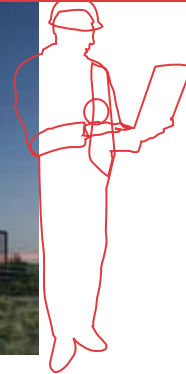


Smart-Skid™

Well Test Metering Facility



- Portable metering facility
- Captures all test data electronically
- Web-based interface to transfer and view data
- Significantly reduces operator administrative time



zedi

Smart-Skid™ – Well Test Metering Facility

The portable Smart-Skid metering facility is designed to capture initial high-resolution production and pressure data on wells that do not have permanent facilities at a fraction of the cost of traditional testing methods.

- Includes Smart-Alek® electronic flow measurement system, capturing all test data electronically for each well
- Automatically communicates information to Zedi Access (formerly smart-alek.com), a web-based interface, allowing for easy viewing and electronic transfer to production accounting or field data capture systems
- Web-based interface requires little to no involvement or intervention by the operator

Web-based Application – www.ZediAccess.com

How it works:

The operator's role is simply to hook up a Smart-Skid Well Test Metering Facility to proving taps, run the required testing, communicate the location and then move on to the next well; seamlessly integrating into the operator's daily routine.

Once the testing is done, the data and trends can be viewed and analysed, when it's convenient, from any Internet-enabled computer through Zedi Access (formerly smart-alek.com). It is a versatile option for producers testing group-metered, CBM and shallow gas wells.

The screenshot displays the 'Manage Wells' interface in a web browser. The browser address bar shows the URL: https://www.smart-alek.com/?location_id=90148&well_id=513. The page title is 'Test Interface - Windows Internet Explorer'. The interface includes a sidebar with navigation options: 'Wells', 'Parameter History', 'Calendar', and 'Reports'. The main content area has a form for entering well information, including 'Common Name / LSO' (00-00-37-04 w5), 'UWI' (00-00-37-04 w5), and 'Comments'. Below the form is a table of test records with columns: Record, Start, 24h Oil (m3), 24h Water (m3), 24h Emul (m3), 24h Gas (E3m3), and Status. The table contains 10 records with various start dates and statuses (Accepted or Rejected). A 'Click for New Test' button is located above the table. The browser status bar at the bottom shows 'Done' and 'Internet'.

Record	Start	24h Oil (m3)	24h Water (m3)	24h Emul (m3)	24h Gas (E3m3)	Status
OWT11267	2007/04/14	0.795	0.000	0.000	2.888	Accepted
OWT10861	2007/03/24	1.889	0.000	0.000	1.889	Rejected
OWT10913	2007/03/23	2.513	0.000	0.000	1.889	Rejected
OWT10862	2007/03/22	0.647	0.000	0.000	2.681	Accepted
OWT10888	2007/03/21	0.000	0.000	0.000	0.000	Rejected
OWT10664	2007/03/14	0.721	0.000	0.000	2.681	Accepted
OWT10693	2007/03/14	0.000	0.000	0.000	0.000	Rejected
OWT10692	2007/03/14	0.000	0.000	0.000	0.000	Rejected



Smart-Alek Intelligent Flow Monitoring System

Gas Composition Parameters

Well: **0146**

Compressibility Calculation Method: **AGL-3 (TRM)** **Deal**

Gas Relative Density: **Gr** **0.812** **Gr** only Required for GRAGG2 Compressibility Method

Ppr **101325** **Pa** **Tpr** **15** **°C**

Gas Composition: **zedi Meter Code: 90348-817**

H2	0.01 %	He	0 %
N2	0.11 %	CO2	7.18 %
H2S	0 %	O2	0.7 %
CO	16.17 %	C3	0.83 %
C4	1.58 %	NCA	1.47 %
C5	0.28 %	NCS	
C6	0.08 %	C7	
C8	0 %	C9	

Zedi Access (formerly smart-alek.com)
Manage gas analysis for multiple wells

Smart-Alek Intelligent Flow Monitoring System

Reports

From: **2007-01-01** To: **2007-04-15** Status: **Accepted and Rejected** **Run Report**

Record	Start Date	End Date	Status	Well ID	Gr	Water Emul Gas (m3)	Gas (m3)	24h Gr (m3)	24h Water Emul Gas (m3)	24h Gas (m3)
0011000	2007-03-09 00:00:00	2007-03-10 00:00:00	Acc	00-09-037-04w6	2.17	0.00	0.00	2.081	2.17	0.00
0011001	2007-03-23 16:00:00	2007-03-24 16:00:00	Acc	00-09-037-04w6	2.01	0.00	0.00	1.008	2.01	0.00
0011103	2007-04-05 00:00:00	2007-04-06 00:00:00	Acc	00-09-037-04w6	1.91	0.00	0.00	1.792	1.91	0.00

Smart-Alek Intelligent Flow Monitoring System

Oil Well Test Calendar

Well: **0146**

Color Legend:

