

Production Data Reporting

Test Pad is a fully customizable software package that calculates flow rates and volumes during a production test, and presents the data and results in a convenient format.

Measurements are entered and the calculated results displayed in a spreadsheet-like data table. Comments and remarks can be added to the table based on a time line. Cut, Copy, and Paste functions are available. If your data is in a spreadsheet or text file, simply copy and paste data into Test Pad.

The data, as well as any comments, can be used to create a PDF final report for your client.

Test Pad Measurement Solutions

Fluid Types: Gas, Oil, Water, Condensate

Gas Meter Types: Turbine, Orifice, Flow Prover, V Cone, Measured Rate

Liquid Meters: Turbine, Measured Rate, Measured Level, Measured Level (BS&W compensated), Produced Volume Cumulative, Produced Volume Gain

Multiple meters and customized names are handled easily.

Gas Equations of State Supported:

AGA8-92 Gross AGA8-92 Detailed Redlich-Kwong with Wichert-Aziz sour gas correction

PAS File Generation: Test Pad can export an Alberta ERCB PRD PAS file for electronic submission of test data. You can also import well data from pre-existing PRD PAS files into Test Pad. **ASCII and Excel Exporting:** Test Pad can directly export Excel files or generate ASCII text files.

Calculate Fluid and Frac Gas Recovery: Option of monitoring CO₂ and N₂ gas Frac Fluid recovery separate from well production, allowing for more accurate well production calculations.

Additional Features

Test Pad advanced graphing handles millions of data points. Graphs are simple to make and are completely customizable.

Create a customized report template and store it for future use.

Import data directly from Calscan recorders directly via a bin file.

Autosave feature prevents loss of work and time in case of system or power failure.

Can calculate different fluid flow rates from tank levels and BS&W cuts.

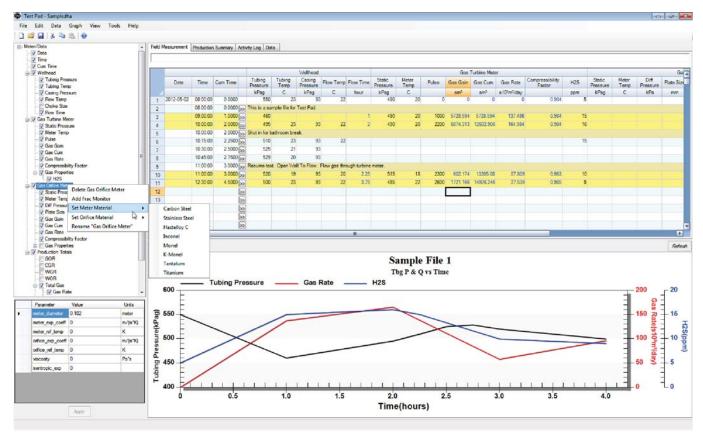
Level measurements supported for both vertical and horizontal tanks. Measurements are compensated for flat, spherical and semi-elliptical heads.

Production totals calculate the flow rates, accumulations and fluid ratios (GOR, WOR, etc.)

Units of measurement in both Imperial and SI standards. All measurements and calculations are converted when changing units.

ield Me	asurement	Production Sur	mmary Activity	Log Data																
003-07	-16																			
		Wellhead								Gas Meter 1										
	Date	Time	Cum Time	Tubing Pressure	Tubing Temp	Casing Pressure	Flow Temp	Choke Size	Flow Time	Static Pressure	Meter Temp	Plate Size	Gas Gain	Gas Cum	Gas Rate	Compressibility Factor	Oil Gain	Oil Cum	Oil Rate	
				kPaa	C	kPaa	С	mm	hour	kPag	С	mm	sm ³	sm ²	s10 ² m ³ /day		m ³	m ³	m³/day	s1
47		1:46:00 PM	78.7667	0	0 0	0	0 0							48854.494						
18		1:46:00 PM	78.7667	2.50 *** (63	3.50 mm) PL	ATE IN SER	WCE"													
19		1:50:00 PM	78.8333	10065	5 22	143	3 0							48854.494						
0		1:55:00 PM	78.9167	9931	22	113	3 0							48854.494						
1		2:00:00 PM	79.0000	9993	22	93	3 0		0.667	1199.989	7	63.5	7259.635	56114.129	2090.775	0.975	1.84	21.76	529.92	
2		2:00:00 PM	79.0000	TRACE OF	SAND IN SA	AMPLE. A	P.I = 31.2 @ 1	15.6 C												
3		2:15:00 PM	79.2500	9823	23	93	3 0							56114.129						
4		2:30:00 PM	79.5000	9593	26	93	3 0		0.917	1274.989	7	63.5	23069.846	79173.975	2213.745	0.974				
5		3.00.00 PM	80.0000 55	9483	26	93	3 0		1.417	1379.989	8	63.5	49621.928	128795.903	2381.853	0.971	1.4	23.16	67.2	
6		3:30:00 PM	80.5000 >>	9290	26	93	3 0		1.917	1399.989	9	63.5	50188.258	178964.16	2409.036	0.972				
7		4:00:00 PM	81.0000 >>	9173	25	93	3 0		2.417	1399.989	8	63.5	50305.907	229290.067	2414.684	0.971	1	24.16	48	
в		4:01:00 PM	81.0167	a 0	0 0	0	0 0			-0.01	() 0	0	229290.067	0	0.998	0	24.16	0	
9		4:01:00 PM	81.0167 2	SHUT IN.	RIG INTO T	HE CASING	VALVE . AT	TEMPT TO	FLOW CAS	ING TO REC	OVER LO/	D FLUID.								
0		4:10:00 PM	81.1667 5	12593	3 0	103	3 0			-0.01	() 0	0	229290.067	0	0.998	0	24.16	0	
1		4:10:00 PM	81.1667 5	"OPEN TO	FLOW 2.0"	BYPASS ."														
2		4:12:00 PM	81.2000	j 0) 0	0	0 0							229290.067						
3		4:12:00 PM	81.2000	FLUID TO	SURFACE (1	100% OIL)	NO GAS.													
4		4:15:00 PM	81.2500	13428	3 0	4093	3 0							229290.067						
5		4:15:00 PM	81.2500 >>	DECREAS	E CHOKE T	O 1.0"" (25.	40 mm)*													
6		4:30:00 PM	81.5000	13993	3 0	10293	3 0							229290.067						
7		4:35:00 PM	81.5833 🗔	ă o	0 0		0 0			-0.01	(0	0	229290 067	0	0.998	0	24.16	0	

