



Feature Article

Laurie Daniel, January 3, 2008

Mount Harlan (AVA)

## The Limestone Chronicles: How Josh Jensen Mines His Coveted Pinot Noir

*Calera Wine Company owner and winemaker Josh Jensen fell in love with the limestone-influenced wines of Burgundy and decided to turn that love into his life's work. Referred to as one of America's Grand Crus, the Jensen Vineyard Pinot Noir wine on Mt. Harlan is widely acclaimed.*

Josh Jensen has had to fight a lot of misconceptions in the 30-plus years since he founded Calera Wine Company. World-class Pinot Noir from California seemed an improbable goal back in 1975, when Jensen planted his first vineyards. Then there was the notion that San Benito County, Calera's home, was too hot for Pinot Noir. But despite its inland location, Calera gets a strong marine influence, in the form of morning fog and afternoon winds.

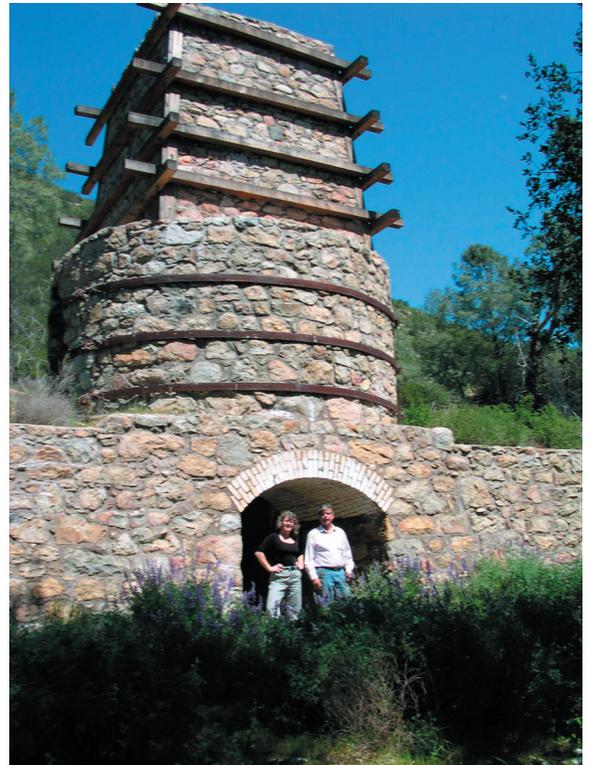
Jensen persisted, and he's gained a reputation for distinctive, complex Pinot Noirs. Calera Pinots are powerful, but it's a different kind of power from what's found in so many California Pinot Noirs. Those wines get their power from ripeness and big fruit. Some are downright heavy. Calera Pinots get their power from their structure. Far from being heavy, the wines retain elegance.

Jensen, a California native and Yale graduate in history, earned a master's in anthropology at Oxford and then lived in France for a few years. He spent a couple of harvests in Burgundy, one at Domaine de la Romanée-Conti and one at Domaine Dujac. Burgundy's Côte d'Or is basically a 30-mile-long ridge of eroded limestone, and Jensen subscribed to the Burgundian belief that limestone was essential to growing world-class Pinot Noir and Chardonnay.

So when Jensen returned to California in 1971, he started looking for pockets of limestone as potential vineyard sites - not an easy task, because limestone isn't a common geologic feature in a state dominated by granite. He searched maps from the state's bureau of mines and discovered what he was looking for on Mount Harlan, in the northern Gavilan mountains between Monterey and San Benito counties.

The property had so much limestone that it had been a quarry in the 19th century and was the location of an 1860 limekiln. The winery took its name from that kiln - calera is Spanish for limekiln - and an image of the 30-foot-tall structure adorns the Calera labels.

In 1975, Jensen planted 24 acres of Pinot Noir in three parcels, which he called Jensen, Selleck and Reed vineyards. Each vineyard has slightly different soils and exposure. Since then he's planted more Pinot Noir, some Chardonnay, a little Viognier and a tiny plot of Aligoté. About three-quarters of the vineyard is Pinot.



Once a quarry in the 19th century, Calera's property was the location of an 1860 limekiln. The winery took its name from that kiln and an image of the 30-foot-tall structure adorns its labels.



I talked to Jensen about the allure of limestone, the challenges of farming in a remote area and what makes his Mount Harlan AVA such a special place to grow Pinot Noir.

**Laurie Daniel (LD):** When you decided to look for a place to plant a vineyard, the presence of limestone was important to you. Why?

**Josh Jensen (JJ):** Limestone is what the source location has, the Côte d'Or. Not only do they have it, but when you get a few hundred yards down off the slope, at the bottom of this 30-mile-long limestone ridge, down on the deep alluvial river plain, they don't even plant Pinot Noir out there. They've learned over the centuries that Pinot Noir and Chardonnay grown out there on the deep alluvial soils just make boring wines.

