BLOBAL A III SureTec PLUS

Manage Rig & Well

Rig :	West Aur	iga	Well :	Create New		•
		Edit Delete	* Are re	quired fields	Save	Cancel
Rig	Name	West Auriga	Well	Information		
		Contractor 1		• Well Type		•
Cor	ntractor			l	SWP2-GC 825-7	
Air	Gap	95 ft		* Project Name		
Rig	Туре	Drill Ship		* Well Number	1	
Sta	ick Type	Subsurface		• Operator aphic Area/Region		
		2018-08-16 09:36:53	- Geogr	* Lease	meat hungu	
Las	at Edited			* Block	1	
Refe	renced by	None		* Field		
				• Well Identifier	5	
				* Bupass Number	<u>(</u>	
				Sidetrack Number		
				* Water Depth		ft
			Uplo	nove Image		Logo Size: Must not exceed 300px height X 500px width. File Size limit: 2.0MB. File Type: PNG, JPG, or JEPG.
			Refe	erenced By		

?



0			
Name	Use on Rig 👅	Use at Well T	Last Edited 🕶
Available Plans			
O Plan Managemen	t		
GLOBAL 🔺 🏭 Sure Tec F	2US		
	NUC		

- e × ? * 1 Import Export New Plan Details Requires Approvais Published Concel Create

* Type	- Select -	-
* Name Use on Rig	BSEE BOP Generic BOP Casing Coil Tubing Completions	
Use at Well	Deck Inflow Pressure Record Stump Wellbore	



	T 🔺 🏭 SureTe	c PLUS		
ø	Plan Manageme	ent		
Availat	ole Plans			
Name		Use on Rig 🝸	Use at Well 🗡	Last Edited 🕶
٠	WBE-Test	West Auriga	SWP2-GC 825-7	2019-10-18 10:52:58

			9 .	•	
			New	Import	Export
		Plan Details			
hed	Requires Approvals	Update to Latest	Duplicate	Delete	Edit
	Yes	A newer version	n of this plan is	available for	download
		Check In Check In Check In Check In Checked O No one else can O Discard Ch	edit this plan or view	your changes unti	l it is checked back in.
		Name	WBE-Test		
		Use on Rig	West Aurigo	1	
		Use on Well	SWP2-GC	25-7	
		Schematics	Schematics	1	

Publish

No

Ch	an	ae	Hi	sto	ory
~ 11		3~		~ ~ ~ ~	

Wellbore

Last Edited

Lest Tested

Published

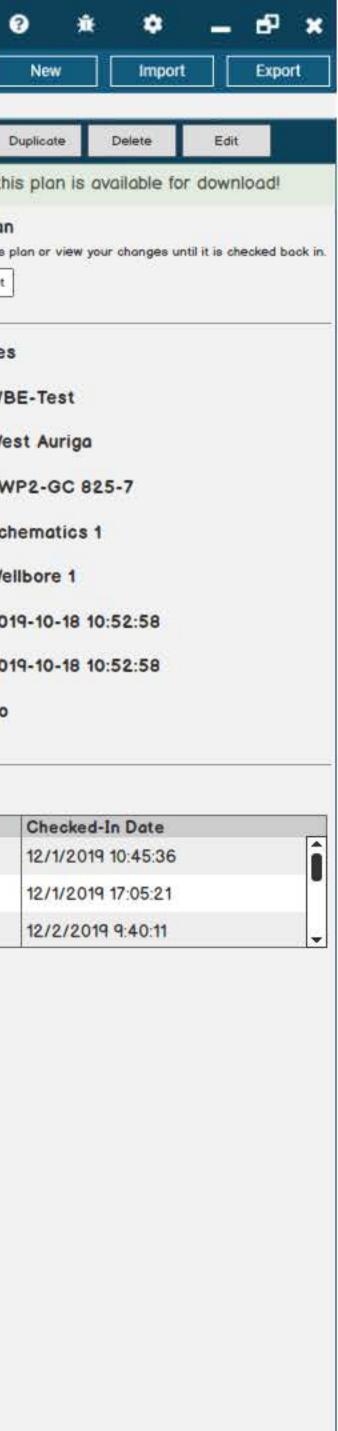
Name	Checked-In Date
Giacomo Guilizzoni	12/1/2019 10:45:36
Marco Botton	12/1/2019 17:05:21
Mariah Maclachlan	12/2/2019 9:40:11

No

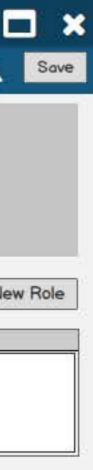
Wellbore 1

2019-10-18 10:52:58

2019-10-18 10:52:58



**retered Advice **Regi West Auror **Regination <	SureTec P	PLUS								🛛 🛞 🏦 🍄 💳 🛛
Null minit drug minit drug * The Name of Region Name * Prevent Rate of Berlin () * Preve	🔇 Plan Editor	1 Pre Planning 2	2. Wellbore	3 Schematic		4 Steps		5 Reporting		
*Parentil Excluse 52 F4 & the 52 F4 © Durling Parentil Parentil First und Barrier () For state of Barrier	* Are required fields			*Rig West Auriga	-	*Well SWP2-GC 825-7	•			
Preserve Tati and Burriers M In carring, Mar, 1970A, 1970A1, 1980A1, 1970A1,		* Test Name (Report Name)	9.875in Casing Test	36		* Type of Test	Liner		-	
If In Carrag, Mith CHRA, HPWH housing, corrector gasted, NB73 Incr, tear top packer; CBP, and the BDP balaer; ABP If In Carrag, Mith CHRA, HPWH housing, corrector gasted, NB73 Incr, tear top packer; CBP, and the BDP balaer; ABP and the approxed by WS.P. Part Control and the Control and the Ministra Expension: Tasking Risks @ Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or ice Pluip Formation Persure Testing and Equipment, Fluids, or Hydrate or ice Pluip Formation: Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or ice Pluip Formation: Persure Testing and Equipment, Fluids, or Hydrate or ice Pluip Formation: Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or ice Pluip Formation: Persure Testing and Equipment Enteremes on: Equipment Limitations @ Impacts of Temperature Extremes on: Equipment () 		* Operation	Section 16.7.4 in the SWF	2 Drilling Program		* Procedure No.	01			
Main caring Main CHBA, IPKMH housing, connector packet, NBS line, line to packet, CLBP, and the GDP below the upper BBR. Inter the The Charing Charing Charing Charing Charing Integer read assembly (backdown alwawe installation - to be approved by WB.P	Purpose of Test and Barriers	0				Roles and Responsibilitie	es for Personnel 🚯			Add Ne
Low	14 in casing, 14in CHSA, HPW	'H housing, connector gasket, 9.875 liner, liner to	p packer, CIBP, and the BO	P below the upper BSR.	Î	Role Responsi	ibilities			
Note Period The Verify informing inter component to for component output outpu						Add Role				
D13 Writer prestures test of closing inner and/or casing hunger seal allesembly/foldedown severe metallation - to be approved by WBUP. Image: Control of the case	Hold Point					Add Role				
Risks to Personnel from Pressure Taxling (*) Risks to Personnel from Pressure Taxling (*) Interaction of the Taxt Area will be Controlled to Minimize Exposure to Taxling Risks (*) Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or Ice Plug Formation (*) Pressors Taxling and Equipment Failure Consequences (*) Impacts of Temperature Extremes on: Equipment (*)	D13: Verify positive pressure		assem <mark>bl</mark> y/lockdown sleeve i	nstallation - to be approved by WSUP.						
Aver the Test Area will be Controlled to Minimize Esposure to Testing Risks () Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrote or Ice Plug Permation () Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrote or Ice Plug Permation () Pressure Testing and Equipment Failure Consequences () Impacts of Testing and Equipment Failure Consequences () Equipment Limitations ()	Dio. Verify integrity (positive	testy of lower and apper suspension barriers.			Ţ					
Aver the Test Area will be Controlled to Minimize Esposure to Testing Risks () Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrote or Ice Plug Permation () Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrote or Ice Plug Permation () Pressure Testing and Equipment Failure Consequences () Impacts of Testing and Equipment Failure Consequences () Equipment Limitations ()	Risks to Personnel from Press									
Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or Ice Plug Formation		aure reating			î					
Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or Ice Plug Formation										
Impacts of Temperature Extremes on: Equipment, Fluids, or Hydrate or Ice Plug Formation	Level Test Association Com		A							
Image: Consequences Image: Conseque	How the lest Area will be Con	trolled to Minimize Exposure to Testing Risks	U							
Image: Consequences Image: Conseque										
Image: Consequences Image: Conseque										
Contingency Actions in the Event of a Failed Test or Equipment ()	Impacts of Temperature Extre	emes on: Equipment, Fluids, or Hydrate or Ice	Plug Formation 1							
Contingency Actions in the Event of a Failed Test or Equipment ()										
Contingency Actions in the Event of a Failed Test or Equipment ()										
Equipment Limitations 1	Pressure Testing and Equipme	ent Failure Consequences 🕕								
Equipment Limitations 1										
Equipment Limitations 1					•					
	Contingency Actions in the Ev	vent of a Failed Test or Equipment 🚺								
	<u> </u>				_					
Pressure Relief Settings 🗊	Equipment Limitations 🛐									
Pressure Relief Settings 🕄										
Pressure Relief Settings					*					
	Pressure Relief Settings									



GLOBAL 🖌 👬 SureTec Pl	LUS						🕑 🟦 🌣 — 🕻
OPlan Editor	1 Pre Planning 2	Wellbore	3 Schematic		📏 🕹 Steps	5 Reporting	🔔
* Are required fields			*Rig West Auriga		*Well SWP2-GC 825-7	-	
	* Test Name (Report Name)	9.875in Casing Test	in the second	<u> </u>	* Type of Test	Liner	-
	* Operation	Section 16.7.4 in the SWP2 D	Drilling Program		* Procedure No.	01	
Duran of Text and Demiser	A				Deles and Deservability		
Purpose of Test and Barriers	H housing, connector gasket, 9.875 liner, liner top	packer CIBP and the BOP be	elow the upper BSR		Roles and Responsibiliti	les for Personnel	Add Net
•	a, , , , , , , , , , , , , , , , , , ,				Role	Responsibilities	
L				•		1. Coordinate the test. 2. Arrange necessary equipment preparation.	
Hold Point					Driller	 Delegate equipment preparation tasks to assistant driller. Hold TBRA. 	
	est of casing/liner and/or casing hanger seal a	ssembly/lockdown sleeve insta	allation - to be approved by WSUP.			Supervise the test and verify line up is correct for both pressure fluid and leak path fluid:	s and is consistent with WITF plan
D15: Verify integrity (positive t	est) of lower and upper suspension barriers.				Toolpusher		
				¥			
Risks to Personnel from Press	ure Testing				7:	Verify the test is safe and compliant with rig contractor procedures.	
					OIM		
				•		 Verify the pump is ready and maintained for testing. Verify chart recorder and data logger are calibrated and lined up. 	
How the Test Area will be Con	trolled to Minimize Exposure to Testing Risks	A			Cementer	3. Operate the pump. 4. Communicate with the driller.	
				î		5. Record pressures and volumes during test.	
						1. Provide input for WITF details prior to plan approval. 2. Review test results	
- L				-	BP Engineer		
Impacts of Temperature Extre	mes on: Equipment, Fluids, or Hydrate or Ice I	Plug Formation				1. Prior to the commencement of the negative test operations, review and independently v	wrify with the contract rig crew members (as defined in the Br
				î	BP Wellsite Leader	and Responsibilities section of this form) each distinct element of a. The negative test procedure	any number contracting of an includer (as beinged in the re-
					Dr Weisite Ledder	 b. The subsea valve and BOP configuration 3. Attend TBRA and monitor the test. 	
				T	C.	Communicate the test result to the Superintendent. I. Prior to the test, assess the WSL's understanding of test validation.	
Pressure Testing and Equipme	nt Failure Consequences ()					 Prior to execution of the negative test and after completion of the negative test, asses importance of the required wellbore pressure-volume calibrations. 	
				î		 After the completion of the negative test, independently verify the WSL's basis for dec (fail)," or "Invalid (parameters)." Following the completion of the negative test, review/read a hard copy or electronic verify the completion of the negative test, review/read a hard copy or electronic verify." 	
					Superintendent	the fully completed WITF. 5. Discuss with the accountable WSL:	
1						 a. The results reported on the WITF and the pressure chart. b. The Volume Accounting section of Test Validation, detailing i. Planned cumulative bleed volume versus calibration-based cumulative bleed volume 	
Contingency Actions in the Eve	ent of a Failed Test or Equipment 👔			- 1-1		 Calibration-based cumulative bleed volume versus actual negative test cumulative c. All anomalies that occurred during any portion of the negative test. 	
				Î			
				-			
				<u></u>			
Equipment Limitations 🚺							
				•			
				4			
Pressure Relief Settings							











