retraft
solutions
a simple way to solve a problem

SCADA Business Tools

Quote

Contents

1 Cost estimate for implementation

Item	Description	Units	Value
	System Related		
1	**System Configuration**	0	$0.00
	Create Points and device configuration		
2	**System Screens**	0	$0.00
3	**Reports**	0	$0.00
	Turbine & Corrected, Daily Corrected, Communication, Leak Detection, Production Target, 3rd Party		
	Screens		
1	**Well Overview**	0	$0.00
	Well current and yesterday values	0	
2	**Well History**	0	$0.00
	Review the historical values for one selected well. Manually poll missing values. Email the list to an email address	0	
3	**Well Hourly Values**	0	$0.00
	Review the hourly historical values for one selected well. Email the list to an email address	0	
4	**Summary Historical Values**	0	$0.00
	Quick view on all the well and their daily values for one selected day	0	
5	**Well Details / tab**	0	$0.00
	Review notes, reminders, load created reports, map and other details	0	
6	**Well Plunger / tab**	0	$0.00
	Review plunger setpoint (read/write) ** one for each plunger type*	0	
7	**Well Timer / tab**	0	$0.00
	Review plunger setpoint (read/write) ** one for each timer type:*	0	
8	**Well PID / tab**	0	$0.00
	Review PID setpoint (read/write) ** one for each PID type:*	0	
9	**Well Shutdowns / tab**	0	$0.00

	Review the site shutdown setpoint (read/write) and logs	0	
10	**Well Point List / popup**	0	$0.00
	Current Value List of all the points for selected RTU/Meter(s)	0	
11	**Well AGA / popup**	0	$0.00
	Review AGA definition (read/write), Creates a report before and after the AGA write. ** one for each PID type:*	0	
12	**Well Wizard**	0	$0.00
	Help the SCADA users create Points and Device configuration	0	
13	**Reports**	0	$0.00
	Load reports (PDF, CSV) for a quick view. Email the selected one to an email address	0	
14	**Meter Summary & Details**	0	$0.00
	Quick view on all the well and a selected number of points and custom details, such as: location, codes, etc.	0	
15	**Communication Summary**	0	$0.00
	Quick view on all devices and their stats	0	
16	**Pipeline Summary**	0	$0.00
	Overview values for each pipeline (volume , pressure, rate)	0	
17	**ABB Totalflow Plunger Control**	0	$0.00
	Advanced Plunger Control for ABB Devices. Plunger settings wizard to help operators	0	
18	**Trends**	0	$0.00
	Well trends: 3 Hr, 48 Hr, 14 Days, 30 Days, 1 Year	0	
19	**Production Tools - Run Overview**	0	$0.00
	Pipeline Overview screen	0	
20	**Production Tools - Custom List/Trend/Report**	0	$0.00
	Tool to create a list of any desired points in the system to monitor, trend or create a report (CSV) for the selected values	0	
21	**Smart Navigation**	0	$0.00
	The systems records the screens where the user has navigate to and can allow him/her to go back and forth (same as a webpage navigation)	0	
22	**System Summary**	0	$0.00
	System details such as : Communication usage, Service running and usage, Alarm summary, Schedulers, Callouts, Users	0	

23	**System Summary - Add On : User Login**	0	$0.00
	User Login list for the System Summary screen	0	
24	**System Summary - Add On : Device Address**	0	$0.00
	Device address list for the System Summary screen with export to csv capabilities	0	
25	**System Summary - Add On : RTU Commands**	0	$0.00
	Device address list for the System Summary screen with export to csv capabilities	0	
	SCADA Added Functionality		
1	**Frac911(TM) - Fracking management system**	0	$0.00
	Frac scheduler, website, monitoring and alarming	0	
2	**ABB Totalflow Plunger Control - Add On**	0	$0.00
	Communication SCADA and ABB PAS to automatically adjust the plunger settings at predefined times (i.e. every 4 hr). Includes Totalflow Recommendations Management and Monthly report	0	
3	**Dynamic Map - Well Map**	0	$0.00
	Using Google like maps and web: overview map for all the well	0	
4	**Dynamic Map - Area Map**	0	$0.00
	Using Google like maps and web: each area will get a map ** need to get the Well Map*	0.00	
5	**Dynamic Map - Pipeline Map**	0	$0.00
	Using Google like maps and web: overview map for line pressure for each segment	0	
6	**Dynamic Map - RTU and Communication Map**	0	$0.00
	Using Google like maps and web: overview map for all devices and towers	0	
7	**Dynamic Map - Well Map**	0	$0.00
	Using a generic township grid: overview map for all the well	0	
8	**Pipeline Segment – Leak Monitoring**	0	$0.00
	Leak monitoring based on balancing hr/daily volumes		
9	**SCADAbyEmail(TM) - Read Only**	0	$0.00
	Communicate with SCADA by email (read only)	0	
10	**SCADAbyEmail(TM) - Read / Write**	0	$0.00

	Communicate with SCADA by email (read/write)	0	
11	**AGA Management**	0	$0.00
	Import / Export AGA composition from all sites	0	
12	**History Gap Detection**	0	$0.00
	Missing history detection (including gaps) and auto-backfill	0	

13	**Reports - EFM**	0	$0.00
	Create following reports: - Daily Production (Fieldview & PDF) - Meter Report before and after AGA update (PDF) - Monthly RTU: Alarm, Event (PDF) - Monthly Production: By Well (Fieldview & PDF), Totals (PDF)	0	
14	**Reports - Operation**	0	$0.00
	Create following reports: - Daily System Alarms (PDF) - Daily (AVG) Values (CSV) - Monthly & Yearly New Meter addition (PDF) ** need to get the EFM Reports*	0.00	
15	**Automatic Report Emailer**	0	$0.00
	Automatic daily emailer of reports to a list of email address. FTP uploads.	0.00	
16	**Condensate Gas Ratio**	0	$0.00
	Calculate daily well CGR. Includes reports: Daily per area and Monthly (PDF)	0	
17	**Notes - Well Notes Management**	0	$0.00
	RSS Feeds, Monthly report, Note on Trend view	0.00	
18	**Well Adaptive Alarming (for Gas meters)**	0	$0.00
	System to daily monitor production values and adjust the alarming on low flow based on predetermined limits	0.00	
19	**Well State Progress (for Plunger)**	0	$0.00
	Monitors the plunger state and give a approximate level of completion based on open / closed state	0.00	
20	**Well Scheduler**	0	$0.00
	Scheduler for well Start-up / Shut Down	0	
21	**Well Reminder**	0	$0.00
	Automatic Well reminder (by email) on new wells to Remove downhole recorder, Gas sampling (2), Calibrate liquids totalizer (2), etc.	0.00	
22	**Well Performance Index**	0	$0.00
	Performance Index for Line Pressure, Volume, Condy and Water (includes Trending)	0.00	
23	**Well Plunger Mileage, Lubricator and Bumper Spring**	0	$0.00

	Calculates Plunger Mileage, Lubricator and Bumper Spring and alarms on preset limit. Saves the operator notes and monthly report to PDF.	0.00	
24	**Quick Meter Pick**	0	$0.00
	Allows to navigate to wells by using LSD, UWI	0.00	
25	**Historian automatic backup**	0	$0.00
	Automatically creates a historian backup as Cygnet (version 8 and above) does not support this functionality. Set the historian for a quick disaster recovery	0.00	
26	**User Navigation Defaults**	0	$0.00
	Setup logic to provide users with a default navigation facility based on their operation area/run	0.00	
27	**Tree Navigation**	0	$0.00
	The screen(s) can have a Tree based navigation that will be easier for the user to work with then the regular drop down	0.00	
28	**Field Calendar**	0	$0.00
	If Notes, Reminders, Fracking etc are available, the screen will load the information in a calendar format for easier historical viewing	0.00	
29	**Work Order** for SCADA or Field	0	
	Manage field or SCADA Work Orders that come in from Operators and need to be distributed to service companies.	0.00	$0.00
	Total		**$0.00**

2 Commercial Contact

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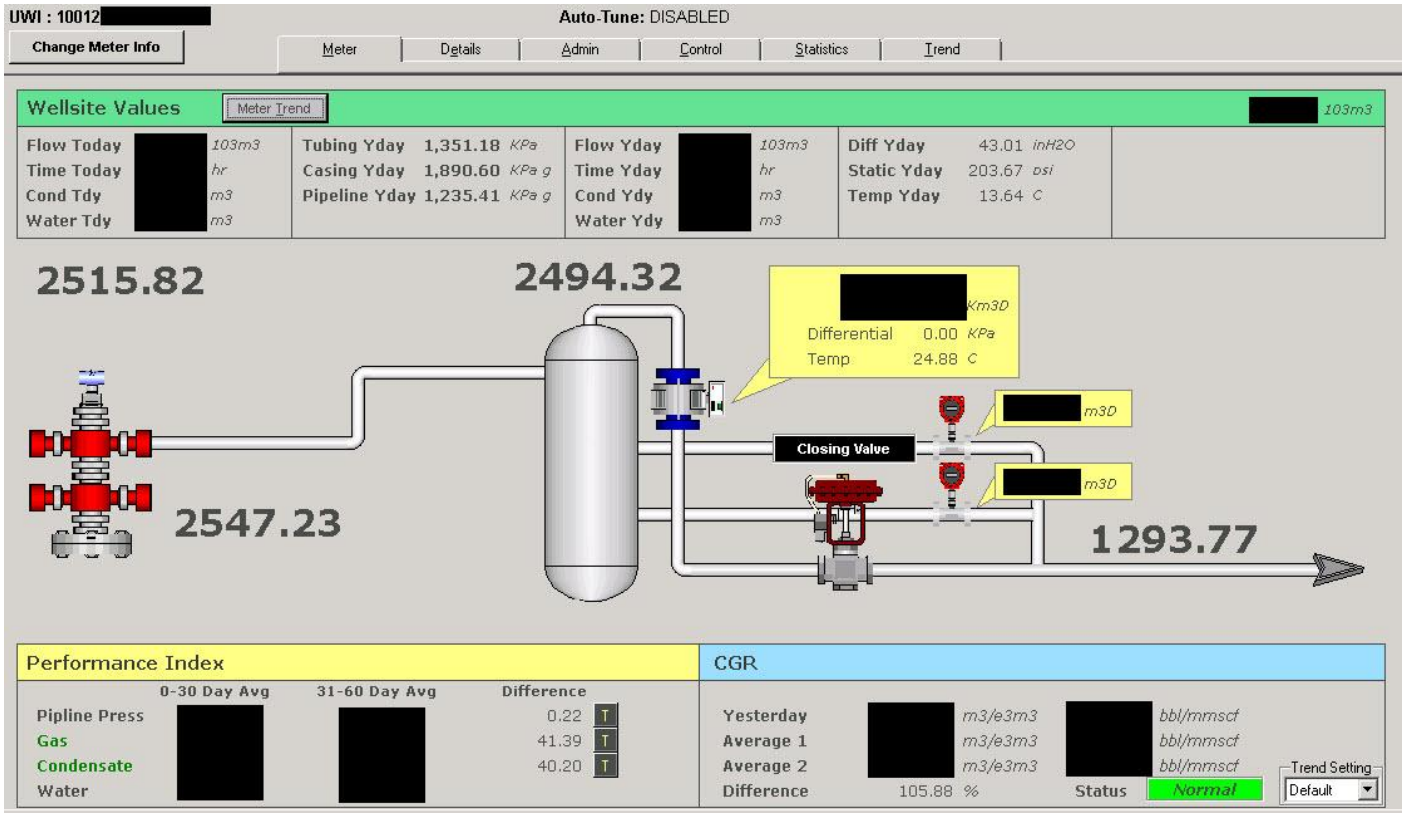
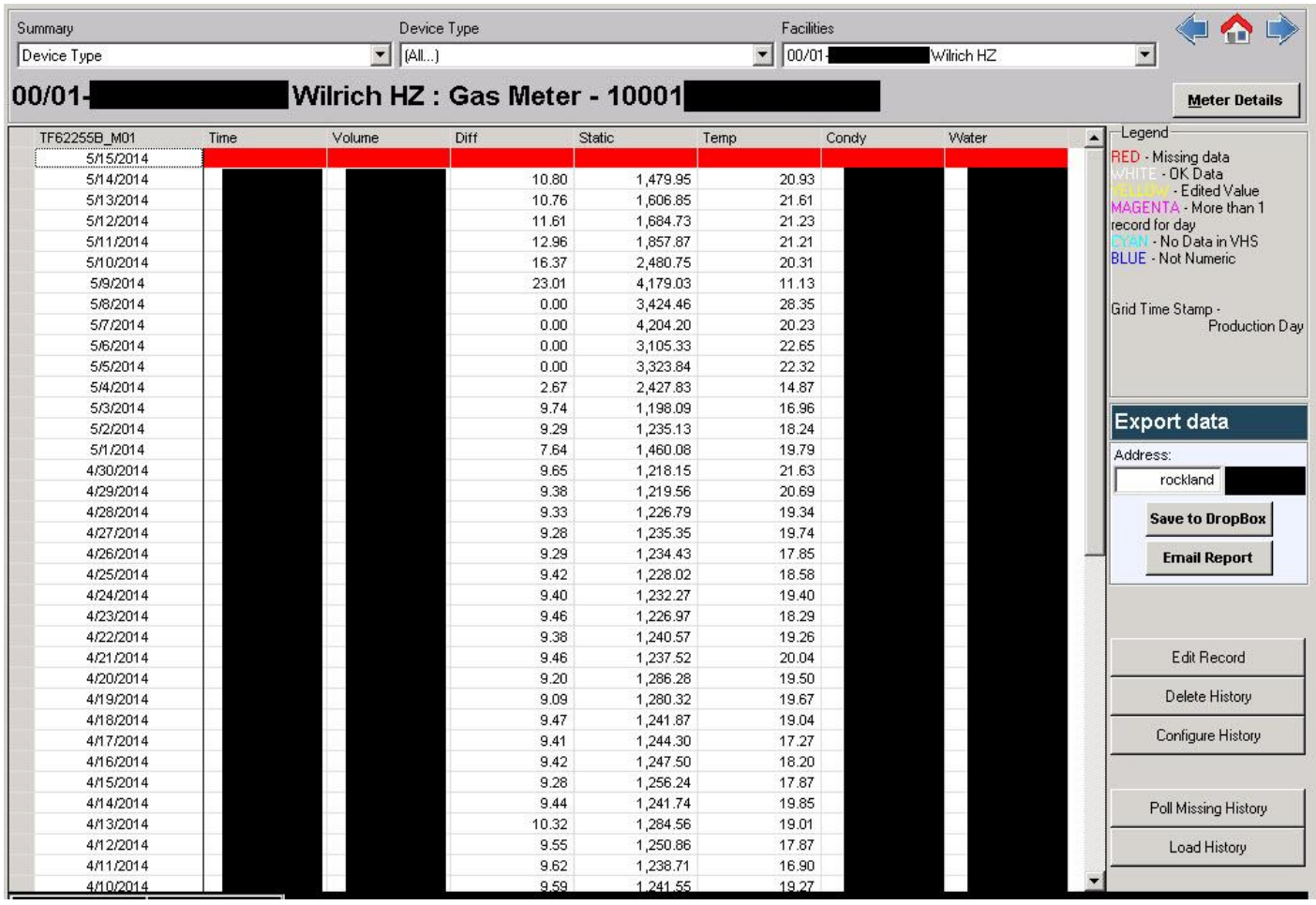
3 Appendix

Optional features are illustrated below to allow a better understanding of what they are.

1. Screens
    a. Well Overview

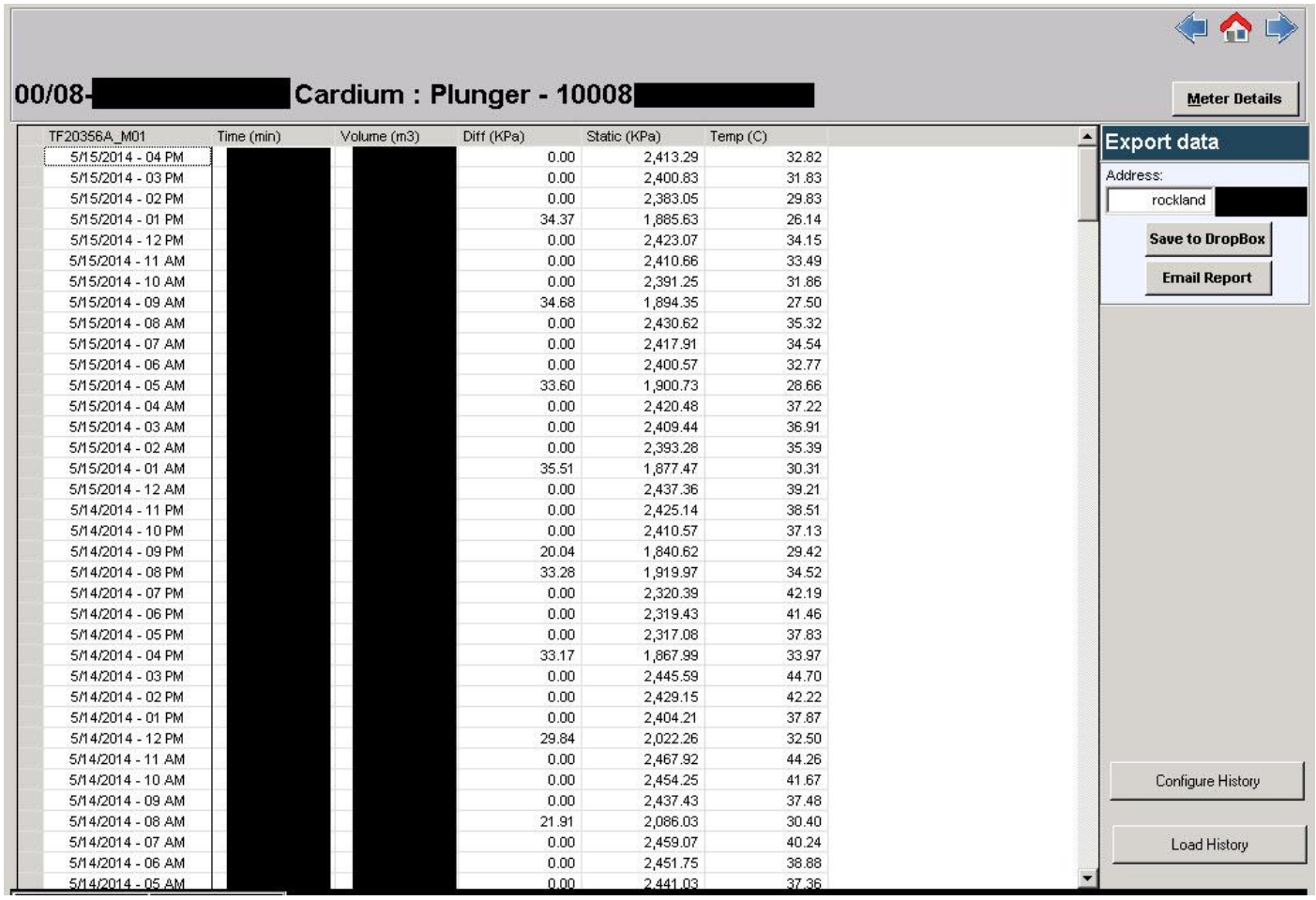


b. Well History



TF62255B_M01	Time	Volume	Diff	Static	Temp	Condy	Water
5/15/2014							
5/14/2014			10.80	1,479.95	20.93		
5/13/2014			10.76	1,606.85	21.61		
5/12/2014			11.61	1,684.73	21.23		
5/11/2014			12.96	1,857.87	21.21		
5/10/2014			16.37	2,480.75	20.31		
5/9/2014			23.01	4,179.03	11.13		
5/8/2014			0.00	3,424.46	28.35		
5/7/2014			0.00	4,204.20	20.23		
5/6/2014			0.00	3,105.33	22.65		
5/5/2014			0.00	3,323.84	22.32		
5/4/2014			2.67	2,427.83	14.87		
5/3/2014			9.74	1,198.09	16.96		
5/2/2014			9.29	1,235.13	18.24		
5/1/2014			7.64	1,460.08	19.79		
4/30/2014			9.65	1,218.15	21.63		
4/29/2014			9.38	1,219.56	20.69		
4/28/2014			9.33	1,226.79	19.34		
4/27/2014			9.28	1,235.35	19.74		
4/26/2014			9.29	1,234.43	17.85		
4/25/2014			9.42	1,228.02	18.58		
4/24/2014			9.40	1,232.27	19.40		
4/23/2014			9.46	1,226.97	18.29		
4/22/2014			9.38	1,240.57	19.26		
4/21/2014			9.46	1,237.52	20.04		
4/20/2014			9.20	1,286.28	19.50		
4/19/2014			9.09	1,280.32	19.67		
4/18/2014			9.47	1,241.87	19.04		
4/17/2014			9.41	1,244.30	17.27		
4/16/2014			9.42	1,247.50	18.20		
4/15/2014			9.28	1,256.24	17.87		
4/14/2014			9.44	1,241.74	19.85		
4/13/2014			10.32	1,284.56	19.01		
4/12/2014			9.55	1,250.86	17.87		
4/11/2014			9.62	1,238.71	16.90		
4/10/2014			9.59	1,241.55	19.27		