Color	Oil Well	Accepted Tests	Rejected Tests
Blue	00-09-037-04 w6	2	0
Green	00-09-037-04 w6	1	0
Yellow	00-09-037-04 w6	1	1
Purple	00-09-037-04 w6	0	0
Grey	00-09-037-04 w6	1	0
Pink	00-09-037-04 w6	1	0
Light Blue	00-09-037-04 w6	1	0
Light Green	00-09-037-04 w6	1	0

Zedi Access (formerly smart-alek.com)
Easily accessible test

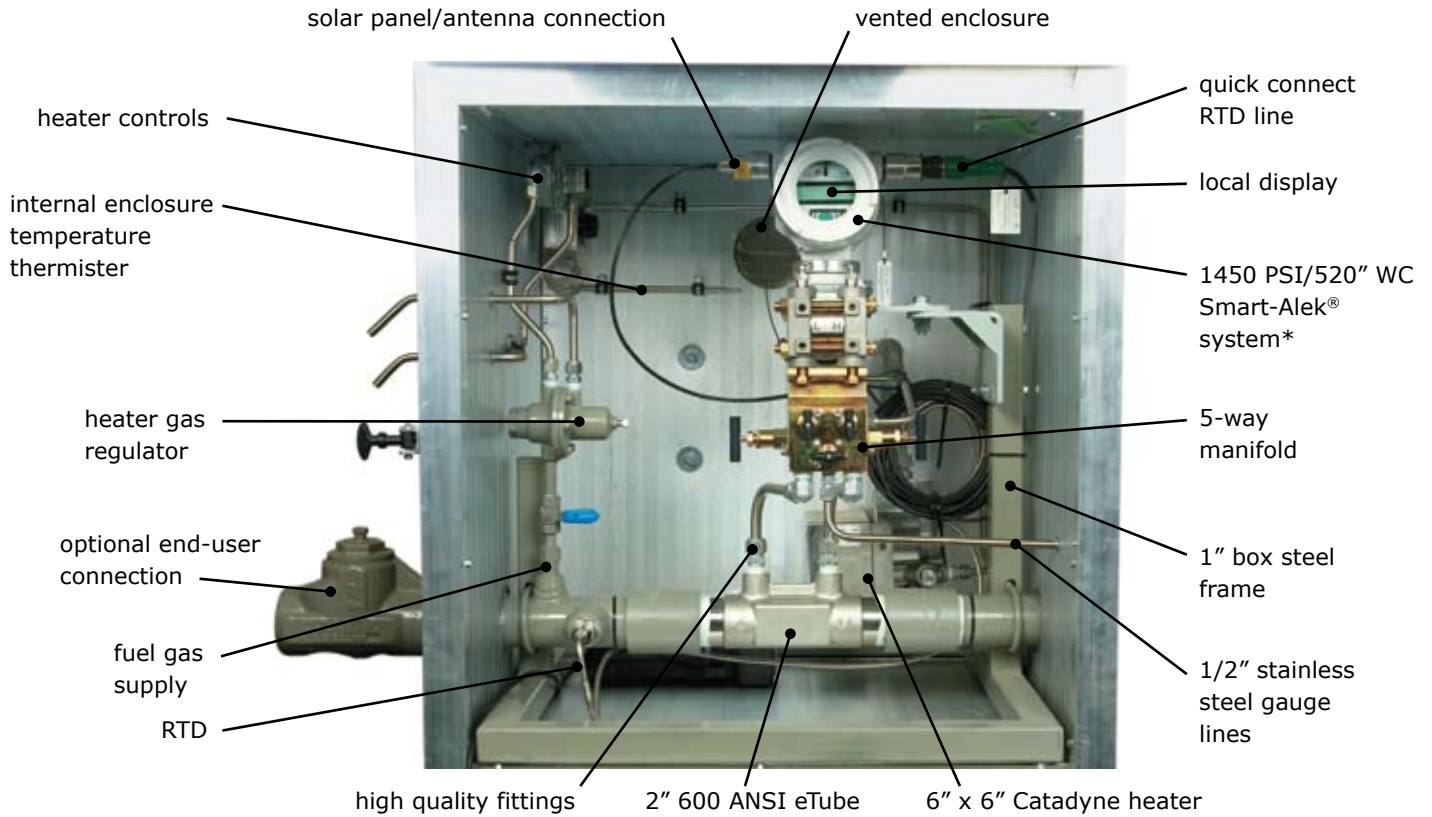
Zedi Access (formerly smart-alek.com)
Manage test dates and data through an interactive calendar

Hardware Options:

1. *Smart-Skid Well Test Metering Facility – portable*
 - as small as 24" W x 24" D
2. *Smart-Skid Well Test Metering Facility – with optional trailer*
 - optional separation available
 - helicopter transportable

Additional Benefits:

- Eliminate 24 hour chart costs and hassles
- Run a test over any length of time and then extrapolate the data through Zedi Access (formerly www.smart-alek.com) to produce results for a 24 hour test
- Electronic data is easily exported into other applications



* also options for 1450/125" WC or 72.5/24" WC

3. *Multi-Well Satellite Battery - Smart-Alek capabilities at the test separator to capture high-resolution production and pressure data*