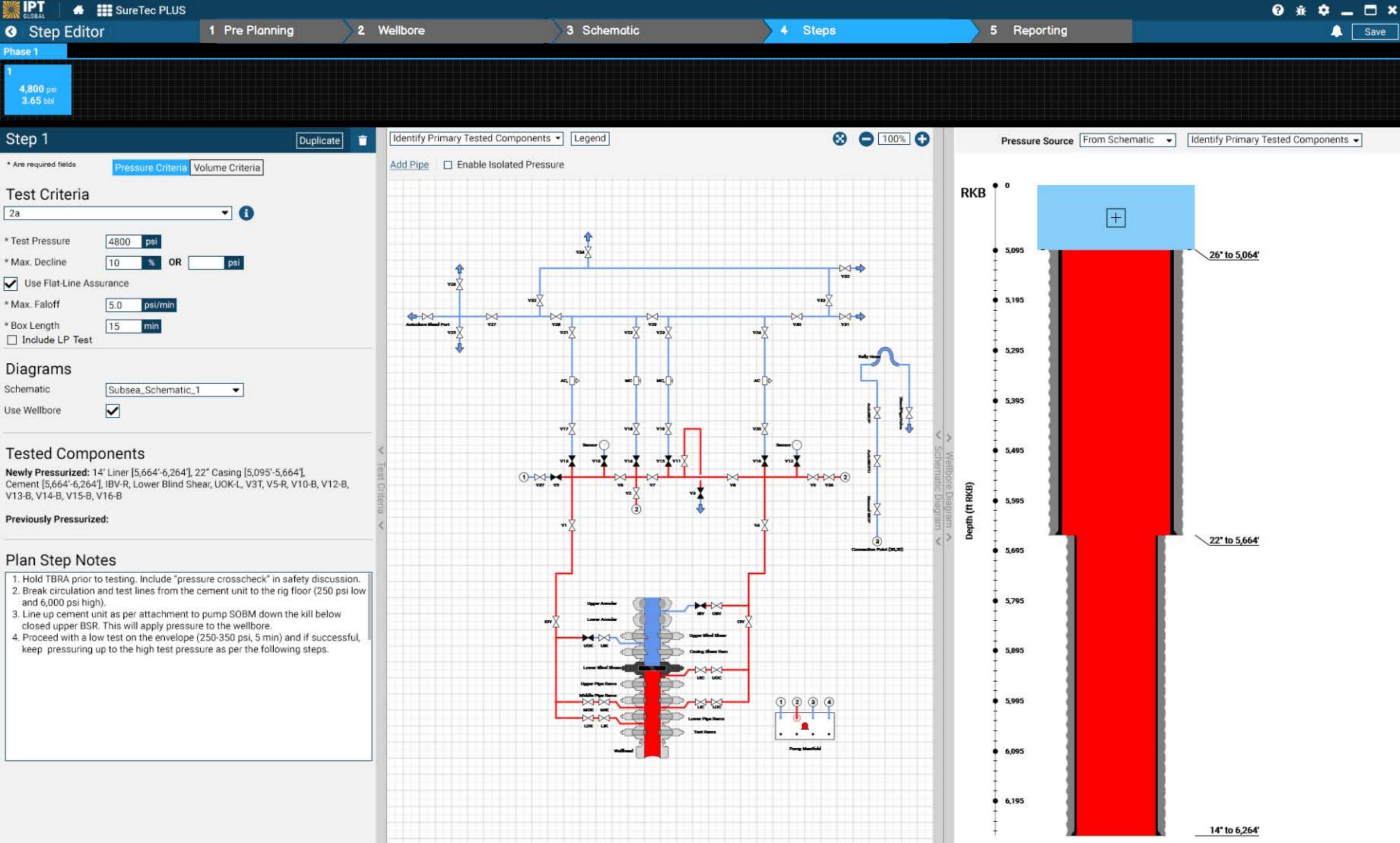




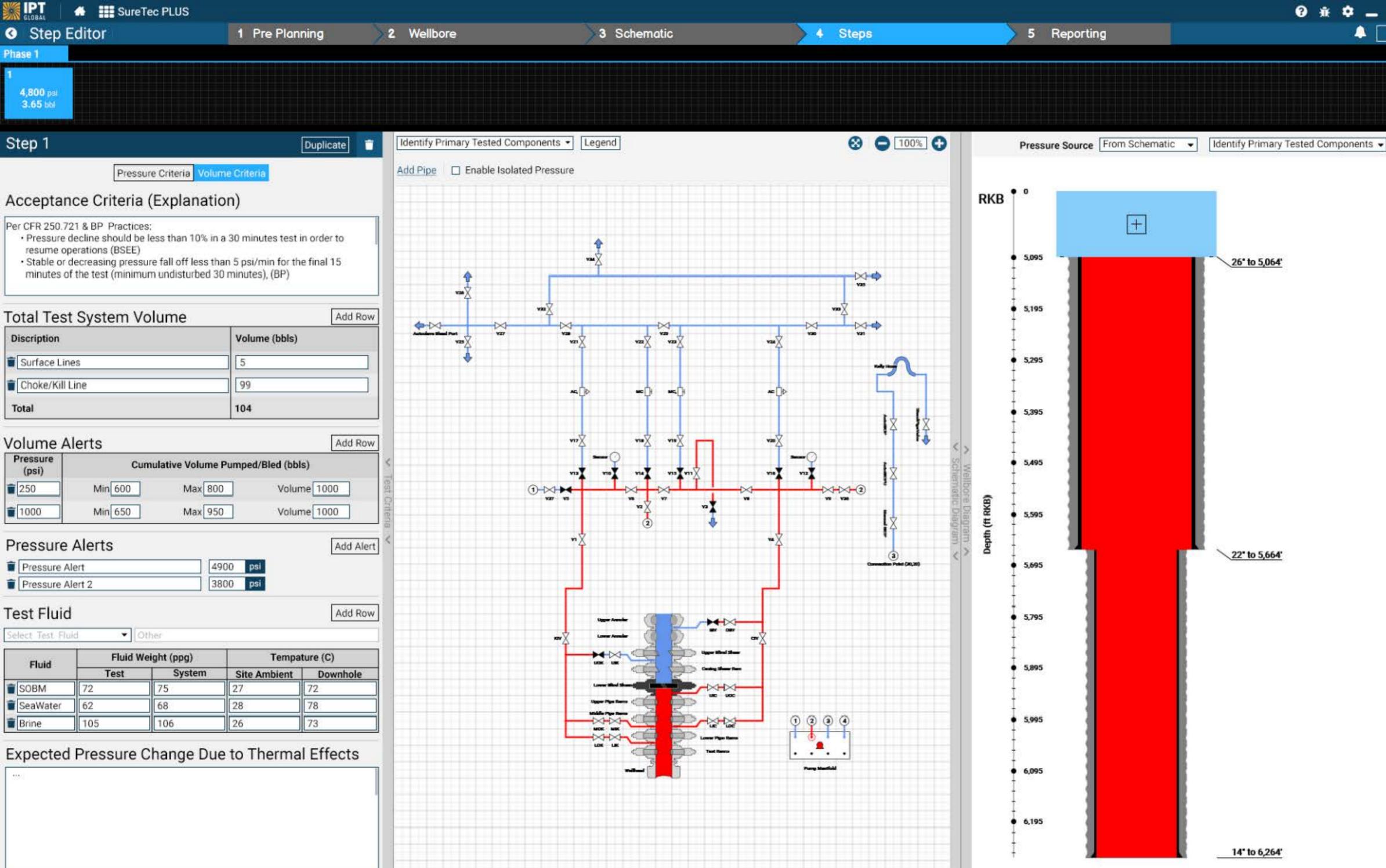


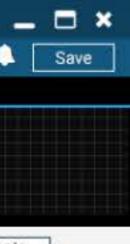
Role	Responsibilities
Driller	 Coordinate the test. Arrange necessary equipment preparation. Delegate equipment preparation tasks to assistant driller. Hold TBRA.
Toolpusher	Supervise the test and verify line up is correct for both pressure fluid and leak path fluids, and is consistent with WITF plan.
OIM	Verify the test is safe and compliant with rig contractor procedures.
Cementer	 Verify the pump is ready and maintained for testing. Verify chart recorder and data logger are calibrated and lined up. Operate the pump. Communicate with the driller. Record pressures and volumes during test.
BP Engineer	1. Provide input for WITF details prior to plan approval. 2. Review test results.
BP Wellsite Leader	 Prior to the commencement of the negative test operations, review and independently verify with the contract rig crew members (as defined in the Role and Responsibilities section of this form) each distinct element of The negative test procedure The subsea valve and BOP configuration Attend TBRA and monitor the test. Communicate the test result to the Superintendent.
Superintendent	 Prior to the test, assess the WSL's understanding of test validation. Prior to execution of the negative test and after completion of the negative test, assess the WSL's understanding of the application, use, and importance of the required wellbore pressure-volume calibrations. After the completion of the negative test, independently verify the WSL's basis for declaring the results of the negative test as "Valid (pass)," "Invalid (fail)," or "Invalid (parameters)." Following the completion of the negative test, review/read a hard copy or electronic version of both the applicable cementing unit pressure chart and the fully completed WITF. Discuss with the accountable WSL: a The results reported on the WITF and the pressure chart. b The Volume Accounting section of Test Validation, detailing