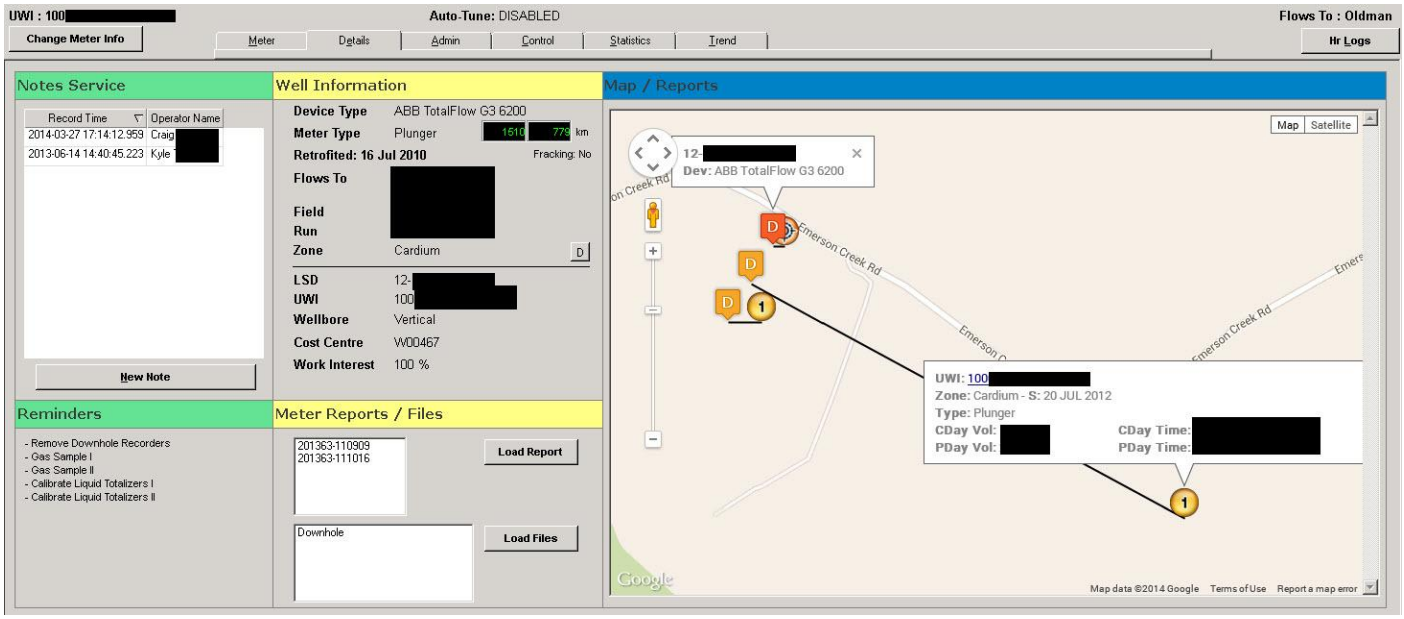
c. Well Hourly Values



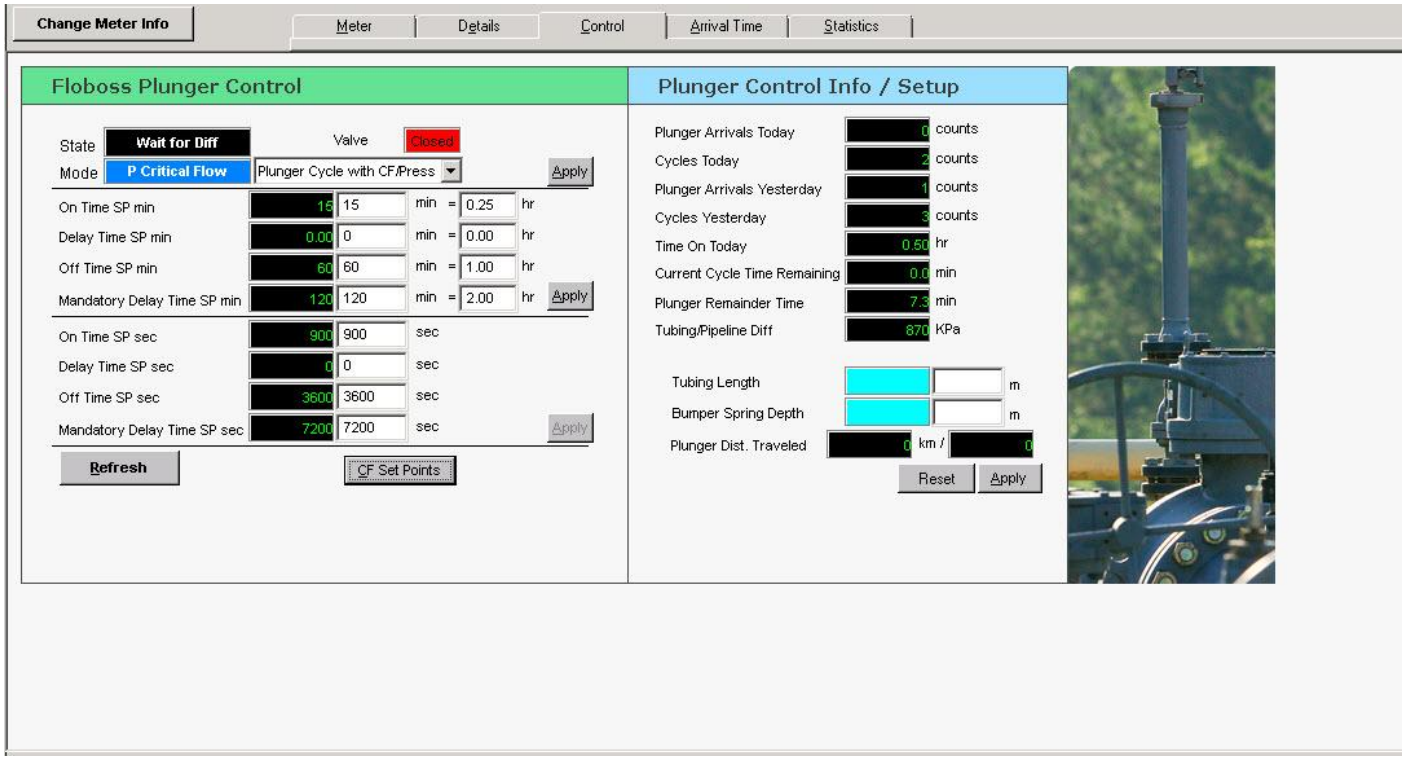
TF20356A_M01	Time (min)	Volume (m3)	Diff (KPa)	Static (KPa)	Temp (C)
5/15/2014 - 04 PM	[redacted]	[redacted]	0.00	2,413.29	32.82
5/15/2014 - 03 PM			0.00	2,400.83	31.83
5/15/2014 - 02 PM			0.00	2,383.05	29.83
5/15/2014 - 01 PM			34.37	1,885.63	26.14
5/15/2014 - 12 PM			0.00	2,423.07	34.15
5/15/2014 - 11 AM			0.00	2,410.66	33.49
5/15/2014 - 10 AM			0.00	2,391.25	31.86
5/15/2014 - 09 AM			34.68	1,894.35	27.50
5/15/2014 - 08 AM			0.00	2,430.62	35.32
5/15/2014 - 07 AM			0.00	2,417.91	34.54
5/15/2014 - 06 AM			0.00	2,400.57	32.77
5/15/2014 - 05 AM			33.60	1,900.73	28.66
5/15/2014 - 04 AM			0.00	2,420.48	37.22
5/15/2014 - 03 AM			0.00	2,409.44	36.91
5/15/2014 - 02 AM			0.00	2,393.28	35.39
5/15/2014 - 01 AM			35.51	1,877.47	30.31
5/15/2014 - 12 AM			0.00	2,437.36	39.21
5/14/2014 - 11 PM			0.00	2,425.14	38.51
5/14/2014 - 10 PM			0.00	2,410.57	37.13
5/14/2014 - 09 PM			20.04	1,840.62	29.42
5/14/2014 - 08 PM			33.28	1,919.97	34.52
5/14/2014 - 07 PM			0.00	2,320.39	42.19
5/14/2014 - 06 PM			0.00	2,319.43	41.46
5/14/2014 - 05 PM			0.00	2,317.08	37.83
5/14/2014 - 04 PM			33.17	1,867.99	33.97
5/14/2014 - 03 PM			0.00	2,445.59	44.70
5/14/2014 - 02 PM			0.00	2,429.15	42.22
5/14/2014 - 01 PM			0.00	2,404.21	37.87
5/14/2014 - 12 PM			29.84	2,022.26	32.50
5/14/2014 - 11 AM			0.00	2,467.92	44.26
5/14/2014 - 10 AM			0.00	2,454.25	41.67
5/14/2014 - 09 AM			0.00	2,437.43	37.48
5/14/2014 - 08 AM			21.91	2,086.03	30.40
5/14/2014 - 07 AM			0.00	2,459.07	40.24
5/14/2014 - 06 AM			0.00	2,451.75	38.88
5/14/2014 - 05 AM			0.00	2,441.03	37.36

d. Summary Historical Values

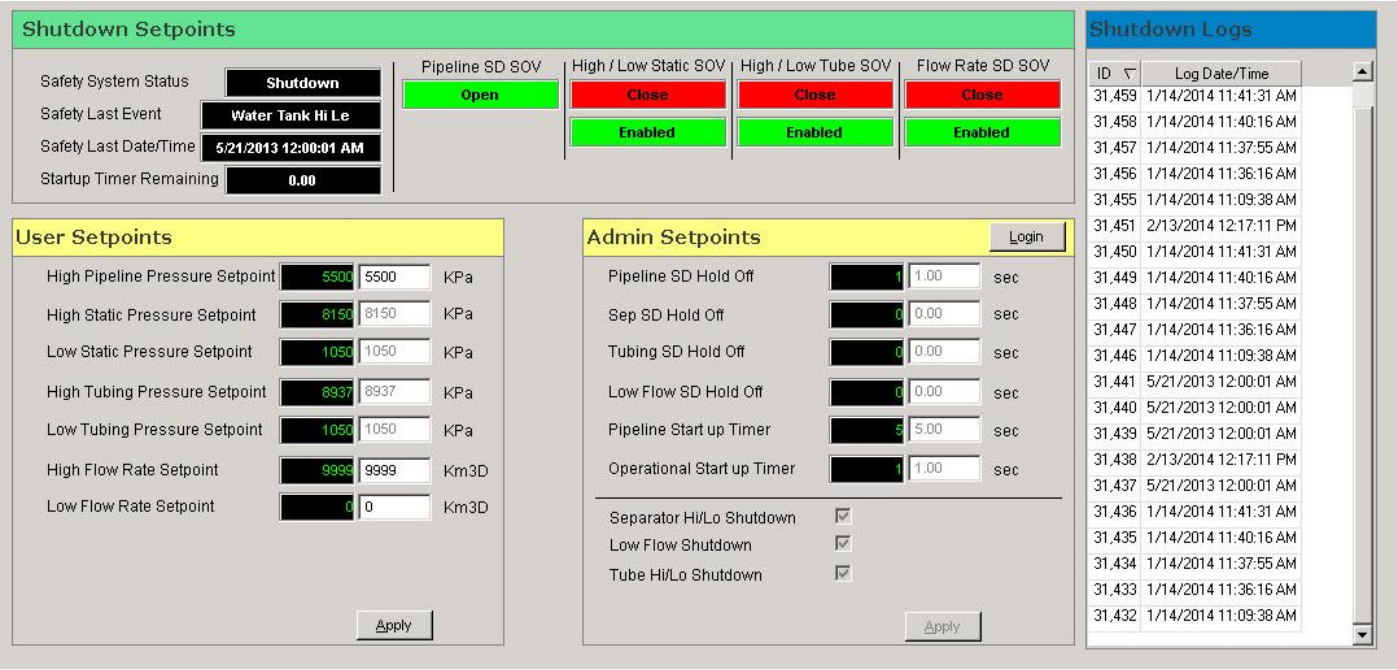
e. Well Details / Tab



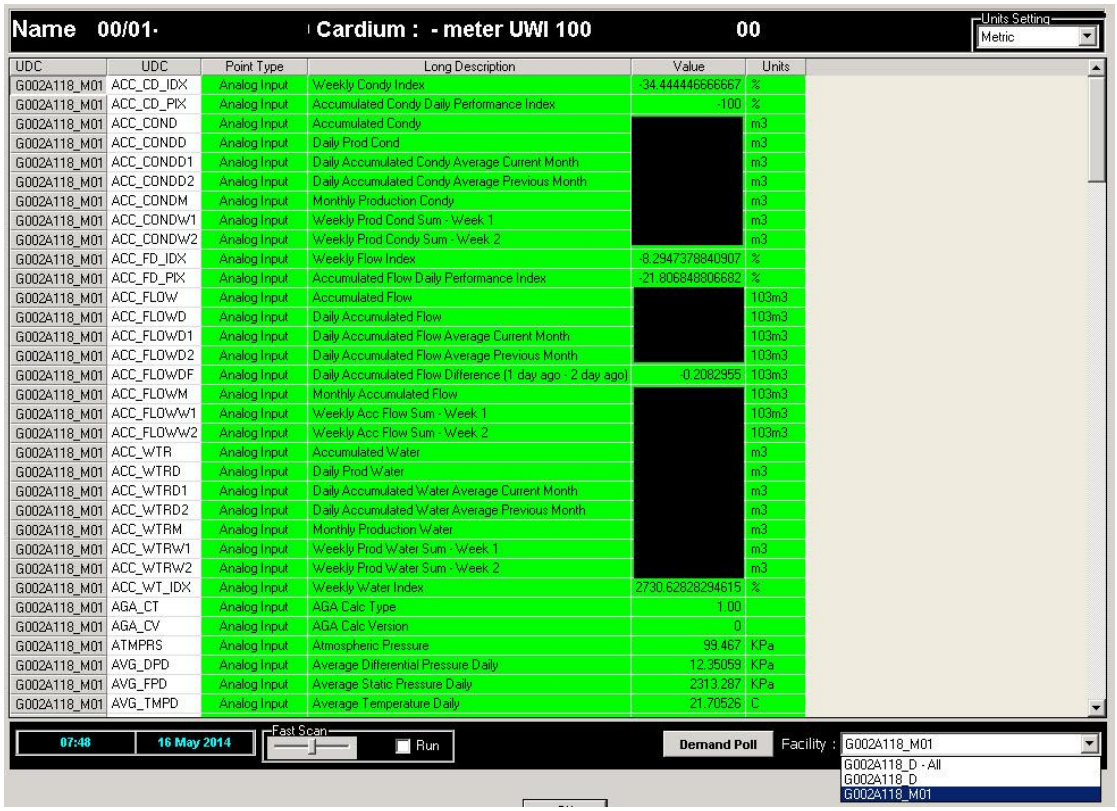
f. Well Plunger / Tab



g. Well Shutdown / Tab

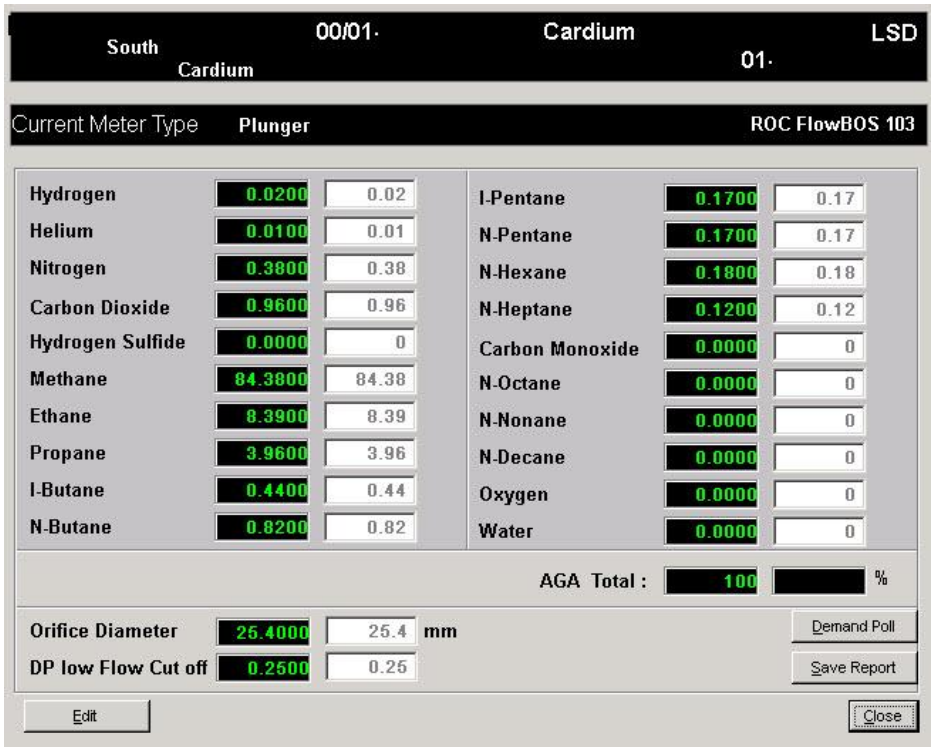


h. Well Point List / Popup

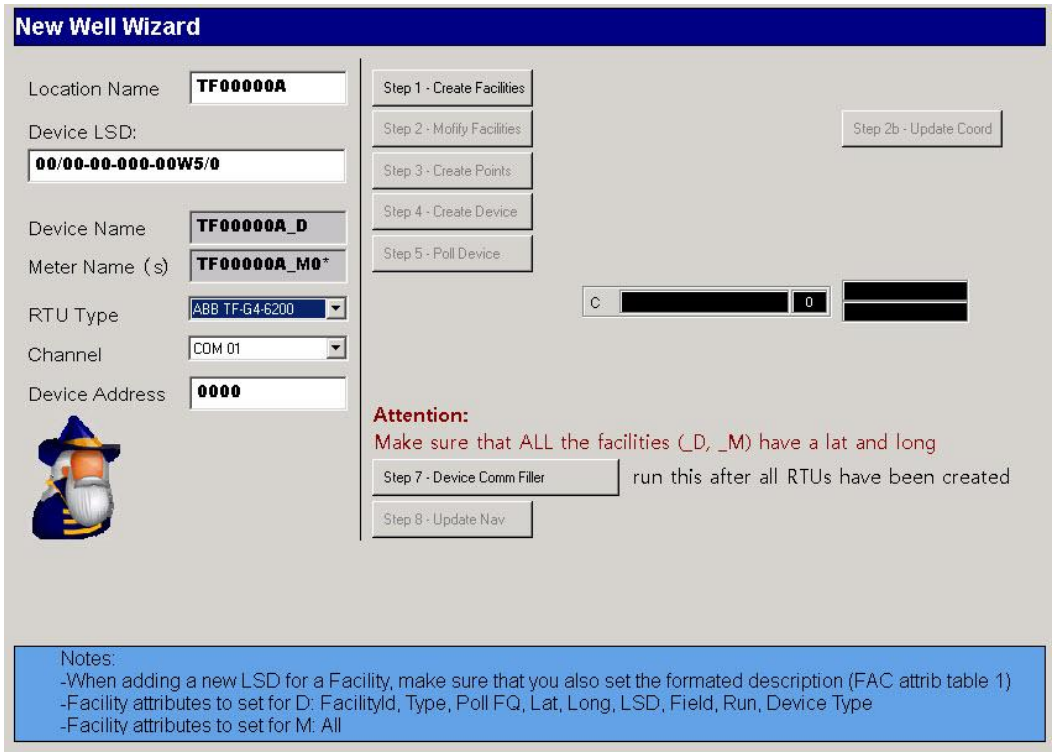


UDC	UDC	Point Type	Long Description	Value	Units
G002A118_M01	ACC_CD_IDX	Analog Input	Weekly Condy Index	-34.444446666667	%
G002A118_M01	ACC_CD_PIX	Analog Input	Accumulated Condy Daily Performance Index	-100	%
G002A118_M01	ACC_COND	Analog Input	Accumulated Condy		m3
G002A118_M01	ACC_CONDD	Analog Input	Daily Prod Cond		m3
G002A118_M01	ACC_CONDD1	Analog Input	Daily Accumulated Condy Average Current Month		m3
G002A118_M01	ACC_CONDD2	Analog Input	Daily Accumulated Condy Average Previous Month		m3
G002A118_M01	ACC_CONDM	Analog Input	Monthly Production Condy		m3
G002A118_M01	ACC_CONDW1	Analog Input	Weekly Prod Cond Sum - Week 1		m3
G002A118_M01	ACC_CONDW2	Analog Input	Weekly Prod Condy Sum - Week 2		m3
G002A118_M01	ACC_FD_IDX	Analog Input	Weekly Flow Index	-8.2947378840907	%
G002A118_M01	ACC_FD_PIX	Analog Input	Accumulated Flow Daily Performance Index	-21.806848806682	%
G002A118_M01	ACC_FLOW	Analog Input	Accumulated Flow		103m3
G002A118_M01	ACC_FLOWD	Analog Input	Daily Accumulated Flow		103m3
G002A118_M01	ACC_FLOWD1	Analog Input	Daily Accumulated Flow Average Current Month		103m3
G002A118_M01	ACC_FLOWD2	Analog Input	Daily Accumulated Flow Average Previous Month		103m3
G002A118_M01	ACC_FLOWDF	Analog Input	Daily Accumulated Flow Difference (1 day ago - 2 day ago)	-0.2082955	103m3
G002A118_M01	ACC_FLOWM	Analog Input	Monthly Accumulated Flow		103m3
G002A118_M01	ACC_FLOWW1	Analog Input	Weekly Acc Flow Sum - Week 1		103m3
G002A118_M01	ACC_FLOWW2	Analog Input	Weekly Acc Flow Sum - Week 2		103m3
G002A118_M01	ACC_WTR	Analog Input	Accumulated Water		m3
G002A118_M01	ACC_WTRD	Analog Input	Daily Prod Water		m3
G002A118_M01	ACC_WTRD1	Analog Input	Daily Accumulated Water Average Current Month		m3
G002A118_M01	ACC_WTRD2	Analog Input	Daily Accumulated Water Average Previous Month		m3
G002A118_M01	ACC_WTRM	Analog Input	Monthly Production Water		m3
G002A118_M01	ACC_WTRW1	Analog Input	Weekly Prod Water Sum - Week 1		m3
G002A118_M01	ACC_WTRW2	Analog Input	Weekly Prod Water Sum - Week 2		m3
G002A118_M01	ACC_WT_IDX	Analog Input	Weekly Water Index	2730.62828294615	%
G002A118_M01	AGA_CT	Analog Input	AGA Calc Type	1.00	
G002A118_M01	AGA_CV	Analog Input	AGA Calc Version	0	
G002A118_M01	ATMPRS	Analog Input	Atmospheric Pressure	99.467	KPa
G002A118_M01	AVG_DPD	Analog Input	Average Differential Pressure Daily	12.35059	KPa
G002A118_M01	AVG_FPD	Analog Input	Average Static Pressure Daily	2313.287	KPa
G002A118_M01	AVG_TMPD	Analog Input	Average Temperature Daily	21.70526	C

