Approved: 

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19361

Date: March 17, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Phillip I. Marcy reviewed the application. Please see Phillip's Groundwater Review and the Well Report.

Applicant's Well #1 (BAKE 52513): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Well #1 may not satisfy hydraulic connection issues.

Applicant's Well #2 and Well #3 (Proposed): Well #2 and Well #3 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well #2 and Well #3 may not satisfy hydraulic connection issues.

BAKE 52513

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

8/13/2016

WELL I.D. LABEL# L 107434
START CARD # 1030183
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company MOOSE CREEK INVESTMENTS LLC
Address PO BOX 361
City KETCHUM State ID Zip 83340

(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 [X] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud
[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE

[ ] Domestic [X] Irrigation [ ] Community
[ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)
Depth of Completed Well 705.00 ft.

BORE HOLE

Dia	From	To
20	0	528
15	528	705

SEAL

Material	From	To	Amt	sacks/lbs
Cement w/5% Bentonit	0	528	26000	P
		Calculated	25066	
		Calculated		

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other
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
●	○	16	X	2	528	0.375	●	○	X	
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		

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

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

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

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

( ) Pump ( ) Bailer (●) Air ( ) Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1500		705	2

Temperature 65 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County BAKER Twp 9.00 S N/S Range 40.00 E E/W WM
Sec 23 NE 1/4 of the SW 1/4 Tax Lot 400
Tax Map Number Lot 400
Lat 44 37 12.87 " or DMS or DD
Long 117 ° 7631.48 " or DMS or DD
( ) Street address of well (●) Nearest address
20152 SUNSET LANE
BAKER, OR

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	4/21/2016			126

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 565.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
4-21	627	705	1500			126

(11) WELL LOG

Ground Elevation 3570.00

Material	From	To
light brown silt	0	80
dark grey silt	80	100
grayish brown silt	100	173
light gray clay	173	174
dark brown silt	174	230
grey silt	230	350
greenish brown silt	350	380
coarse grain sand, qtz and basalt grains	380	390
dark brown silt	390	430
light olive green clay	430	440
dark brown silt	440	450
dark olive green clay	450	470
olive green silt	470	510
olive green claystone	510	520
dense basalt	520	560
slightly vesicular basalt	560	627
FT, weathered vesicular basalt	627	640
vesicular basalt	640	705

Date Started 4/10/2016 Completed 4/21/2016

(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 1937 Date 8/13/2016

Signed BRENDAN PECK (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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