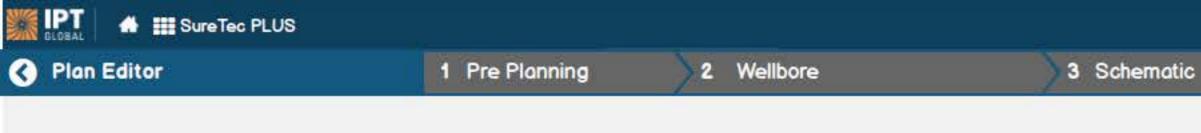












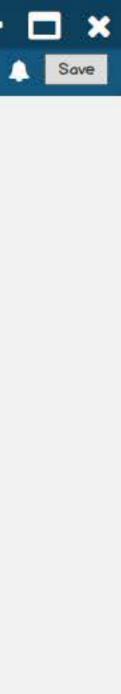
Plan Reporting

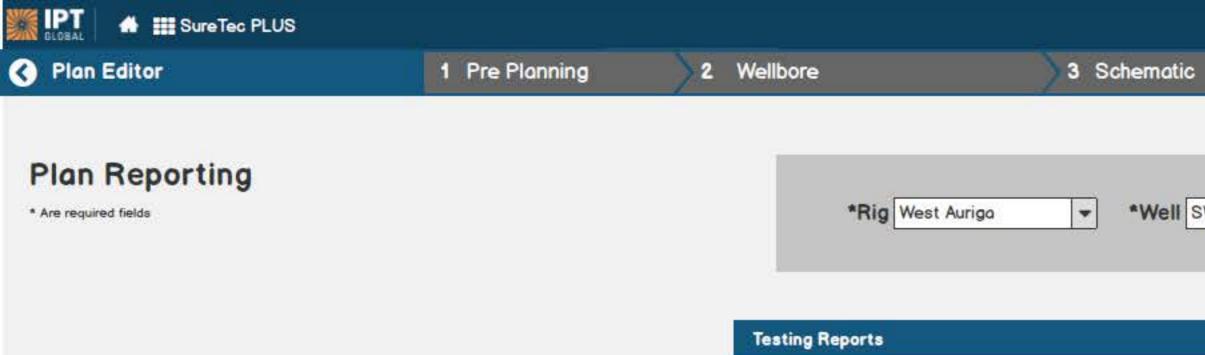
* Are required fields

Testing Reports	
	Plan Report
	Plan Report with Che
	Appendix

on Owner	s - Email	
Delete	Jim.Anderson@BP.com	
Delete	Jane.Smith@BP.com	
_		
knowledg	gers - Email	
Delete	Jane.Smith@BP.com	
provers -	Email	
	Email Jim.Anderson@BP.com	
provers - Delete Delete		
Delete	Jim.Anderson@BP.com	
Delete Delete	Jim.Anderson@BP.com Jane.Smith@BP.com	

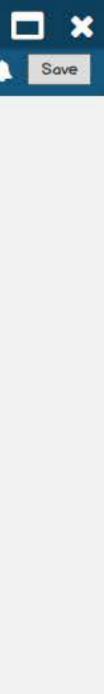
c	\rangle	4	Steps		5
Route For Appr	roval				
				Publish Repor	t
	APD Report				
Checklist	Verification Me	etrix			
	Casing Plan F	Report			
Add Plan Owners					
					Î
					¥
Add Acknowledgers					
					A
Add Approvers					Ţ
					Î
Add CC					T
					Î
					-





Appendix

				?	🔆 🍄 🗕
3 Schematic	🔪 4 S	teps	5 Reporting		Ľ
▼ *Well SWP2-GC 8	25-7 💌	Start Testing			
		Publish	Report		
Plan Report	APD Report				
Plan Report with Checklist	Verification Metrix				
Appendix	Casing Plan Report				



PLUS"

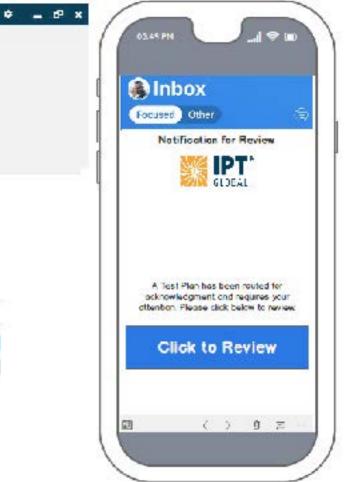




band in the in he

0

۰



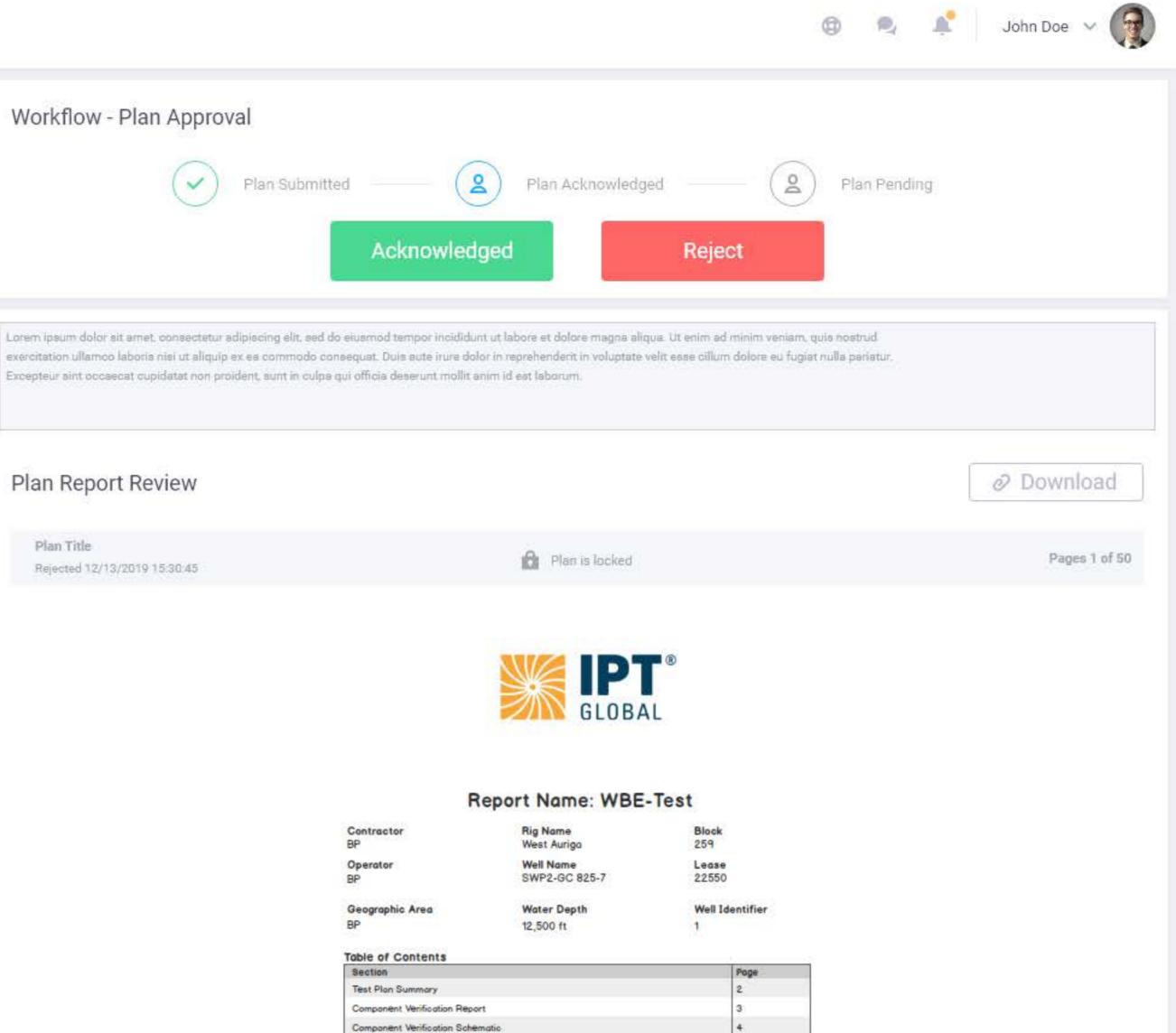


ŵ	Home
.10	Dashboard
	Report
Ċ.	Approvals
۵	Well
₿	Test
٥	Settings

Plan Report

V Filter repo	rts by title		×
Well > SWP2-GC 825-7	Test Name 9.875in Casing Test	Procedure # 20-4568	Date 12/04/2019
✓ SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Approved	John Doe	12/13/201	9 15:30:45
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019

Workflow - Plan Approval



Step 1

Plan Report Review

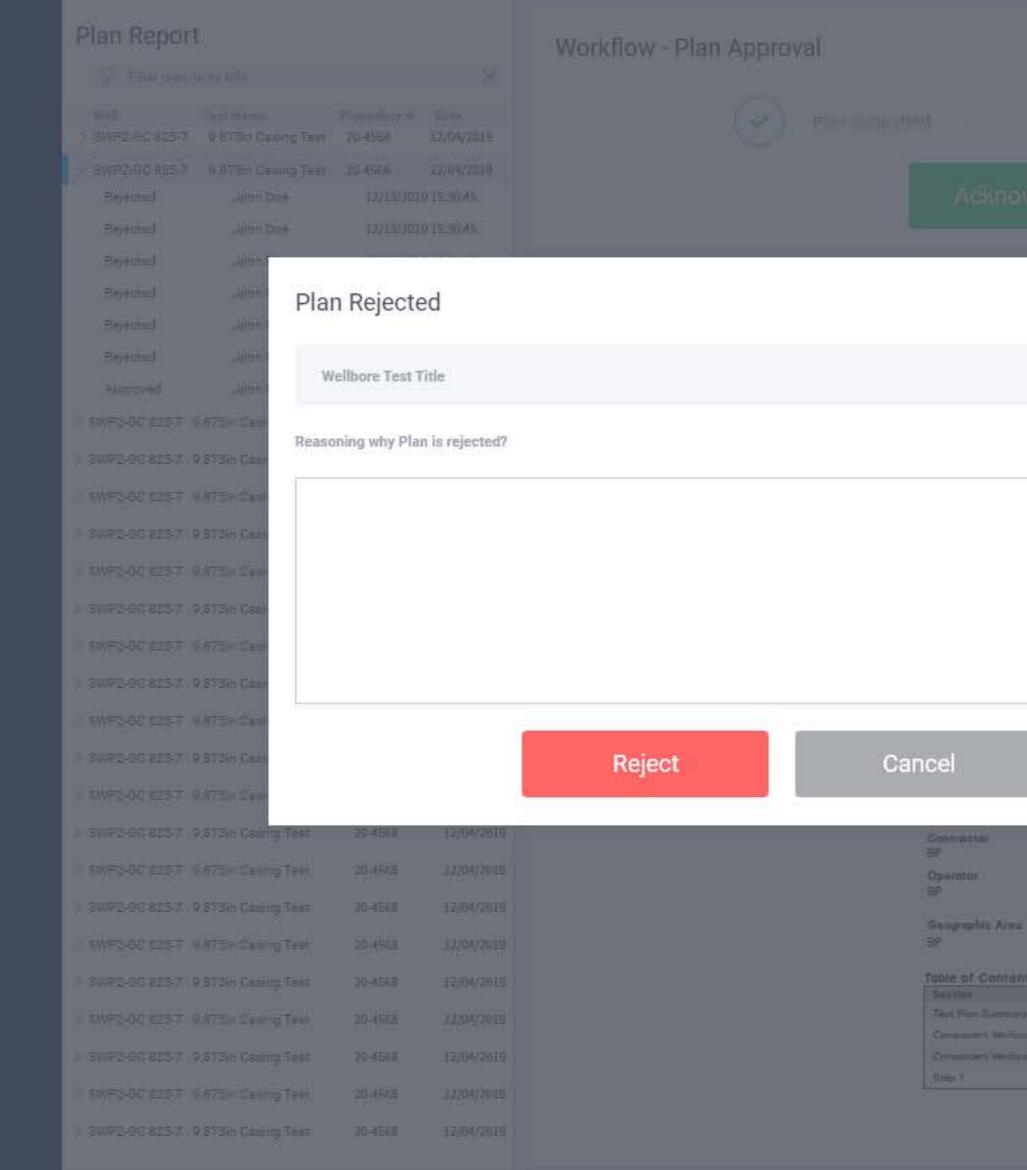
Plan Title

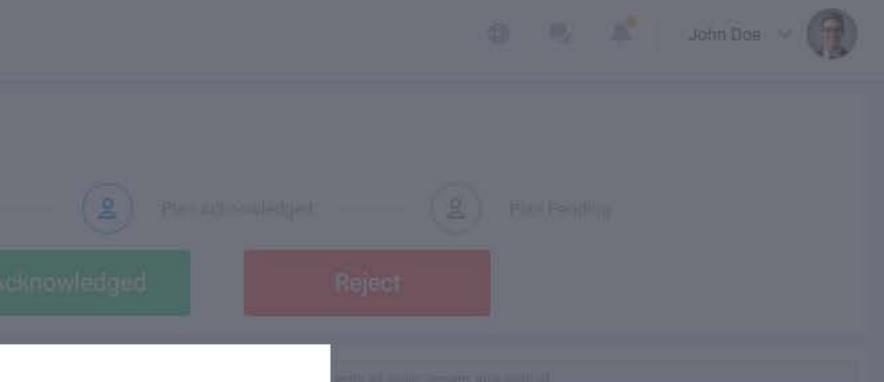
Rejected 12/13/2019 15:30:45



- 🛱 Home

- 🛆 Well
- 🗘 Settings





Date 9/15/2019 13:16:22

Hig Nome West Aurigo

Well Nume BWP2-OC 825-7

Water Dupth-

- 1000

Block 2591 Lensa

Well Identifier

Toble of Contents

(Text Plan Summar)	
Companient Vestilization Report	
Company (Verification Schematic)	4



