STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) **DESC 61056**

WELL I.D. LABEI START CARD **ORIGINAL LOG**

		rage 1 01 3
L# L	127062	
) #	1035666	
; #		

(as required by ORS 537.765 & OAR 690-205-0210)	11/20/	2017	ORIGINAL LO	G#				
(1) LAND OWNER Owner Well I.D.					·			
First Name JOHN Last Name LIETZ	_ '	(9) LOCATION OF WELL (legal description)						
Company TARTAN DRUIML LLC Address 250 NW FRANKLIN AVE SUITE 403		County DESCHUTES Twp 18.00 S N/S Range 11.00 E E/W WM						
City BEND State OR Zip 97703	_	Sec 2 SE 1/4 of the SE 1/4 Tax Lot 1900						
(2) TYPE OF WORK New Well Deepening Conversi	ion	Tax Map Number	" or 44.038: " or -121.36		Lot			
Alteration (complete 2a & 10) Abandonment(comp	olete 5a)	Lat°	'" or 44.0383	38889		DMS or DD		
(2a) PRE-ALTERATION		Long°	et address of well	Noorost o	ddraes	DMS or DD		
Dia + From To Gauge Stl Plstc Wld Thrd Casing:			CH RD AND CARTWR					
Material From To Amt sacks/lbs				10111 110	.101 ()			
Seal:	†	(4.0) GELLERY						
(3) DRILL METHOD		(10) STATIC	WATER LEVEL	Date Sy	WL(psi) +	SWL(ft)		
X Rotary Air Rotary Mud Cable Auger Cable Mud		Existing Wei	l / Pre-Alteration	Dute 5	WL(psi)	SWL(II)		
Reverse Rotary Other		Completed Well 8/29/2017 362						
(4) PROPOSED USE Domestic Irrigation Community			Flowing Artesian?	Dr	y Hole?			
Industrial/ Commercial Livestock Dewatering	ľ	WATER BEARIN	IG ZONES Dep	th water wa	s first found 3	390.00		
Thermal Injection Other		SWL Date	From To	Est Flow	SWL(psi)	+ SWL(ft)		
(5) BORE HOLE CONSTRUCTION Special Standard (Atta	ach copy)	8/25/2017	390 603	200		362		
Depth of Completed Well 603.00 ft.								
BORE HOLE SEAL Dia From To Material From To Amt	sacks/							
12 0 228 Bentonite Chips 0 130 77								
8 228 603 Calculated 68								
		(11) WELL L	OG Ground Ele	vation 38	01.00			
How was seal placed: Method A B XC D			Material	vation 30	From	To		
XOther POURED DRY		SAND PUMICE			0	16		
Backfill placed from ft. to ft. Material		PUMICE SAND			16	120		
Filter pack from ft. to ft. Material Size		BASALT BROK SOLID	EN CINDERS CAVING	120 165	165 205			
Explosives used: Yes Type Amount		CONGLOMERATE BROWN				223		
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		BASALT			205 223	390		
Proposed Amount Actual Amount		BASALT VESIC			390	405		
(6) CASING/LINER			ONGLOMERATE EN FRACTURED		405 509	509 545		
Casing Liner Dia + From To Gauge Stl Plstc Wlo			TE SANDSTONE BRO	WN	545	603		
	+ -							
	$\dagger \Box \Box$							
	Ш							
Shoe Inside Outside Other Location of shoe(s)								
Temp casing Yes Dia From + To								
(7) PERFORATIONS/SCREENS Perforations Method MACHINE								
Screens Type Material	-	Date Started8/	16/2017	omplete	8/29/2017			
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/							
Screen LinerDiaFromTowidthlengthslotspiPerfLiner6563603.1253456	ipe size	` /	ter Well Constructor C work I performed on t			g alteration or		
1 CH EHRT 0 303 003 .123 3 430			this well is in comp					
			dards. Materials used a	nd informat	ion reported a	bove are true to		
		•	nowledge and belief.	Dete				
		License Number	758	Date g	0/6/2017			
(8) WELL TESTS: Minimum testing time is 1 hour	oion	Signed THOM	AAS R PECK (E-filed)					
Pump Bailer Air Flowing Artes Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(honded) Water	Well Constructor Cert	ification					
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 200 600 1.5	` ′	bility for the construction		ng alteration	or abandonment			
	work performed	on this well during the co	nstruction o	dates reported	above. All work			
	performed durin	g this time is in comp	oliance with	o Oregon wat	er supply well			
Temperature 54 °F Lab analysis Yes By		dards. This report is true			age and belief.			
	ppm nits	License Number	1720	Date 11/	20/2017			
To Description Timount Co		Signed JACK	ABBAS (E-filed)					
			ional)					

WATER SUPPLY WELL REPORT - continuation page

DESC 61056

WELL I.D. LABEL# L 127062

START CARD # 1035666

ORIGINAL LOG #

continuation page	11/20/20	17	ORIGINAL LO	OG #			
(2a) PRE-ALTERATION	Wat	ter Quality C	Concerns				
Dia + From To Gauge Stl Plstc Wld Thrd	Fror		Descrip	otion	Amou	ınt	Units
Material From To Amt sacks/lbs							
	$ \overline{(10)}$	STATIC W	ATER LEVEL				
(5) BORE HOLE CONSTRUCTION			rom To	Est Flow	SWL(psi)	+	SWL(ft)
BORE HOLE SEAL Dia From To Material From To (sacks/						
Dia From 10 Material From To A	Amt lbs					ιЦ	
Calculated	\longrightarrow					ı⊢	
Calculated							
Calculated						щ	
Calculated	+ $+$ $+$ $+$					ı⊢	
Calculated						Ш	
FILTER PACK From To Material Size	(11)	WELL LO	G				
10		N	Iaterial		From		To
(6) CASING/LINER						-	
Casing Liner Dia + From To Gauge Stl Plstc V	Vld Thrd					=	
Casing Lines Dia + 110m 10 Gauge Su Fisic V	via Tilia						
	-					_	
						-	
	\bot \bot \bot					\dashv	
8 8 -	+ $+$ $+$ $+$						
						\dashv	
						-	
7) PERFORATIONS/SCREENS							
	. T.1 /					\dashv	
Perf/ Casing/ Screen Screen Liner Dia From To width length slo							
						_	
						\dashv	
	-					-	
					•		
	Con	nments/Rer	narks				
			GROUT 0 FEET - 115	FEFT			
(8) WELL TESTS: Minimum testing time is 1 hour	4 Y A	ARDS SAND (GROUT 40 FEET - 13	6 FEET			
Yield gal/min Drawdown Drill stem/Pump depth Duration			GROUT 66 FEET - 15				
	18 YA	ARDS SAND (GROUT 85 EET - 210	FEET			

DESC 61056

11/20/2017

Map of Hole

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL Well Label: 127062

Latitude: 44.03838889 Datum: WGS84
Longitude: -121.36561111 Printed: September 6, 2017

Township/Range/Section/Quarter-Quarter Section:

WM 6S 2W 34 NWNW Address of Well:

SKYLINE RANCH RD AND CARTWRIGHT TRACT W

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