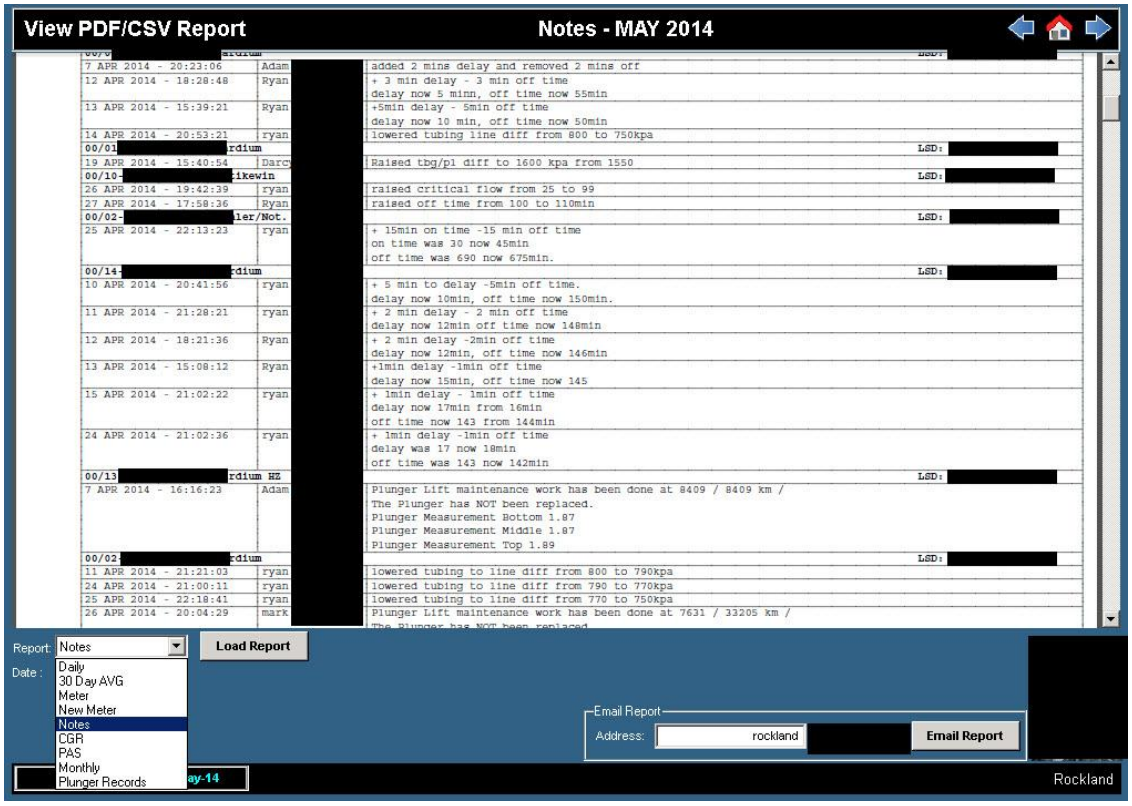
i. Well AGA / Popup



j. Well Wizard

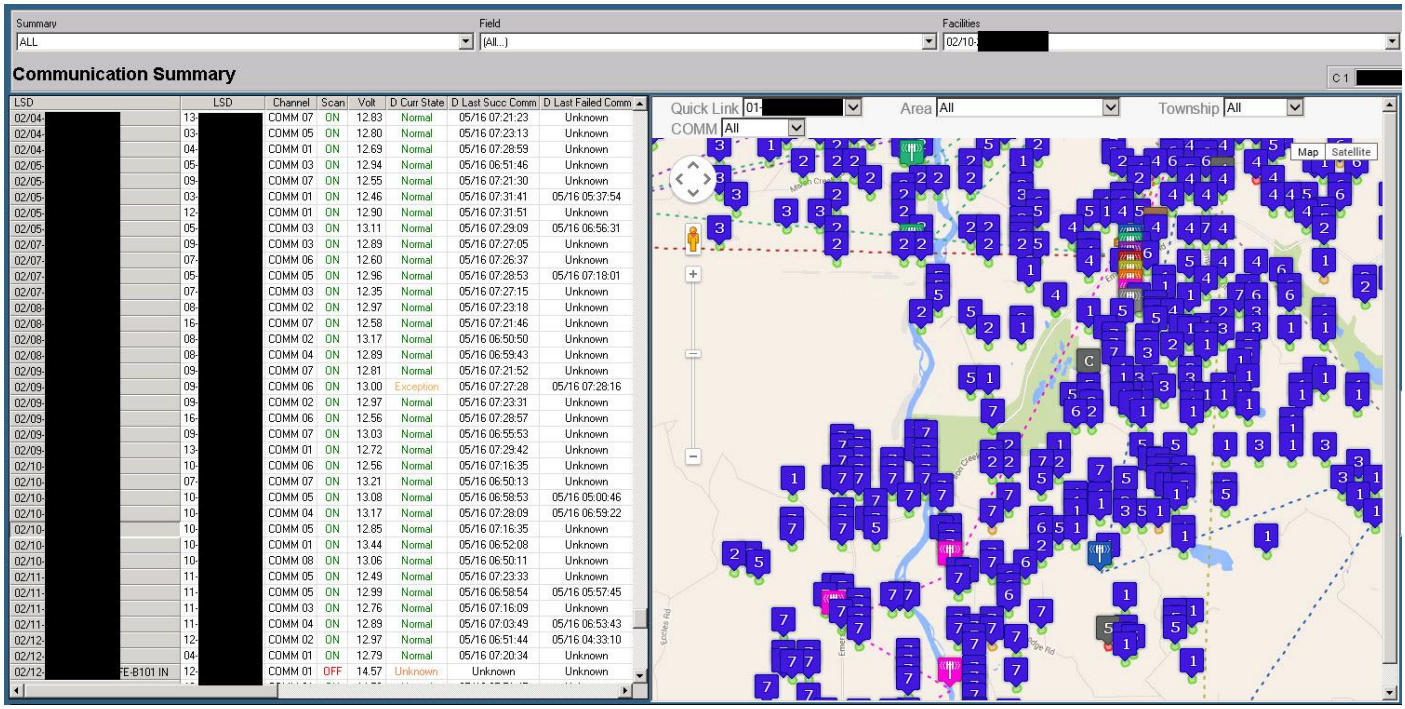

New Well Wizard
Location Name
TF00000A
Device LSD:
00/00-00-000-00W5/0
Device Name
TF00000A_D
Meter Name (s)
TF00000A_M0*
RTU Type
ABB TF-G4-6200
Channel
COM 01
Device Address
0000
Step 1 - Create Facilities
Step 2 - Mofify Facilities
Step 2b - Update Coord
Step 3 - Create Points
Step 4 - Create Device
Step 5 - Poll Device
C
0
Attention:
Make sure that ALL the facilities (_D, _M) have a lat and long
Step 7 - Device Comm Filler
run this after all RTUs have been created
Step 8 - Update Nav
Notes:
-When adding a new LSD for a Facility, make sure that you also set the formated description (FAC attrib table 1)
-Facility attributes to set for D: FacilityId, Type, Poll FQ, Lat, Long, LSD, Field, Run, Device Type
-Facility attributes to set for M: All

k. Reports



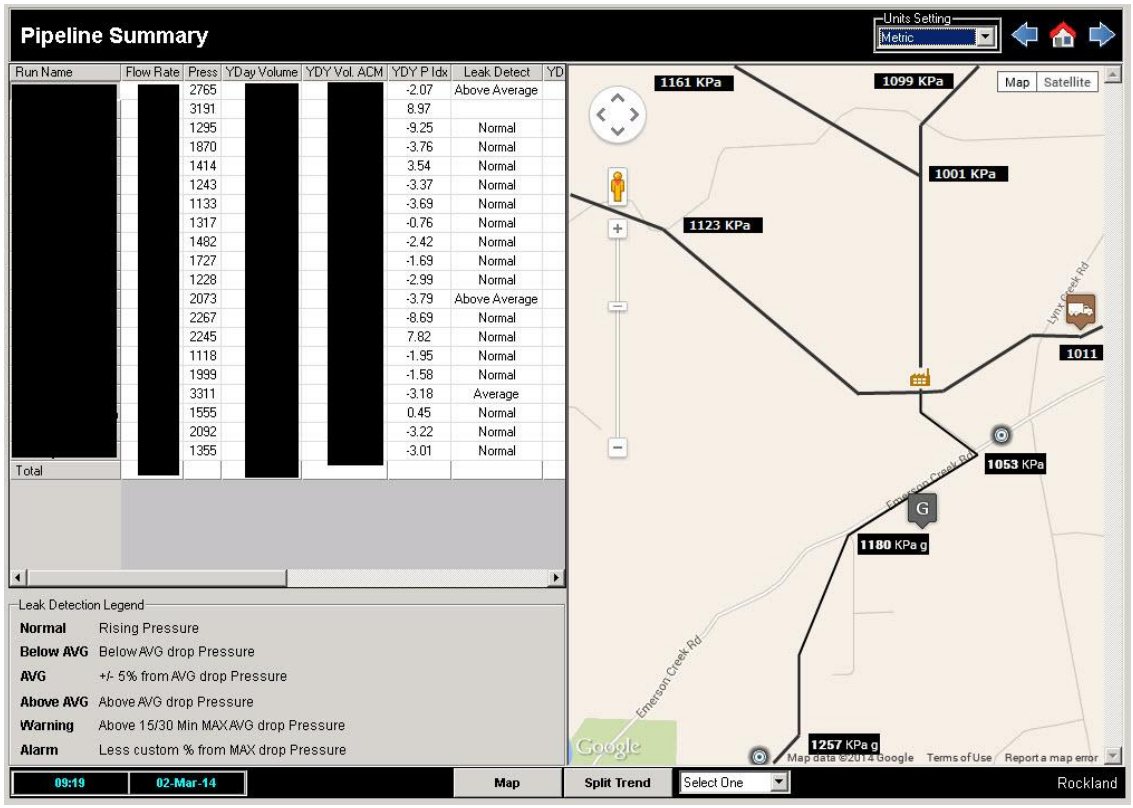
l. Meter Summary & Details

m. Communication Summary

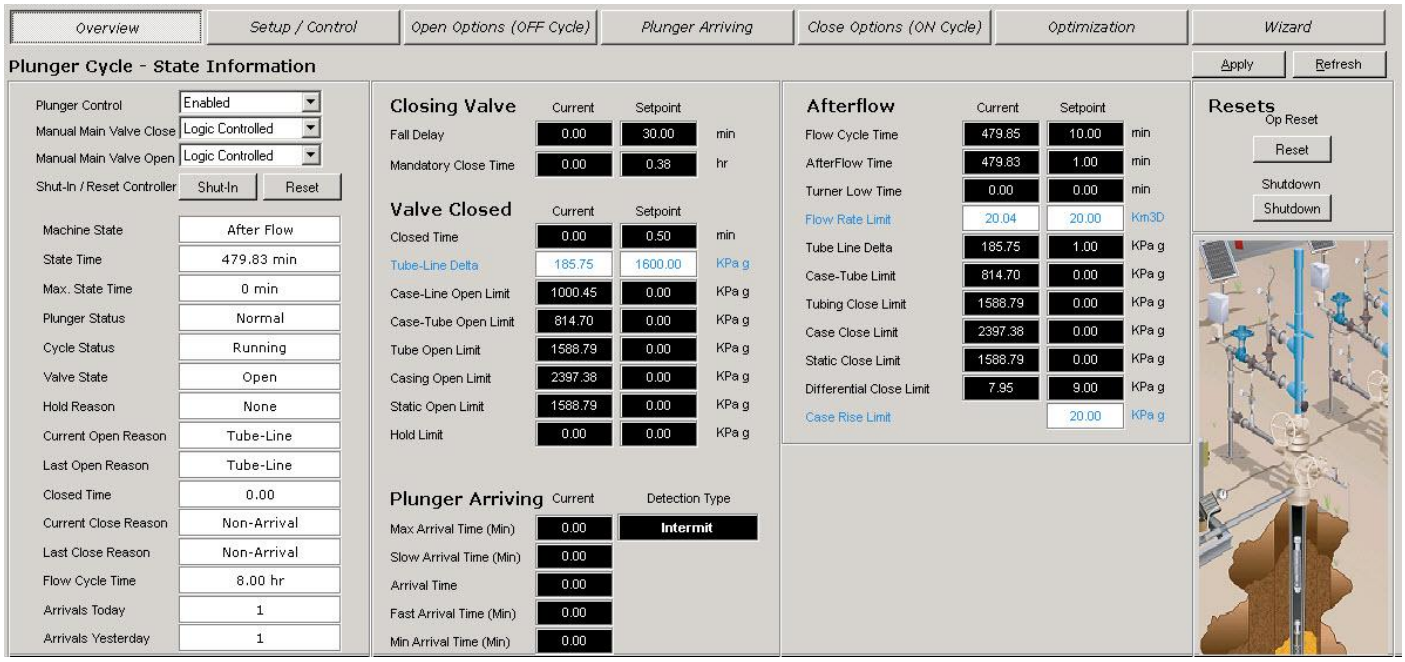


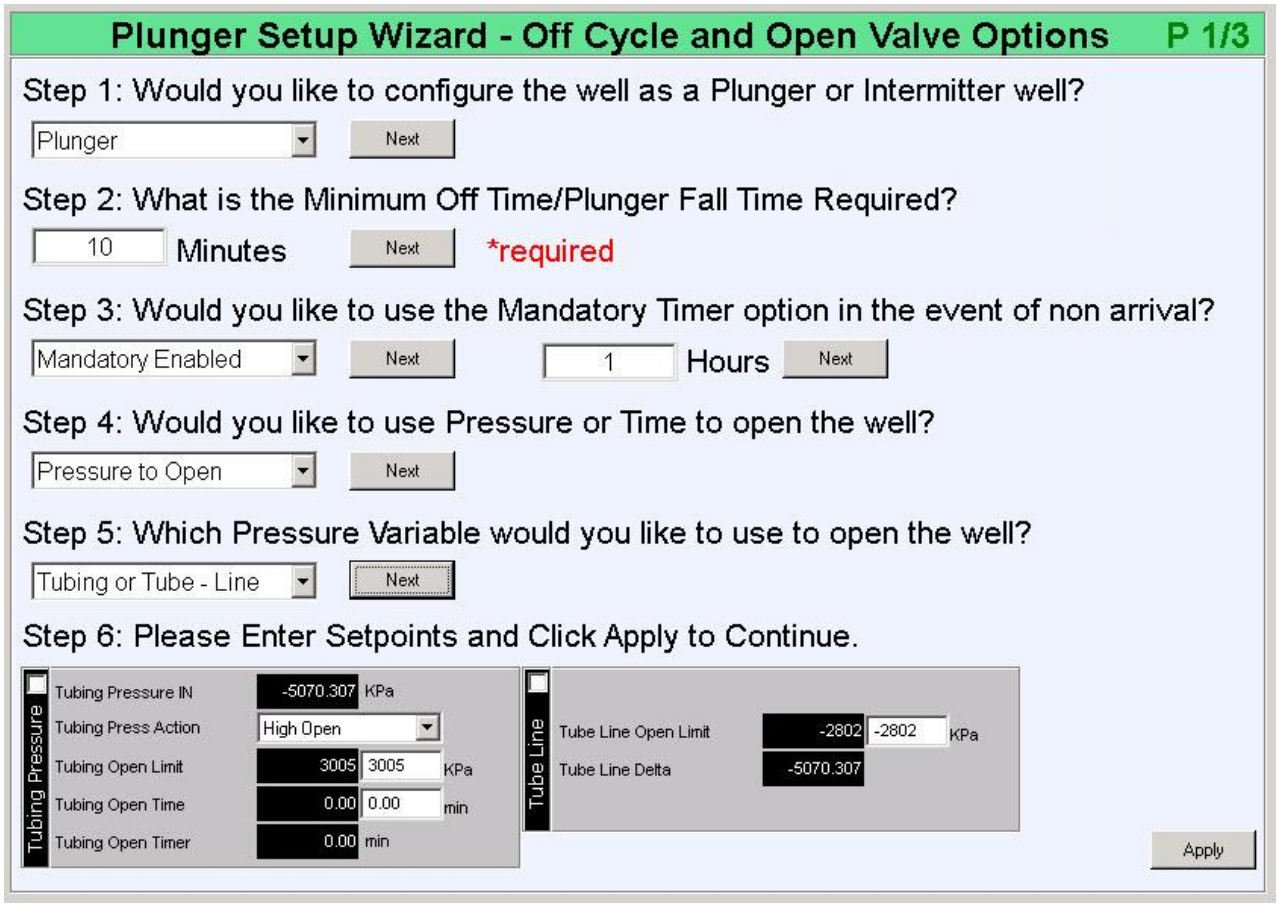
LSD	LSD	Channel	Scan	Volt	D Curr State	D Last Succ Comm	D Last Failed Comm
02/04-	13-	COMM 07	ON	12.83	Normal	05/16 07:21:23	Unknown
02/04-	03-	COMM 05	ON	12.80	Normal	05/16 07:23:13	Unknown
02/04-	04-	COMM 01	ON	12.69	Normal	05/16 07:28:59	Unknown
02/05-	05-	COMM 03	ON	12.94	Normal	05/16 06:51:46	Unknown
02/05-	09-	COMM 07	ON	12.55	Normal	05/16 07:21:30	Unknown
02/05-	03-	COMM 01	ON	12.46	Normal	05/16 07:31:41	05/16 05:37:54
02/05-	12-	COMM 01	ON	12.90	Normal	05/16 07:31:51	Unknown
02/05-	05-	COMM 03	ON	13.11	Normal	05/16 07:29:09	05/16 06:56:31
02/07-	09-	COMM 03	ON	12.89	Normal	05/16 07:27:05	Unknown
02/07-	07-	COMM 06	ON	12.60	Normal	05/16 07:26:37	Unknown
02/07-	05-	COMM 05	ON	12.96	Normal	05/16 07:28:53	05/16 07:18:01
02/07-	07-	COMM 03	ON	12.35	Normal	05/16 07:27:15	Unknown
02/08-	08-	COMM 02	ON	12.97	Normal	05/16 07:23:18	Unknown
02/08-	16-	COMM 07	ON	12.58	Normal	05/16 07:21:46	Unknown
02/08-	08-	COMM 02	ON	13.17	Normal	05/16 06:50:50	Unknown
02/08-	08-	COMM 04	ON	12.89	Normal	05/16 06:59:43	Unknown
02/09-	09-	COMM 07	ON	12.81	Normal	05/16 07:21:52	Unknown
02/09-	09-	COMM 06	ON	13.00	Exception	05/16 07:27:28	05/16 07:28:16
02/09-	09-	COMM 02	ON	12.97	Normal	05/16 07:23:31	Unknown
02/09-	16-	COMM 06	ON	12.56	Normal	05/16 07:28:57	Unknown
02/09-	09-	COMM 07	ON	13.03	Normal	05/16 06:55:53	Unknown
02/09-	13-	COMM 01	ON	12.72	Normal	05/16 07:29:42	Unknown
02/10-	10-	COMM 06	ON	12.56	Normal	05/16 07:16:35	Unknown
02/10-	07-	COMM 07	ON	13.21	Normal	05/16 06:50:13	Unknown
02/10-	10-	COMM 05	ON	13.08	Normal	05/16 06:58:53	05/16 05:00:46
02/10-	10-	COMM 04	ON	13.17	Normal	05/16 07:28:09	05/16 06:59:22
02/10-	10-	COMM 05	ON	12.85	Normal	05/16 07:16:35	Unknown
02/10-	10-	COMM 01	ON	13.44	Normal	05/16 06:52:08	Unknown
02/10-	10-	COMM 08	ON	13.06	Normal	05/16 06:50:11	Unknown
02/11-	11-	COMM 05	ON	12.49	Normal	05/16 07:23:33	Unknown
02/11-	11-	COMM 05	ON	12.99	Normal	05/16 06:58:54	05/16 05:57:45
02/11-	11-	COMM 03	ON	12.76	Normal	05/16 07:16:09	Unknown
02/11-	11-	COMM 04	ON	12.89	Normal	05/16 07:03:49	05/16 06:53:43
02/12-	12-	COMM 02	ON	12.97	Normal	05/16 06:51:44	05/16 04:33:10
02/12-	04-	COMM 01	ON	12.79	Normal	05/16 07:20:34	Unknown
02/12- FE-B101 IN	12-	COMM 01	OFF	14.57	Unknown	Unknown	Unknown

