



Prodigy Oil and GAs Company notes Measurement While Drilling (MWD)

Prodigy oil and gas always monitor the drilling process and quality. And that is also called Measurement While Drilling (MWD)

DALLAS, TEXAS, USA, August 31, 2013 /EINPresswire.com/ -- Shawn Bartholomae of Prodigy Oil and Gas located in Irving, TX knows sound engineering and use of proven techniques is one component to success in the industry. A little over two decades ago, oil companies were told that a key component of horizontal drilling would be the ability to Measure While Drilling (MWD). This means either monitoring while drilling or measuring while drilling, depending upon which engineer one talks to, the result is a key component in what is rapidly becoming an energy revolution that has the power to reshape the economic patterns of the world.

The simplest way to describe MWD is to relate it to the measurements a pilot takes. A pilot needs to know the direction they are flying (North, South, East, or West), the angle they are flying at (up, down, or horizontal), and what type of skies they will be flying through (rough, choppy, cloudy, rainy, etc.). Like a pilot a directional driller needs to know these items about the ground formations that they are drilling through. MWD provides this information. Previous to MWD measurements were taken at various parts of the drilling process, but MWD has allowed these measurements to be sent to the surface continuously while the hole is being drilled. This allows for faster drilling, more accurate drilling, and safer drilling.

Engineers were telling us that one could bury a football 10,000 feet into the ground and their sensors and locators could find this football with a drill bit.

The new concept made so much sense that the industry realized this technology was to be invaluable in the drilling of horizontal wells and even a vertical oil well could greatly improve its chances of success. MWD gives the driller the ability to know exactly where he is and where he needs to go to hit the target right on the nose.

In vertical wells, it does not take much of a 'drift', perhaps as little as a 1% meandering, for a 10,000 foot well to miss the target pocket as much as several hundred feet. Before the technology was made available there were many wells that actually would have been successful except the target pocket was either not hit, or was not hit at the exact spot the driller and the engineers would have wanted.

Like any new technology, with time and experience see the engineers and the technology they employ become ever more sophisticated. The ability to steer a drill bit to an incredible accuracy, to know where the bit is at all times and the ability to see where the formations are, and a wedding of these new developments provide astonishing growth in the applications and technology of fracking. All of these ideas and developing technologies have all combined to bring on a new revolution in oil and gas exploration.

Prodigy Oil and Gas Company and the entire world are watching this revolution with keen interest. The technology is not resting and neither is the energy revolution. The revolution is taking place around us right now.

Fagun Rain
Prodigy Oil and Gas
972-506-0909
email us here

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2016 IPD Group, Inc. All Right Reserved.