



ANOVA-1 Pump-off Controller

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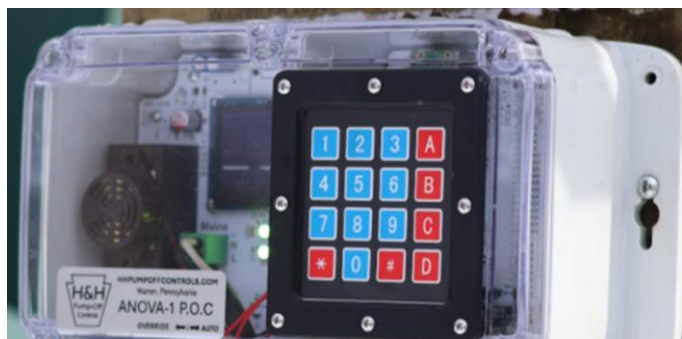
Introduction

The ANOVA-1 pump control is a **smart timer** that uses a proprietary statistical algorithm to sense **pump-off** and shut down electrical driven pump jacks. It is packed with useful features, affordable, and durable.

Installation takes minutes. Attach the sensor harness to the bridle and mount controller in visible location on jack. Attach included wire into existing electric box, using the same wires as an existing mechanical or digital timer.

Features

- Timmer Mode- up to 28 well start timers. Well starts, stops at pump-off, waits for next timer.
- Fillage Mode- Pumps until pump-off, wait user specified fill time, then repeat indefinitely.
- Works with intermittent power (generator leases). All settings and data retained when powered down.
- Emergency Shut-down (ESD)- detects rod float and shuts down well before paraffin gets to lead lines.
- Low Temperature (LowT)- over-rides timer start if below user defined temperature
- Failure to Initialize (FTI)- identifies belt slippage
- Max Duration set maximum pump-time regardless of pump-off detection. Fail-safe.
- Bright LED cluster show status of prior two pump records, viewable in full daylight from truck
- Easily scroll through last 100 pump records
- Audible feedback for inputs and well start
- Manual bypass switch
- Large, OLED screen works at any temperature
- Completely weatherproof (IP-67 rated) with custom rugged input keypad
- Invented and assembled in Warren, PA.



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Call or Text 814-706-7302

E-mail sam@bullrunenergy.com

Benefits

Save labor \$\$ vs standard timers

- Eliminate need to “catch” wells pumping-off and adjust “dumb” timers.
- LED indicators and well records retention give you the power to understand your wells.
- Less frequent and shorter visits to lease.

Save well pulling costs and wear and tear

- Eliminate over-pumping. Stroking after pumped-off is major cause of wear on equipment.
- Compressor down? Wells will not over-pump.
- New well, or well coming on after service or treatment? Wells will not over-pump.

Maximize production

- Eliminate under-pumping, even when backside pressure fluctuates.
- Shut-down for any reason, wells will automatically “make up” lost pump time. No need to hand pump.
- Bringing a new or worked-over well online? Let ANOVA-1 take the guesswork out of pumping.

Stop Spills and B.S. in Lines

- ESD feature stops well if line blocked or well starts pumping paraffin.
- With LowT feature, no need to power down lease when cold weather comes, or to return and hand pump when weather improves.