n. Pipeline Summary


Pipeline Summary
Units Setting
Metric
Run Name
Flow Rate
Press
YDay Volume
YDY Vol. ACM
YDY P Idx
Leak Detect
YD
2765 -2.07 Above Average
3191 8.97
1295 -9.25 Normal
1870 -3.76 Normal
1414 3.54 Normal
1243 -3.37 Normal
1133 -3.69 Normal
1317 -0.76 Normal
1482 -2.42 Normal
1727 -1.69 Normal
1228 -2.99 Normal
2073 -3.79 Above Average
2267 -8.69 Normal
2245 7.82 Normal
1118 -1.95 Normal
1999 -1.58 Normal
3311 -3.18 Average
1555 0.45 Normal
2092 -3.22 Normal
1355 -3.01 Normal
Total
Leak Detection Legend
Normal Rising Pressure
Below AVG Below AVG drop Pressure
AVG +/- 5% from AVG drop Pressure
Above AVG Above AVG drop Pressure
Warning Above 15/30 Min MAX AVG drop Pressure
Alarm Less custom % from MAX drop Pressure
09:19
02-Mar-14
Map
Split Trend
Select One
Rockland
1161 KPa
1099 KPa
1001 KPa
1123 KPa
1011
1053 KPa
1180 KPa g
1257 KPa g
Map
Satellite
Lynx Creek Rd
Emerson Creek Rd
Google
Map data ©2014 Google
Terms of Use
Report a map error

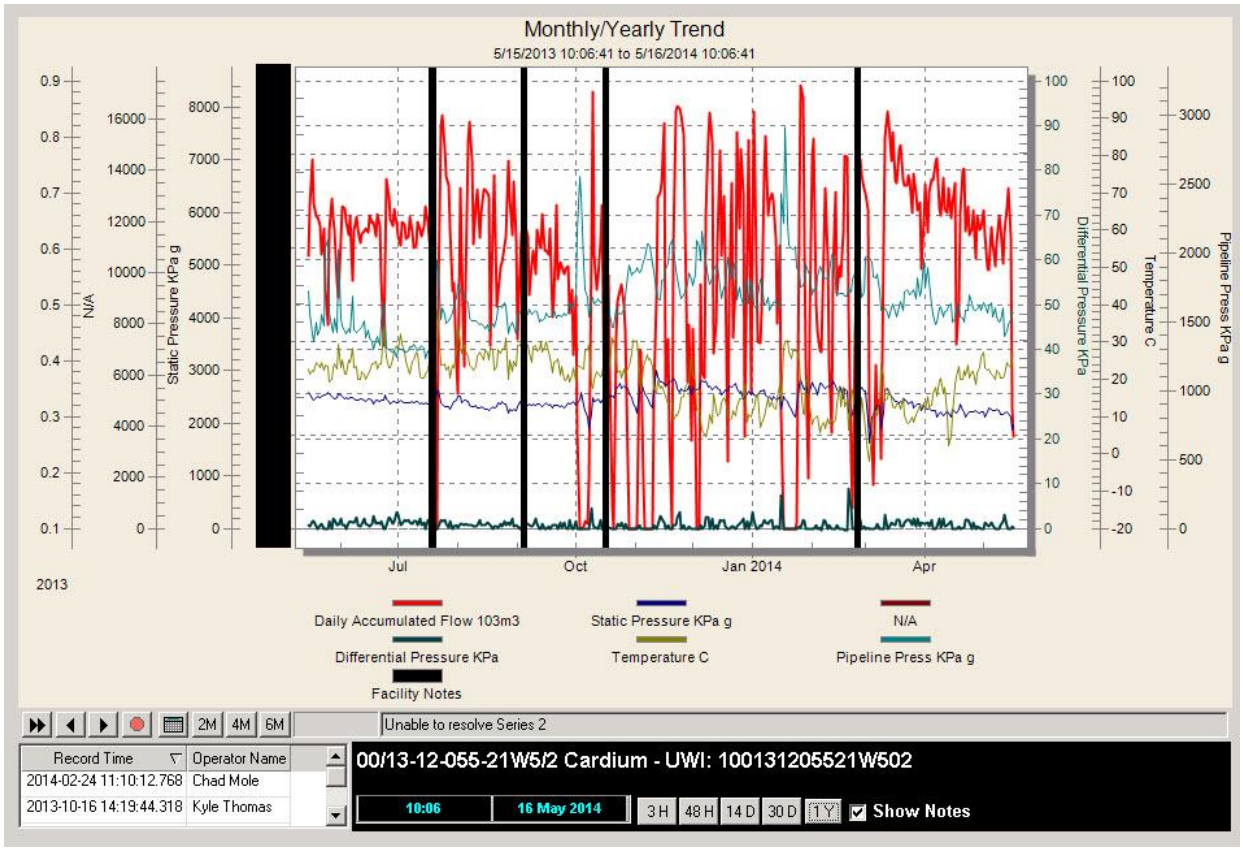
o. ABB TotalFlow Plunger Control



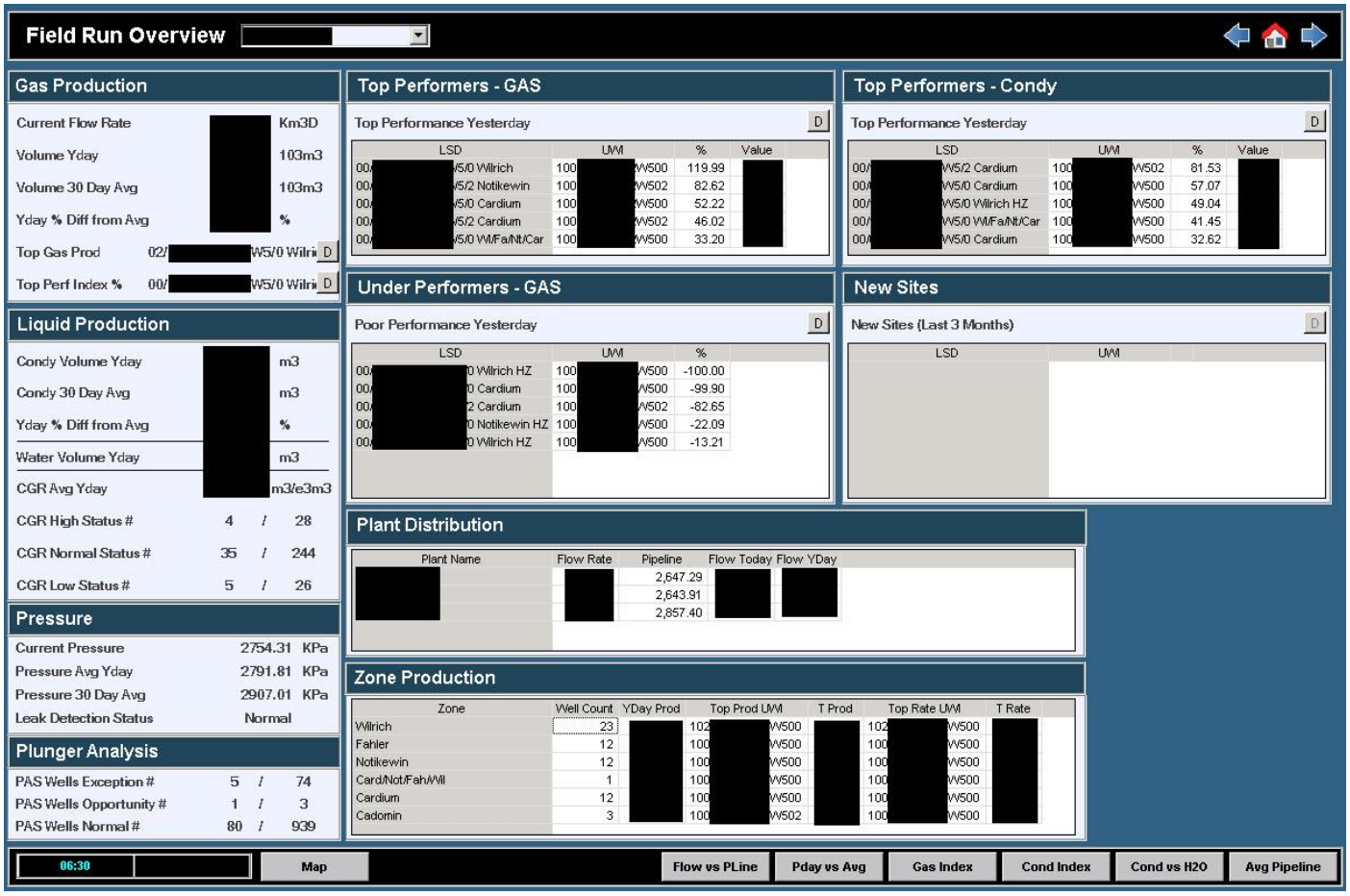

Plunger Setup Wizard - Off Cycle and Open Valve Options P 1/3
Step 1: Would you like to configure the well as a Plunger or Intermitter well?
Plunger
Next
Step 2: What is the Minimum Off Time/Plunger Fall Time Required?
10
Minutes
Next
*required
Step 3: Would you like to use the Mandatory Timer option in the event of non arrival?
Mandatory Enabled
Next
1
Hours
Next
Step 4: Would you like to use Pressure or Time to open the well?
Pressure to Open
Next
Step 5: Which Pressure Variable would you like to use to open the well?
Tubing or Tube - Line
Next
Step 6: Please Enter Setpoints and Click Apply to Continue.
Tubing Pressure
Tubing Pressure IN
-5070.307
KPa
Tubing Press Action
High Open
Tubing Open Limit
3005
3005
KPa
Tubing Open Time
0.00
0.00
min
Tubing Open Timer
0.00
min
Tube Line
Tube Line Open Limit
-2802
-2802
KPa
Tube Line Delta
-5070.307
Apply


Reset Plunger Counters
Reset
Status Arrival Time Velocity Run Volume Off Time On Time Plunger Open Tube Open Case Open Line Open Plunger Arrival Tube Arrv Case Arrv Line Arrv
Fast 14.38 505.90 0.24 0.83 14.90 16-May-14 01:32:44 2148.92 2456.69 1485.45 16-May-14 01:47:08 1713.12 2451.97 1486.23
Fast 15.20 478.72 0.25 0.83 15.72 16-May-14 01:16:10 2117.12 2462.99 1518.49 16-May-14 01:31:23 1741.51 2453.54 1511.41
Fast 14.70 495.01 0.23 0.83 15.22 16-May-14 01:00:06 2076.91 2462.99 1490.95 16-May-14 01:14:49 1681.93 2461.42 1493.31
Fast 14.65 496.69 0.24 0.83 15.17 16-May-14 00:44:05 2133.21 2458.27 1479.15 16-May-14 00:58:45 1691.45 2461.42 1477.58
Fast 15.10 481.89 0.24 0.83 15.62 16-May-14 00:27:36 2076.44 2462.99 1493.31 16-May-14 00:42:44 1689.59 2458.27 1489.38
Fast 14.78 492.21 0.24 0.83 15.30 16-May-14 00:11:27 2131.60 2456.69 1520.06 16-May-14 00:26:15 1687.81 2459.84 1512.98
Fast 14.75 493.33 0.24 0.83 15.27 15-May-14 23:55:20 2123.14 2462.99 1477.58 16-May-14 00:10:06 1709.01 2453.54 1473.64
Fast 14.90 488.36 0.24 0.83 15.42 15-May-14 23:39:04 2112.58 2466.14 1506.69 15-May-14 23:53:59 1692.97 2461.42 1482.30
Fast 14.82 491.11 0.23 0.83 15.33 15-May-14 23:22:53 2090.52 2462.99 1521.64 15-May-14 23:37:43 1694.14 2464.57 1516.13
Fast 13.97 521.00 0.22 0.83 14.48 15-May-14 23:07:33 2104.89 2462.99 1505.90 15-May-14 23:21:32 1699.17 2458.27 1504.33
Average 14.57 0.23 0.83 15.08 2111.53 2461.57 1499.92 1700.07 2458.42 1494.72
Plunger / Cycle Information
Flow Time Today %
Flow Time Yesterday %
Closed Time Today %
Closed Time Yesterday %
Closed Today Total min hr
Plunger Arrival Today 67 counts
Plunger Arrival Yesterday 91 counts
Plunger Dist. Traveled 1220 km / 26105
Reset
Normal Count 2093
Consec. Normal Arrivals 0 counts
Fast Count 4179 counts
Late Count 733 counts
Slow Count 457 counts
Cycle Status Running
Total Cycles 2626
When Open
Average Tube Line 548.67 KPa g
Average Case Line 986.49 KPa g
Average Case Tube 437.82 KPa g
Foss Gaul 2872.25 KPa g
Load Ratio 44.53 %
Tube Press 2061.39 KPa g
Case Press 2499.21 KPa g
Static Press 1512.72 KPa g
When Close
Tube Low 1629.00 KPa g
Casing Low 2375.75 KPa g
Coleman Flow Rate 13.19 Km3D
Turner Flow Rate 15.83 Km3D
Average Load Ratio 76.47 %
Average Tube 1749.42 KPa g
Average Case 2502.89 KPa g
Static Low 1517.44 KPa g

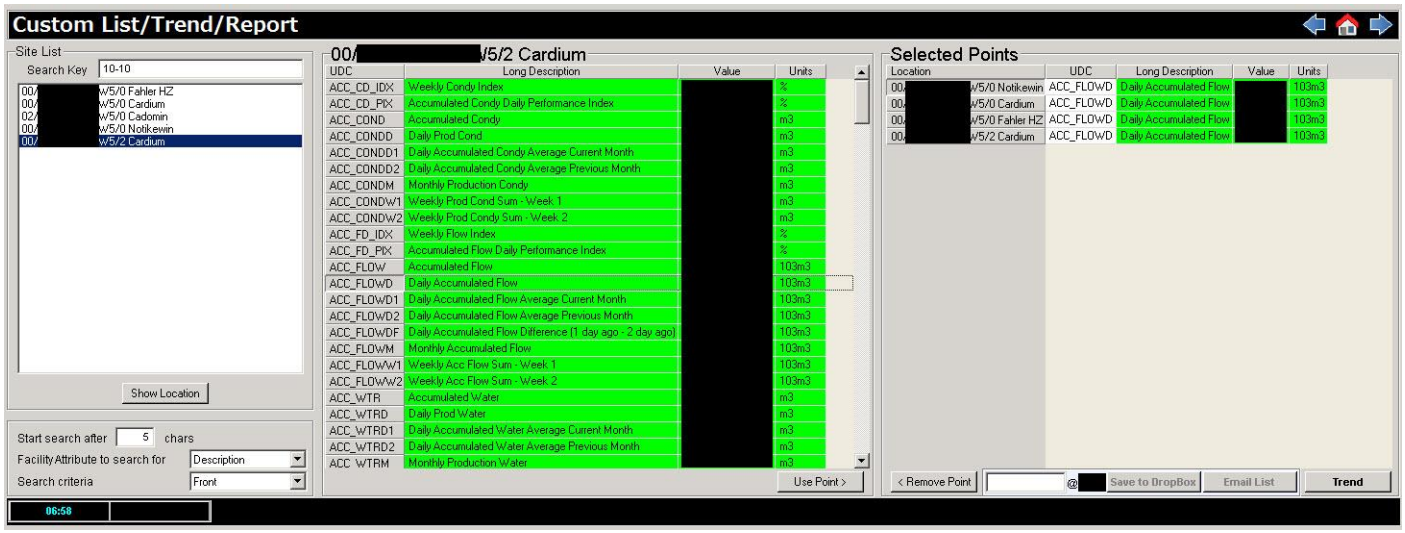
p. Trends


Monthly/Yearly Trend
5/15/2013 10:06:41 to 5/16/2014 10:06:41
N/A
Static Pressure KPa g
Differential Pressure KPa
Temperature C
Pipeline Press KPa g
Jul
Oct
Jan 2014
Apr
2013
Daily Accumulated Flow 103m3
Static Pressure KPa g
N/A
Differential Pressure KPa
Temperature C
Pipeline Press KPa g
Facility Notes
2M
4M
6M
Unable to resolve Series 2
Record Time
Operator Name
2014-02-24 11:10:12.768
Chad Mole
2013-10-16 14:19:44.318
Kyle Thomas
00/13-12-055-21W5/2 Cardium - UWI: 100131205521W502
10:06
16 May 2014
3 H
48 H
14 D
30 D
1 Y
Show Notes

