DESC 58007

DESC 58007

05-17-2007

AMENDED

STATE OF OREGON

WATER SUPPLY WELL REPORT

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

Pag	le	1	of	4

WELL LABEL # L 84181 START CARD # 191737

(1) LAND OWNER Owner Well I.D. L84181	(9) LOCATION OF WELL (legal description)
First Name Last Name	County Deschutes Twp 17.00 S N/S Range 12.00 E E/W WM
Company AVION WATER CO.	Sec 14 NE 1/4 of the SE 1/4 Tax Lot 805
Address 60813 PARREL RD	Tax Map Number Lot
City BEND State OR Zip 97702	Lat °0 ' "or DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 ' " or DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	63365 HAMEHOOK RD
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening
Industrial/ Commercial Livestock Dewatering	Completed Well 05-10-2007 694
Thermal Injection Other	Flowing Artesian? Dry Hole?
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	WATER BEARING ZONES Depth water was first found
Depth of Completed Well 854.00 ft.	SWL Date From To Est Flow SWL(psi) + SWL(ft)
BORE HOLE SEAL sacks/	05-07-2007 791 798 200 694
Dia From To Material From To Amt Ibs	05-07-2007 807 813 200 694
24 0 19 Cement 0 19 30 S	05-07-2007 822 828 200 694
20 19 620 Cement 19 31 10 S 20 620 645 Cement 620 645 20 S	
20 645 854 Centent 620 643 20 S	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
Other	See Attached 0 854
Backfill placed from 31 ft. to 620 ft. Material Concrete	
Filter pack from ft. to ft. Material Size	
Explosives used: Yes Type Amount	
(6) CASING/LINED	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
	State of the Control
● 16 0 19 .375 0 0 ■ 16 2.5 854 .375 0 0	
	RECEIVED
Shoe Inside Outside Other Location of shoe(s) 854	STEOLIVED
Temp casing Yes Dia From To	1111 1 0 0007
(7) PERFORATIONS/SCREENS	JUN 1 8 2007
Perforations Method Factory Milled	WATER RECOURSES
Screens Type Material	WATER RESOURCES DEPT
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ Screen Liner Dia From To width length slots pipe size	Date Started 03-05-200FGON Completed 05-11-2007
Perf Casing 16 754 834 125 3 5,120	(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.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1530 Date 05-17-2007
● Pump	Electronically Filed Signed STEVEN VIBBARD (E-filed)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 1,500 20.5 820 1.5	
1,300 20.3 820 1.3	(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
Temperature 56 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1523 Date 05-17-2007
	Electronically Filed
	Signed ROBERT STADELI (E-filed)
	Contact Info (optional)

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WELL I.D. # L 84181

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B	ORE HO	LE	NSTRUCTION	SEAL			sacks/	(10) STATI						
Dia	From	To	Material	From	То	Amt	lhs	1	aring Zones					
			5					SWL Date	From	То	Est Flow	SWL(psi)	+	SWL(ft)
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-1887				-		-								
									-		-		H	
						-		-						
	EII TEI	RPACK											口	
F	rom		terial Size								-		H	
-		_		3.00 mm				14						
								(11) WELL	LOG					
(6) CA	SING/	LINER						130 13	Material			From		To
Casin	g Liner	Dia +	From To	Gauge St	Plstc	Wld	Thrd							
Q	Q				0							-		
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			SCREENS								0		_	
Perf/ C Screen L	Casing/ Sc			rn/slot Slo			Tele/	l 					-	
Screen L	iner L	oia Fro	om To w	ridth leng	in si	ots pi	pe size							
										_	-	-	-	
										5. 6.000 mm			_	_
									RECE	VED				
												-	-	-
-					-	_			JUN 18	2007				
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				027 0 0200		100		-	SALEM, OF	1EGUN				
(8) WE	ELLTE		nimum testing		our									
Yield a	gal/min_	Drawdow	vn Drill stem/P	ump depth	Dura	ation (h	C)	Comments	Remarks					
-			-				-	42.000.00.00.00.00.00.00.00.00						
								1						
-		_					1							
Wet	er Oueli	ty Concer	ne	-			-1							
From			Description	,	Mount	Unit	S		nd and gravel	installed on	steel ring on	16" casing u	sed t	o land
								lower seal.						
-							_							
-							2							

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WELL I.D. # L 84181

START CARD # 191737

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Map of well



Boart Longyear Company. 19700 SW Teton Tualatin, OR 97062 Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Avion Production Well

