



THE PIT BOSS™

www.ETCorp.ca

PLUNGER LIFT CONTROLLER



RELIABLE

Designed for Canadian winters, **THE PIT BOSS™** will run for more than 21 days without solar power at -40°C. **THE PIT BOSS™** will also handle locations known for their high temperatures (up to +85°C). The display operates over the **entire** temperature range.

SIMPLE

Designed as a low-cost production enhancement tool. The intuitive keypad and easy-to-read display make configuration of **THE PIT BOSS™** fast and simple.

RUGGED

THE PIT BOSS™ is designed and tested to handle the harshest environments while drawing as little power as possible.

ADD-ONS

PRESSURE OPTIMIZATION:

Optimizes gas production using one or both of the following methods

1. Casing and Casing/Line Differential Pressure
2. Flow Rate. Includes Daily Production Volumes in History

SCADA INTERFACE:

Industry standard interface to allow connectivity with existing SCADA capable equipment. Allows the remote access to all commands available from the front panel.



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BASE APPLICATION

PLUNGER LIFT CONTROL

Control of the well is based on Timers as well as optional Arrival Sensor and Line Pressure devices. **THE PIT BOSS™** automatically adjusts the open and/or close timers to optimize gas production. Pressure Optimization is also available as an additional feature (see below).

The minimum required equipment configuration is:

- Sales Line Valve (Valve "A")

Supports the following additional equipment:

- Arrival Sensor (2 or 3 wire)
- Line Pressure Switch or Sensor (High Pressure Shut-In)
- "Top" or "Tank" Valve (Valve "B")

HISTORY

- **Total Production History**
- **Daily Production History:** Current day plus the last 7 days.
- **Cycle Logs:** Information is kept for the last 25 plunger cycles.
- **Plunger History:** Total distanced travelled and number of arrivals.

FEATURES

- Approved for mounting at the wellhead or in the separator shack.
 - Meets CEC 79-11
 - Intrinsically Safe Ex ia IIB,
 - Class 1, Division 1, Groups C & D
- Full operation over -40°C to +85 °C temperature range
- 6V battery that will provide more than 21 days of normal operation with loss of external power at -40°C
- Designed for external power input (e.g. solar panel)
- Mounting for up to 4 solenoid valves.
- Easy-to-read dot matrix display and menu-based user interface readable throughout the entire temperature range
- RS-485 serial port.
- Conformal coating to protect equipment in sour gas environments.

