

Home Energy Rating Certificate

Hook Residence

Oklahoma City, OK



**5 Stars Plus
Confirmed**

**Insulated
Concrete Forms
& More, LLC**

Uniform Energy Rating System

| 1 Star | 1 Star Plus | 2 Stars | 2 Stars Plus | 3 Stars | 3 Stars Plus | 4 Stars | 4 Stars Plus | 5 Stars | 5 Stars Plus |
|---------|-------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|
| 500-401 | 400-301 | 300-251 | 250-201 | 200-151 | 150-101 | 100-91 | 90-86 | 85-71 | 70 or Less |

Energy Efficient

HERS Index: **39**

Efficient Home Comparison: **61% Better**

General Information

Conditioned Area: 2852 sq. ft. House Type: Single-family detached
 Conditioned Volume: 28375 cubic ft. Foundation: Slab
 Bedrooms: 4

Mechanical Systems Features

Ground-source heat pump: Electric, Htg: 4.1 COP, Clg: 22.0 EER, w/DSH.
 Water Heating: Ground source heat pump, Electric, 1.50 EF, 50.0 Gal.

Duct Leakage to Outside: 0.00 CFM25.
 Ventilation System: None
 Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: NA Slab: R-10.0 Edge, R-0.0 Under
 Sealed Attic: R-24.0 Exposed Floor: NA
 Vaulted Ceiling: NA Window Type: U-Value: 0.270, SHGC: 0.230
 Above Grade Walls: R-28.0 Infiltration Rate: Htg: 823 Clg: 823 CFM50
 Foundation Walls: NA Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 100.0 Range/Oven Fuel: Electric
 Percent Garage Lighting: 100.0 Clothes Dryer Fuel: Electric
 Refrigerator (kWh/yr): 690.0 Clothes Dryer EF: 3.01
 Dishwasher Energy Factor: 0.65 Ceiling Fan (cfm/Watt): 0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

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

This information does not constitute any warranty of energy cost or savings.

© 1985-2015 Noresco, Boulder, Colorado.

Registry ID: 531878321

Rating Number: 160-003

Certified Energy Rater: Jonathan S.

Rating Date: 07/03/15

Rating Ordered For: Construction Services America

Estimated Annual Energy Cost

| Use | MMBtu | Cost | Percent |
|-------------------|-------------|---------------|-------------|
| Heating | 9.7 | \$183 | 17% |
| Cooling | 4.6 | \$113 | 10% |
| Hot Water | 6.4 | \$137 | 13% |
| Lights/Appliances | 23.0 | \$507 | 46% |
| Photovoltaics | -0.0 | \$-0 | -0% |
| Service Charges | | \$156 | 14% |
| Total | 43.7 | \$1097 | 100% |

**This home meets or exceeds the minimum
criteria for all of the following:**

1998 International Energy Conservation Code
 2000 International Energy Conservation Code
 2006 International Energy Conservation Code
 2009 International Energy Conservation Code

Home Energy Solutions

523 Iowa St
 Norman, Ok 73069
 405-605-4123

Certified Energy Rater