**LD:** What do you think limestone imparts to the wines?

**JJ:** I think what it imparts to the grapes, the juice, and consequently the wine, is complexity. I have no idea how or why it does that, not being a scientist or botanist. But it just seems that when you taste red Burgundies that are grown on the limestone soils, then you compare that with the stuff that's grown 300 yards away, out on the deep alluvial soils that don't have limestone influence, the former is complex and has subtleties and secondary and tertiary flavors and aromas, and the latter doesn't. It's just one-dimensional. It's just grape juice.

**LD:** Do you think limestone contributes to the wine's ability to age?

**JJ:** I do. Perhaps partly because the limestone-derived hillside soils are poor soils, so you get smaller crops. Smaller crops definitely contribute to longevity. Also, just the texture of the wines - with more oomph or more structure or more flavors packed in - probably helps it age.



Josh Jensen pours vineyard manager Jim Ryan a glass of the Pinot Noir whose grapes came from the Ryan Vineyard.



Calera's gravity flow winery pictured here was a necessity since there was no electricity when the winery began operations years ago. Now it is a natural energy saver.

four-and-a-quarter mile drive on an initially very steep dirt road, so when it's raining and even a day after a big rain, we can't even get up to the vineyard. So to people who've always farmed with electricity, those would look to be insurmountable obstacles. But we've figured out ways to do it.

**LD:** In addition to limestone, was there anything else you were looking for?

**JJ:** Limestone was so far in number 1 position that you could almost say it was the only thing. It had to be good weather. Obviously if I found limestone in Death Valley or at the top of Mount Whitney, it would be a failure. The weather had to be good. In California, that means not too close or not too far from the ocean. Also a consideration is you can't really be on the outskirts of a town, because then the town's going to grow out. I didn't want to put in vineyards and 32 years later - which would be today - be forced out by real estate developers.

**LD:** You certainly found a remote enough place. What sort of obstacles did you face in planting a new vineyard in such a remote area?

**JJ:** The main one is no electricity. Everyone who has vineyards has a shop there, and they've got lights and saws and pumps, and their irrigation is all done with electricity.

Back then we didn't have electricity or phones or paved roads, and still today we have no electricity or phones or paved roads. It's a

**LD:** What did you figure out?

**JJ:** We use diesel power for pumping from our reservoir and our water tanks out into the vineyard. We use a diesel generator to run our two very deep wells - each of which are a thousand feet into the ground – so we have a big diesel generator there, and that runs the submersible pump.

**LD:** Some of the individual parcels in the vineyard, such as Selleck and Reed, are quite small, five acres or less. Why did you decide to keep the individual parcels separate?

**JJ:** Because I came from Burgundy. That's where I did my apprenticeship. Those people there would sooner sell their son into slavery than combine the wine from Gevrey-Chambertin and Chambolle-Musigny. It's just inconceivable. People always ask me that question. I say, well, if a few years into this we see that the wines all taste exactly the same, then we might consider (blending them). But right from the get-go, they had very different flavors, and those differences have increased as the roots have gotten down deeper... They're picking up all those nuances and mineral inputs from all that deep geologic material, and that increases the expression of terroir and increases the differences in flavors between them.

**LD:** I know this is like asking you to choose among your children, but do you have a favorite?

**JJ:** Well, it is like asking you to choose your favorite children, but if you just refer to our prices, the price differences show what we think the relative objective quality is. So Selleck is our most expensive, then going down in price, Jensen, Reed, Mills and our new one, the Ryan.

**LD:** A few of the parcels in your vineyard have vines planted on their own roots. Why did you decide to do that? Do you think it makes a difference in the wines?

**JJ:** Whether it makes a difference in the wines - I don't really know how we could ever figure that out. For Pinot Noir, it's just the Mills Vineyard. The original Chardonnay block, which is 6.1 acres, is immediately contiguous to the Mills - they were planted the same year, 1984 - and it also is on its own roots. Finally, about 60 percent of our Viognier, the block that we planted in 1989, is on its own roots.



Calera's Jensen Vineyard is built on limestone, the white outcrop of which can be seen in the middle of the photo.

So why did we use rootstocks with the initial plantings and then in the second wave of plantings in the '80s, do own-rooted? That's because that was the recommendation of the UC-Davis and extension people at that time. Much of Monterey County was planted in the '70s on its own roots, because they just said, look, phylloxera is dead and buried. It's like ancient history. It's gone. You don't have to worry about it anymore, so don't go to the expense of having grafted plant material. So we did plant those three things, and then shortly after we planted the Viognier block on its own roots in '89, I started reading articles about phylloxera being seen in a few vineyards in Napa County. So the big surge of planting that we did in 1997 and 1998 were all on rootstocks.

So far, the own-rooted plantings are doing fine. We get the crops much earlier on them. It's an easier thing to grow than a grafted plant. ... I think what's saving our bacon there is that our vineyards are so remote and so isolated from any other vineyards.

**LD:** You started out with Pinot Noir, then added some Viognier in 1983, when few consumers had ever heard of that grape and probably fewer could pronounce it. Why did you want to grow Viognier?

