

# Home Energy Rating Certificate



**Property**

**HERS**

Rating Type: Confirmed

Certified Energy Rater: Mark Bloomfield

Rating Date: 2016-08-16

Rating Number: 15561

Boulder, CO 80304

Registry ID: 912735114

**HERS Index: 38**

**General Information**

Conditioned Area	3182 sq. ft.	House Type	Single-family detached
Conditioned Volume	32580 cubic ft.	Foundation	Enclosed crawl space
Bedrooms	3		

**Mechanical Systems Features**

Heating:	Fuel-fired hydronic distribution, Natural gas, 95.0 AFUE.		
Water Heating:	Conventional, Natural gas, 0.78 EF, 50.0 Gal.		
Cooling:	Evaporative cooler, Electric, 30.0 EER.		
Duct Leakage to Outside	NA		
Ventilation System	None		
Programmable Thermostat	Heat=Yes; Cool=Yes		

**Building Shell Features**

Ceiling Flat	R-30.0	Slab	None
Sealed Attic	NA	Exposed Floor	R-0.0
Vaulted Ceiling	R-40.0	Window Type	U-Value: 0.350, SHGC: 0.350
Above Grade Walls	R-13.0	Infiltration Rate	Htg: 2701 Clg: 2701 CFM50
Foundation Walls	R-13.0	Method	Blower door test

**Lights and Appliance Features**

Percent Interior Lighting	80.00	Range/Oven Fuel	Natural gas
Percent Garage Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	613	Clothes Dryer EF	3.10
Dishwasher (kWh/yr)	288	Ceiling Fan (cfm/Watt)	0.00

**Estimated Annual Energy Cost**

Use	MMBtu	Cost	Percent
Heating	47.1	\$705	64%
Cooling	4.9	\$29	3%
Hot Water	5.7	\$116	11%
Lights/Appliances	24.8	\$340	31%
Photovoltaics	-21.0	-\$304	-28%
Service Charges		\$215	20%
<b>Total</b>	<b>61.5</b>	<b>\$1101</b>	<b>100%</b>

**Criteria**

This home meets or exceeds the minimum criteria for the following:

HERS Provider: Energy Logic  
800-315-0459 / nrglogic.com

HERS Rater:  
Sustainably Built, LLC  
3034--447-0237

www.SustainablyBuilt.com



**REM/Rate - Residential Energy Analysis and Rating Software v14.6.1**

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