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

HARN 52779

4/5/2019

WELL I.D. LABEL# L 62877
START CARD # 1042223
ORIGINAL LOG # WASHINGTON 52476

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company ROARING SPRINGS RANCH
Address 985 NW 2ND ST
City KALAMA State WA Zip 98625

(2) TYPE OF WORK

☐ New Well ☒ Deepening ☐ Conversion ☐ Alteration (complete 2a & 10) ☐ Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:	6	☒	1	99	.250	◉	○	☒	☐

	Material	From	To	Amt	sacks/lbs
Seal:	Bentonite Chips	0	18	14	Sacks

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Community
☐ Industrial/ Commericial ☒ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)
Depth of Completed Well 385.00 ft.

BORE HOLE

Dia	From	To
10	0	18
6	18	385

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite Chips	0	18	14	S
		Calculated	8.55	
		Calculated		

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POURED AND TAMPED
Backfill placed from 0 ft. to 18 ft. Material BENTONITE CHIPS
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
◉	○	6	☒	1	99	.250	◉	○	☒	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temp casing ☐ Yes Dia From + ☐ To

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

Perf/ Screen	Casing/ Screen Liner	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)
11.5		380	2

Temperature 68 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) TDS amount 78 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 29.00 S N/S Range 33.00 E E/W WM
Sec 29 NE 1/4 of the NE 1/4 Tax Lot 502
Tax Map Number Lot
Lat ° ' " or 43.02747000 DMS or DD
Long ° ' " or -118.66442000 DMS or DD
○ Street address of well ◉ Nearest address
NORTH DIAMOND LANE

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration	3/21/2019		☐	18
Completed Well	4/5/2019		☐	13

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 97.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
3/5/2016	97	150	10		☐	18
4/3/2019	373	378	12		☐	13
					☐	
					☐	
					☐	

(11) WELL LOG

Ground Elevation

Material	From	To
YELLOW CLAY	0	27
BROWN CLAYSTONE	27	53
BROWN CLAYSTONE/BLACK CINDER	53	59
GREEN SHALEY CLAYSTONE	59	68
WHITE & TAN PUMICE	68	74
BROWN CLAYSTONE	74	83
YELLOW SHALE	83	91
DARK BROWN CLAY	91	97
BROKEN BLACK BASALT	97	150
YELLOW CLAYSTONE	150	163
RED CINDER	163	172
GREEN CLAY	172	178
BLACK BASALT	178	282
BROWN BASALT	282	308
LIGHT GREEN CLAY	308	345
BROKEN BLACK BASALT/GREEN CLAYSTONE	345	357
BLACK BASALT	357	364
GREEN SHALEY CLAYSTONE	364	373
RED CINDER	373	378

Date Started 3/21/2019 Completed 4/5/2019

(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 773 Date 4/5/2019

Signed JOHN OETTER (E-filed)
Contact Info (optional) 775-625-0287

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

WATER SUPPLY WELL REPORT - continuation page

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4/5/2019

WELL I.D. LABEL# L 62877

START CARD # 1042223

ORIGINAL LOG # WASHINGTON 52476

(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
LIGHT GREEN CLAYSTONE	378	385

Comments/Remarks