ŵ	Home
ılı.	Dashboard
Ħ	Report
Ċ.	Approvals
۵	Well
₿	Test
٥	Settings

Plan Report

V Filter report	rts by title		×
Well > SWP2-GC 825-7		Procedure # 20-4568	Date 12/04/2019
✓ SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Approved	John Doe	12/13/201	9 15:30:45
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019

Workflow - Plan Approval



Plan Submitted

Component Verification Schematic

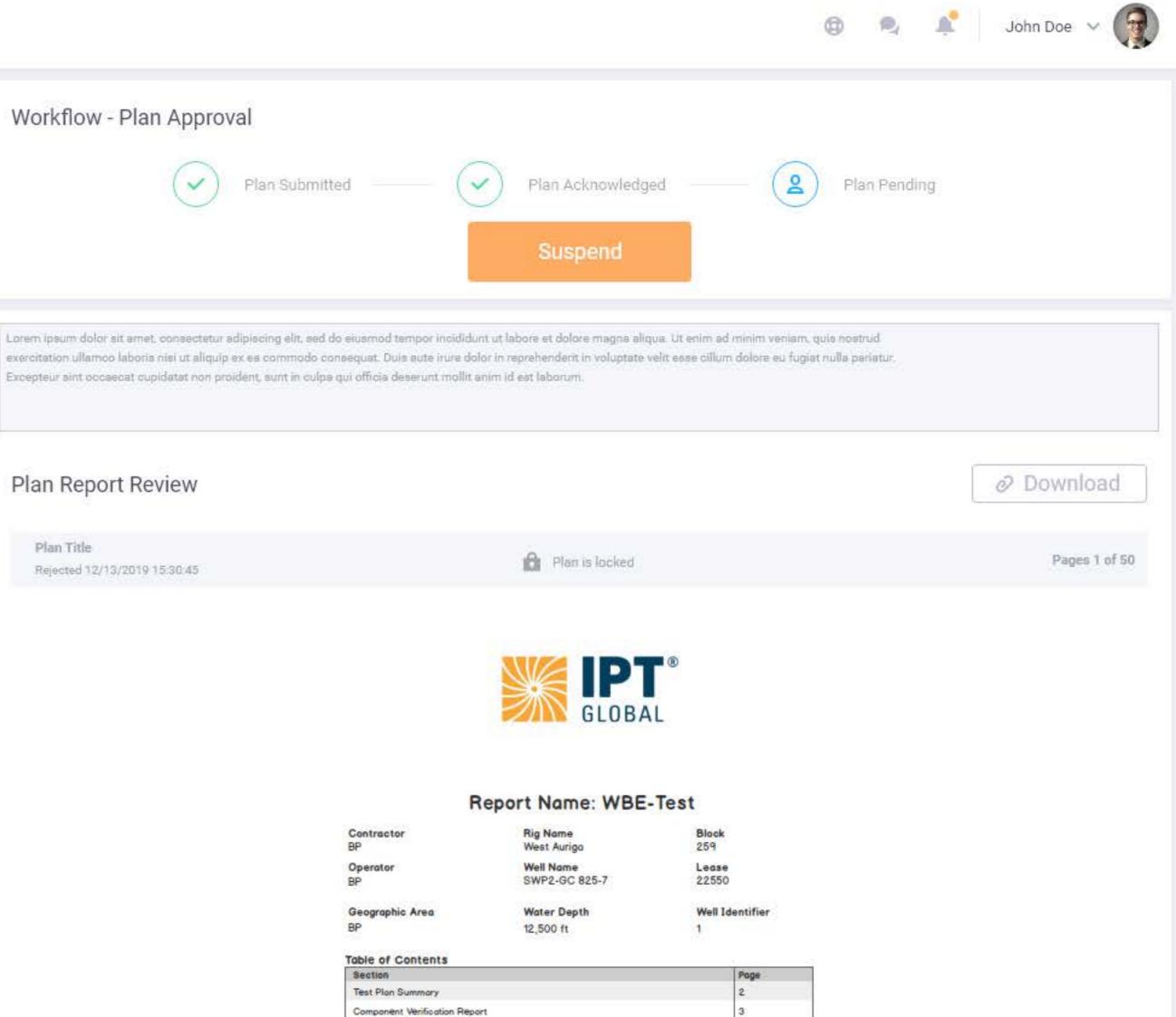
Step 1

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Plan Report Review

Plan Title

Rejected 12/13/2019 15:30:45

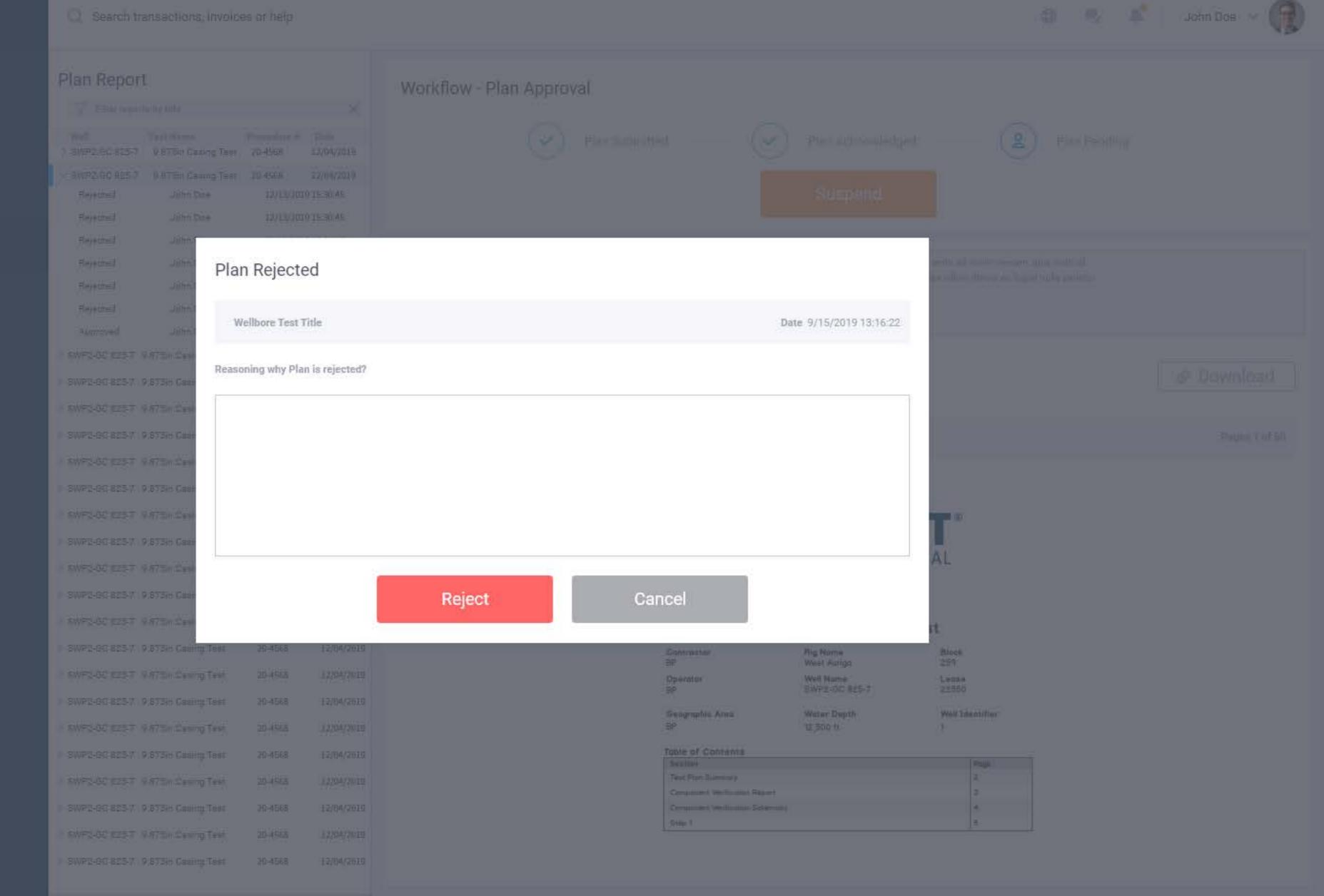


4:



- 🛱 Home

- 🛆 Well
- 🗘 Settings





ŵ	Home
.16	Dashboard
	Report
1	Approvals
۵	Well
₿	Test
٥	Settings

Plan Report

V Filter repo	rts by title		×
Well > SWP2-GC 825-7	Test Name 9.875in Casing Test	Procedure # 20-4568	Date 12/04/2019
V SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Approved	John Doe	12/13/201	9 15:30:45
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019

