STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) WASH 79091

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

		ragerori	
L	136929		
	1049023		

Industrial Commercial   Livestock   Dewatering   Dewatering   Thermal   Injection   Other   SWL(fts)   SWL(f	(as required by ORS 537.765 & OAR 690-205-0210)	10/5/2	2020	ORIGINAL LOG	#			
Pict Name					•			
Company	First Name Last Name		(9) LOCAT	ION OF WELL (lega	l description)	)		
Companies   Comp								
20 TYPE OF WORK	Address 4901 SE WITCH HAZEL RD  City HILLSBORO State OR 7in 97123							
Consing:	(2) TVPE OF WORK New Well Deepening	Conversion	Tax Map Number	er	Lot			
Consing:	Alteration (complete 2a & 10) Abandonme	nt(complete 5a)	Lat	or 45.41849	311	DMS or DD		
SAGE SENDED	(2a) PRE-ALTERATION		Long	or <u>-122.919</u>	56141	DMS or DD		
Material   Trom   To   Anni sucks/Be		ird				3		
(10) STATIC WATER LEVEL		_	25405 5 11 501	IOLES I ERRY RD INCESI	JORO, OR 7/123	,		
Reverse Rotary	Seal:	ľ						
Reverse Rotary			(10) STATIO		ate CVII (mai)	_ CW/I (64)		
Completed Well   Johnstraid Commental   Livestock   Dewatering   Dew		1ud	Existing We		ate SWL(psi)	)   SWE(II)		
Industrial Commercial   Livestock   Dewatering   Thermal   Injection   Other   Section   Other   Section   Other   Section   Other				Well 9/24/202				
Thermal		unity		Flowing Artesian?	Dry Hole?			
(5) BORE HOLE CONSTRUCTION   Depth of Completed Well 190.00   ft.			WATER BEARING ZONES Depth water was first found					
Depth of Completed Well 190.00	ThermalInjectionOther		SWL Date	From To	Est Flow SWL(p	osi) + SWL(ft)		
BORE HOLE   Dia   From   To   Material   From   To   Amt   this	(5) BORE HOLE CONSTRUCTION Special Standard	(Attach copy)	9/23/2020	158 190	72	32		
Dia   From   To   Material   From   To   Ant   Ibs   Ill	-							
10								
Calculated   3.65   S								
Calculated   33.38	6 153 190 Calculate							
How was seal placed:   Method   A   B   X   C   D   E   X   Solution   From   To	Cement 10 153	43 S	(11) WELL I	LOG C 1FI	· ·			
Some   Continue   Co		36.36	()	Glouila Eleva		То		
Filter pack from	X Other POURED INTO ANNULA	, me	BROWN CLAY					
Filter pack from	Backfill placed from ft. to ft. Material				6	18		
SoFT GRAY SILTY CLAY   63	Filter pack from ft. to ft. Material S	ize						
(5a) ABANDONMENT USING UNHYDRATED BENTONITE Proposed Amount    Actual Amount	Explosives used: Yes Type Amount							
SOFT RED BROWN DECOMP BASALT   91   96   134   SOFT GRAY BROWN DECOMP BASALT   96   134   SOFT GRAY BROWN BASALT   134   144   158   SOFT GRAY BROWN BASALT   134   144   158   SOFT GRAY BROWN BASALT   134   144   158   SOFT GRAY BROWN BASALT   158   166   SOFT GRAY BROWN BASALT   172   190   SOFT GRAY BR	(5a) ABANDONMENT USING UNHYDRATED BENTO	ONITE						
Casing Liner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Std Plstc Wid Thrd Gaing Siner Dia + From To Gauge Sine Perforations Method DRILLED    Performations Method DRILLED   Screens Type								
Casing Liner Dia + From To Gauge St Piste Wid Thrd  O 6 X 1.5 153 2.50 O 4.5 130 190 200 O X 1 Short Throw To Gauge St Piste Wid Thrd  First GRAY BROWN BASALT 144 158 BROKEN GRAY BROWN BASALT 158 166 SOFT GRAY BROWN BASALT 158 SOFT GRAY BROWN BASALT 172 190  Temp casing Yes Dia From + To  To  To  To width length slots pipe size Perf Casing Screen Screen Scra/slot Slot # of Tele/Screen Liner Dia From To width length slots pipe size Perf Liner 4.5 150 190 3.75 0.38 80 4.5  Perf Liner 4.5 150 190 3.75 0.38 80 4.5  WELL TESTS: Minimum testing time is 1 hour Yield gal/min Drawdown Drill stein/Pump depth Duration (hr)  To Go 60 60 1 1 Throw To Gauge St Piste Wid Thrd Holl Throw To Width Length slots pipe size to the best of my knowledge and belief.  Water quality concerns?	(6) CASING/LINER	_						
BROKEN GRAY BROWN BASALT   158   166   172	Casing Liner Dia + From To Gauge Stl P							
Shec Inside Outside Other Location of shoe(s)  Temp casing Yes Dia From + To    To	6 X 1.5 153 .250 O	성취 무 [						
Shoe Inside Outside Other Location of shoe(s) Temp casing Yes Dia From + To  (7) PERFORATIONS/SCREENS Perforations Method DRILLED  Screens Type Screen Scree	4.5	AA HI						
Temp casing Yes Dia From + To    To		$\forall$ H $H$ I	SOFT GRAY B	ROWN BASALT	173	2 190		
Temp casing Yes Dia From + To    To								
(7) PERFORATIONS/SCREENS Perforations Method DRILLED  Screens Type  Material Perf Casing/ Screen Screen Liner Dia From To width length slots pipe size Perf Liner 4.5 150 190 .375 0.38 80 4.5    Perf Liner 4.5 150 190 .375 0.38 80 4.5	Shoe Inside Outside Other Location of shoe(s	s)						