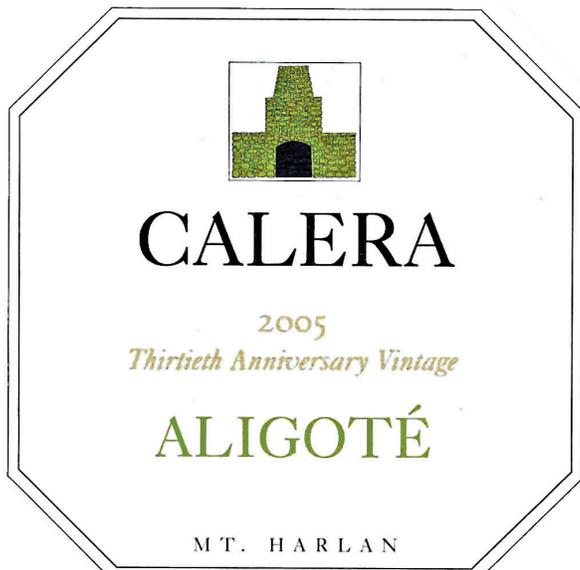
**JJ:** In 1983, we planted the first two-plus acres of Viognier, which took forever to get grafted and growing. It wasn't until seventh leaf that we got our first commercial crop. I was the person who petitioned the Foundation Plant Service at UC-Davis to import it. I did

that in 1973, a year before I acquired my property. It took them 15 years from my petition to when they actually offered California growers the first Viognier. In the meantime, we'd found that the New York state equivalent had brought some in and was making it available, so that's where we got our initial wood.

(In 1970) I went to Chateau Grillet and picked grapes for two days and told them I wanted my princely pay in bottles of Chateau Grillet. So I got three bottles of wine for my two days' labor. I had been living in France for a while by then, and I just loved the Condrieus. They were extremely obscure, even in France, back then. It was down to only about 60 acres in the whole world of Viognier. It looked like a variety that was practically in danger of extinction. But I just loved the combination of aromas and flavors. It's just a really exciting grape variety. It was not in the basic model of Burgundian varieties planted on Burgundian-type limestone soils. But I figured, you know, I'll give it a shot.

**LD:** I know you're experimenting with a little Aligoté. Why did you decide to do that? What have the results been?

**JJ:** I love the results. We had 10 rows of one of our best Pinot vineyards that were making sort of watery wine every year. And I said, this is not a part of the hillside that's going to ever be any good. So I said, let's take two rows sort of in the middle of this 10 and convert them over to Aligoté. At least we'll have fun making a small amount of Aligoté. So that's how it came about.



That was in the spring of '04, and we got like five gallons or three gallons of wine that year. The next year we got what we would expect to be a full-size crop from that field, which was like 54 full cases. And it was lovely. It ripens at a higher acid and lower sugar than Chardonnay does. So it's 12 ½, 13 percent alcohol. It's just fun. It's not a great wine. It's not going to inspire people to write poetry and compose sonnets, but it's a really pleasant, refreshing, change-of-pace glass of wine.

We grafted over this spring just about an equal number of vines, 160 or so vines, in our original Mt. Harlan Chardonnay planting. Starting in '08, we should be making 100 or 120 cases a year.

**LD:** In addition to Pinot Noir, Chardonnay, Viognier and Aligoté, are there other grapes that you think might perform well in your appellation?

**JJ:** Some of the flattest land that I own is some of the highest land that I own. It's 2,600-2,700 feet above sea level, but it has no limestone on it. I mean none. It's just shale. I've always loved Hermitage and Côte-Rôtie, so I've always thought in the back of my mind that they might be suitable up there. But in the '70s and '80s, when I put these vineyards in, clearly it would not have been warm enough up there to ripen Syrah - or Roussanne, which is another big favorite of mine. Many years, we are still picking our established vineyards, which are 2,200 feet above sea level, in November. So if we're picking Pinots in November at 2,200 feet, we would not get Syrah ripe at 2,600 feet. Now we've got global warming fully upon us, so from now into the next 10 or 20 years, probably Syrah would ripen very well up at that higher spot.

**LD:** Why did you decide to apply for a Mount Harlan AVA, which was approved in 1990?

**JJ:** We felt that our area, from the standpoint of soils, elevation, history, etc. was a pretty unique area. San Benito County, which I dearly love, is not well-known to people, even in the San Francisco Bay Area. For a while when we started, with our first few vintages, we put California on the appellation line, and then we put San Benito County. We just felt that we have a unique place, and the uniqueness would be emphasized by having a unique AVA.

**LD:** Calera's vineyards are the only ones in the AVA, which, at 7,400 acres, is a lot larger than the Calera vineyards. Are there any plans for you or anyone else to plant additional vineyards there?

**JJ:** Nobody else has any plans that they've ever said to me. There's one big cattle rancher, and then a bunch of people who own really steep hillsides for hunting cabins. If anyone has any plans, they've never mentioned it to me. Most of the people say, well, that guy was crazy to plant those things. He's lucky he didn't lose his shirt.