



An ENERGY STAR[®] Qualified Home

This home built at

4011 Quail Brush , Las Cruces, NM

by Soledad Canyon Earth Builders

has been verified by Inspection Connection LC, an independent professional or organization,
to meet or exceed strict energy efficiency guidelines
set by the U.S. Environmental Protection Agency.

HERS Index: 31

4/27/10

A handwritten signature in blue ink that reads "David Lee".

David Lee
Chief
ENERGY STAR Residential Branch

A handwritten signature in blue ink that reads "Sam Rashkin".

Sam Rashkin
National Director
ENERGY STAR for Homes

www.energystar.gov

Home Energy Rating Certificate

Quail Brush - 4011

4011 Quail Brush

Las Cruces, NM 88005



**5 Stars Plus
Confirmed Rating**

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: 31 **Efficient Home Comparison: 69% Better**

General Information

Conditioned Area: 2727 sq. ft. House Type: Single-family detached
 Conditioned Volume: 32259 cubic ft. Foundation: Slab
 Bedrooms: 3

Mechanical Systems Features

Heating: Fuel-fired air distribution, Propane, 80.0 AFUE.
 Water Heating: Instant water heater, Propane, 0.84 EF, 0.0 Gal.
 Cooling: Air conditioner, Electric, 14.0 SEER.
 Duct Leakage to Outside: 150.00 CFM.
 Ventilation System: Air Cyclor: 120 cfm, 249.0 watts.
 Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: NA Exposed Floor: NA
 Vaulted Ceiling: U-0.046 Window Type: Db/LoE/air fill
 Above Grade Walls: U-0.092, U-0.043, R-18 **Infiltration:**
 Foundation Walls: NA Rate: Htg: 1265 Clg: 1265 CFM50
 Slab: R-5.0 Edge, R-0.0 Under Method: Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based: 30.00 Clothes Dryer Fuel: Electric
 Percent Fluorescent CFL: 30.00 Range/Oven Fuel: Propane
 Refrigerator (kWh/yr): 453.00 Ceiling Fan (cfm/Watt): 0.00
 Dishwasher Energy Factor: 0.69

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

REM/Rate - Residential Energy Analysis and Rating Software v12.82

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

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Rating Number: 316038

Certified Energy Rater: Miles Dyson

Rating Date: 4/27/10

Rating Ordered For:

Estimated Annual Energy Cost

Use	Confirmed Rating		
	MMBtu	Cost	Percent
Heating	59.1	\$1655	70%
Cooling	5.9	\$215	9%
Hot Water	12.0	\$336	14%
Lights/Appliances	30.3	\$1002	42%
Photovoltaics	-28.8	-\$977	-41%
Service Charges		\$132	6%
Total		\$2362	100%

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

EPA ENERGY STAR Home

2006 International Energy Conservation Code

2009 International Energy Conservation Code

Miles Dyson

Inspection Connection LC

PO Box 157

Mesilla Park, NM 88047

www.ICEnergyRate.com

Certified Energy Rater