

STATE OF OREGON
WATER SUPPLY WELL REPORT

UMAT 59639

WELL I.D. LABEL# L

156549

START CARD #

1083165

ORIGINAL LOG #

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210)

8/14/2026

(1) LAND OWNER

Owner Well I.D. _____

First Name MATHEWLast Name MERCHACA

Company _____

Address 660 NE NORTH STCity HERMISTONState ORZip 97838**(2) TYPE OF WORK**☒ New Well ☐ Deepening ☐ Conversion☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)**(2a) PRE-ALTERATION**

Casing:

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
					☐	☐	☐	☐

Seal:

Material	From	To	Amt	sacks/lbs

(3) DRILL METHOD
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Reverse Rotary ☐ Other _____
(4) PROPOSED USE☒ Domestic ☐ Irrigation ☐ Community☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering☐ Thermal ☐ Injection ☐ Other _____**(5) BORE HOLE CONSTRUCTION**Special Standard ☐ (Attach copy)Depth of Completed Well 178.00 ft.

BORE HOLE				SEAL				sacks/
Dia	From	To	Material	From	To	Amt	lbs	
12	0	18	Bentonite Chips	0	18	16	S	
8	18	178			Calculated	10.21		
					Calculated			

Seal placement method: ☐ A ☐ B ☐ C ☐ D ☐ E ☒ Other: POURED BENTONITE

Backfill placed from _____ ft. to _____ ft. Material _____

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

Explosives used: ☐ Type _____ Amount _____Seal Placement Begin Date 8/7/2026 Begin Time 13 00**(5a) ABANDONMENT USING UNHYDRATED BENTONITE**

Proposed Amount

Actual Amount

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Location
C	8	☒	2	178	0.250	ST	☒		IN.	178

Temp casing ☐ Yes Dia _____ From + _____ To _____**(7) PERFORATIONS/SCREENS**Perforations Method HOLTE PERFORATOR

Screens Type _____ Material _____

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/ Pipe size
		8	160	178	.375	1	400	

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)
Air	60		178	1

Temperature 64 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount 269 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 WMSec 22 NE 1/4 of the NE 1/4 Tax Lot 1600

Tax Map Number _____ Lot _____

Lat _____ ° _____ ' _____ " or 45.81713040 DMS or DDLong _____ ° _____ ' _____ " or -119.29052973 DMS or DD☒ Street address of well ☐ Nearest address2020 S FIRST ST HERMISTON OR 97838**(10) STATIC WATER LEVEL**

	Date	SWL (psi)	+	SWL (ft)
Existing Well / Pre-Alteration				
Completed Well	<u>8/13/2026</u>			<u>29</u>
Flowing Artesian?	☐			
Dry Hole?	☐			

WATER BEARING ZONES

Depth water was first found 29.00

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

8/13/2026	29	178	60		29

(11) WELL LOGGround Elevation 614.26 FT

Material	From	To
SANDY GRAVEL	0	16
CEMENTED GRAVEL	16	32
BROWN CLAY / GRAVEL	32	96
GRAVEL / TAN CLAYSTONE	96	112
GRAY CLAY / GRAVEL	112	143
GRAVEL / TAN CLAYSTONE	143	152
BLACK SANDSTONE / BLUE CLAYSTONE	152	159
GRAVEL / BROWN CLAY	159	168
BLACK BROWN SCORIA / TAN CLAYSTONE	168	178

Construction

Begin Date 8/7/2026 Begin Time 07 13 End Date 8/13/2026**(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 2061 Date 8/14/2026Signed KEYANO WALKER (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 1735 Date 8/14/2026Signed CHAD COURTNEY (E-filed)Drilling Company: COURTNEY WELL DRILLING

ORIGINAL - WATER RESOURCES DEPARTMENT

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

New exempt use wells must be submitted with a map and recording fee.

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WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

UMAT 59639

8/14/2026

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

Latitude: 45.81713040 Datum: WGS84

Longitude: -119.29052973

Township/Range/Section/Quarter-Quarter Section:

WM4.00N28.00E22NENE

Address of Well:

2020 S FIRST ST HERMISTON OR 97838

Well Label: 156549

Printed: August 14, 2026

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