Workflow - Plan Approval



Plan Submitted

Component Verification Schematic

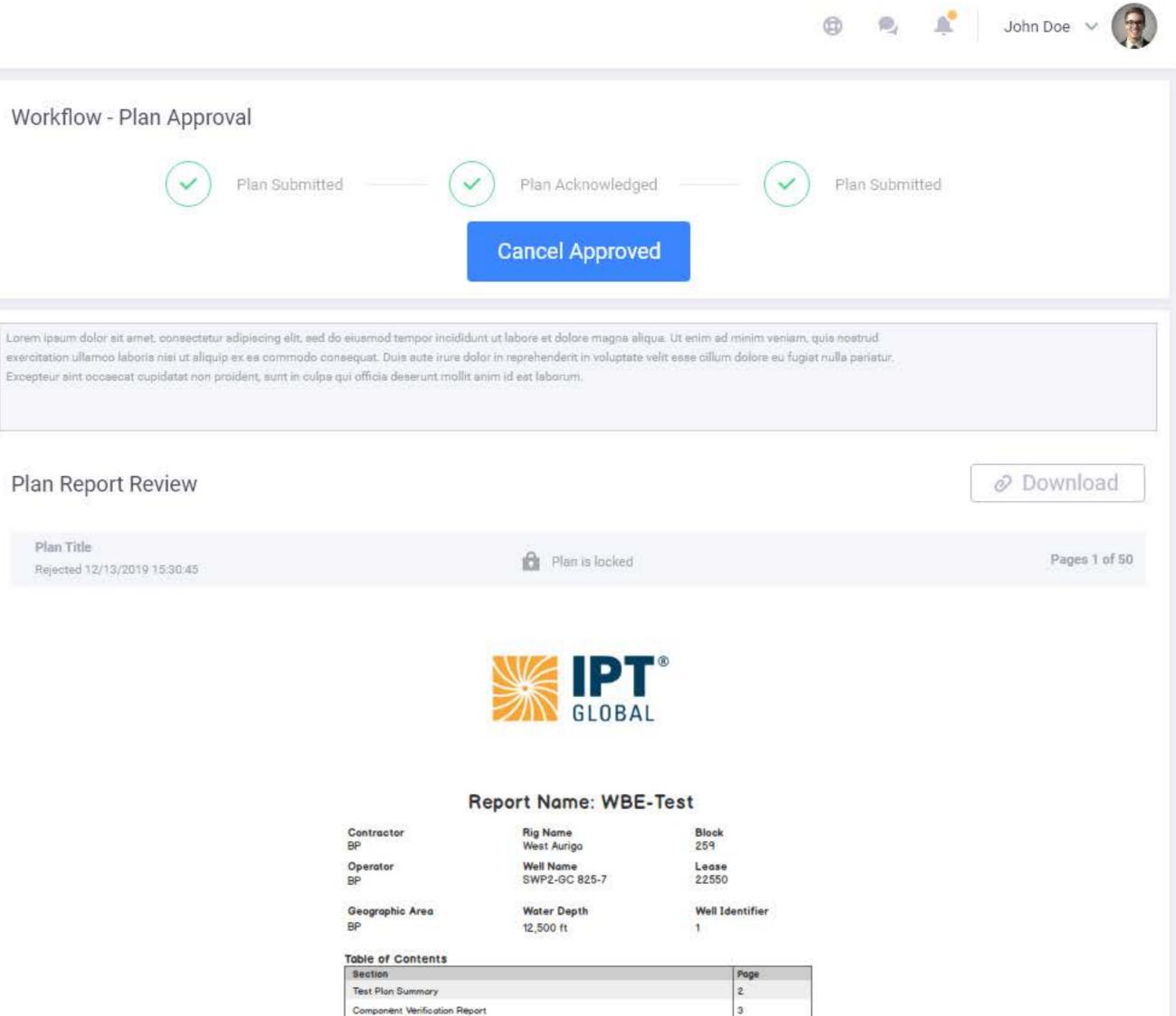
Step 1

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Plan Report Review

Plan Title

Rejected 12/13/2019 15:30:45

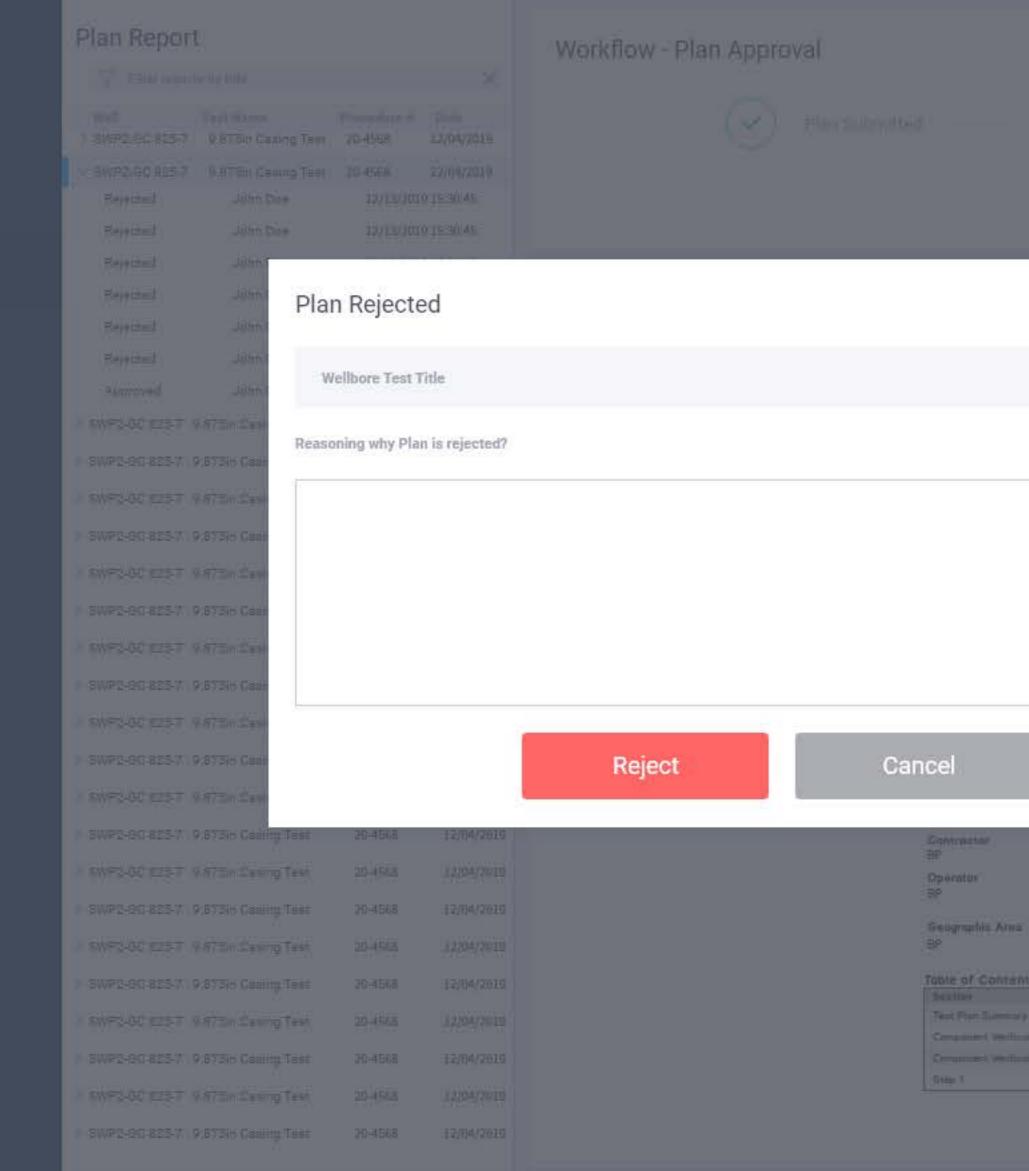


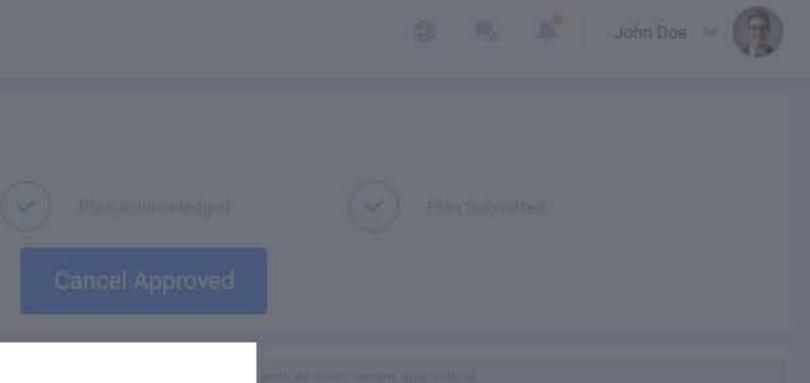
4:



- @ Home

- 🛆 Well
- 🗘 Settings





Date 9/15/2019 13:16:22

cel	
Gommeter BP	
Operator	

Rig Name West Aurigo Well Hume SWP2-OC 825-7

Water Dupth-

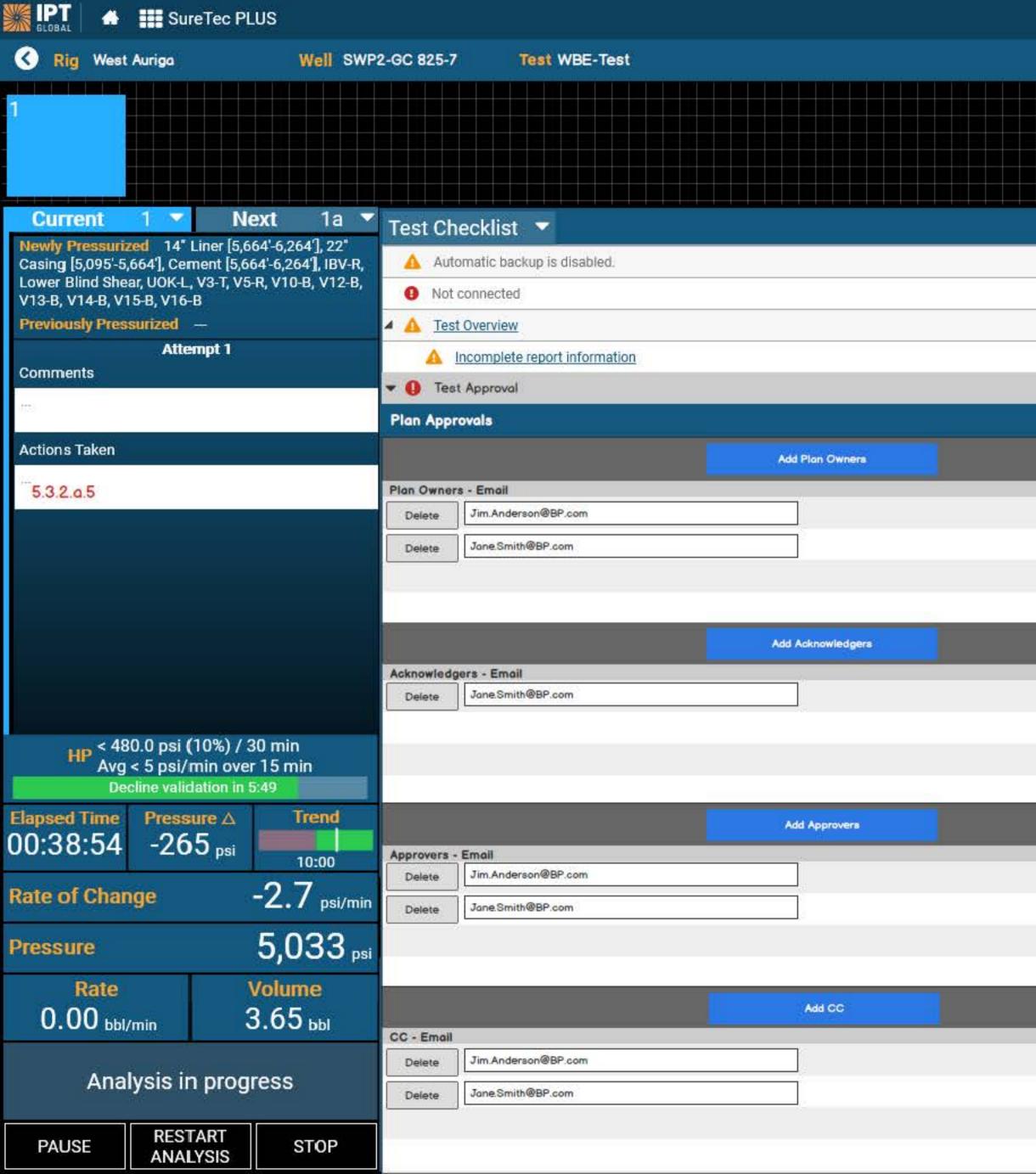
Block 2591 Lensa

- 1000

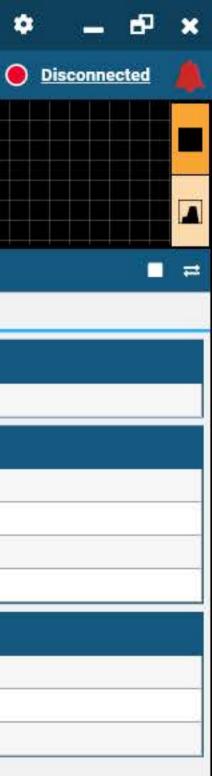
Well Identifier

Toble of Contents

(Text Plan Summary)	
Companient Vestilization Report	
Company (Verification Schematic)	4
	ā:



