. to 93 ft. Material rent into  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 18	0	93	20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 10	170	860	18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

From	To	Slot Size	Number	Diameter	Material	Telephone	Casing	Liner
120	130	1/8 x 3/32	10	10"	Wire		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Artesian  
Yield 100 gal/min 2' Drawdown 260 Drill stem seal 1 hr Flowing  Artesian

Temperature of water 56° Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: 10-13 Feet

(9) LOCATION OF WELL by legal description:  
County CROOK Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 16 N of Range 24 E of W. WM.  
Section 6S 3E 1/4 11W 1/4  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street address of Well (or nearest address) 10309 Wolf Creek Rd Reynolds OR 97131

(10) STATIC WATER LEVEL:  
106 ft. below land surface. Date 8/29/00  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 10'

From	To	Estimated Flow Rate	SWL
10	12	Unknown	106
130	170	50 + 9 am	106
270	860	50 + 9 am	106

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Top Soil	0	6	
Shale & Clay	6	31	
Clay shale	31	80	
Basalt soil	80	130	106
Basalt (Basalt)	130	270	
Basalt gravel	270	860	

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OCT 12 2000  
WATER RESOURCES DEPT  
SALEM, OREGON

Date started 8/15/00 Completed 9/2/00

(unbonded) Water Well Constructor Certification:  
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed Alan Mowles WWC Number 1371 Date 9/2/00

(bonded) Water 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Alan Mowles WWC Number 1371 Date 9/2/00

ORIGINAL WATER RESOURCES DEPARTMENT FIRST COPY (CONSTRUCTOR) SECOND COPY (CUSTOMER)

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MAR 05 2013

SALEM, OR

CROO 51747  
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Well # 2

STATE OF OREGON  
WATER SUPPLY WELL REPORT  
(as required by ORS 511.765)

NOV 6 1 2001

WATER RESOURCES DEPT.

WELL I.D. # L 46150  
START CARD # 104036

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

(1) LAND OWNER  
Name: Bel-Shoe Valley Ranch Bill Sawowski  
Address: 10809 Wolf Creek Rd  
City: Paulina State: OR Zip: 97751

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of completed Well: 255 ft  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL	
Diameter	From To	Material	From To
12"	0 18 1/2	Bentonite	0 18 1/2
12"	18 1/2 255		

How was seal placed: Method  A  B  C  D  E  
 Other: Poured in Dry  
Backfill placed from \_\_\_\_\_ ft to \_\_\_\_\_ ft Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft to \_\_\_\_\_ ft Size of gravel \_\_\_\_\_

Casing	Diameter	From To	Gauge	Material			
				Steel	Plastic	Welded	Threaded
	12"	0 18 1/2	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump  Bailor  Air  Flowing Artesian

Yield gallon	Drawdown	Drill stem at	Time
600+			1 hr

Temperature of water 51° Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Crook Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 16 N of S Range: 24 E of W WM  
Section 4 54 1/4 54 1/4  
Tax Lot 700 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address):  
10809 Wolf Creek Rd

(10) STATIC WATER LEVEL:  
90 ft below land surface Date: 7/12/01  
Artesian pressure \_\_\_\_\_ lb per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 205

From	To	Estimated Flow Rate	SWL
205	218	600+	90

(12) WELL LOG:

Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Top Soil	0	6	
Hard Brown Clay Stone	6	11	
Gravel	11	13	
Hard Brown Sand Stone	13	125	
Hard grey Basalt w/ Tan clay seams	125	218	90
Hard grey Basalt	218	245	
Hard grey Basalt w/ Tan Clay Seams	245	255	

Date started 7/12/01 Completed 7/12/01

(unbonded) Water Well Constructor Certification:  
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.  
Signed: David H. Schlichting WWC Number 1523 Date 7/12/01

(bonded) Water 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 water supply well construction standards. This report is true to the best of my knowledge and belief.  
Signed: David H. Schlichting WWC Number 587 Date 7-11-01

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MAR 05 2013  
SALEM, OR

Well #3

RECEIVED CROO 51746

NOV 01 2001

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.165)

WATER RESOURCES DEPT. SALEM, OREGON

WELL ID # 1 76169 START CARD # 136527

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

(1) LAND OWNER: Name Bar Shos Valley Ranch, Bill Sawowski, Address 10809 Wolf Creek Rd, City Paulina, State OR, Zip 97751

(2) TYPE OF WORK: [X] New Well, [ ] Deepening, [ ] Alteration (repair/recondition), [ ] Abandonment

(3) DRILL METHOD: [X] Rotary Air, [ ] Rotary Mud, [ ] Cable, [ ] Auger, [ ] Other

(4) PROPOSED USE: [ ] Domestic, [ ] Community, [ ] Industrial, [ ] Irrigation, [ ] Thermal, [ ] Injection, [X] Livestock, [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes, [X] No, Depth of Completed Well 380 ft, Explosives used [ ] Yes, [X] No, Type, Amount

Table with columns: Diameter, From, To, Material, From, To, Sack/Barrel points. Includes entries for 12" and 8" diameters with materials like Bentonite and 15'.

How was seal placed: Method [ ] A, [ ] B, [ ] C, [ ] D, [ ] E, [X] Other Routed in Dry. Backfill placed from ft to ft, Material, Gravel placed from ft to ft, Size of gravel.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for 8" casing and liner.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entries for various slot sizes and diameters.