q. Production Tools – Run Overview

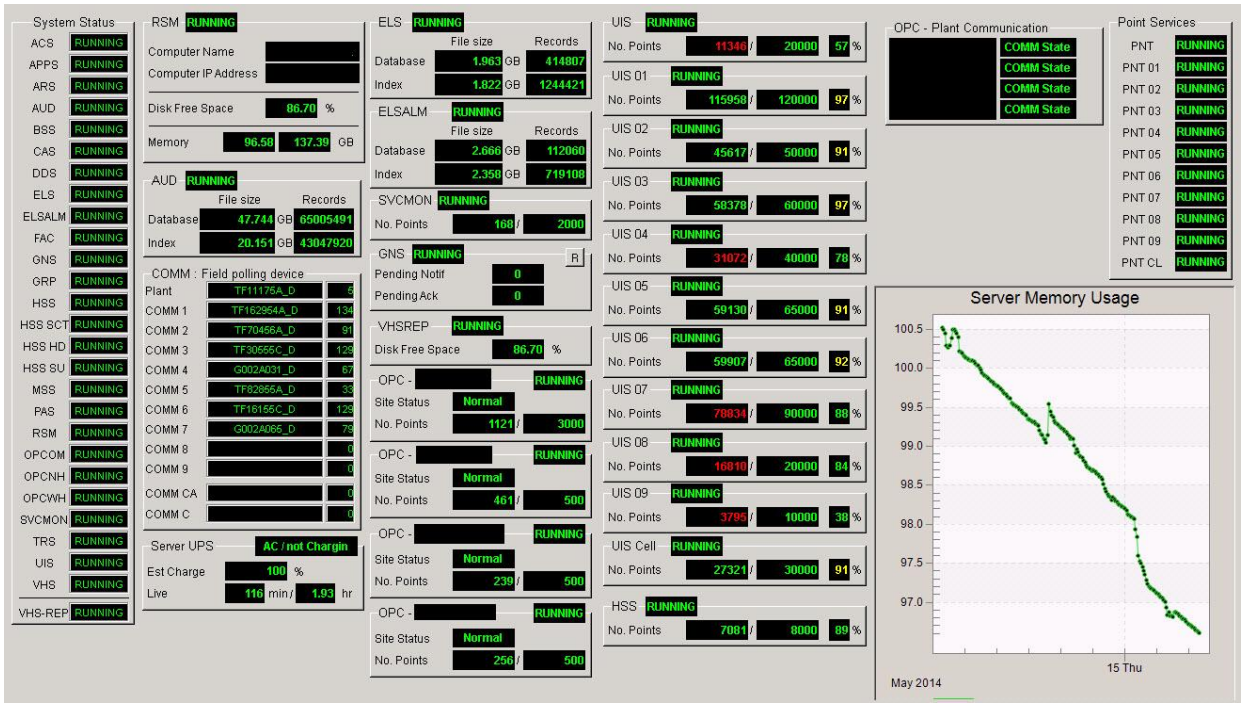


r. Production Tools – Custom List / Trend / Report

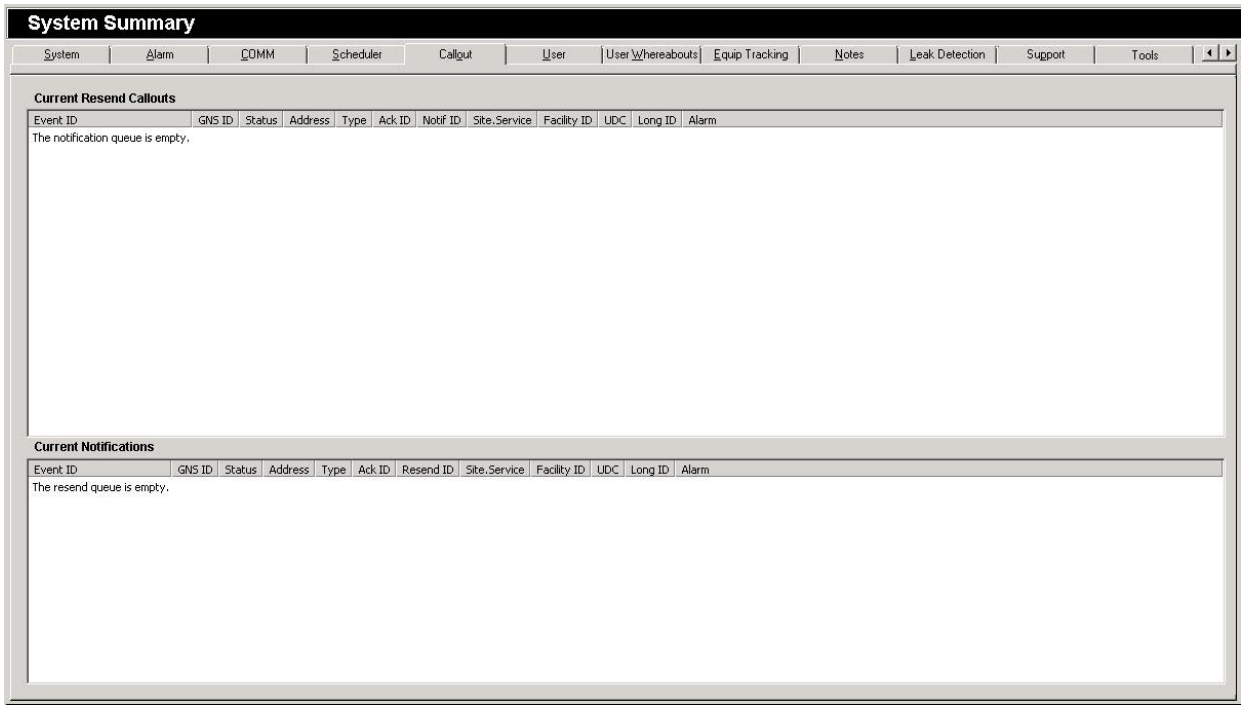


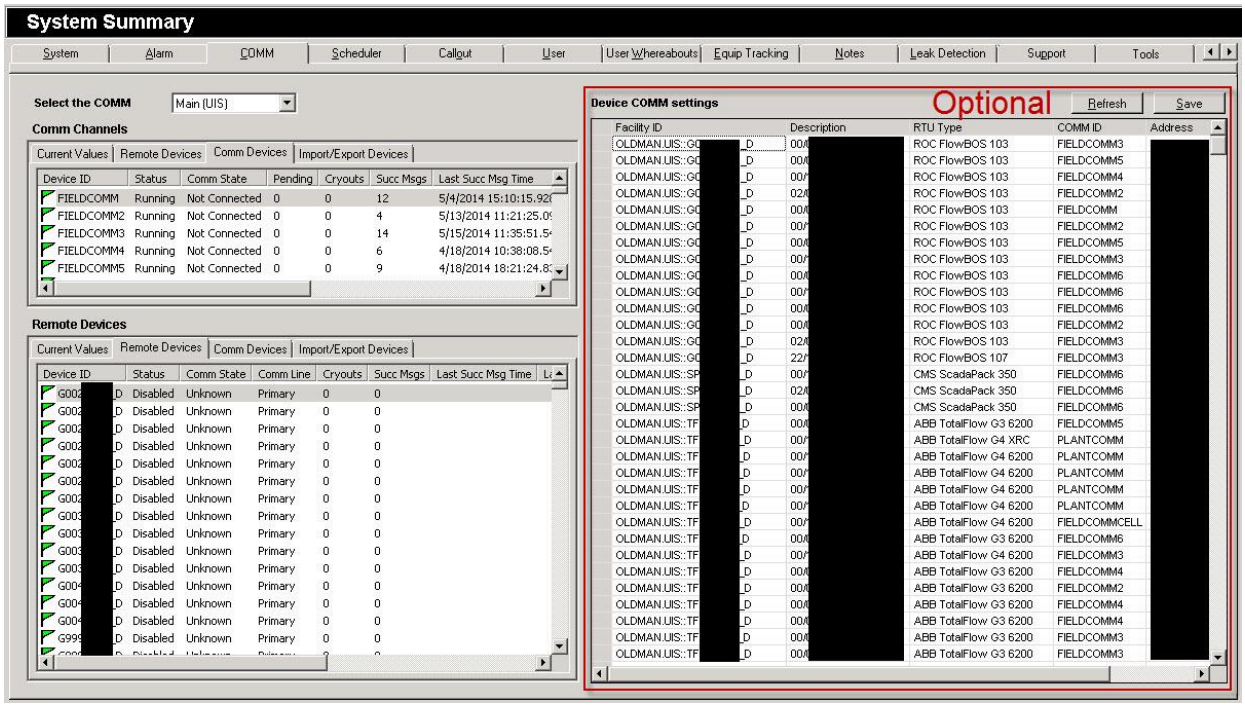
s. Smart Navigation

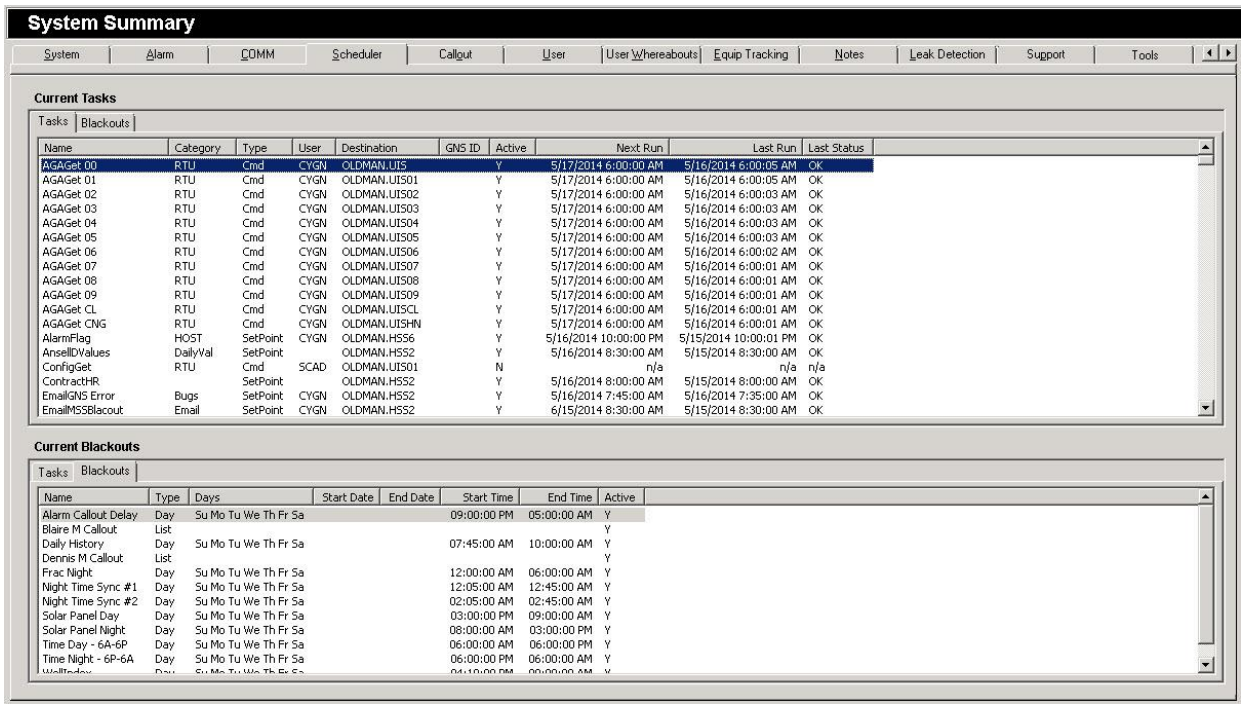
t. System Summary

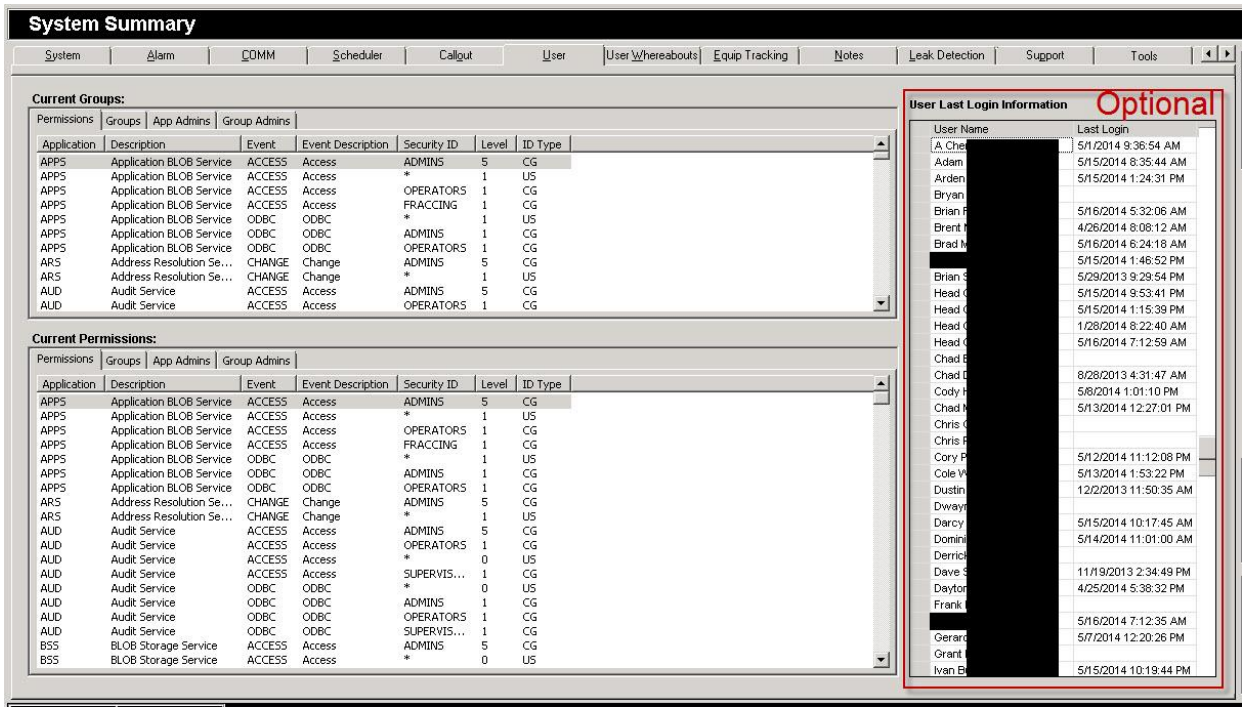



System Summary
System
Alarm
COMM
Scheduler
Callout
User
User Whereabouts
Equip Tracking
Notes
Leak Detection
Support
Tools
Timestamp
Alarm Priority
UWI
LSD
Field
Run
Description
P Value
P Units
A Value
A Units
Tag Name

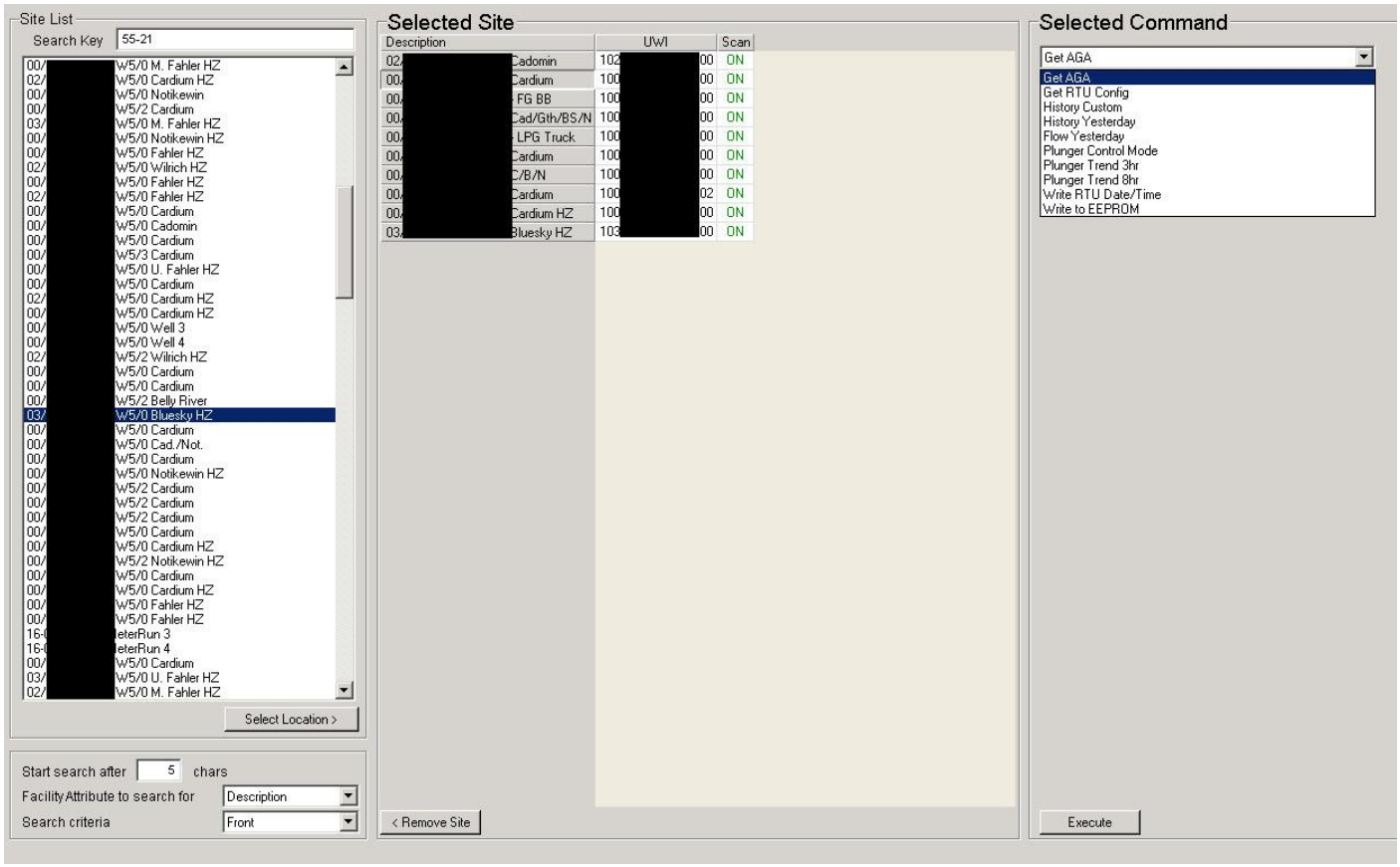

System Summary
System
Alarm
COMM
Scheduler
Callout
User
User Whereabouts
Equip Tracking
Notes
Leak Detection
Support
Tools
Current Resend Callouts
Event ID
GNS ID
Status
Address
Type
Ack ID
Notif ID
Site.Service
Facility ID
UDC
Long ID
Alarm
The notification queue is empty.
Current Notifications
Event ID
GNS ID
Status
Address
Type
Ack ID
Resend ID
Site.Service
Facility ID
UDC
Long ID
Alarm
The resend queue is empty.


System Summary
System
Alarm
COMM
Scheduler
Callout
User
User Whereabouts
Equip Tracking
Notes
Leak Detection
Support
Tools
Select the COMM
Main (UIS)
Comm Channels
Current Values
Remote Devices
Comm Devices
Import/Export Devices
Device ID
Status
Comm State
Pending
Cryouts
Succ Msgs
Last Succ Msg Time
FIELDCOMM Running Not Connected 0 0 12 5/4/2014 15:10:15.92
FIELDCOMM2 Running Not Connected 0 0 4 5/13/2014 11:21:25.0
FIELDCOMM3 Running Not Connected 0 0 14 5/15/2014 11:35:51.5
FIELDCOMM4 Running Not Connected 0 0 6 4/18/2014 10:38:08.5
FIELDCOMM5 Running Not Connected 0 0 9 4/18/2014 18:21:24.8
Remote Devices
Comm Line
Disabled Unknown Primary 0 0
Device COMM settings
Optional
Refresh
Save
Facility ID
Description
RTU Type
COMM ID
Address
ROC FlowBOS 103 FIELDCOMM3
ROC FlowBOS 103 FIELDCOMM5
ROC FlowBOS 103 FIELDCOMM4
ROC FlowBOS 103 FIELDCOMM2
ROC FlowBOS 103 FIELDCOMM
ROC FlowBOS 103 FIELDCOMM2
ROC FlowBOS 103 FIELDCOMM5
ROC FlowBOS 103 FIELDCOMM3
ROC FlowBOS 103 FIELDCOMM6
ROC FlowBOS 103 FIELDCOMM6
ROC FlowBOS 103 FIELDCOMM6
ROC FlowBOS 103 FIELDCOMM2
ROC FlowBOS 103 FIELDCOMM3
ROC FlowBOS 107 FIELDCOMM3
CMS ScadaPack 350 FIELDCOMM6
CMS ScadaPack 350 FIELDCOMM6
CMS ScadaPack 350 FIELDCOMM6
ABB TotalFlow G3 6200 FIELDCOMM5
ABB TotalFlow G4 XRC PLANTCOMM
ABB TotalFlow G4 6200 PLANTCOMM
ABB TotalFlow G4 6200 PLANTCOMM
ABB TotalFlow G4 6200 PLANTCOMM
ABB TotalFlow G4 6200 PLANTCOMM
ABB TotalFlow G4 6200 FIELDCOMMCELL
ABB TotalFlow G3 6200 FIELDCOMM6
ABB TotalFlow G4 6200 FIELDCOMM3
ABB TotalFlow G3 6200 FIELDCOMM4
ABB TotalFlow G3 6200 FIELDCOMM2
ABB TotalFlow G3 6200 FIELDCOMM4
ABB TotalFlow G3 6200 FIELDCOMM4
ABB TotalFlow G3 6200 FIELDCOMM3
ABB TotalFlow G3 6200 FIELDCOMM3

