

Hannah Elliott

From: Adam Conway <aconway@dowl.com>
Sent: Friday, January 10, 2020 11:18 AM
To: Plan; Katie McDonald; Ann Beier; Russ Deboodt
Cc: Lewis, Tia M.; Lynn Bruno; Elaine Gesik; Marcus Hite; Kristi Neznanski; White, Cathy; David Jones; Joe Bessman
Subject: Remington Ranch Production Well Log
Attachments: CROO_50431_Well Log.pdf

All, thank you again for the productive site visit and work session this week.

Please find attached a copy of the well log for the main production well located in the NE quadrant of the site that is proposed to deliver the water supply to meet project demands.

Please review and do not hesitate to contact me with questions or comments. Thanks again,

Adam Conway, PE
Civil Engineer

DOWL

(541) 385-4772 | office
(458) 202-7345 | direct
963 SW Simpson Ave, Ste 200
Bend, OR 97702

www.dowl.com

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 4E
Name MARTIN TISTHAMMER
Address 112 HIGHLAND AVENUE
City VACAVILLE State CA Zip 95688

(2) TYPE OF WORK
☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 402 ft.
Explosives used ☐ Yes ☒ No Type - Amount -

HOLE			SEAL				
Diameter	From	To	Material	From	To	Sacks or pounds	
21	0	19	BENTONITE	0	19	30 SACKS	
16	19	408					

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other POURED DOWN DRY

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16	+1	19	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	12	2	402	188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) NO SHOE USED

(7) PERFORATIONS/SCREENS:

		Method		Material	
<input checked="" type="checkbox"/> Perforations		MACHINE CUT		STEEL	
<input type="checkbox"/> Screens		Type		SLOT	
From	To	Slot size	Number	Diameter	Tele./pipe size
302	322	1/8 x 3	912	12	-
342	362	1/8 x 3	912	12	-
382	402	1/8 x 3	912	12	-

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

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Flowing
Yield gal/min	Drawdown	Drill stem at	Time
500	0	408	1 hr.

Temperature of water 54° Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:
County CROOK Latitude Longitude
Township 14 N or S Range 14 E or W. WM.
Section 34 N W 1/4 N W 1/4
Tax Lot 1803 Lot Block Subdivision
Street Address of Well (or nearest address) 14555 SW CORNET LOOP

(10) STATIC WATER LEVEL:
265 ft. below land surface. Date 12-5-97
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 285

From	To	Estimated Flow Rate	SWL
275	285	50+ GPM	265
345	375	500+ GPM	265

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
SANDY SOIL	0	8	
GREY LAVA	8	15	
RED LAVA CONG	15	20	
BROWN SS CONG	20	80	
BROKEN LAVA CONG	80	105	
BROWN SS	105	185	
TAN SS CONG	185	225	
BROKEN LAVA	225	275	
TAN GRAVEL CONG	275	285	265
BROKEN LAVA	285	295	
BROWN GRAVEL CONG	295	345	
TAN VESICULAR CONG	345	360	265
BROWN VESICULAR CONG	360	375	265
GREY BASALT	375	385	
BROWN SS CONG	385	408	

Date started 11-24-97 Completed 12-5-97

(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.

Signed WWC Number
Date

(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.

Signed WWC Number 1556
Date 12-9-97