

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

HARNEY 51886

10/25/2012

WELL I.D. LABEL# L

109951

START CARD #

1017766

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.

First Name STEVE Last Name HELMS

Company

Address 2874 MILLERSBURG DRIVE NE

City ALBANY State OR Zip 97321

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Conversion

[ ] Alteration (complete 2a & 10) [ ] Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia + From To Gauge Stl Plstc Wld Thrd

Casing: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Material From To Amt sacks/lbs

Seal: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud

[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE

[ ] Domestic [X] Irrigation [ ] Community

[ ] Industrial/ Commercial [ ] Livestock [ ] Dewatering

[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 169.00 ft.

BORE HOLE

SEAL

Table with columns: Dia, From, To, Material, From, To, Amt, Sacks/lbs. Row 1: 16, 0, 42, Bentonite Chips, 0, 42, 30, S. Row 2: 12, 42, 200, , , , , .

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E

[X] Other BENT CHIPS POURED

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: [ ] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Row 1: [X], [ ], 12, 2, 118, .250, [X], [ ], [X], [ ].

Shoe [ ] Inside [X] Outside [ ] Other Location of shoe(s) 176

Temp casing [ ] Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type V Wrapped Material Stainless Steel

Table with columns: Perf/Screen, Casing/Liner, Dia, From, To, Sern/slot width, Slot length, # of slots, Tele/pipe size. Row 1: Screen, Liner, 10, 118.5, 148.5, .03, , , 10.

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

[ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

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

Table with 4 columns: Yield, Drawdown, Depth, Duration. Row 1: 300, , 153, 5.

Temperature 56 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below) TDS amount

Table with columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 27.00 S N/S Range 34.00 E E/W WM

Sec 7 NE 1/4 of the NE 1/4 Tax Lot 1200

Tax Map Number Lot

Lat " or DMS or DD

Long " or DMS or DD

[X] Street address of well [ ] Nearest address

60110 ANDERSON VALLEY RD., PRINCETON, OR

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Table with 4 columns: Date, SWL(psi), + SWL(ft). Row 1: Existing Well / Pre-Alteration, , , . Row 2: Completed Well, 9/26/2012, , 34.

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 27.00

SWL Date From To Est Flow SWL(psi) + SWL(ft)

Table with 6 columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Row 1: 9/19/2012, 27, 28, 20, , 27. Row 2: 9/26/2012, 95, 200, 400, , 34.

(11) WELL LOG

Ground Elevation

Table with 3 columns: Material, From, To. Row 1: brown sandy top soil, 0, 2. Row 2: brown sandy clay, 2, 10. Row 3: brown clay, 10, 24. Row 4: grey clay, 24, 27. Row 5: crack, 27, 28. Row 6: grey sandy clay, 28, 95. Row 7: conglomerate of gravel, sand, sandstone &, 95, 200.

RECEIVED BY OWRD

JAN 10 2013

SALEM, OR

Date Started 9/18/2012 Complete 9/26/2012

(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 Date

Signed

(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 1899 Date 10/15/2012

Signed SAM P KINGREY (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

**(1) LAND OWNER** Owner Well I.D. \_\_\_\_\_  
 First Name STEVE Last Name HELMS  
 Company \_\_\_\_\_  
 Address 2874 MILLERSBURG DRIVE NE  
 City ALBANY State OR Zip 97321

**(2) TYPE OF WORK**  New Well  Deepening  Conversion  
 Alteration (complete 2a & 10)  Abandonment (complete 5a)

**(2a) PRE-ALTERATION**  
 Dia + From To Gauge Stl Plstc Wld Thrld  
 Casing: 

Material	From	To	Amt	sacks/lbs

  
 Seal: 

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**(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 169.00 ft.  
**BORE HOLE** SEAL sacks/lbs  

Dia	From	To	Material	From	To	Amt	lbs
16	0	42	Bentonite Chips	0	42	30	S
12	42	200					

How was seal placed: Method  A  B  C  D  E  
 Other BENT CHIPS POURED  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

**(5a) ABANDONMENT USING UNHYDRATED BENTONITE**  
 Proposed Amount \_\_\_\_\_ Actual Amount \_\_\_\_\_

**(6) CASING/LINER**  

Casing	Liner	Dia	+ From	To	Gauge	Stl	Plstc	Wld	Thrld
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12	2	118	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	12	168	176	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	10	108.5	118.5	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	10	148.5	157.5	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

  
 Shoe  Inside  Outside  Other Location of shoe(s) 176  
 Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**  
 Perforations Method \_\_\_\_\_  
 Screens Type V Wrapped Material Stainless Steel  

Perf/ Screen	Casing/ Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	10	118.5	148.5	.03			10
Screen	Liner	10	157.5	167.5	.03			10

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
300		153	5

  
 Temperature 56 °F Lab analysis  Yes By \_\_\_\_\_  
 Water quality concerns?  Yes (describe below) TDS amount  

From	To	Description	Amount	Units

**(9) LOCATION OF WELL (legal description)**  
 County HARNEY Twp 27.00 S N/S Range 34.00 E E/W WM  
 Sec 7 NE 1/4 of the NE 1/4 Tax Lot 1200  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
60110 ANDERSON VALLEY RD., PRINCETON, OR

**(10) STATIC WATER LEVEL**  

Existing Well / Pre-Alteration	Date	SWL(psi)	+ SWL(ft)
Completed Well	9/26/2012		34

  
 Flowing Artesian?  Dry Hole?   
 WATER BEARING ZONES Depth water was first found 27.00  

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
9/19/2012	27	28	20		27
9/26/2012	95	200	400		34

**(11) WELL LOG** Ground Elevation \_\_\_\_\_  

Material	From	To
brown sandy top soil	0	2
brown sandy clay	2	10
brown clay	10	24
grey clay	24	27
crack	27	28
grey sandy clay	28	95
conglomerate of gravel,sand, sandstone &	95	200

Date Started 9/18/2012 Complete 9/26/2012  
**(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 \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_

**(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 1899 Date 10/15/2012  
 Signed SAM P KINGREY (E-filed)  
 Contact Info (optional) \_\_\_\_\_