STATE OF OREGON

WASH 76834

WELL I.D. LABEL# L	L112728	
START CARD#	1031489	
ORIGINAL LOG#		

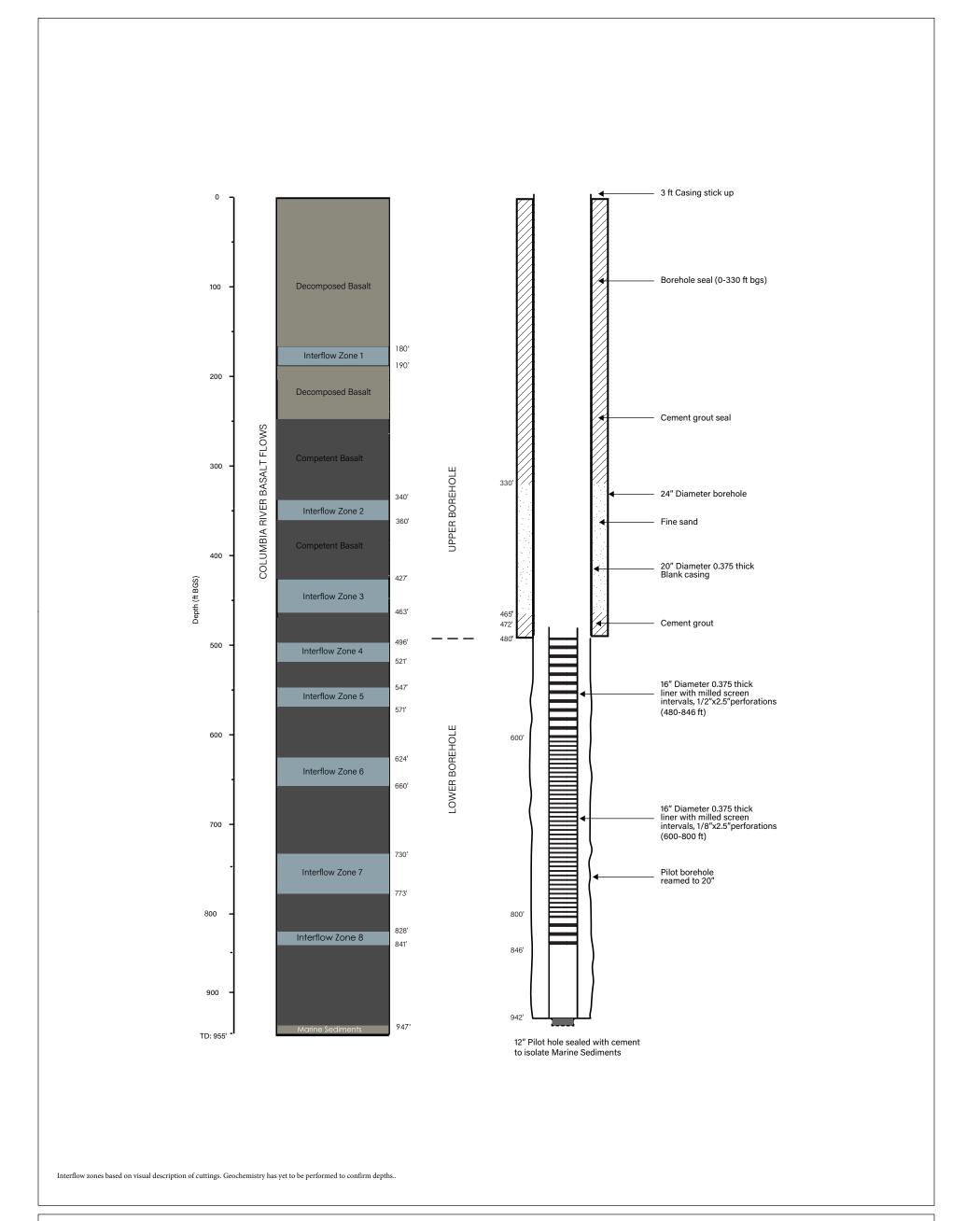
WATER SUPPLY WELL REPORT	START CARD# 1	031489
(as required by ORS 537.765 & OAR 690-205-0210)	ORIGINAL LOG #	
(1) LAND OWNER Owner Well I.D. ASR-5		
First Name Last Name	(a) I OCATION OF WELL (1)	
Company City of Beaverton	(9) LOCATION OF WELL (legal desc	cription)
DO Doy 4755	County Washigton Twp 1 South N/S	Range 1 West E/W WN
Address PO Box 4733 City Beaverton State OR Zip 97076	Sec <u>21</u> <u>SE</u> <u>1/4 of the SW</u> <u>1/4</u>	Tax Lot 200
City Beaverton State OR Zip 97076 2) TYPE OF WORK X New Well Deepening Conversion	Tax Map Number Lat o ' ' or Long o ' or Street address of well Neares	Lot
2) TYPE OF WORK X New Well Deepening Conversion	Lat ° ' "or	DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a)	Long "or	DMS or DD
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plste Wld Thrd	(X) Street address of well (Neares	at address
Casing:	(A) buser address of well (1) todaes	, address
Material From To Amt sacks/lbs	13520 SW Hanson Rd, Beaverton OR 9	97008
Seal:	· · · · · · · · · · · · · · · · · · ·	
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
Rotary Air Rotary Mud Cable Auger Cable Mud	Date	SWL(psi) + SWL(ft)
X Reverse Rotary Other	Existing Well / Pre-Alteration	
	Completed Well 1/23/2017	185'
(4) PROPOSED USE Domestic Irrigation X Community	Flowing Artesian?	Dry Hole?
Industrial/ Commercial Livestock Dewatering	WATER BEARING ZONES Depth water	was first found 180'
Thermal Injection Other		ow SWL(psi) + SWL(ft)
		ow SwE(psi) · SwE(it)
(5) BORE HOLE CONSTRUCTION Special Standard X (Attach copy	12/20/2016 See Attached 1,500	185'
Depth of Completed Well 942 ft.		
BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs 24" 0 480 Cement 0 330 380 sacks	ı	
o coment o see such		
Calculated 289.67 sacks	1	
Calculated	(11) WELL LOG Ground Flavation	
	Ground Elevation _	
	Material See Attached	From To
Other Backfill placed from 330 ft. to 480 ft. Material sand/cement	Pilot borehole was abandoned from tota	,1
	depth of 955 to 942 with 10 bags of nea	
Filter pack from ft. to ft. Material Size	cement grout	
Explosives used: Yes Type Amount	Cement grout	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		
Proposed Amount Pounds Actual Amount Pounds		
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
		+ + -
Shoe Inside Outside Other Location of shoe(s)		
Temp casing X Yes Dia 24" From 0 To 140'		
7) PERFORATIONS/SCREENS Perforations Method Machine and Mills Knife		
	9/1/2016	3/9/2017
Screens Type Material Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started 8/1/2016 Complete	ted_3/9/2017
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certificati	
Perf Liner 16" 600 800 1/8" 3" 12,800	I certify that the work I performed on the constr	
Perf Liner 16" 480 846 1/2" 2-1/2" 3,008	abandonment of this well is in compliance w	
	construction standards. Materials used and inform	
	the best of my knowledge and belief.	
	License Number 1523 Date	8/16/2018
8) WELL TESTS: Minimum testing time is 1 hour	24-ti	
(X) Pump Bailer Air Flowing Artesian	Signed	
	(bonded) Water Well Constructor Certification	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 1,400 136' 406' 100 hours	` '	
1,100 10010	I accept responsibility for the construction, deeper	
	work performed on this well during the construction performed during this time is in compliance we	
57 Owner	construction standards. This report is true to the be	
Temperature 57 °F Lab analysis X Yes By Owner	•	-
Water quality concerns? Yes (describe below) TDS amount 358 mg/l From To Description Amount Units		8/17/2018
110m 10 Description Amount Onts	Signed All 16	
	Contact Info (optional)	
	Contact Into (optional)	

