

STATE OF OREGON
WATER SUPPLY WELL REPORT

UMAT 58993

WELL I.D. LABEL# L

144371

START CARD #

1058559

ORIGINAL LOG #

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

12/3/2022

(1) LAND OWNER

Owner Well I.D.

First Name Last Name

Company CALPINE

Address 78910 SIMPLOT RD HERMISTON, OR 9783

City HERMISTON State OR Zip 97838

(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/ Commercial [] Livestock [] Dewatering

[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [] (Attach copy)

Depth of Completed Well 730.00 ft.

BORE HOLE

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Rows include Bentonite and Cement.

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

[X] Other BENTONITE POURED

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

Table with columns: Casing Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Rows show casing specifications.

Shoe [] Inside [X] Outside [] Other Location of shoe(s) 231

Temp casing [] Yes Dia From + To

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type Material

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

Table with columns: Perf/ Casing/ Screen, 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 [X] Air [] Flowing Artesian

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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row shows 90, 720, 1.

Temperature 56 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below) TDS amount 207 ppm

From To Description Amount Units

Table with columns: 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 28 SE 1/4 of the SE 1/4 Tax Lot 600

Tax Map Number Lot

Lat " or 45.79354500 DMS or DD

Long " or -119.31429700 DMS or DD

[X] Street address of well [] Nearest address

78910 SIMPLOT RD
HERMISTON, OR 97838

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Pre-Alteration, Completed Well, Date, SWL(psi), SWL(ft). Row shows 11/3/2022, 375.

Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES

Depth water was first found 310.00

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

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Rows show data for 10/17/2022 and 11/3/2022.

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Rows list geological layers like gravel/fill, sand, coarse sand, etc.

Date Started 10/10/2022 Completed 11/3/2022

(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.

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.

License Number 1766 Date 11/10/2022

Signed BRANDON BROWN (E-filed)

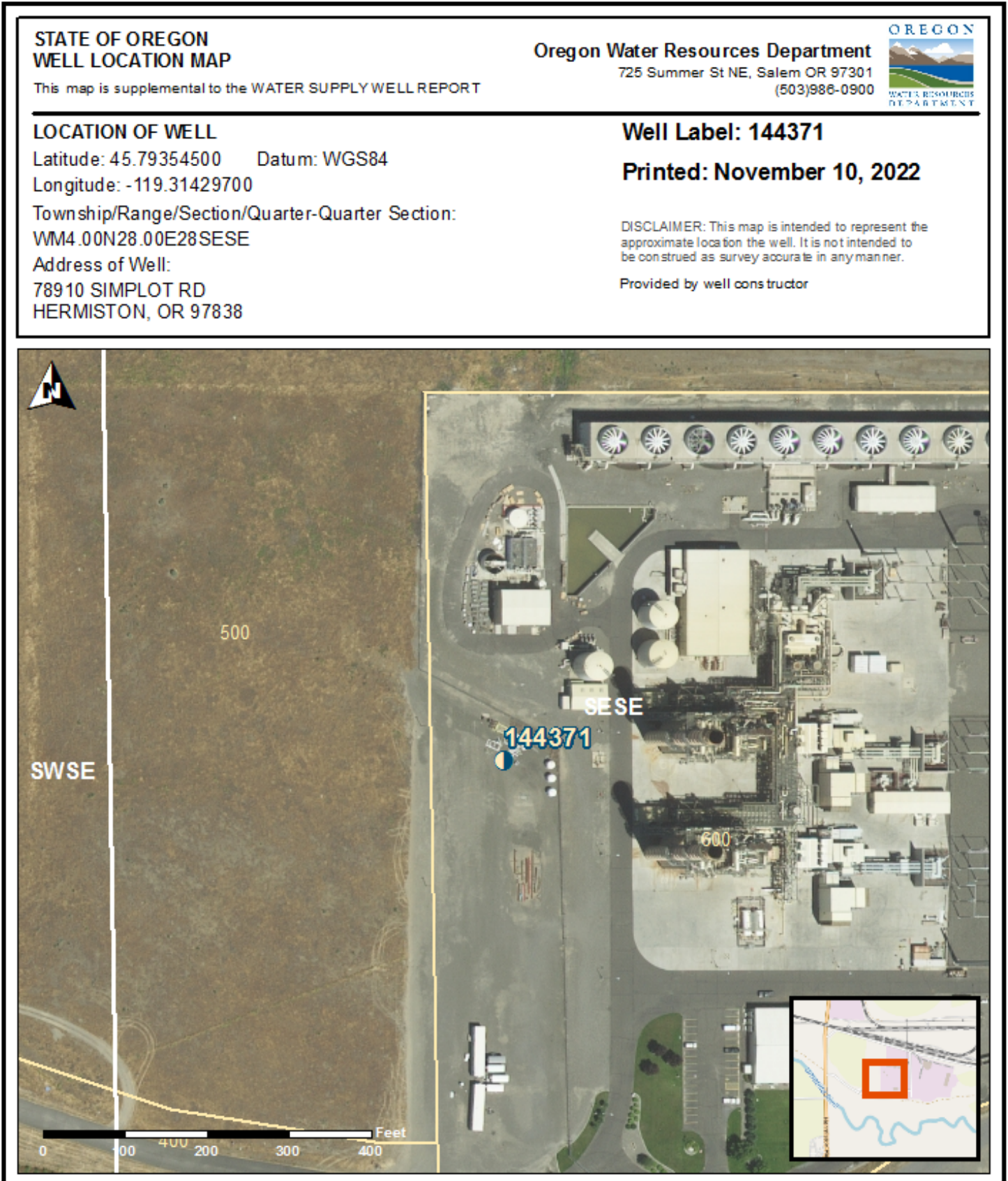
Contact Info (optional) brandon@waterwelldeveloping.com

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

UMAT 58993

12/3/2022

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: 45.79354500 Datum: WGS84

Longitude: -119.31429700

Township/Range/Section/Quarter-Quarter Section:

WM4.00N28.00E28SESE

Address of Well:

78910 SIMPLOT RD

HERMISTON, OR 97838

Well Label: 144371

Printed: November 10, 2022

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