

Amended
DESC 57475
DESC 57475
 01/11/07

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

WELL LABEL # L 82816
 START CARD # 186487

(1) LAND OWNER Owner Well I.D. 19860 RockingHorse Rd
 First Name _____ Last Name _____
 Company Avion Water Company
 Address 60813 Parrell Rd
 City Bend State OR Zip 97702

(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 450 ft.

BORE HOLE			SEAL			sacks/	
Dia	From	To	Material	From	To	Amt	lbs
16	0	455	Cement	0	45	45	S
			Cement	315	327	6	S

How was seal placed: Method A B C D E
 Other _____

Backfill placed from 327 ft. to 330 ft. Material Bentonite Chips
 Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12		0	430	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) 450

Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method Factory
 Screens Type _____ Material _____

Perf/	Casing/	Screen	Scrni/slot	Slot	# of	Tele/		
Screen	Liner	Dia	From	To	width	length	slots	pipe size
Perf	Liner	12	430	450	.188	3	960	

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

<input type="radio"/> Pump	<input type="radio"/> Bailer	<input checked="" type="radio"/> Air	<input type="radio"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
200		440	1

Temperature 57 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below)
 From _____ To _____ Description _____

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(9) LOCATION OF WELL (legal description)
 County DESCHUTE Twp 18 S N/S Range 12 E E/W WM
 Sec 19 SW 1/4 of the NE 1/4 Tax Lot 201
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address

19860 Rocking Horse Rd, Bend, OR 97702

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL(psi)	+ SWL(ft)
Completed Well	<u>06-06-2006</u>		<u>386</u>

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>06-30-2006</u>	<u>360</u>	<u>440</u>	<u>200</u>		<u>386</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
Soil	0	6
Black basalt - vesicular	6	20
Red cinders - vesicular	20	45
Black basalt - vesicular	45	190
Brown sandstone - soft	190	260
Black and red basalt - vesicular w/ gravel	260	275
Red basalt - vesicular and hard cinders	275	320
Red vesicular cinders	320	340
Black vesicular basalt	340	455

Date Started 05-17-2006 Completed 06-07-2006

(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 1702 Date 1-11-07
 Password: (if filing electronically) _____
 Signed [Signature]

(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 1523 Date 1-11-07
 Password: (if filing electronically) _____
 Signed [Signature]
 Contact Info (optional) Boart Longear Company / Geo-Tech Explorations

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WATER SUPPLY WELL REPORT -
continuation page

WELL I.D. # L 82816

START CARD # 186487

(5) BORE HOLE CONSTRUCTION

BORE HOLE			Material	SEAL		Amt	sacks/ lbs
Dia	From	To		From	To		

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/ pipe size

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

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

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

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

(11) WELL LOG

Material	From	To

Comments/Remarks

Backfill-
 - Bentonite chips 327 - 330 (3 sacks)
 - concrete backfill placed from 45 - 315 feet (3 yards)

Air Test:
 - could not maintain consistent discharge rate in order to accurately test.
 - estimate flow at approximately 200 gpm



DESC 57475
Boart Longyear Company
Geo-Tech Explorations Division
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Tualatin, OR 97062
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(503) 692-6400 Fax (503) 692-4759
www.geotechinc.com / www.boartlongyear.com

BOART LONGYEAR

January 11, 2007

Oregon Water Resources Department
North Mall Building
725 Summer St. NE, Suite A
Salem, OR 97301-1271

Re: Amendments to DESC 57475

The Attached well report has been amended to make corrections in regards to the boring diameter, filter pack and backfill material. The boring diameter was 16" and not 15". No filter pack was installed. And the backfill material and intervals have been changed in accordance with the work performed.

Thanks,

Keith Vidos
Contract Drilling Services
Boart Longyear Company
Geo-Tech Division-Tualatin,OR
ISO 14001 Certified
800 275 3885 Office
503 692 4759 Fax
Offices: AL,AZ,IN,GA,MA,MN,OH,OR,UT,VA,WA,WI

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SALEM, OREGON