amended 2/13/2018 & 2/16/2018

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

UMAT 58015

2/1/2018

WELL I.D. LABEL# L	127781
START CARD #	1037456
ORIGINAL LOG #	

(1) LAND OWNER

Owner Well I.D. ____

First Name ____ Last Name ____

Company VADATA

Address ~~2001 8TH AVE~~ 410 Terry Ave N

City SEATTLE State WA Zip 98109

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Conversion
[ ] Alteration (complete 2a & 10) [ ] Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud
[ ] Reverse Rotary [ ] Other ____

(4) PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Community
[ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other ____

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 325.00 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/lbs
12	0	18	Bentonite Chips	0	18	15	S
10	18	87			Calculated	4.2	
8	87	487	Cement	18	179	108	S
					Calculated	3213.78	

How was seal placed: Method [ ] A [X] B [X] C [ ] D [ ] E
[X] Other BENTONITE POURED

Backfill placed from 330 ft. to 487 ft. Material BENTONITE

Filter pack from ____ ft. to ____ ft. Material ____ Size ____

Explosives used: [ ] Yes Type ____ Amount ____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount ____ Actual Amount ____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
(•)	( )	8	[X]	1	87	.250	(•)	( )	[X]	[ ]
(•)	( )	6	[X]	1	180	.250	(•)	( )	[X]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]

Shoe [X] Inside [ ] Outside [ ] Other Location of shoe(s) ____

Temp casing [ ] Yes Dia ____ From + [ ] ____ To ____

(7) PERFORATIONS/SCREENS

Perforations Method ____

Screens Type ____ Material ____

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

( ) Pump ( ) Bailer (•) Air ( ) Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
50		280	1

Temperature 58 °F Lab analysis [ ] Yes By ____

Water quality concerns? [ ] Yes (describe below) TDS amount 250 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County UMATILLA Twp 4.00 N N/S Range 28.00 E E/W WM

Sec 30 NW 1/4 of the NW 1/4 Tax Lot 1100

Tax Map Number ____ Lot ____

Lat ____° ____' ____" or ____ DMS or DD

Long ____° ____' ____" or ____ DMS or DD

(•) Street address of well ( ) Nearest address

28803 NW LIVESTOCK ROAD, HERMISTON, OREGON

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration			[ ]	
Completed Well	1/30/2018		[ ]	46.5

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 10.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
1/3/2018	33	78	25		[ ]	33
1/17/2018	115	121	45		[ ]	43
1/30/2018	275	292	50		[ ]	46.5
					[ ]	
					[ ]	

(11) WELL LOG

Ground Elevation ____

Material	From	To
silt	0	3
boulders	3	10
gravels and boulders	10	78
med black basalt	78	115
red cinders	115	121
tan clay	121	134
soft brown basalt/tan clay/ caleache	134	147
black basalt/brown basalt	147	150
black/brown basalt/ hard blue clay	150	163
black basalt	163	267
soft black basalt	267	270
gray clay/soft black basalt	270	275
soft black basalt / hard blue clay	275	292
med black basalt	292	314
hard gray basalt	314	333
black basalt/seems of blue clay	333	373
black basalt	373	439
black basalt/ seems of blue clay	439	456
red cinders	456	461

Date Started 1/3/2018 Completed 1/30/2018

(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.

License Number ____ Date ____

Signed ____

(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 1766 Date 2/1/2018

Signed BRANDON C BROWN (E-filed)

Contact Info (optional) brandon@waterwelldeveloping.com

WATER SUPPLY WELL REPORT - continuation page

UMAT 58015

2/1/2018

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START CARD # 1037456
ORIGINAL LOG #

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE

Dia	From	To

SEAL

Material	From	To	Amt	sacks/lbs
		Calculated		
		Calculated		
		Calculated		
		Calculated		

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
med black basalt	461	487

Comments/Remarks