

STATE OF OREGON WATER SUPPLY WELL REPORT

Arrow 20-05

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

WELL I.D. LABEL# L 133799 START CARD # 1046421 ORIGINAL LOG #

(1) LAND OWNER:

Owner Well I.D. First Name: Matthew Last Name: Roloff Company Address: 23985 NW Grossen Dr. City: Hillsboro State: OR Zip: 97124

(2) TYPE OF WORK: [X] New Well [] Deepening [] Conversion [] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION Casing: Dia + From To Gauge Stil Plstc Wld Thrld 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: [] Domestic [X] Irrigation [] Community [] Industrial/Commercial [] Livestock [] Dewatering [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Standard [] (attach copy)

Table with columns: Dia, From, To, Material, SEAL (From, To, Amt), sacks/lbs. Rows include bent chip, cement w/, 2% bent, etc.

How was seal placed: Method [] A [] B [X] C [] D [] E [X] Other bent chips poured & probed hydrated Backfill placed from ft. to ft. Material Filter pack placed from ft. to ft. Material Size Explosives Used [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER:

Table with columns: Casing Liner, Dia, +, From, To, Gauge, Stil Plstc, Wld, Thrld. Includes checkboxes for material types.

Shoe [] Inside [X] Outside [] Other Location of Shoe(s): 384' Temp casing [X] Yes Dia: 12" From: 0 To: 122'

(7) PERFORATIONS/SCREENS:

Table with columns: Perf/Screen, Casing/Liner, Screen Dia, From, To, Sern/slot width, Slot length, #of slots, Tele/pipe size. Includes checkboxes for perforations and screens.

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

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gpm, Drawdown, Drill Stem/pump depth, Duration (hr). Rows show test results at 530 and 384 feet.

Table for water quality concerns: Temperature of water 54.0 F, Lab analysis [] Yes [] No, Water quality concerns? [] Yes (describe below) TDS amount 98 ppm. Columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL by legal description:

County: Wash Twp: 1N Range: 2W Sec: 03 NW 1/4 of the SW 1/4 Tax Lot: 3300 Tax Map Number 1N 2 3 Block: Subdivision: Lat Long DMS or DD

[X] Street Address of Well [] Nearest Address 23985 NW Grossen Dr. Hillsboro, Oregon 97124

(10) STATIC WATER LEVEL:

Table with columns: Description, Date, SWL(psi), SWL(ft). Row: static for 3 days, 3/21/20, 128'6"

Flowing Artesian? [] Dry Hole? [] WATER BEARING ZONES: Depth at which water was first found 121'

Table with columns: SWL Date, From, To, Est. Flow, SWL(psi), SWL(ft). Rows show water bearing zones at various depths.

(12) WELL LOG:

Table with columns: Material, From, To, SWL. Lists well log materials from gravel fill to basalt gray hrd occ slight frac.

Date Started: 2-25-20 Completed: 3-18-20

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, 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 2020

Signed (bonded) Water Well Constructor Certification: OWRD

I accept responsibility for the construction, 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 1483 Date 3-23-20

Signed

Contact Info (optional) ARROW DRILLING 503-538-4422

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

(1) LAND OWNER:

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(2) TYPE OF WORK: [X] New Well [] Deepening [] Conversion [] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrd 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: [] Domestic [X] Irrigation [] Community [] Industrial/Commercial [] Livestock [] Dewatering [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Standard [] (attach copy)

Table with columns: Dia, From, To, Material, SEAL, Amt, sacks/lbs. Includes rows for BOREHOLE and SEAL.

How was seal placed: Method [] A [] B [] C [] D [] E [] Other Backfill placed from ft. to ft. Material Filter pack placed from ft. to ft. Material Size Explosives Used [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER:

Table with columns: Casing Liner, Dia, +, From, To, Gauge, Stl Plstc, Wld, Thrd. Includes checkboxes for material types.

Shoe [] Inside [] Outside [] Other Location of Shoe(s): Temp casing [] Yes Dia: From: To:

(7) PERFORATIONS/SCREENS:

Table with columns: Perf/Screen, Casing/Liner, Screen Dia, From, To, Sern/slot width, Slot length, #of slots, Tele/pipe size. Includes checkboxes for perforations and screens.

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

Table with columns: [] Pump [] Bailer [] Air [] Flowing Artesian, Yield gpm, Drawdown, Drill Stem/pump depth, Duration (hr). Includes temperature and lab analysis fields.

Table with columns: Temperature of water °F, Lab analysis [] Yes By, Water quality concerns? [] Yes (describe below) TDS amount, From, To, Description, Amount, Units.

(9) LOCATION OF WELL by legal description:

County: Wash Twp: 1N Range: 2W Sec: 03 NW 1/4 of the SW 1/4 Tax Lot: 3300 Tax Map Number 1N 2 3 Block: Lot: Subdivision: DMS or DD Lat: Long: DMS or DD

[X] Street Address of Well [] Nearest Address 23985 NW Grossen Dr. Hillsboro, Oregon 97124

(10) STATIC WATER LEVEL:

Table with columns: Description, Date, SWL(psi), +, SWL(ft). Includes checkboxes for Flowing Artesian and Dry Hole.

WATER BEARING ZONES: Depth at which water was first found SWL Date From To Est. Flow SWL(psi) + SWL(ft)

Table with columns: SWL Date, From, To, Est. Flow, SWL(psi), +, SWL(ft).

(12) WELL LOG:

Table with columns: Material, From, To, SWL. Includes ground elevation and detailed log entries for various materials.

Date Started: Completed:

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, 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, 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 1483 Date 5-23-20

Signed [Signature]

Contact Info (optional) ARROW DRILLING 503-538-4422