

STATE OF OREGON
WATER SUPPLY WELL REPORT

MALH 54846

WELL I.D. LABEL# L

115874

START CARD #

1078947

ORIGINAL LOG #

MALHEUR 54784

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

10/14/2025

(1) LAND OWNER

Owner Well I.D. _____

First Name _____ Last Name _____

Company JC WATSON COMPANY

Address PO BOX 300

City PARMA State ID _____ Zip 83660

(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
 16 ☒ 2 95 0.375 ☒ ☐ ☒ ☐

Material From To Amt sacks/lbs
 Seal: Bentonite Chips 0 21 5000 Pounds

(3) DRILL METHOD☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud☒ 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 560.00 ft.

BORE HOLE			SEAL			sacks/
Dia	From	To	Material	From	To	lbs
24	0	100	Cement	0	10	53 S
17.75	100	265	Calculated		39	
14.75	265	720	Bentonite Chips	10	57	14400 P
			Calculated		2902	

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

Backfill placed from 565 ft. to 720 ft. Material BENTONITE CHIPS

Filter pack from 57 ft. to 565 ft. Material COLO SAND Size 8/16 & 1

Explosives used: ☐ Type _____ Amount _____

Seal Placement Begin Date 9/27/2025 Begin Time 10 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____

Actual Amount _____

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location
C	10	☒	2	57	0.365	ST	☒			
C	10		67	129	0.365	ST	☒			
C	10		149	205	0.365	ST	☒			
C	10		240	248	0.365	ST	☒			
C	6		258	410	0.250	ST	☒			

Temp casing ☐ Yes Dia _____ From + ☐ 0 To _____**(7) PERFORATIONS/SCREENS**

Perforations Method _____

Screens Type Roscoe Moss Material Stainless Steel

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ Pipe size
Screen	Casing	10	57	67	.03			Pipe Size
Screen	Casing	10	129	149	.03			Pipe Size
Screen	Casing	10	205	240	.03			Pipe Size
Screen	Casing	10	248	258	.03			Pipe Size
Screen	Casing	6	410	440	.03			Pipe Size

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)
Flowing Artesian	30	0	0	1

Temperature 80 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount 489 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County MALHEUR Twp 20.00 S N/S Range 46.00 E E/W WM

Sec 14 NE 1/4 of the NE 1/4 Tax Lot 100

Tax Map Number _____ Lot _____

Lat _____ ' " or 43.83786919 DMS or DD

Long _____ ' " or -117.05972535 DMS or DD

☒ Street address of well ☐ Nearest address

0.2 MILES WEST OF GRAND AVE. AND FAIRVIEW DR. NYSSA, OR 97913

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well / Pre-Alteration	6/10/2024			23
Completed Well	10/13/2025	12.5	☒	28.9

Flowing Artesian? ☒ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 23.00

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

(11) WELL LOG

Ground Elevation 2280.26 FT

Material	From	To
Top Soil	0	8
Caliche	8	11
Gravel	11	19
Brown Clay	19	21
Medium Brown Sand	21	24
Brown Clay	24	26
Gravel	26	37
Med Brown Sand	37	43
Cemented Gravel	43	51
Brown Clay	51	57
Cobble Stones	57	63
Brown Clay	63	84
Blue Clay	84	129
Fine Black Sand	129	130
Blue Clay	130	132
Blue Shale	132	134
Fine Black Sand	134	136
Blue Clay	136	137
Fine Black Sand	137	149

Construction

Begin Date 7/12/2025 Begin Time 13 48 End Date 10/11/2025

(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 1505 Date 10/14/2025

Signed TERRY DAUGHERTY (E-filed)

Drilling Company: Riverside Inc.

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.

**WATER SUPPLY WELL REPORT -
continuation page**

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MALHEUR

54784

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL				sacks/ lbs
Dia	From	To	Material	From	To	Amt		
			Bentonite Chips	565	720	12000	P	
				Calculated		13625		
				Calculated				
				Calculated				
				Calculated				

FILTER PACK			
From	To	Material	Size

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location
C	6		440	460	0.250	ST	✗			

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scm/slot width	Slot length	# of slots	Tele/ Pipe size
Screen	Casing	6	460	560	.03			Pipe Size

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

Type of Test	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
Blue Clay	149	157
Blue Shale	157	159
Blue Clay	159	168
Blue Shale	168	170
Blue Clay	170	184
Fine Black Sand	184	185
Blue Clay	185	206
Fine Black Sand	206	210
Blue Clay	210	219
Sandstone w/ Fine Black Sand	219	223
Blue Clay	223	227
Sandstone w/ Fine Black Sand	227	228
Blue Clay	228	234
Sandstone w/ Fine Black Sand	234	237
Blue Clay	237	252
Fine Black Sand	252	255
Blue Clay	255	396
Blue Shale	396	398
Blue Clay	398	531
Blue Shale	531	533
Blue Clay	533	720

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name

Type

#

Comments/Remarks

Pulled 16" Casing