Perforations Method DRILLED  Screen Stype	Temp casing Yes Dia From + To							
Screen   S	(7) PERFORATIONS/SCREENS							
Perf Casing/ Screen Screen Liner Dia From To width length slots pipe size Perf Liner 4.5 150 190 .375 0.38 80 4.5  Perf Liner 4.5 150 190 .375 0.38 80 4.5			D . C 16	, 45, 2000 G	1 . 1 0/04/0			
Screen Liner Dia From To width length slots pipe size Perf Liner 4.5 150 190 .375 0.38 80 4.5    Perf Liner   4.5   150   190   .375   0.38   80   4.5		# of Tele/	Date Starteds	0/17/2020 Co	mpleted <u>9/24/2</u>	2020		
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.    Vield gal/min   Drawdown   Drill stem/Pump depth   Duration (hr)	Screen Liner Dia From To width length							
(8) WELL TESTS: Minimum testing time is 1 hour  Pump Bailer Air Flowing Artesian  Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)  60 60 1 72 165 1 72 165 1 72 190  Temperature 61 °F Lab analysis Yes By Water quality concerns? From To Description Water Quality concerns? From To Description  Amount Units  Construction standards. Materials used and information reported above are true to the best of my knowledge and belief.  License Number 1266 Date 9/29/2020  Signed ROY JANNSEN (E-filed)  (bonded) Water Well Constructor Certification I accept responsibility for 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 2023 Date 10/5/2020  Signed MICHAEL APPLEBEE (E-filed)	Perf         Liner         4.5         150         190         .375         0.38	80 4.5	I certify that th	e work I performed on the	construction, de	epening, alteration, or		
(8) WELL TESTS: Minimum testing time is 1 hour  Pump Bailer Air Flowing Artesian  Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)  60 60 1 72 165 1 Temperature 61 °F Lab analysis Yes By Water quality concerns? Water quality concerns? From To Description  Amount Units  License Number 1266  Date 9/29/2020  Signed ROY JANNSEN (E-filed)  (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 2023 Date 10/5/2020  Signed MICHAEL APPLEBEE (E-filed)								
(8) WELL TESTS: Minimum testing time is 1 hour  Pump Bailer Air Flowing Artesian  Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)  60 60 1 72 165 1 Temperature 61 °F Lab analysis Yes By Water quality concerns? From To Description  Yes (describe below) TDS amount 154 Ppm Amount Units Signed ROY JANNSEN (E-filed)  (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 2023 Date 10/5/2020  Signed MICHAEL APPLEBEE (E-filed)				-	•			
Pump Bailer Air Flowing Artesian  Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)  60 60 1  72 165 1  Temperature 61 °F Lab analysis Yes By  Water quality concerns? From To Description Amount Units  From To Description Amount Units  Signed ROY JANNSEN (E-filed)  (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 2023 Date 10/5/2020  Signed MICHAEL APPLEBEE (E-filed)			License Numbe	r 1266	Date 9/29/202	0		
Pump   Bailer   Air   Flowing Artesian   Yield gal/min   Drawdown   Drill stem/Pump depth   Duration (hr)	(8) WELL TESTS: Minimum testing time is 1 hour	,	Signed BOX	LANNICEN (F.C. 1)				
Temperature 61 °F Lab analysis Yes By  Water quality concerns? From To Description Amount Units  To Description From To Description In In International In International Internation Internation International Internation International Internation Internation International Internation International Internation Internation Internation Internation Internation Internation International Internation Internation Internation Internation International Internation In		ROT WINTIBER (E med)						
Temperature 61 °F Lab analysis Yes By Water quality concerns? From To Description Amount Units  Temperature 61								
Temperature 61 °F Lab analysis Yes By								
Temperature 61 °F Lab analysis Yes By construction standards. This report is true to the best of my knowledge and belief.  Water quality concerns? From To Yes (describe below) TDS amount 154 ppm Amount Units    Yes By   Construction standards. This report is true to the best of my knowledge and belief.  License Number 2023 Date 10/5/2020  Signed MICHAEL APPLEBEE (E-filed)				performed during this time is in compliance with Oregon water supply well				
Water quality concerns? Test (describe below) TDS amount 154 ppm								
From To Description Amount Units Signed MICHAEL APPLEBEE (E-filed)		54 <u>ppm</u>	License Number	r 2023	Date 10/5/2020			
internal to the second	From To Description Amo	Signed MICHAEL ADDI EREE (E filed)						
Contact into (optional) ALPTINE RESOURCES LLC 303-041-2909			- 1,1101		TESTIC 502 64	7-2969		
				monar) ALI INE KESOUK				