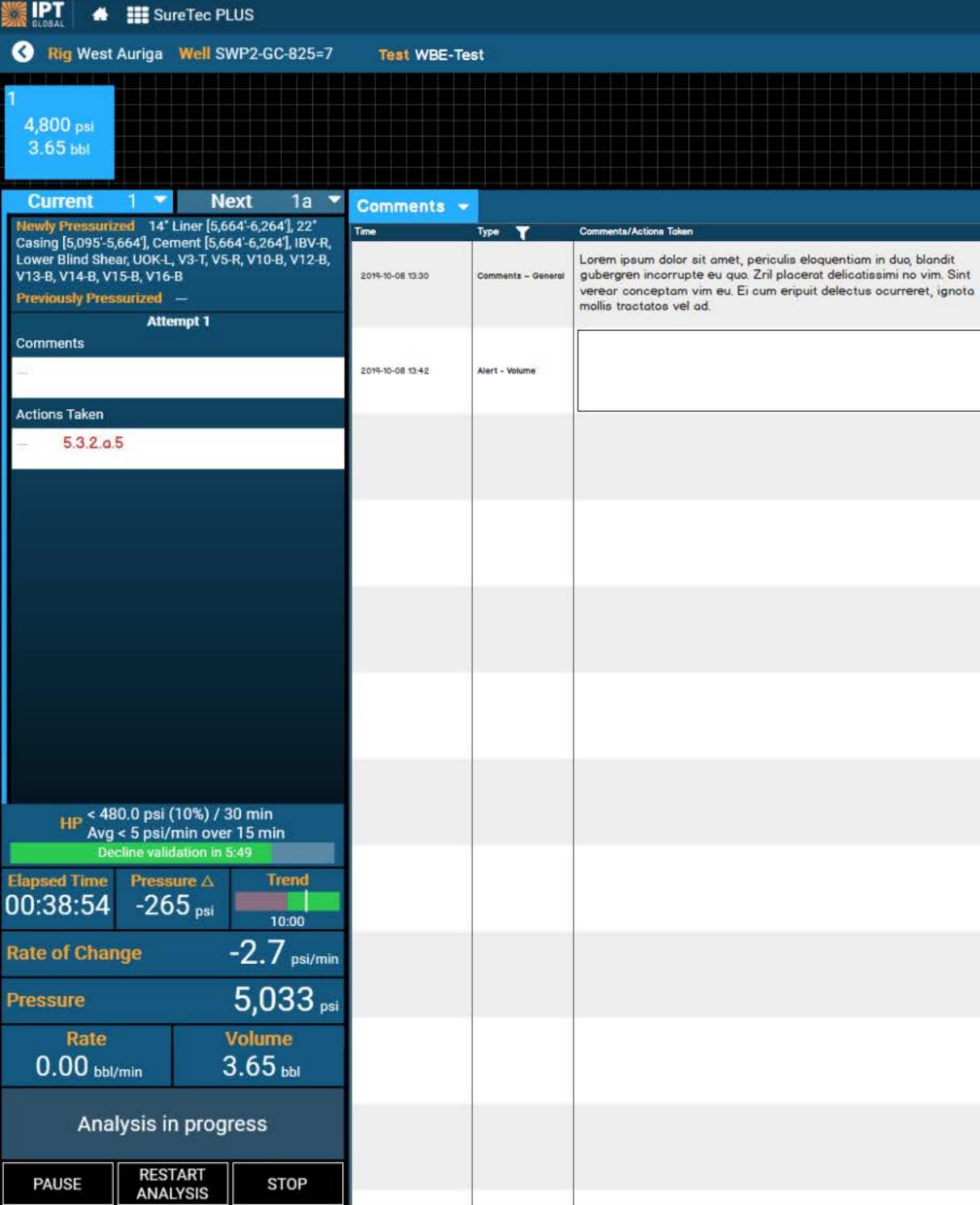
■	
Summary Report Inform	ation 🔍 Transducer
🖉 Comments - G	eneral
Comments	
🧭 Plan Informati	on
Name	Liner
Туре	Liner
Description	
Requires bleed between	attempts
Wellbore	
Wellbore	Wellbore 1
Current Phase	Phase 1
Phase Description	



							0 ± ↓ _ T ×
Kig West Aurig	a	Well SWP2	-GC 825-7 Test V	/BE-Test			Running 🧿 🔫 🔔
1 11,500 psi							
Current 1	Ne	xt 1a 🔻	Attempt 1 🛛 🤝				
Newly Pressurized	14" Liner [5,66	4'-6,264'], 22"	Compare				Action 💌
Casing [5,095'-5,664'] Lower Blind Shear, UC V13-B, V14-B, V15-B,	0K-L, V3-T, V5-I		Charts Summary				
Previously Pressuriz			Summary				
The second s	Attempt 1		Attempt				
Comments			Status				
1223			Start Time				
			End Time				
Actions Taken			Duration				
***			inal Pressure				
5.3.2.a.5			Total Volume				
480.0	psi (10%) / 3	0 min	Pressurized Components				
	psi (10%) / 3 psi/min over		A DESCRIPTION OF A DESC	mulative Volume			
R	validation in 5	:49		Planned Cumulative Volume (bbls)	Actual Pressure (psi)	Actual Cumulative Volume (bbls)	Actual Volume Bled (bbls)
	ressure ∆	Trend	250	2.1	344	2.2	*
00:38:54 -	265 _{psi}	10:00	1000	8.5	1082	10.1	×
Rate of Change	8	-2.7 psi/min					
Pressure		5,033 _{psi}					
Rate 0.00 bbl/min	1.11	/olume 8.65 ыл					
Analysi	is in progr	ess					
PALISE	RESTART	STOP					

						0 🕸 🗢 🗖 🗙
Kig West Auriga	Well SWP2	-GC 825-7 Test WE	BE-Test			Running 🥥 🖵 🔔
1 11,500 psi						
Current 1 🔻	Next 1a 🔻	Attempt 1 🔷				
Newly Pressurized 14" Liner [Casing [5,095'-5,664'], Cernent [Lower Blind Shear, UOK-L, V3-T, V13-B, V14-B, V15-B, V16-B	5,664'-6,264'], 22" 5,664'-6,264'], IBV-R,	Compare Charts Summary				Action
Previously Pressurized — Attempt 1 Comments	i	Summary Attempt Status				
 Actions Taken		Start Time End Time Duration				
	/ 20 min	Final Pressure Total Volume Pressurized Components				
HP < 480.0 psi (10%) Avg < 5 psi/min o Decline validation			Planned Cumulative Volume (bbls)	Actual Pressure (psi)	Actual Cumulative Volume (bbls)	Actual Volume Bled (bbls)
Elapsed Time Pressure △ 00:38:54 -265 ps	Trend	250 1000	2.1 8.5	344 1082	2.2 10.1	-
Rate of Change	-2.7 psi/min					
Pressure	5,033 _{psi}					
Rate 0.00 bbl/min	Volume 3.65 bbl					
Analysis in progress					Alert - Volume Test volume is over the test range.	lick here to confirm and add
PAUSE RESTART ANALYSIS	STOP				comments.	

🐣 🔛 SureTec PLUS

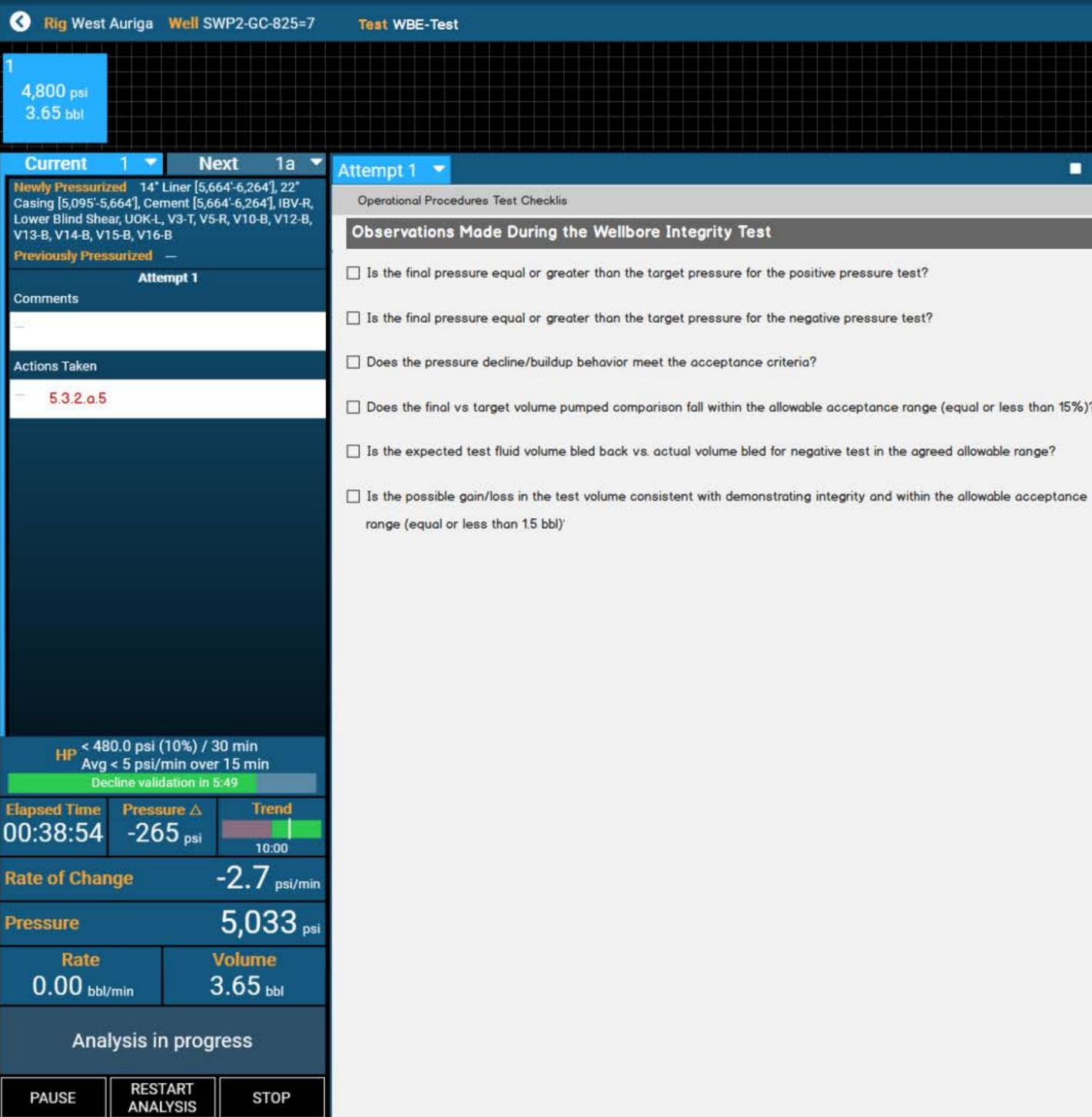


) <u>Connecte</u>
		Test Overview						
Signature	Action	Summary Report	Information Trans	ducer				
	View	Comments	s - General					
		Well Information	mation					
	Save	Water Depth		5,000				
		Plan Infor	mation					
		Name		Positive Test for 9	.875in Casing Te	est		
		Туре		Casing				
		Description		SWP2 - GC 825-7	Wellbore Integrit	y Positive Test #04 fo	or 9.875in Casing	Test
		Requires bleed be	tween attempts	Required				
		Wellbore						
		Wellbore		SWP2-GC 825-7 C	sg			
		Current Phase		Phase 1				
		Phase Description	n					
		🧭 Pipe Sizes	5					
		Pipe A		2 7/8				
		Pressure/Cumulative	the state of the s				40	
1		Pressure (pai)	Cumulative Volume F	Pumped (bois) Min	Max	Cumulative Volume Bi Volume	ed (bbis) Min	Max
		250	250	2.0	5.0	850	2.0	4.0
		1000	780	3.0	4.5	950	2.5	4.5



?