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gpm, Drawdown, Drill stem at, Time. Includes entries for 300 gpm yield and 380' drill stem at.

Temperature of water 51° Depth Artesian Flow Found. Was a water analysis done? [ ] Yes, [ ] No. Did any strata contain water not suitable for intended use? [ ] Too little, [ ] Salty, [ ] Muddy, [ ] Odor, [ ] Colored, [ ] Other. Depth of strata.

(9) LOCATION OF WELL by legal description: County Crook, Latitude, Longitude, Township 16 N of S Range 24 E of W WM, Section 5 SE 1/4 SE 1/4, Tax Lot 400, Lot, Block, Subdivision, Street Address of Well for nearest address 10809 Wolf Creek Rd.

(10) STATIC WATER LEVEL: 99 ft below land surface, Date 7/3/01, Artesian pressure lb per square inch, Date.

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWI. Includes entry for 176 to 325 ft with flow rate 300 and SWI 99.

(12) WELL LOG: Table with columns: Material, From, To, SWI. Includes entries for Top Soil, Hard Brown clay stone, Gravel, Hard Brown sandstone w/ Tan clay seams, Hard grey Basalt w/ Tan clay seams, Hard grey Basalt, Hard grey Basalt w/ Tan clay seams, Hard grey Basalt, Hard grey Basalt w/ Tan clay seams, Hard grey Basalt.

Date started 7/29/01, Completed 7/3/01

(unbonded) Water Well Constructor Certification: I certify that the work performed on the construction alteration or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. Signed David H. Schlichting, WWC Number 1583, Date 7/11/01.

(bonded) Water 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 water supply well construction standards. This report is true to the best of my knowledge and belief. Signed Daniel M. [unclear], WWC Number 584, Date 7-11-01.

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MAR 05 2013

SALEM, OR

**CROO 53470**  
**CROO 53470**

STATE OF OREGON  
WATER SUPPLY WELL REPORT  
(as required by ORS 537.765 & OAR 690-205-0210)

08-07-2007

WELL LABEL # L: 90402  
START CARD # 1001738

*Amended*

**(1) LAND OWNER** Owner Well ID 1422

First Name/Dennis Last Name Buchanan  
Company DURGAN RANCTI  
Address P.O. BOX 40069  
City BELLEVUE State OR Zip 98015-4069

**(2) TYPE OF WORK**  New Well  Deepening  Conversion  
 Alteration (repair/recondition)  Abandonment

**(3) DRILL METHOD**  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Reverse Rotary  Other

**(4) PROPOSED USE**  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  
 Thermal  Injection  Other

**(5) BORE HOLE CONSTRUCTION** Special Standard  (Attach copy)  
Depth of Completed Well 220.00 ft.

**BORE HOLE**

Di	From	To	Material	SLAT	From	To	Amt	lbs
14	0	18.5	Bentonite	0	18.5	10	5	
10	18.5	220						

How was seal placed: Method  A  B  C  D  E  
 Other **POURED IN DRY**  
Backfill placed from ft to ft. Material  
Filter pack from ft to ft. Material Size  
Explosives used:  Yes Type Amount

**(6) CASING/LINER**

Casing	Liner	Di	+	From	To	Gauge	Sl	Plate	Wid	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10		1.5	18.5	.250	<input checked="" type="checkbox"/>			

Slue  Inside  Outside  Other Location of slots  
Temp casing  Yes Di From To

**(7) PERFORATIONS/SCREENS**  
Perforations Method  
Screens Type Material

Perf	Casing	Screen	Di	From	To	Screen slot width	Slot length	# of slots	Telr/ pipe size

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Boiler  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
150		220	1

Temperature 59 F Lab analysis  Yes By  
Water quality concerns?  Yes (describe below)

From	To	Description	Amount	Units

**(9) LOCATION OF WELL (legal description)**  
County Crook Twp 16.00 S N5 Range 24.00 E E/W WM  
Sec  B SW 1-4 of the  SW 1/4 Tax Lot 400  
Tax Map Number Lot  
Lat 0 " or DNMS or DD  
Long 0 " or DNMS or DD  
 Street address of well  Nearest address  
10809 WOLF CREEK RD  
PAULINA, OREGON 97751

**(10) STATIC WATER LEVEL**

Existing Well / Predeepening	Date	SWL (psi)	+ SWL (ft)
DB-02-2007			75
Completed Well	08-04-2007		75

Flowing Artesian?  Dry Hole?

**WATER BEARING ZONES** Depth water was first found 120

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
08-02-2007	120	140	90		75
08-04-2007	190	220	150		75

**(11) WELL LOG** Ground Elevation

Material	From	To
SANDY TOP SOIL	0	6
GREY SANDSTONE	6	36
BROWN SANDSTONE	36	72
GREY SANDSTONE	72	84
BROWN CLAYSTONE	84	132
GREY BASALT	132	220

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FEB 25 2008

WATER RESOURCES DEPT  
SALEM, OREGON

Date Started 08-02-2007 Completed 08-04-2007

**(unbonded) Water Well Constructor Certification**  
I certify that the work I performed on the construction, deepening, alteration or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.  
License Number 1880 Date 08-07-2007  
Electronically Filed  
Signed JAMES H WILLIAMS (E-filed)

**(bonded) Water Well Constructor Certification**  
I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.  
License Number 584 Date 08-07-2007  
Electronically Filed  
Signed DARRELL MAPHET (E-filed)  
Contact info (optional)

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