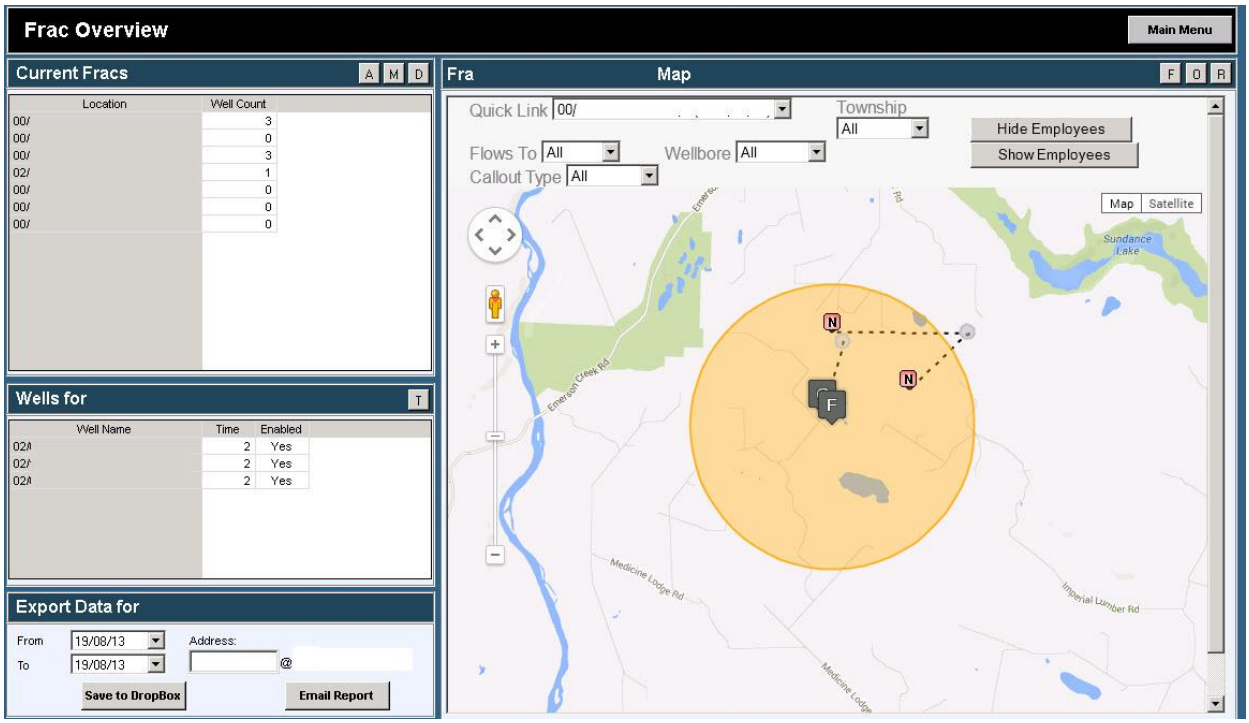

System Summary
System
Alarm
COMM
Scheduler
Callout
User
User Whereabouts
Equip Tracking
Notes
Leak Detection
Support
Tools
Current Tasks
Tasks
Blackouts
Name
Category
Type
User
Destination
GNS ID
Active
Next Run
Last Run
Last Status
AGAGet 00 RTU Cmd CYGN OLDMAN.UIS Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:05 AM OK
AGAGet 01 RTU Cmd CYGN OLDMAN.UIS01 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:05 AM OK
AGAGet 02 RTU Cmd CYGN OLDMAN.UIS02 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:03 AM OK
AGAGet 03 RTU Cmd CYGN OLDMAN.UIS03 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:03 AM OK
AGAGet 04 RTU Cmd CYGN OLDMAN.UIS04 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:03 AM OK
AGAGet 05 RTU Cmd CYGN OLDMAN.UIS05 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:03 AM OK
AGAGet 06 RTU Cmd CYGN OLDMAN.UIS06 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:02 AM OK
AGAGet 07 RTU Cmd CYGN OLDMAN.UIS07 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:01 AM OK
AGAGet 08 RTU Cmd CYGN OLDMAN.UIS08 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:01 AM OK
AGAGet 09 RTU Cmd CYGN OLDMAN.UIS09 Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:01 AM OK
AGAGet CL RTU Cmd CYGN OLDMAN.UISCL Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:01 AM OK
AGAGet CNG RTU Cmd CYGN OLDMAN.UISHN Y 5/17/2014 6:00:00 AM 5/16/2014 6:00:01 AM OK
AlarmFlag HOST SetPoint CYGN OLDMAN.HSS6 Y 5/16/2014 10:00:00 PM 5/15/2014 10:00:01 PM OK
AnsellDValues DailyVal SetPoint OLDMAN.HSS2 Y 5/16/2014 8:30:00 AM 5/15/2014 8:30:00 AM OK
ConfigGet RTU Cmd SCAD OLDMAN.UIS01 N n/a n/a n/a
ContractHR SetPoint OLDMAN.HSS2 Y 5/16/2014 8:00:00 AM 5/15/2014 8:00:00 AM OK
EmailGNS Error Bugs SetPoint CYGN OLDMAN.HSS2 Y 5/16/2014 7:45:00 AM 5/16/2014 7:35:00 AM OK
EmailMSSBlacout Email SetPoint CYGN OLDMAN.HSS2 Y 6/15/2014 8:30:00 AM 5/15/2014 8:30:00 AM OK
Current Blackouts
Tasks
Blackouts
Name
Type
Days
Start Date
End Date
Start Time
End Time
Active
Alarm Callout Delay Day Su Mo Tu We Th Fr Sa 09:00:00 PM 05:00:00 AM Y
Blaire M Callout List Y
Daily History Day Su Mo Tu We Th Fr Sa 07:45:00 AM 10:00:00 AM Y
Dennis M Callout List Y
Frac Night Day Su Mo Tu We Th Fr Sa 12:00:00 AM 06:00:00 AM Y
Night Time Sync #1 Day Su Mo Tu We Th Fr Sa 12:05:00 AM 12:45:00 AM Y
Night Time Sync #2 Day Su Mo Tu We Th Fr Sa 02:05:00 AM 02:45:00 AM Y
Solar Panel Day Day Su Mo Tu We Th Fr Sa 03:00:00 PM 09:00:00 AM Y
Solar Panel Night Day Su Mo Tu We Th Fr Sa 08:00:00 AM 03:00:00 PM Y
Time Day - 6A-6P Day Su Mo Tu We Th Fr Sa 06:00:00 AM 06:00:00 PM Y
Time Night - 6P-6A Day Su Mo Tu We Th Fr Sa 06:00:00 PM 06:00:00 AM Y

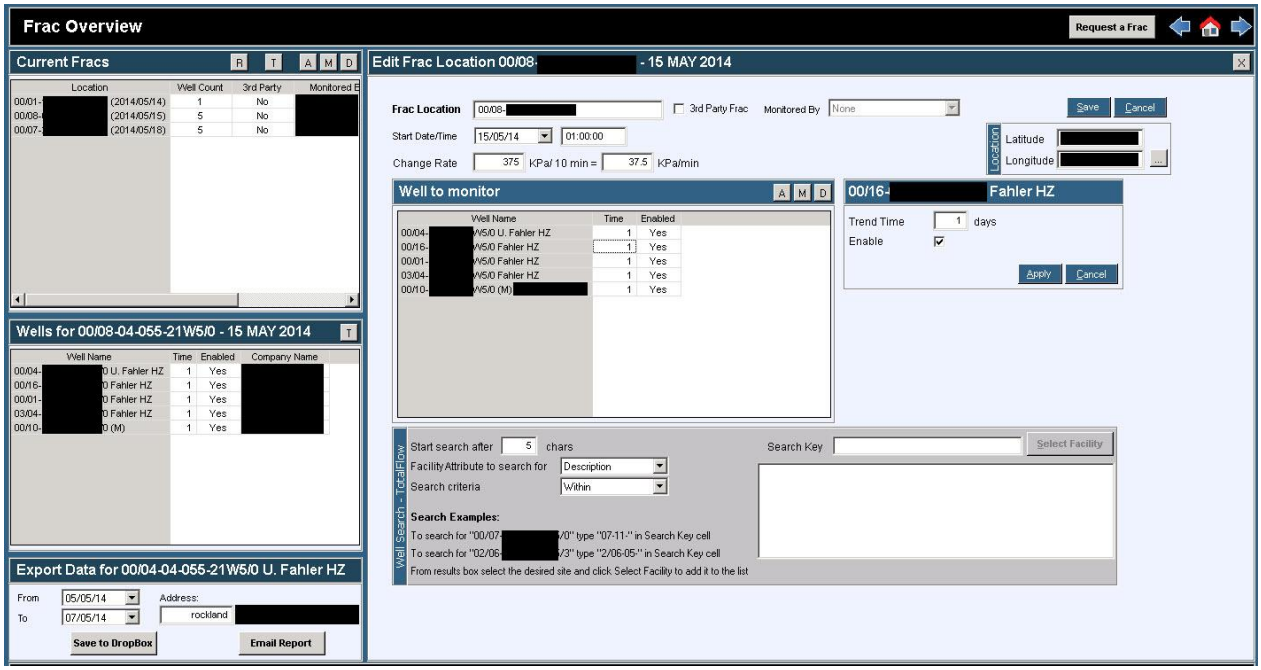

System Summary
System
Alarm
COMM
Scheduler
Callout
User
User Whereabouts
Equip Tracking
Notes
Leak Detection
Support
Tools
Current Groups:
Permissions
Groups
App Admins
Group Admins
Application
Description
Event
Event Description
Security ID
Level
ID Type
APPS Application BLOB Service ACCESS Access ADMINS 5 CG
APPS Application BLOB Service ACCESS Access * 1 US
APPS Application BLOB Service ACCESS Access OPERATORS 1 CG
APPS Application BLOB Service ACCESS Access FRACCING 1 CG
APPS Application BLOB Service ODBC ODBC * 1 US
APPS Application BLOB Service ODBC ODBC ADMINS 1 CG
APPS Application BLOB Service ODBC ODBC OPERATORS 1 CG
ARS Address Resolution Se… CHANGE Change ADMINS 5 CG
ARS Address Resolution Se… CHANGE Change * 1 US
AUD Audit Service ACCESS Access ADMINS 5 CG
AUD Audit Service ACCESS Access OPERATORS 1 CG
Current Permissions:
Permissions
Groups
App Admins
Group Admins
Application
Description
Event
Event Description
Security ID
Level
ID Type
APPS Application BLOB Service ACCESS Access ADMINS 5 CG
APPS Application BLOB Service ACCESS Access * 1 US
APPS Application BLOB Service ACCESS Access OPERATORS 1 CG
APPS Application BLOB Service ACCESS Access FRACCING 1 CG
APPS Application BLOB Service ODBC ODBC * 1 US
APPS Application BLOB Service ODBC ODBC ADMINS 1 CG
APPS Application BLOB Service ODBC ODBC OPERATORS 1 CG
ARS Address Resolution Se… CHANGE Change ADMINS 5 CG
ARS Address Resolution Se… CHANGE Change * 1 US
AUD Audit Service ACCESS Access ADMINS 5 CG
AUD Audit Service ACCESS Access OPERATORS 1 CG
AUD Audit Service ACCESS Access * 0 US
AUD Audit Service ACCESS Access SUPERVIS… 1 CG
AUD Audit Service ODBC ODBC * 0 US
AUD Audit Service ODBC ODBC ADMINS 1 CG
AUD Audit Service ODBC ODBC OPERATORS 1 CG
AUD Audit Service ODBC ODBC SUPERVIS… 1 CG
BSS BLOB Storage Service ACCESS Access ADMINS 5 CG
BSS BLOB Storage Service ACCESS Access * 0 US
User Last Login Information
Optional
User Name
Last Login
5/1/2014 9:36:54 AM
5/15/2014 8:35:44 AM
5/15/2014 1:24:31 PM
5/16/2014 5:32:06 AM
4/26/2014 8:08:12 AM
5/16/2014 6:24:18 AM
5/15/2014 1:46:52 PM
5/29/2013 9:29:54 PM
5/15/2014 9:53:41 PM
5/15/2014 1:15:39 PM
1/28/2014 8:22:40 AM
5/16/2014 7:12:59 AM
8/28/2013 4:31:47 AM
5/8/2014 1:01:10 PM
5/13/2014 12:27:01 PM
5/12/2014 11:12:08 PM
5/13/2014 1:53:22 PM
12/2/2013 11:50:35 AM
5/15/2014 10:17:45 AM
5/14/2014 11:01:00 AM
11/19/2013 2:34:49 PM
4/25/2014 5:38:32 PM
5/16/2014 7:12:35 AM
5/7/2014 12:20:26 PM
5/15/2014 10:19:44 PM

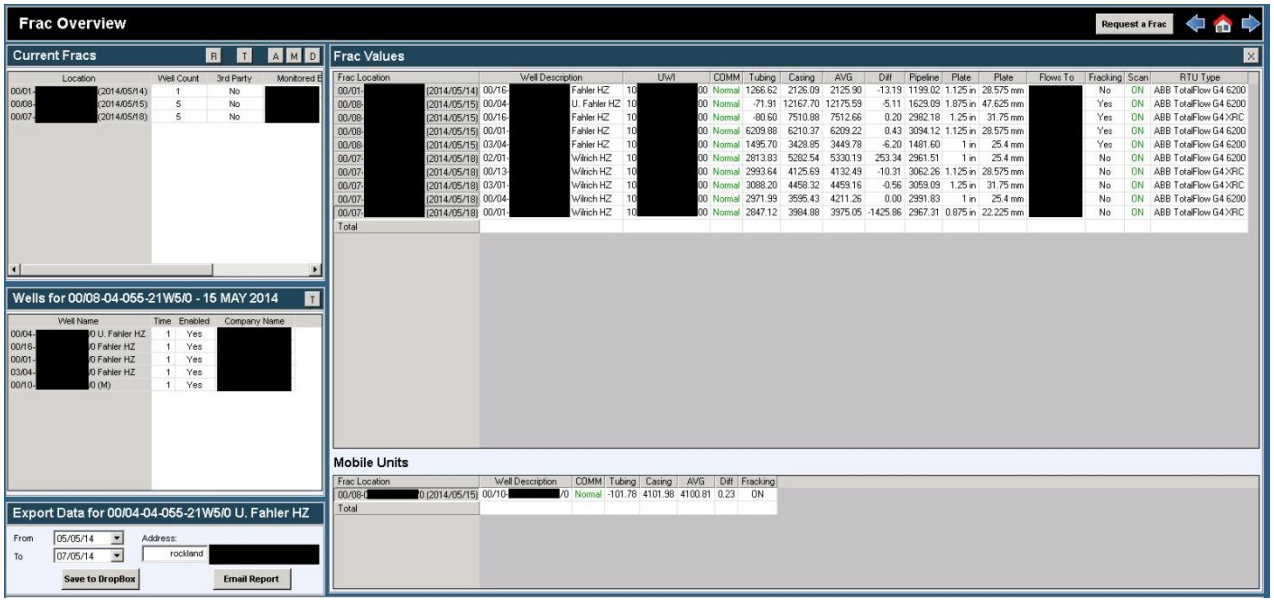
a. Add On: RTU Commands

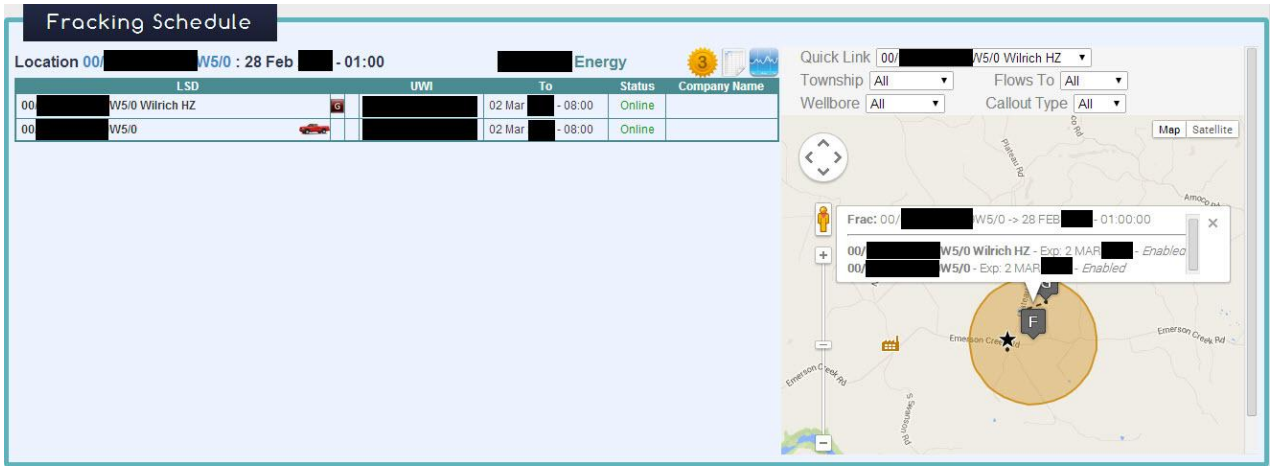


2. Scada Added Functionality
    a. Frac911 – Fracking Management System




Frac Overview
Request a Frac
Current Fracs
Edit Frac Location 00/08- - 15 MAY 2014
Frac Location
3rd Party Frac
Monitored By
None
Save
Cancel
Start Date/Time
15/05/14
01:00:00
Change Rate
375
KPa/ 10 min =
37.5
KPa/min
Latitude
Longitude
Well to monitor
Well Name
Time
Enabled
00/04- W5/0 U. Fahler HZ
00/16- W5/0 Fahler HZ
00/01- W5/0 Fahler HZ
03/04- W5/0 Fahler HZ
00/10- W5/0 (M)
00/16- Fahler HZ
Trend Time
days
Enable
Apply
Cancel
Wells for 00/08-04-055-21W5/0 - 15 MAY 2014
Company Name
Export Data for 00/04-04-055-21W5/0 U. Fahler HZ
From
05/05/14
To
07/05/14
Address:
rockland
Save to DropBox
Email Report
Well Search - TotalFlow
Start search after
5
chars
Facility Attribute to search for
Description
Search criteria
Within
Search Key
Select Facility
Search Examples:
From results box select the desired site and click Select Facility to add it to the list

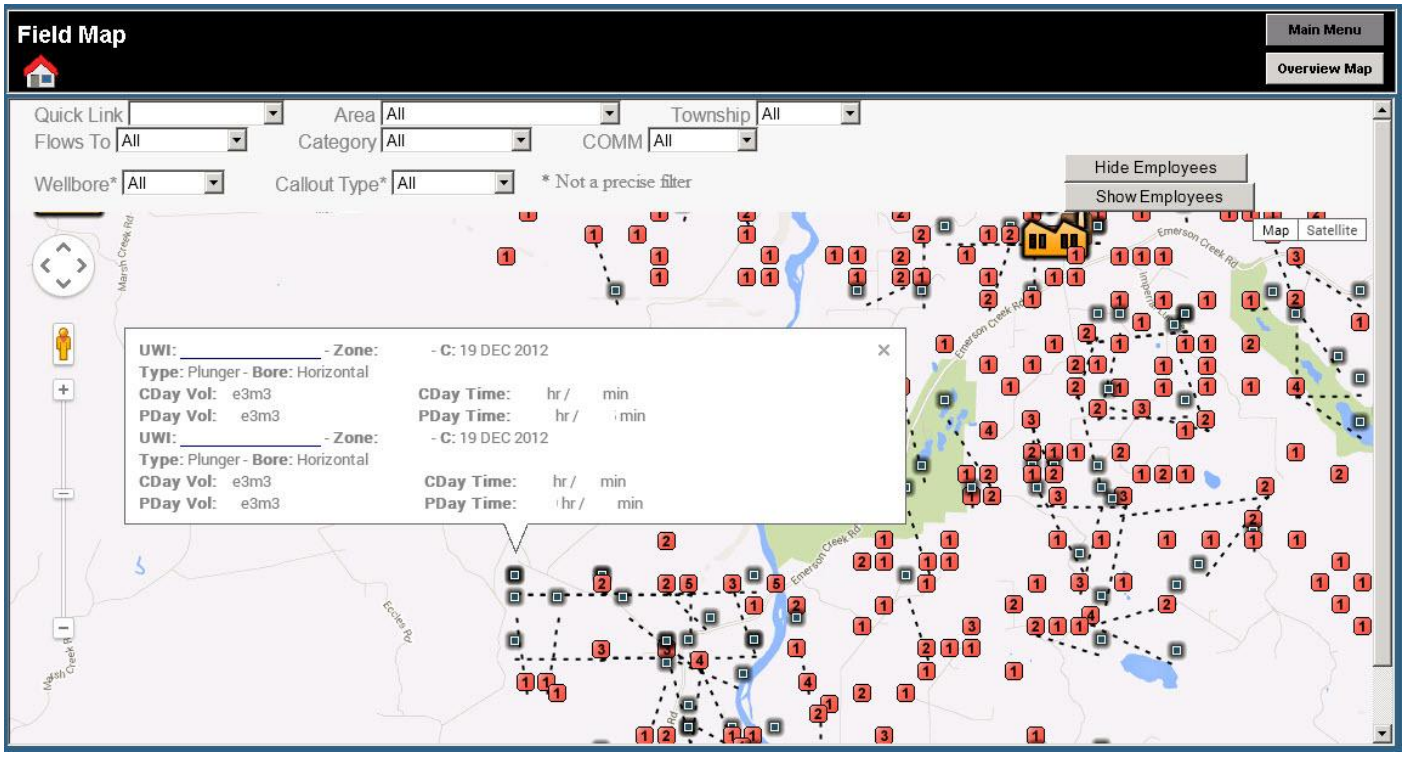

Frac Overview
Request a Frac
Current Fracs
Frac Values
Frac Location
Well Description
UWI
COMM
Tubing
Casing
AVG
Diff
Pipeline
Plate
Flows To
Fracking
Scan
RTU Type
Mobile Units
Wells for 00/08-04-055-21W5/0 - 15 MAY 2014
Export Data for 00/04-04-055-21W5/0 U. Fahler HZ
From
05/05/14
To
07/05/14
Address:
rockland
Save to DropBox
Email Report


Fracking Schedule
Location 00/ W5/0 : 28 Feb - 01:00
Energy
LSD
UWI
To
Status
Company Name
W5/0 Wilrich HZ
02 Mar - 08:00
Online
W5/0
02 Mar - 08:00
Online
Quick Link
W5/0 Wilrich HZ
Township
Flows To
Wellbore
Callout Type
Map
Satellite
Frac: 00/ W5/0 -> 28 FEB - 01:00:00
W5/0 Wilrich HZ - Exp: 2 MAR - Enabled
W5/0 - Exp: 2 MAR - Enabled