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City of Beaverton ASR-5 Formation Log

From	То	Detailed Description
0	2	Gravel Fill
2	8	Brown silt and gravels
8	35	Reddish brown clay/silt soft
35	49	Light brown clay occasional gravels
49	85	Light brown clay/silt
85	125	Highly weathered soft basalt with clay
125	148	Soft basalt some clay and silt
148	155	Broken basalt chunky
155	220	Basalt sticky silt bound
220	305	Basalt med less silt
305	390	Basalt hard, areas of broken rust colored and vesicular
390	398	Basalt broken and fractured
398	427	Basalt med hard
427	461	Basalt med some broken, staining and vesicular
461	464	Basalt med reddish stained
464	496	Basalt very hard black/white speckled chunks
496	516	Basalt soft broken, decayed vesicular
516	547	Basalt med tight grained
547	553	Basalt dark brown decayed with clay
553	568	Basalt weathered broken vesicular soft
568	571	Basalt med
571	590	Basalt hard blue
590	613	Basalt hard blue
613	615	Basalt fractured light grey
615	624	Basalt hard
624	627	Basalt brown med weathered
627	650	Basalt decayed brown/white/black
650	652	Basalt black med
652	660	Basalt weathered brown/red
660	705	Basalt med hard
705	730	Basalt med hard more chunky and fractured
730	773	Basalt broken and chunky blue staining and red clay like pieces
773	802	Basalt hard
802	824	Basalt medium
824	828	Basalt broken med
828	841	Basalt broken/vesicular with clay
841	911	Basalt med large chunks
911	935	Basalt med large chunks 1" to 2" pieces
935	947	Basalt hard
947	955	Basalt hard multicolored clay



ASR 5 As-Built

City of Beaverton ASR Program



WASH 76834



Special Standards

Request Form

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date	of request: _	10.07.16	Oral appro	val date (if a	pplicable):	10.0	5.16
Bono	ded Well Cons	tructor (nan	ie, license #, an	d mailing ad	ldress):	Richard Mill	er 1953
			10621 Todd Rd E,	Edgewood WA	98372		
(1)	Location of	Well: SE	1/4sw	_ 1/4 Tax lo	t <u>200</u>	_ Section	21
	Township	1 S	, Range	1 w	, <u>W</u>	ashington	County
	Address at w	vell site:		13520 S	W Hanson Rd		
(2)	Start Card N	umber(s)(fo	r work to be do	ne):	1	031489	
(3)	Name and A	ddress of La	and Owner:	·	City of Bea	verton	
			PO Box 475	55, Beaverton OF	R 97076		
(4)	Distance to t	he nearest so	eptic tank, drain	field, closed	sewage line	(if water sup	ply well)
(5)	The unusual	site conditio	ons which neces	sitate this req	uest: Rig wi	ll be off the hole	from 10.03.16
(6)	The proposed adequate for	d construction this well: (a	on methods that ttach additional	the bonded w	vell construction	ctor believes	will be
			Well will be termpo	orarily sealed wit	h temp casing.		
		······································				RECEIV	FD

JUN 2 2 2018

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(7)	Diagram showing the pertinent features of the proposed well design and construction:
	(attach additional pages if needed)

PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: ____

11 IN 9 9 2018

Revised 7/26/2006

Special Standards Request Form /2

ENF