Start Card #: 191737 Label #: L84181

Material Description		From:	To:
Basalt Hard Gray	31	0'	21'
Cinders Red		21'	24'
Basalt Gray Med Hard		24'	31'
Cinders Red		31'	44'
Basalt Gray Hard		44'	81'
Cinders Red	1	81'	86'
Basalt Gray Med Hard Vesicular		86'	99'
Cinders Red		99'	105'
Basalt Gray & Brown Med Hard Vesicular		105'	115'
Basalt Gray Red & Brown Soft Vesicular		115'	126'
Basalt Gray & Brown Med Hard		126'	131'
Ne Return		131'	136'
Basalt Gray Broken		136'	144'
Conglomerate		144'	160'
Basalt Gray Med Hard with some Brown Clay Binder		160'	163'
Conglomerate		163'	167'
No Return		167'	173'
Conglomerate Med Hard		173'	186'
Basalt Gray Med Hard		186'	196'
Basalt Brown Med Hard		196'	215'
Basalt Gray & Red Soft Vesic		215'	224'
Basalt Gray Hard		224'	235'
Basalt Gray Broken Vesic		235'	243'
Basalt Gray Hard	- 02	243'	250'
Brown Conglomerate Med Hard		250'	265'
No Return 8 Yards Cement		265'	281'
Basalt Red & Gray Vesicular	,	281'	285'
Conglomerate Brown		285'	298'
Basalt Red & Gray Vesicular Med Hard		298'	305'
Conglomerate Brown		305'	309'
Basalt Gray Hard		309'	318'
Lava Red		318'	323'
Basalt Gray Hard		323'	355'
Lava Cyinders Red Soft		355'	360'
Basalt Gray Med Hard Some Fractures	(3	360'	365'
Basalt Gray Hard		365'	386'
Lava Rock Red & Gray Badly Broken		386'	395'
Basalt Gray Med Hard	DEARIUM	395'	400'
Basalt Gray & Red Hard	RECEIVED	400'	405'
Basalt Gray & Red Badly Broken		405'	409'
_ava Rock Red Vesicular Pour Return	JUN 18 2007	409'	415'
	JOIN TO SUUT	415'	421'
Basalt Gray Hard	TEP PERCUS	421'	446'
Basalt Gray Med Hard WA	ATER RESOURCES DEPT	446'	470'
No Return Pour Cement	SALEM, OREGON	470'	480'
Basait Gray Med Hard	ENERGY	14/0	1400

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START CARD # 191737

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Map of well



Boart Longyear Company. 19700 SW Teton Tualatin, OR 97062

Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Avion Production Well (page 2)

Start Card #: 191737 Label #: L84181

Material Description	From:	To:
Basalt Gray & Red Soft	480'	485'
Cynders Red	485'	506'
Basalt Dark Brown Med Hard Vesicular	506'	530'
Basalt Gray Hard Little Return	530'	535'
Basalt Brown Med Hard Little Return	535'	542'
Basalt Brown Soft	542'	546'
Basalt Brown & Gray Hard Little Return	546'	571'
Basalt Brown Soft Broken Vesicular	571'	585'
Basalt Brown Med Hard Vesicular	585'	605'
Basalt Gray Soft Vesicular	605'	624'
Basalt Gray Med Hard Vesicular	624'	638'
Basalt Gray Med Hard Fractured	638'	643'
Basalt Brown Broken	643'	650'
Basalt Brown Med Hard	650'	654'
Basalt Brown Broken	654'	665'
Basalt Brown Broken with Yellowish Clay Binder	665'	671'
Lava Gray & Red Broken Vesicular	671'	683'
Lava Gray & Red Med Hard Vesicular	683'	705'
Basalt Gray Hard	705'	715'
Lava Red & Gray Vesicular with Broken Streaks	715'	751'
Basalt Gray Med Hard with Broken Streaks Red & Gray	751'	784'
Basalt Gray Hard	784'	791'
Basalt Red & Gray Broken	791'	796'
Basalt Red & Gray Med Hard Vesicular	796'	798'
Basalt Gray Hard	798'	807'
Basalt Gray Broken	807'	813'
Basalt Gray Hard	813'	818'
Basalt Gray Med Hard	818'	822'
Basalt Gray Broken	822'	828'
Basalt Gray Hard	828'	850'
Basalt Gray Broken	850'	854- 8
RECEIVED		
JUN 18 2007		
WATER RESOURCES DEPT		
SALEM, OREGON		