00/ W5/0
LSD
UWI
Status
Tube
Case
Case Avg
Case Diff
Wilrich HZ
Online
2029.32
3101.97
3098.57
1.09
Online
1080.58
4791.58
4791.20
-0.04

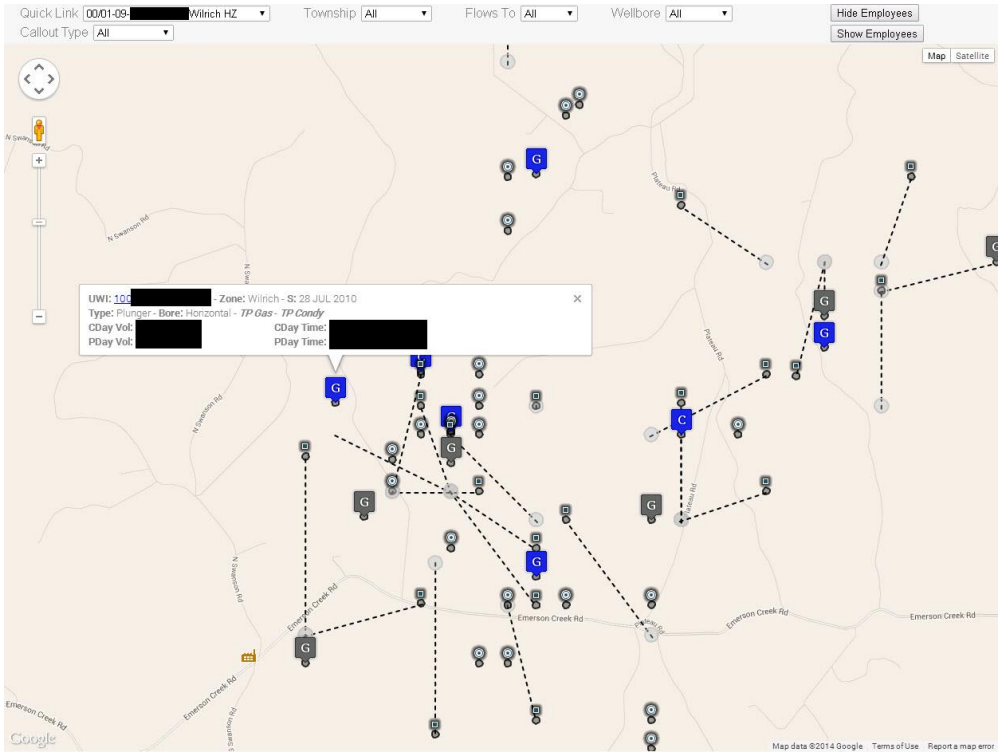

00/ W5/0
State: Online Tube: 2029KPa g Case: 3102KPa g Case Avg: 3099KPa g Case Diff: 1.09KPa/min
Trend values : 28 Feb - 1:00 am to 28 Feb - 6:35 am

b. Dynamic Map – Well Map

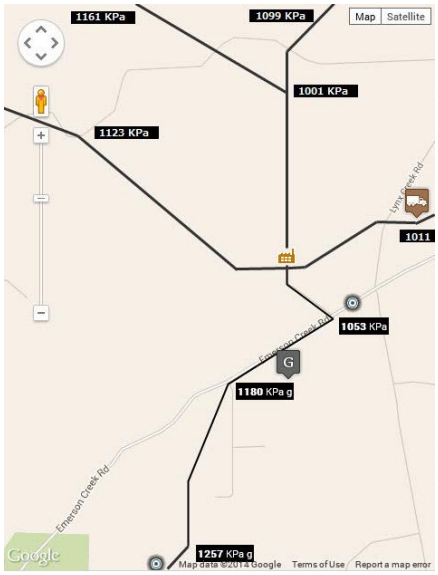


c. Dynamic Map – Area Map

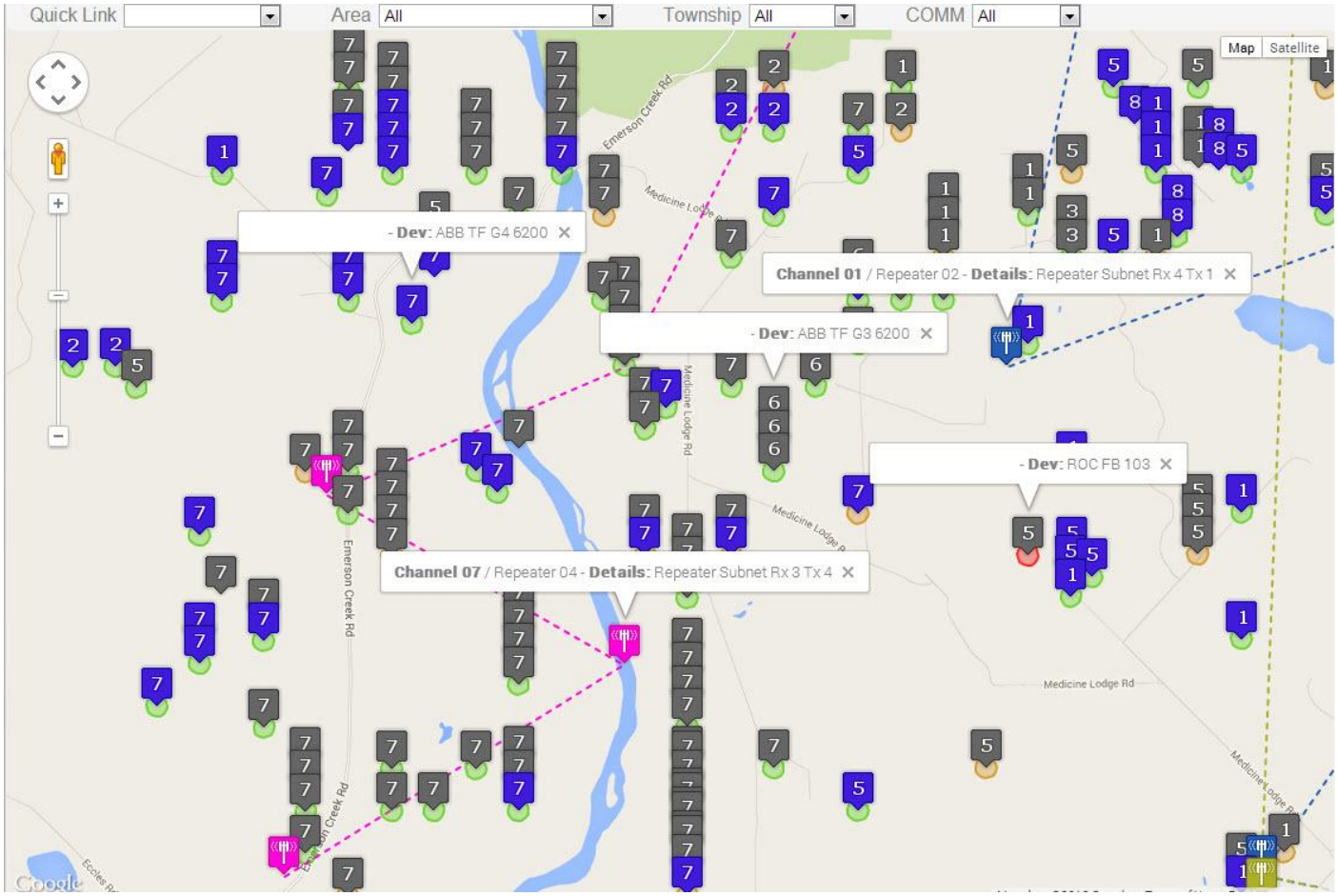
SCADA Functionality



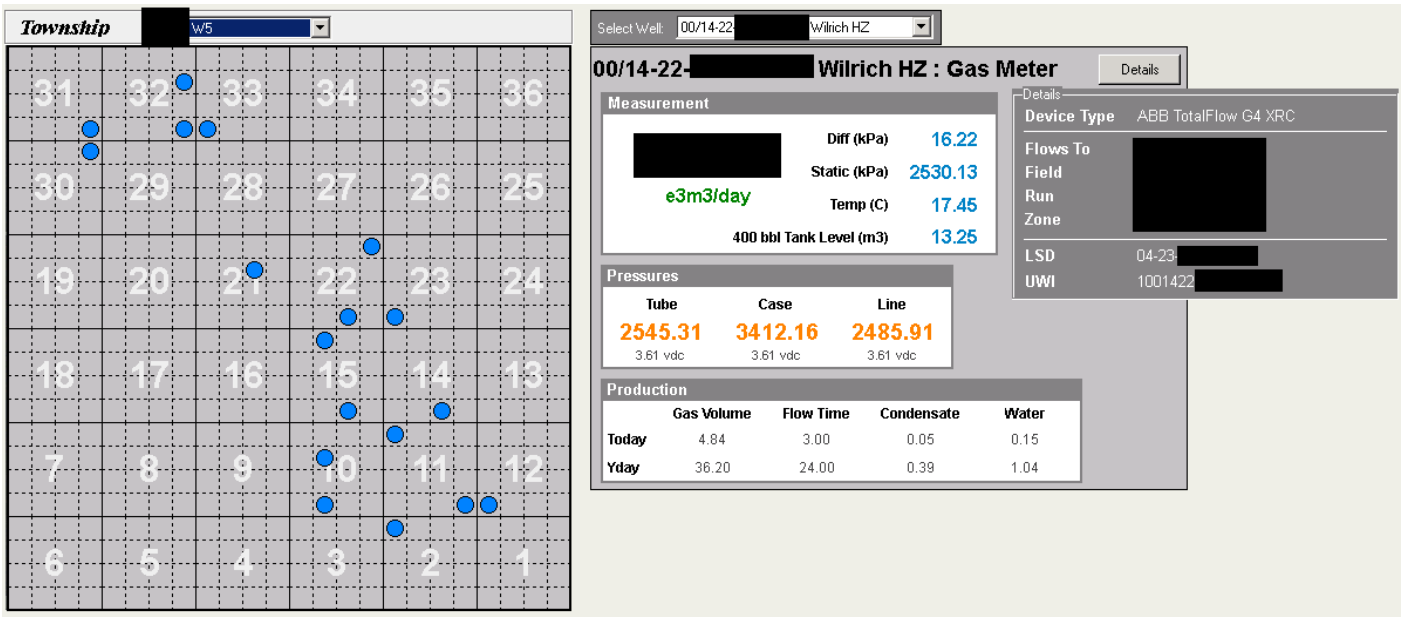
d. Dynamic Map – Pipeline Map



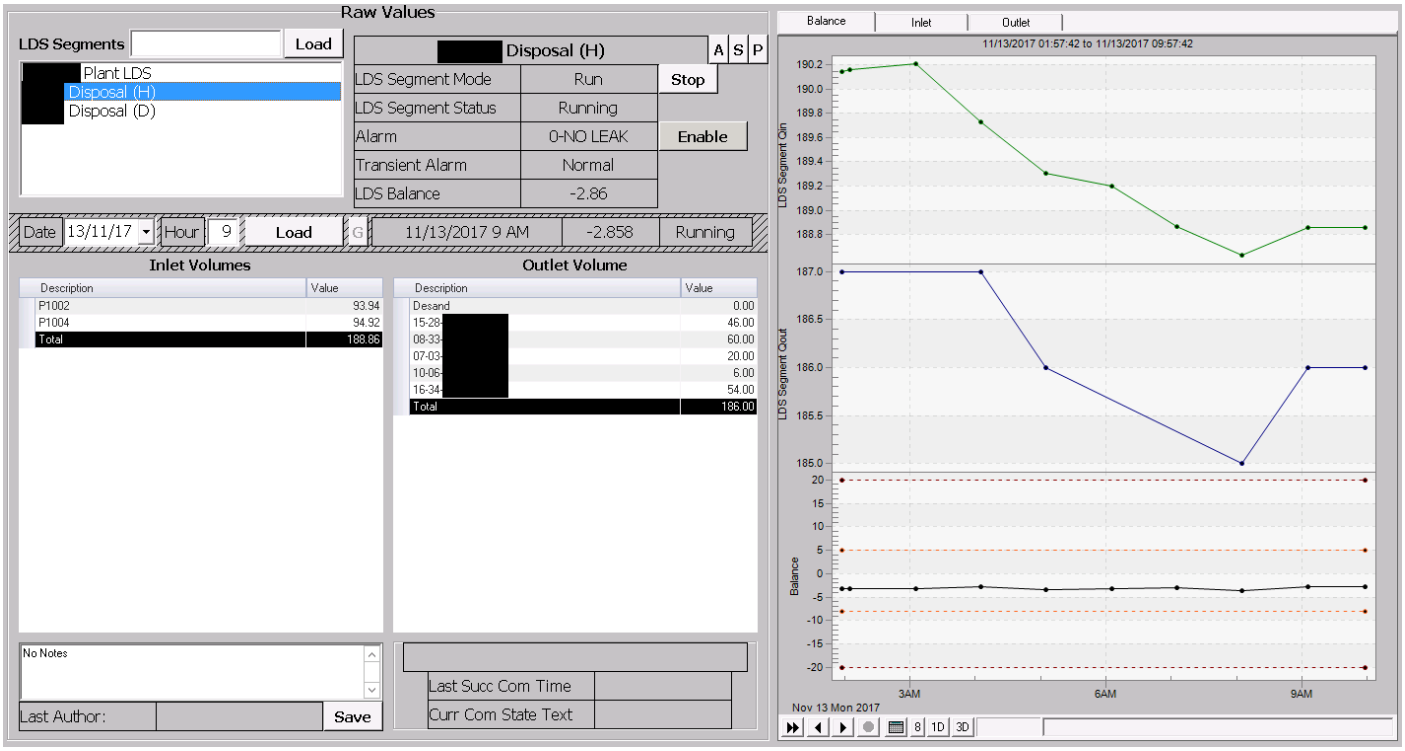
e. Dynamic Map – RTU and Communication Map


Quick Link
Area All
Township All
COMM All
Map
Satellite
- Dev: ABB TF G4 6200
Channel 01 / Repeater 02 - Details: Repeater Subnet Rx 4 Tx 1
- Dev: ABB TF G3 6200
- Dev: ROC FB 103
Channel 07 / Repeater 04 - Details: Repeater Subnet Rx 3 Tx 4
Emerson Creek Rd
Medicine Lodge Rd
Google

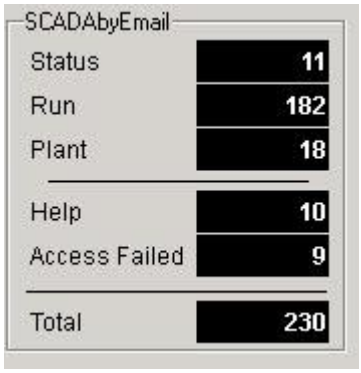
f. Dynamic Map – based on Township grid



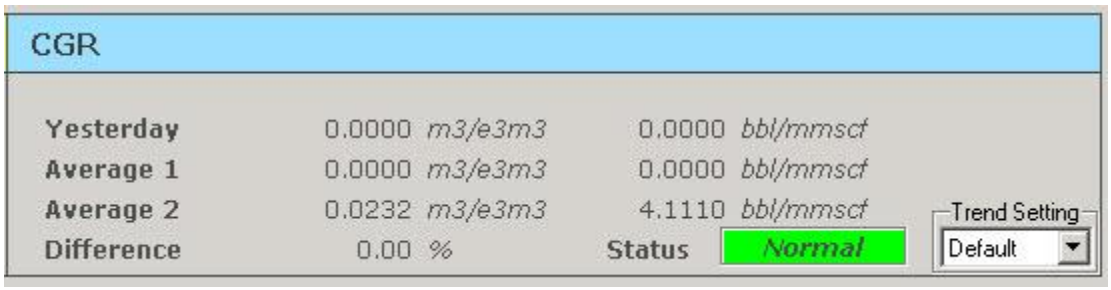
g. Pipeline Segment – Leak Monitoring



h. SCADAbyEmail



i. Condensate Gas Ratio



Condensate Gas Ratio Report

[redacted]
Location: [redacted]
Date Printed: 13 JAN 2013 - 09:05

Production Date: 12 JAN 2013

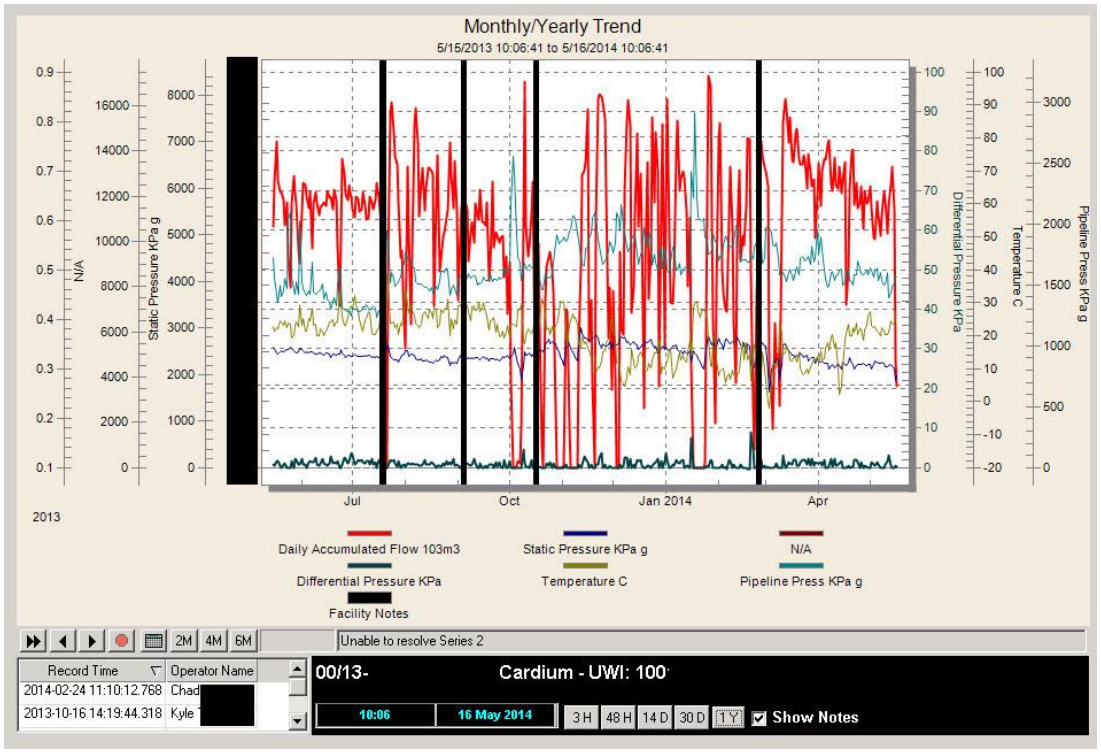
Facility Location		CGR	AVG 1	AVG 2	Difference	Status
[redacted] Area						
00/10-[redacted]	Cardium HZ	[redacted]	[redacted]	[redacted]	0.0000	Normal
00/01-	Wilrich HZ				114.1538	Normal
00/12-	Cardium HZ				0.0000	Low
02/12-	Notikewin HZ				97.7441	Normal
00/13-	Fahler HZ				74.3272	Low
00/12-	Wilrich HZ	Missing values ...				
02/01-	Wilrich HZ	Missing values ...				
02/13-	Wilrich HZ	Missing values ...				
02/13-	Cardium HZ	[redacted]	[redacted]	[redacted]	107.5546	Normal
00/13-	Wilrich HZ				108.1680	Normal
02/13-	Fahler HZ				182.4393	High
00/16-	Fahler HZ				116.3336	Normal
00/04-	Fahler HZ				108.7747	Normal
00/02-	Fahler HZ				0.0000	Normal
02/04-	Cardium HZ				0.0000	Low
00/04-	Fahler HZ				119.1908	Normal
02/09-	Bluesky HZ				102.2197	Normal
02/01-	Fahler HZ	Missing values ...				
00/01-	Cardium HZ	[redacted]	[redacted]	[redacted]	110.0980	Normal
00/13-	Cardium HZ				109.5444	Normal
00/13-	Cardium HZ				380.7045	High
00/13-	Fahler HZ				103.8854	Normal
00/16-	Fahler HZ				97.5393	Normal
00/04-	Fahler HZ				100.6319	Normal