SureTec PLUS



			?	*	٠		1
					0	Conne	cte
کر کر او کر	د پر او و و و پر بز بر و و و و پر او و و	کر کے اور اور کا کر کا کر کر کر کا	ي و و و				
	Test Overview 🔻						
	Summary Report Information Trans	ducer					
	🧭 Comments - General						
?	Comments						
	Well Information						
1?	Water Depth	5,000					
	Plan Information						
450(10	Name	Positive Test for 9.875in Casing Test					
ge (equal or less than 15%)?	Туре	Casing					
reed allowable range?	Description	SWP2 - GC 825-7 Wellbore Integrity Positive Test	#04 for 9	.875in Ca	asing T	est	

SWP2-GC 825-7 Csg

Phase 1

27/8

Requires bleed between attempts Required

Wellbore

Current Phase

Phase Description

Pipe Sizes

Wellbore

Pipe A



		Sure	Tec PLUS					
🔇 R	ig We	est Auriga	Well	SWP2-GC 825-7	Test WBE-Test			
1								
Test C	heck	list 🔻						
• 🔿 T	est Con	npeted - Ready	to be Sent for Approv	vals.				
Туј	pe of T	est Liner		Test Name	9.875in Casing Test	Send	For Approvals	
Email	/Phone						Edit	_
	Owner John.D	oe@PB.com						
:	Jane.S	ers nderson@BP.co Smith@BP.com 55-5555						
Appro		oe@PB.com						
CC.	John.D	oe@PB.com						

😗 🕸 🌣

Test Overview 💌	
Summary Report Information 🕘 Transduce	er
Comments - General	532a1
Comments	
Well Information	
Water Depth	5,000
Plan Information	
Name	Positive Test for 9.875in Casing Test
Туре	Casing
Description	SWP2 - GC 825-7 Wellbore Integrity Positive Test #04 for 9.875in Casing
Requires bleed between attempts	Required
Wellbore	
Wellbore	SWP2-GC 825-7 Csg
Current Phase	Phase 1
Phase Description	
Pipe Sizes	
Pipe A	2 7/8

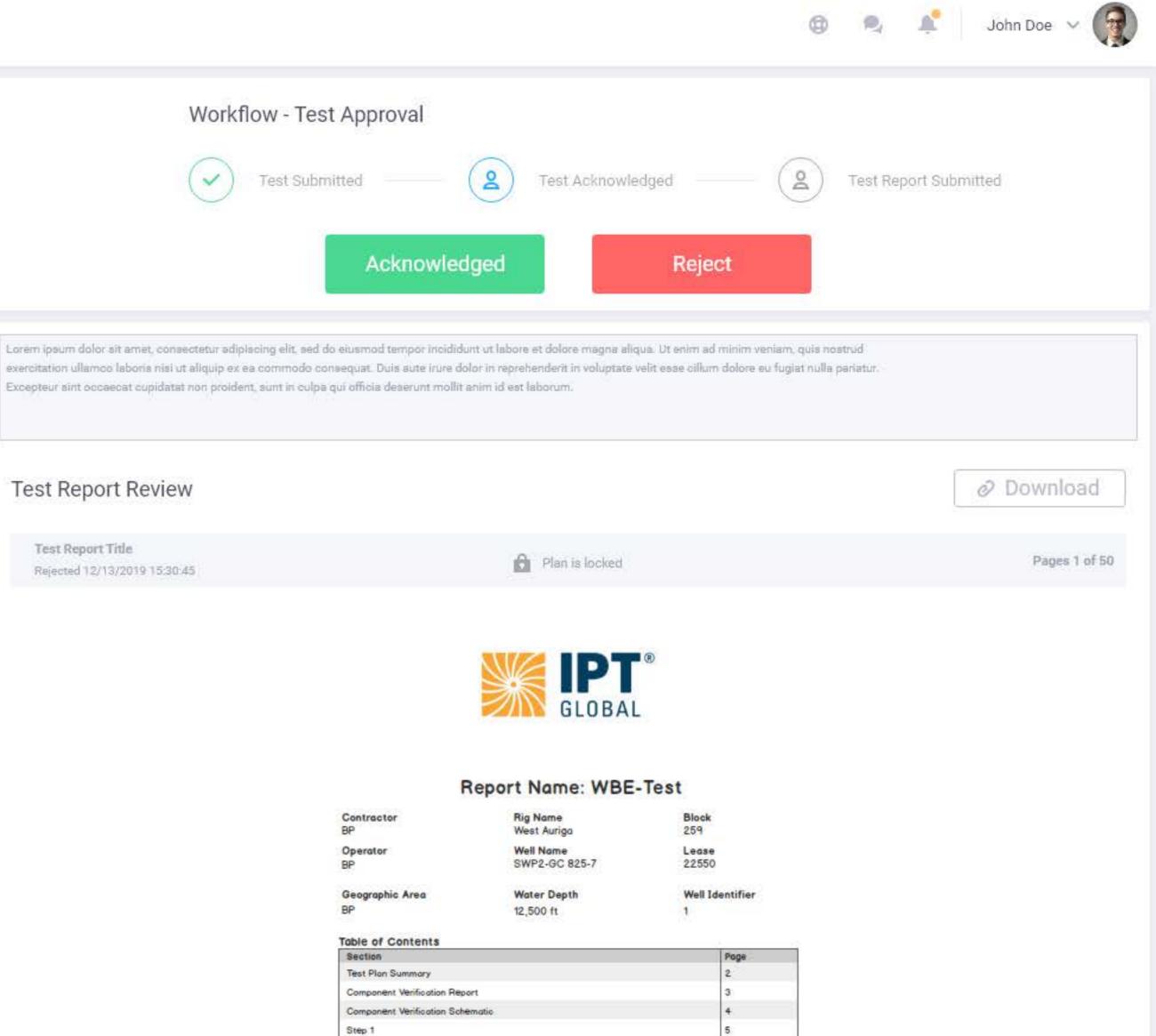
\Rightarrow	69	×
onnect	ed	
		Ц
		-



쉾 Home Dashboard E Report Approvals △ Well 🗉 Test Settings

Filter report	ts by title		×
Well	Test Name	Procedure #	Date
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
∨ SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Approved	John Doe	12/13/201	9 15:30:45
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/201
\$ 9WP2 C0 925 7	9.875in Casing Test	20-4568	12/04/2019

Q Search transactions, invoices or help

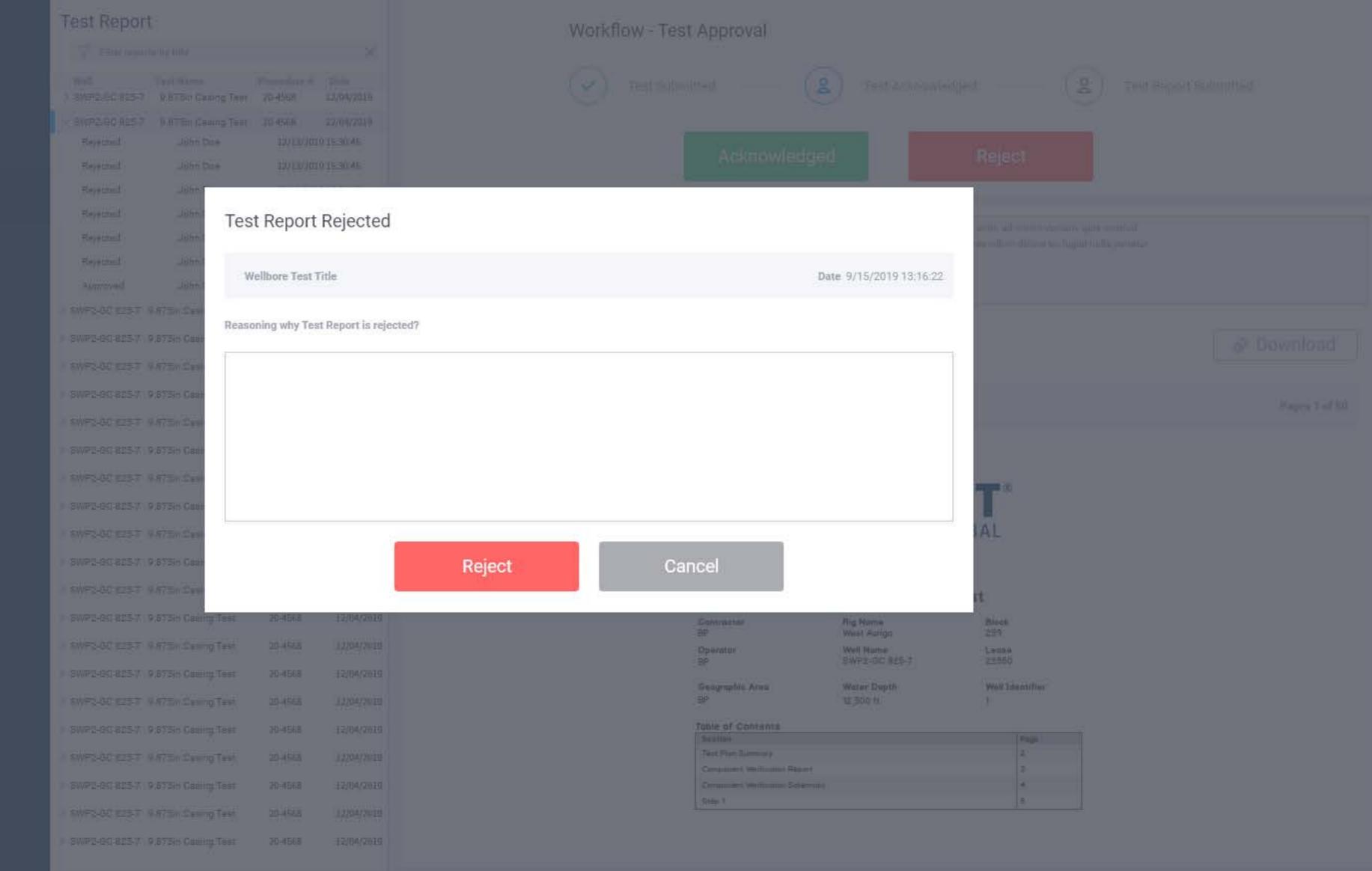


Test Report Review

Test Report Title Rejected 12/13/2019 15:30:45



- 🗊 Home
- Dashboard
- Report
- Approvals
- △ Well
- 🖽 Test
- 🗘 Settings







<u>ل</u>	Home
.lı	Dashboard
	Report
iظ ا	Approvals
۵	Well
▦	Test
٥	Settings

Test Report

V Filter repo	rts by title		×
Well > SWP2-GC 825-7	Test Name 9.875in Casing Test	Procedure # 20-4568	Date 12/04/2019
✓ SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Rejected	John Doe	12/13/201	9 15:30:45
Approved	John Doe	12/13/201	9 15:30:45
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019