Screenshots



			Summary			PAS Vie										AGA8 Det	AGA8 Gross	Wade
Version	Well Info 1	fest Data	Meters	Data Table	Summary	Dates											huno diuss	Walk
	ne	TWH	TTUB	TUPS	CSPS	TCAS	QTGAS	QTOIL	QTCON	QTWTR	VTGAS	VTOIL	VTCON		-	(Sas	Fractio
2003 07 1	6 0700:00	0.00	1,593.00	1,553.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			300	
2003 07 1	6 0800:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		•		100
	6 0800:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000		0.0000		0.0000 FRAC CREW ARRIVES. SPOTS AND BEGINS TO RIG UP.	- 11 - 11		N	0
	6 0930-00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			N ₂	0
	6 0930:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000 HOLD SAFETY MEETING.	-11-11		CO2	0
	6 0945:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	- 11 11	_		-
	6 0945:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000 PRESSURE TEST ALL SURFACE LINES.	- 11 11		C ₂	0
2003 07 1	6 1025:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_ 1. 1		6	_
2003 07 1	6 1025:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 START TO FRAC	- 11 - 11		C ₃	0
2003 07 1	6 1115:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_ 1 1		H ₂ O	0
2003 07 1	6 1115:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 FLUSH AWAY. FRAC COMPLETE. 34 MPA ON TUBING.	- 11 - 11	_	1120	
2003 07 1	6 1116:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			H ₂ S	0
2003 07 1	6 1116:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 START FORCED CLOSURE TO RIG TANK. RETURN 0.30 m3 / min.	- 11 - 11			_
2003 07 1	6 1130.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			H ₂	0
2003 07 1	6 1130:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 5.0 m3 FRAC FLUID RETURNED .	- 11 - 11		co	0
2003 07 1	6 1130:01		5,093.00	5,093.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		_		
2003 07 1	6 1145:00	0.00	4,853.00	4,853.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000			022	0
2003 07 1	6 1146:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
2003 07 1	6 1146:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 3.0 m3 FLOWED BACK LAST 15 MIN. SHUT IN AND RIG OUT STINGER.			iC4	0
2003 07 1	6 1215:00	0.00	4,893.00	4,893.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000			nC.	0
2003 07 1	6 1215:01	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000		_		
2003 07 1	6 1215:01	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 OPEN TO FLOW TO RIG TANK. 38.10 mm BYPASS			iC ₅	0
2003 07 1	6 1230 00	0.00	143.00	143.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000				•
2003 07 1	6 1245:00	0.00	118.00	118.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000			nCs	0
2003 07 1	6 1300:00	0.00	113.00	113.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000			nCe	0
2003 07 1	6 1300:01	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		_	1105	
2003 07 1	6 1300:01	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 RIG UP TO SWAB.			nC ₇	0
2003 07 1	6 1335:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			-	-
2003 07 1	6 1335:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 SWAB #01: TAG @ SURFACE PULL @ 437 m(100 FRAC OL)			nCs	0
2003 07 1	6 1335:01	0.00	\$3.00	\$3.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			nC _o	0
2003 07 1	6 1350:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		_		
2003 07 1	6 1350:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 SWA8 #02: TAG @ 221 m PULL 647 m (100 % FRAC OIL TRACE GEL)			nC10	0
2003 07 1	6 1350:01	0.00	93.00	93.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.0000				0
2003 07 1	6 1410:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			He	0
2003 07 1	6 1410:00	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 SWAB #03: TAG @ 329 PULL 749 m (SNOTTY GEL WITH TRACES OF SUSPENDED SAM	DIN		Ar	0
2003 07 1	6 1410:01	0.00	\$3.00	\$3.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				-

Validation Save



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