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

COLU 55669

11/18/2020

WELL I.D. LABEL# L 139401
START CARD # 1049818
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.
First Name DARREN Last Name HELLER
Company
Address 33285 WILKSTROM RD
City SCAPPOOSE State OR Zip 97056

(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:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(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 265.00 ft.

BORE HOLE

Dia	From	To
10	0	112
6	112	265

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite	0	10	6	S
		Calculated	4.56	
Cement	10	112	47	S
		Calculated	27.38	

How was seal placed: Method ☐ A ☒ B ☐ C ☐ D ☐ E
☒ Other POURED & PRODDED
Backfill placed from ft. to ft. Material
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	☐	0	112	.250	●	○	☒	☐
○	●	4.5	☐	5	265	200	○	●	☒	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐

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

(7) PERFORATIONS/SCREENS

Perforations Method DRILLED
Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner	4.5	225	265	.5	0.5	70	4.5

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

○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
14		265	1

Temperature 59 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) TDS amount 234 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County COLUMBIA Twp 3.00 N N/S Range 2.00 W E/W WM
Sec 14 SW 1/4 of the NE 1/4 Tax Lot 1900
Tax Map Number Lot
Lat ° ' " or 45.74423126 DMS or DD
Long ° ' " or -122.89638673 DMS or DD
◉ Street address of well ○ Nearest address
HEINDL WAY SCAPPOOSE, OR 97056

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration			☐	
Completed Well	11/16/2020		☐	118

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
11/16/2020	112	265	14		☐	118
					☐	
					☐	
					☐	
					☐	

(11) WELL LOG

Ground Elevation

Material	From	To
OVER BURDEN	0	8
RED STICKY CLAY	8	41
BROWN CLAYSTONE	41	94
GRAY CLAYSTONE	94	265

Date Started 11/9/2020 Completed 11/16/2020

(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 2017 Date 11/17/2020

Signed CODI REED (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 11/17/2020

Signed MICHAEL APPLEBEE (E-filed)

Contact Info (optional) ALPINE RESOURCES LLC 503-647-2969