j. Notes – Well Notes Management

Monthly Meter Notes Report

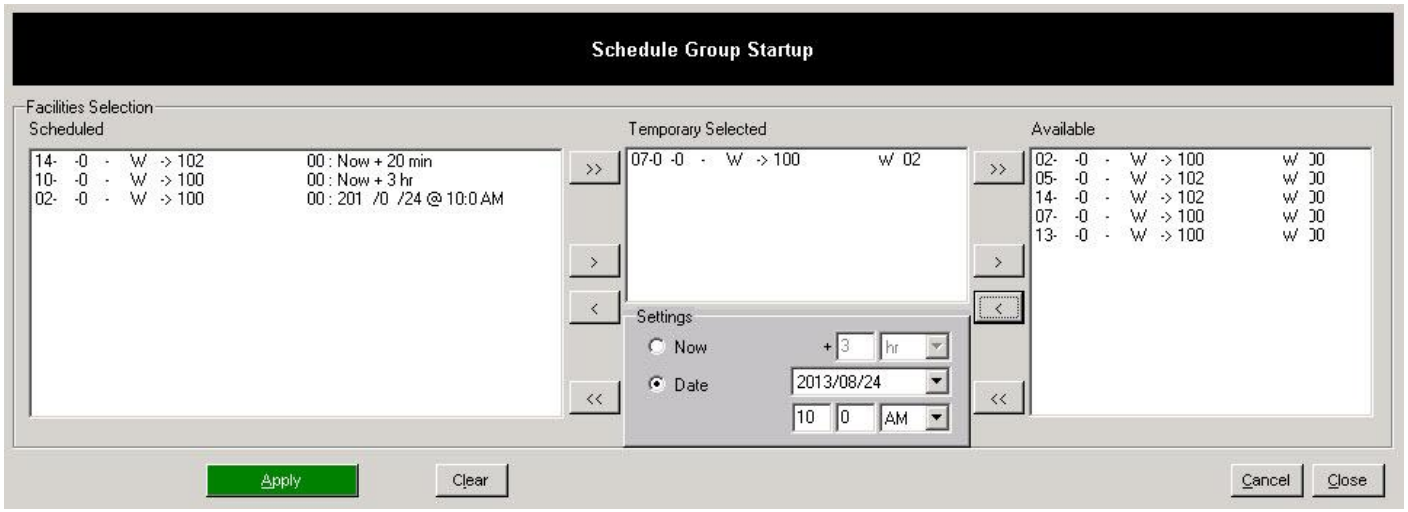
Production Month: JAN 2014

		The sample has been taken.
00/04-[redacted] Notikewin HZ		**LSD:** [redacted]
3 JAN 2014 - 16:16:10	Jeff	sampled well, gas and condy
7 JAN 2014 - 00:54:07	Jeff	si and depressure pline for pig semder amd receiver tie in am
10 JAN 2014 - 00:57:10	Jeff	pigged
16 JAN 2014 - 22:28:38	Jeff	pigged
00/13-[redacted] Cardium HZ		**LSD:** [redacted]
5 JAN 2014 - 21:05:44	Darcy	Set tbg/pl diff from 2600 down to 2400 kpa.
00/15-[redacted] Cardium HZ		**LSD:** [redacted]
5 JAN 2014 - 21:03:20	Darcy	Set delay to .5 minutes from 2.
03/10-[redacted] Wilrich HZ		**LSD:** [redacted]
6 JAN 2014 - 22:17:21	Darcy	Downhole Recorder maintenance work has been done. The recorder has been removed. Notes: Completions removed choke and recorders to do a clean out on December 14th, 2013
15 JAN 2014 - 07:00:24	Jeff	well esdd due to low flow setpoint, need ops to adj
00/01-[redacted] Cardium HZ		**LSD:** [redacted]
30 JAN 2014 - 22:54:23	ryan	changed critical fow from 40dec to 99. changed critical flow time from 1 to 2min. raised off time from 60 to 90min. maditory time from 90 to 180min
00/14-[redacted] Cardium HZ		**LSD:** [redacted]
6 JAN 2014 - 02:37:15	Darcy	Switched to sync off instead of sync on. Well was staying shut in for way too long. Set off time to 60 minutes and mand. to :120 minutes.
00/04-[redacted] Cardium		**LSD:** [redacted]
9 JAN 2014 - 20:17:10	Jeff	RIH with brush, brushed nipples and tagged fill @ 2187mcf, 2m below perfs. 2150mcf bottom of tbg, RIH with gauge ring to profile @ 2139mcf, no hang ups. Landed new fergy bs @ 2139mcf no notched.
00/02-[redacted] Cardium		**LSD:** [redacted]
7 JAN 2014 - 18:29:10	Jeff	plgr install, installed fergy (no notched) bs @ 2152mcf, tagged fill @2183mcf. gauge ring ran no issues
29 JAN 2014 - 21:58:41	Jeff	plungered well, dropped freecycle
00/10-[redacted] Cardium		**LSD:** [redacted]
5 JAN 2014 - 19:58:46	Darcy	Took two minutes off the delay and added it to the off time.
00/14-[redacted] Cardium		**LSD:** [redacted]
6 JAN 2014 - 02:52:57	Darcy	Minus 6 minutes off delay and added to the off time. Missing a lot of cycles.
00/13-[redacted] Cardium		**LSD:** [redacted]
20 JAN 2014 - 22:04:41	Jeff	dropped freecycle plgr, used 1.890
20 JAN 2014 - 22:05:37	Jeff	Plunger Lift maintenance work has been done at 3051 km / The Plunger has been replaced. Plunger Measurement Bottom 1.890 Plunger Measurement Middle 1.890 Plunger Measurement Top 1.890
00/09-[redacted] Notikewin		**LSD:** [redacted]
6 JAN 2014 - 02:23:46	Darcy	Set up plunger times to :20 on, :40 off and :120 mand. Also set CF to 15 decs from 13.
8 JAN 2014 - 21:19:04	Ryan	miced plunger on jan 6 2014 plunger miced at 1884
23 JAN 2014 - 22:00:18	Brad	Plunger Lift maintenance work has been done at 0 / 0 km / The Plunger has NOT been replaced. Plunger Measurement Bottom 1.884 Plunger Measurement Middle 1.884 Plunger Measurement Top 1.884
00/12-[redacted] Cardium		**LSD:** [redacted]
5 JAN 2014 - 19:44:39	Darcy	Set tbg/pl diff from 1100 to 1150 kpa to help strengthen.
00/04-[redacted] Cardium		**LSD:** [redacted]
5 JAN 2014 - 19:41:13	Darcy	Set tbg/pl diff from 950 kpa to 975 to strengthen.

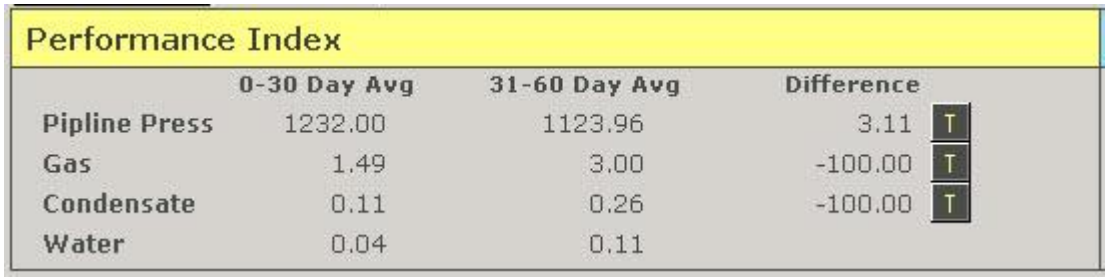

Monthly/Yearly Trend
5/15/2013 10:06:41 to 5/16/2014 10:06:41
N/A
Static Pressure KPa g
Differential Pressure KPa
Temperature C
Pipeline Press KPa g
Jul
Oct
Jan 2014
Apr
2013
Daily Accumulated Flow 103m3
Static Pressure KPa g
N/A
Differential Pressure KPa
Temperature C
Pipeline Press KPa g
Facility Notes
2M
4M
6M
Unable to resolve Series 2
Record Time
Operator Name
2014-02-24 11:10:12.768
Chad
2013-10-16 14:19:44.318
Kyle
00/13-
Cardium - UWI: 100
10:06
16 May 2014
3 H
48 H
14 D
30 D
1 Y
Show Notes

k. Well State Progress

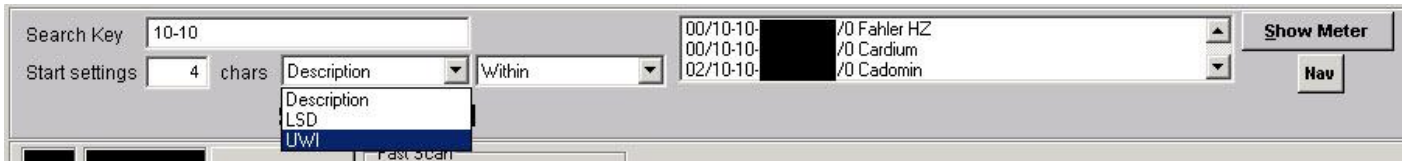
l. Well Scheduler



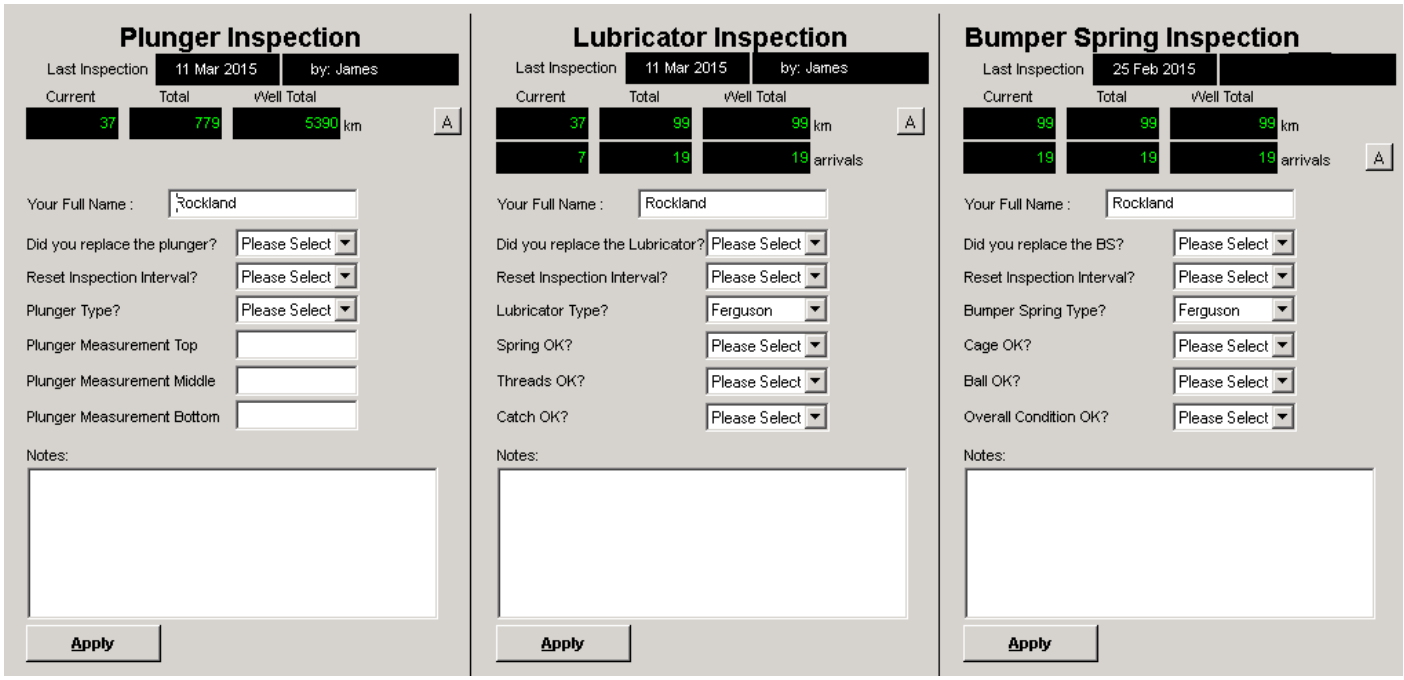
m. Well Performance Index



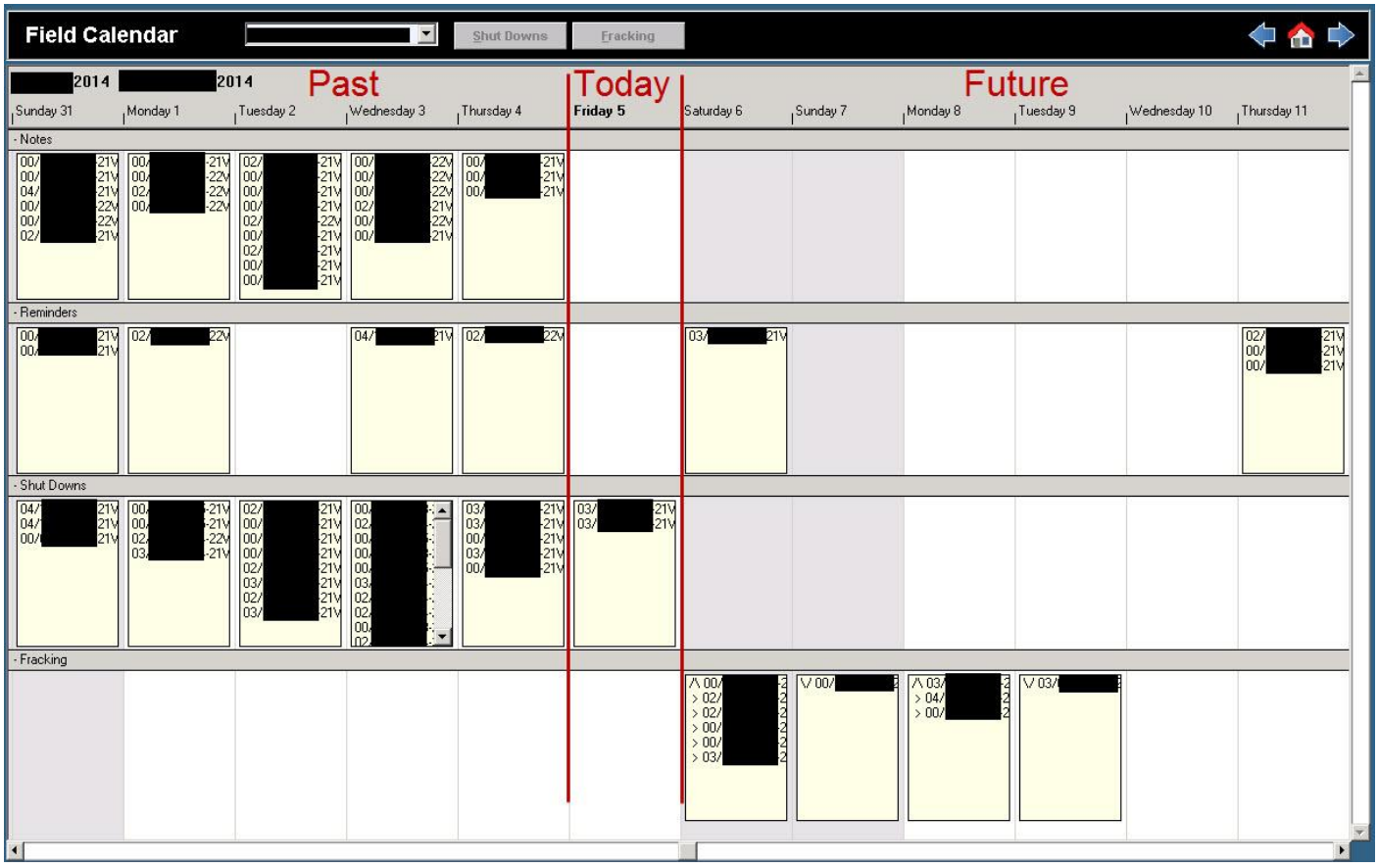
n. Quick Meter Pick



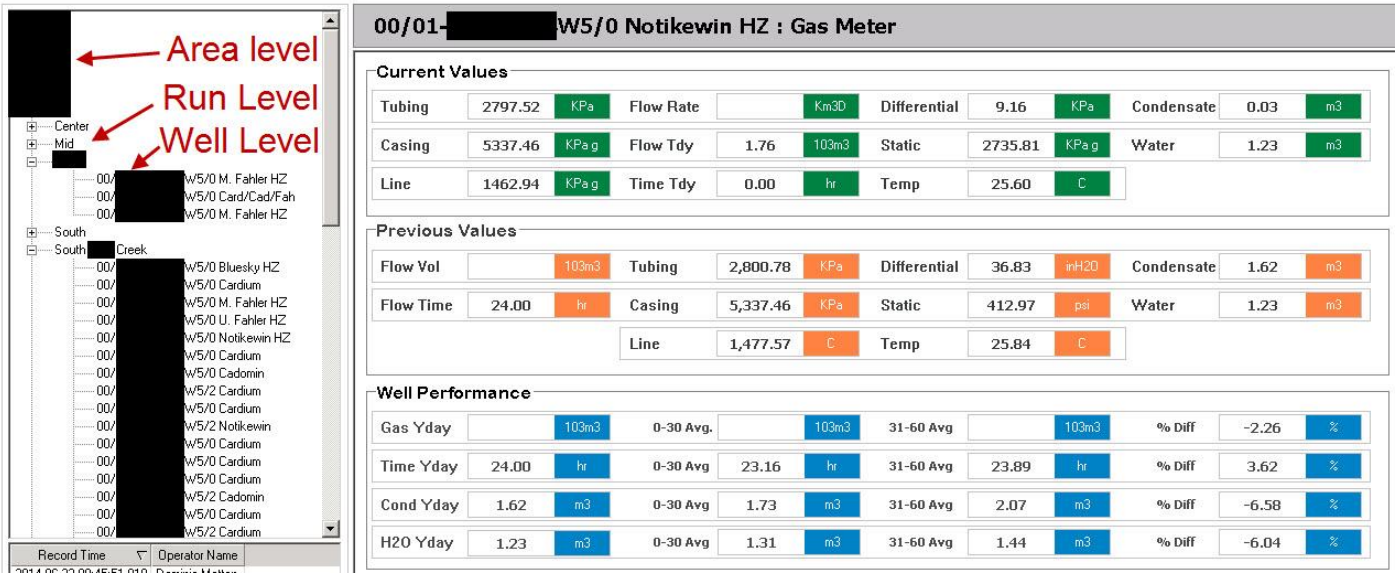
o. Plunger mileage, Lubricator andBumper Spring



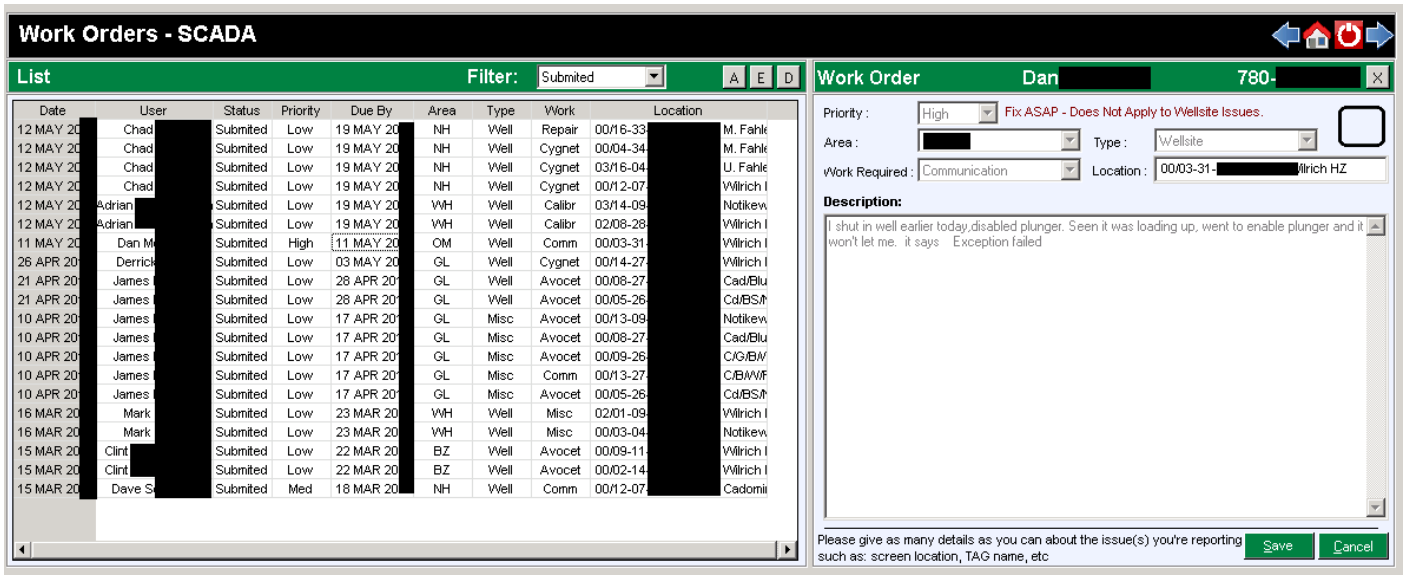
p. Field Calendar



q. Tree Navigation



r. Work Order


Work Orders - SCADA
List
Filter:
Submited
A
E
D
Date
User
Status
Priority
Due By
Area
Type
Work
Location
Work Order
Dan
780-
Priority :
High
Fix ASAP - Does Not Apply to Wellsite Issues.
Area :
Type :
Wellsite
Work Required :
Communication
Location :
Description:
I shut in well earlier today,disabled plunger. Seen it was loading up, went to enable plunger and it won't let me. it says Exception failed
Please give as many details as you can about the issue(s) you're reporting such as: screen location, TAG name, etc
Save
Cancel