STATE OF OREGON WATER SUPPLY WELL REPORT

Rotary Air Rotary Mud Cable

☐ Community

1022' Bent. Chips

Method

ft to

ft. to

22'

Method

Type

Injection

(5) BORE HOLE CONSTRUCTION:

Explosives used Yes No Type

Other pour dry and hydrate

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

✓ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

Industrial

Livestock

SEAL

0

ft.

ft.

From

Special Construction approval Tyes V No Depth of Completed Well 1022 [t

 \square A

To Gauge Steel

0.375 \mathbf{Z}

State OR

Well Number COT-3T

Irrigation

Other_test_well

16 sacks

 \Box c

Size of gravel

Weld ed

 \mathbf{Z}

Material

Plastic

ō

Material

Sacks or pounds

Threaded

Auger

Τo

22'

ПВ

Zip 97223

(as required by ORS 537.765)

(I) OWNER:

City Tigard

□ Domestic

Thermal

Diameter

13"

Name City of Tigard

Address 131 SW Hall Blvd

(2) TYPE OF WORK

(3) DRILL METHOD:

(4) PROPOSED USE:

HOLE

0

How was seal placed:

Backfill placed from

(6) CASING/LINER: Diameter

Final location of shoe(s)

Perforations

Temperature of water

Depth of strata:

Was a water analysis done?

Screens

(7) PERFORATIONS/SCREENS:

Gravel placed from

Casing.8"

Liner

From

♂Other reverse circulation

691621		-					
	(WELL I.D	.)# L <u>67</u> 8	158			_	
	(START CARD) # 164710						
(9) LOCATION OF V	WELL by les	al descr	int	ion:			
County Washingto					gitude		
Township 2		Range 1			_w		WM.
Section 8		1/4_S			1/4		
Tax Lot 101 L Street Address of Well	ot				bdivision_		
approximately 100	ft S. of Woo	dhue St	sata Ti	gard. O	13001	5 (.	
(10) STATIC WATER		4		34.4, 0		_	
251' ft. beld		e .		ľ	Date 06-08	-04	
Artesian pressure	lb.	per square	e inc	ch. [Date		
(II) WATER BEARI	NG ZONES:	•					
Depth at which water was	first found 34	40'			_	_	
From	To	, —	Estimated Flow Rate SWL			SWL	
"SEE ATTACHMENT				Lymnaca (1041 rate			55
						_	
			_				
(12) WELL LOG: Ground	Elevation		_	_			
Materia			Т	From	To		SWL
	SEE ATTACHMENT *			110111		_	
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CAT	~ / 200 1-		4		n co o	4) วก
	04 2004		1		DEC 2	_	J 20
WATER RE	30U-	_FT	+	MAT	ED DES	711	2000
SALEN	A OREGON		-	WAI	ER RES	퓽	REGO
			+			_	
			+				

Slot Tele/pipe To From size Number Diameter Line (8) WELL TESTS: Minimum testing time is 1 hour Flowing Bailer Artesian Pump ☐ Air Drill stem at Time Yield gal/min Drawdown 1 hr.

Yes By whom

Did any strata contain water not suitable for intended use?

Salty Muddy Odor Colored Other

(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

(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

Date started 5-25-04

WWC Number 152 Date

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR

Depth Artesian Flow Found

THIRD COPY-CUSTOMER

Completed 6-15-04

WASH 61621



Geo-Tech Explorations
A Division of Boart Longyear
19700 SW Teton Ave
Tualatin, OR 97062
503-692-6400
503-692-4759 (fax)

Start Card: <u>164710</u> Well Label: <u>L67858</u>

Boring #: ASR COT-3T

Water Bearing Zones:

Depth at which water was first found 340

From	rom To Estimated flow Rate		SWL		
340	350	20 gpm	251		
351	375	55 gpm	251		
503	523	30 gpm	251		
559	576	30 gpm	251		
605	681	30 gpm	251		
681	695	150 gpm	251		

Soil Profile Continued from Log:

Material		To	SWL	
brown topsoil	0	8'		7
weathered basalt	8'	60'		DECENTED
basalt (med) - gray	60'	158'		RECEIVED
Vesicular basalt - brown, red & gray	158'	167'		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
basalt (med) - gray	167'	200'		DEC 2 0 2006
basalt (soft) - brown & gray	200'	218'	<u> </u>	ATER RECOURAGE DED-
basalt (med) - brown & gray	218'	238'		SALEM, OREGON
basalt (med) - gray	238'	271'	1	
basalt (slightly vesicular) - gray to brown	271'	276'		
basalt (fractured) - brown to gray	276'	301'		7
basalt (med) - gray	301'	340'		
Vesicular basalt - brown to gray	340'	351'	251	
basalt (med) - gray	351'	384'	251	7
Vesicular basalt - brown to gray	384'	398'	251	
basalt (med) - gray	398'	450'	251	
Vesicular basalt - gray to brown	450'	471'	251	
basalt (med) - gray	471'	503'	251	
Vesicular basalt - brown to gray w/ streaks of blue green claystone	503	523	251	
Basalt - gray w/ some some brown	523	559	251	
Basalt (vesicular) - brown to gray RECEIVED	559	576	251	

OCT 04 2004

WATER RESOUR . . . _PT SALEM. OREGON

WWASH @1621

Basalt (med) - gray	576	605	251
Basalt (some fracturing) – gray	605	681	251
Basalt (vesicular / soft) - gray	681	695	251
Basalt (fractured / med) - gray	695	820	251
Basalt (med) - light gray	820	850	251
Basalt (vesicular) - light gray to dark gray w/ blue	850	877	251
Basalt (slightly fractured) - gray	877	915	251
Basalt (hard) - gray some brown	915	917	251
Basalt (hard) – gray	917	923	251
Basalt (hard) – light gray	923	928	251
Basalt (fractured) – w/ gray claystone in seams	928	932	251
Basalt (slightly vesicular) - dark gray to gray w/ blue steaks	932	934	251
Clay (soft) - brown to gray	934	935	251
Basalt (vesicular) - gray	935	937	251
Clay gray w/ basalt chunks	937	951	251
Basalt (med) - light gray	951	957	251
Basalt (fractured) - light gray to dark gray	957	960	251
Basalt (med / hard, slightly fractured) - gray	960	988	251
Basalt (hard) - light gray	988	999	251
Basalt - green w/ green clay	999	1020	251
Brown Clay	1020	1022	251

RECEIVED

DEC 2 0 2006

WATER RESOURCES DEPT SALEM, OREGON

RECEIVED

OCT 04 2004

WATER RESOUR . . . _PT SALEM, OREGON

WASH 61621

Geo-Tech Explorations A Division of Boart Longyear Company

19700 SW Teton Ave Tualatin, OR 97062-8807

Telephone: 503-692-6400 • Fax: 503-692-4759

Website: www.geotechinc.com

www.boartlongyear.com



BOART LONGYEAR

December 18, 2006

Tracy Eichenlaub Oregon Water Resources Dept. North Mall Office Building 725 Summer St. NE, Suite A Salem, OR 97301-1271

Re. Test Well Seal / WASH 61621

Tracy,

We employed a seal trap at the bottom of the casing to hold the seal in place while it hydrated. Seal traps are commonly used to hold seals in place while they set or hydrate. Because there was no place to record this on the well log in use at that time it was not included.

Sincerely,

Robert Stadeli Boart Longyear Co. Geo-Tech Division Office: (503)-692-6400

Fax: (503)-692-4759

E-mail: rstadeli@boartlongyear.com

WATER RESOURCES DEPT SALEM, OREGON