



01759385

**Fischer, Alex**

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**From:** pmajors@nobleenergyinc.com  
**Sent:** Monday, September 21, 2009 6:42 PM  
**To:** Fischer, Alex  
**Subject:** RE: Answering your questions on the Gemini K01-99HZ

Yes - 660 is about right.

Paul Majors - P.E.  
Asset Manager - Wattenberg  
Direct: 303.228.4155  
Cell: 303.829.3709  
www.nobleenergyinc.com



"Fischer, Alex" <Alex.Fischer@state.co.us>

To <pmajors@nobleenergyinc.com>

cc <MClark@nobleenergyinc.com>, <LPavelka@nobleenergyinc.com>

09/21/2009 08:01 AM

Subject RE: Answering your questions on the Gemini K01-99HZ

This is irregular (long) section. The estimated west side of the drilling window is calculated to be 488' FWL. Based on what you described below, the end of the production zone is about 660' FWL. Is this correct?

Thanks  
Alex

**From:** pmajors@nobleenergyinc.com [mailto:pmajors@nobleenergyinc.com]  
**Sent:** Friday, September 18, 2009 2:24 PM  
**To:** Fischer, Alex  
**Cc:** MClark@nobleenergyinc.com; LPavelka@nobleenergyinc.com  
**Subject:** Answering your questions on the Gemini K01-99HZ

Hey Alex - sorry for the delay in getting you this answer.

You asked about the bottom hole on the Horizontal well - on the plat our drilled TD is closer that 460' from the lease line. This is correct. But we are running a Packers Plus system where there will be a set of packers and blank pipe in the toe as to where the deepest productive interval will be over 200' from the toe of the well. So the productive interval will be well with-in the 460' foot setback.

Also this plan is the best case - more than likely we will stop sort of the projected bottom hole due to torque and drag limitations depending on hole cleaning efficiencies.

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