Workflow - Test Approval

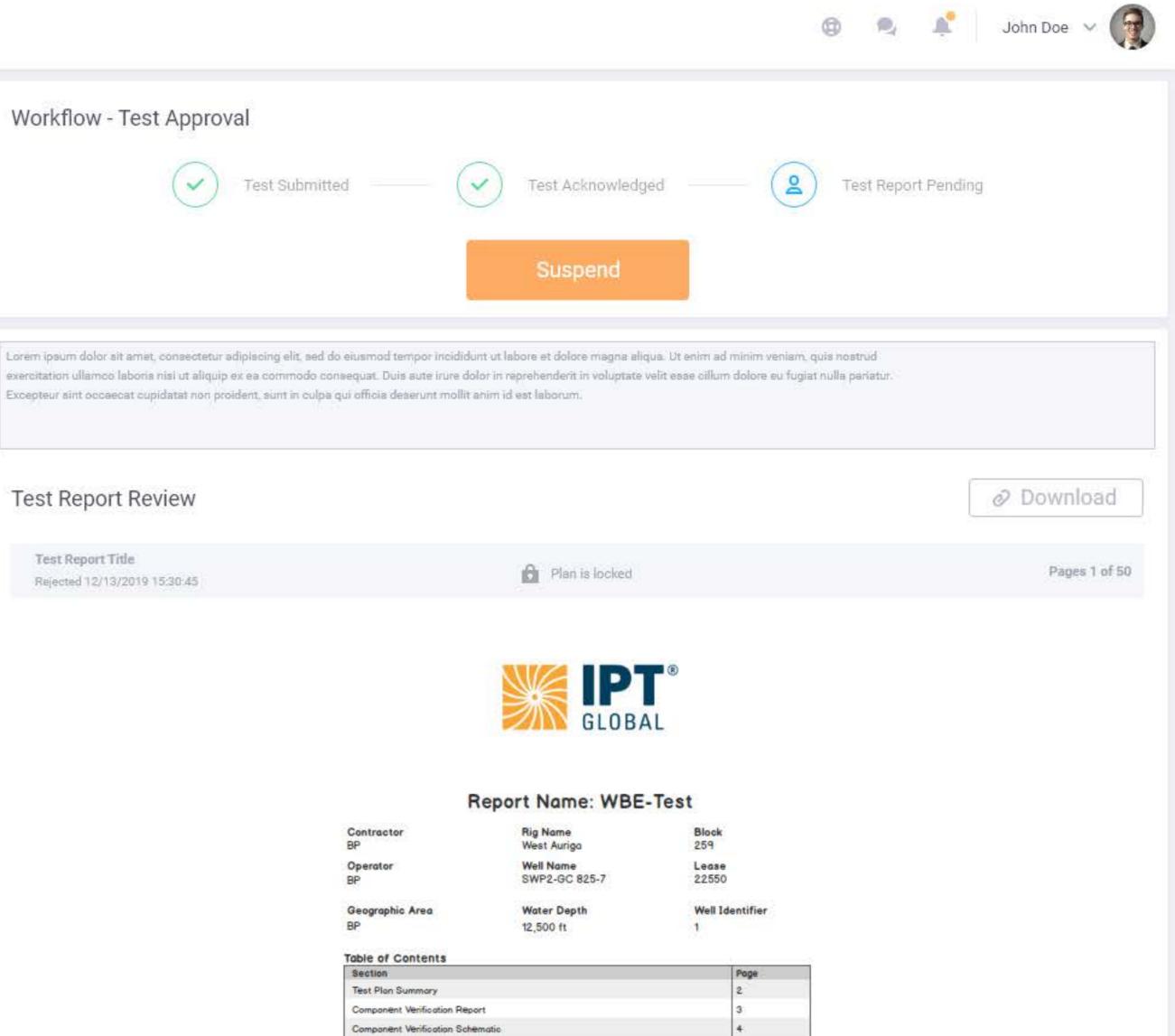


Step 1

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Test Report Review

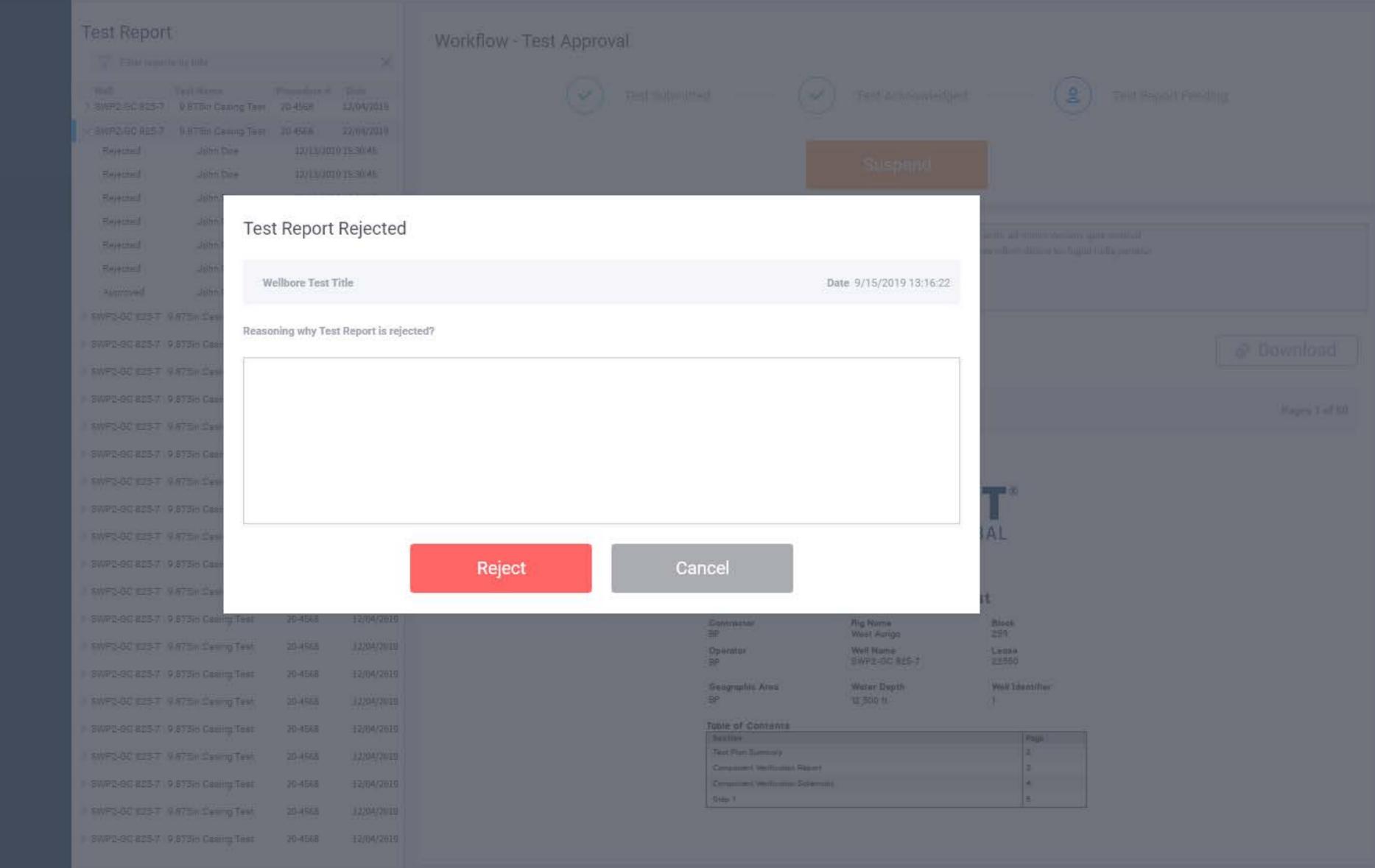
Test Report Title Rejected 12/13/2019 15:30:45





- 🛱 Home

- 🛆 Well
- 🗘 Settings



John Dee 🖉



û	Home
.16	Dashboard
	Report
i	Approvals
۵	Well
₿	Test
٥	Settings

Filter repor	ts by title		×	
Well	Test Name	Procedure #	Date	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
∨ SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
Rejected	John Doe	12/13/2019 15:30:45 12/13/2019 15:30:45 12/13/2019 15:30:45		
Rejected	John Doe			
Rejected	John Doe			
Rejected	John Doe	12/13/2019 15:30:45		
Rejected	John Doe	12/13/2019 15:30:45		
Rejected	John Doe	12/13/2019 15:30:45		
Approved	John Doe	12/13/201	9 15:30:45	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	
> SWP2-GC 825-7	9.875in Casing Test	20-4568	12/04/2019	

Workflow - Test Approval

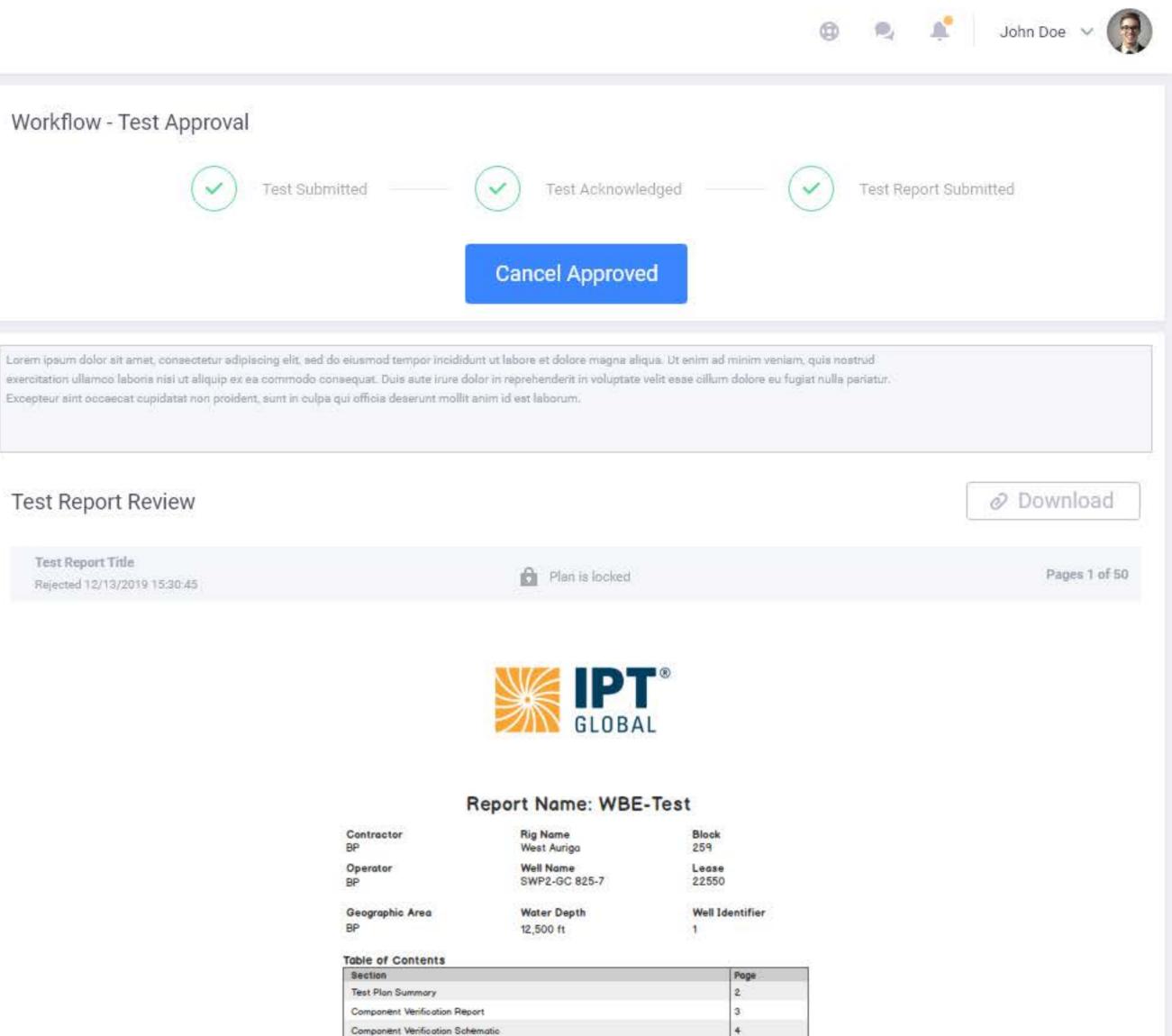


Step 1

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Test Report Review

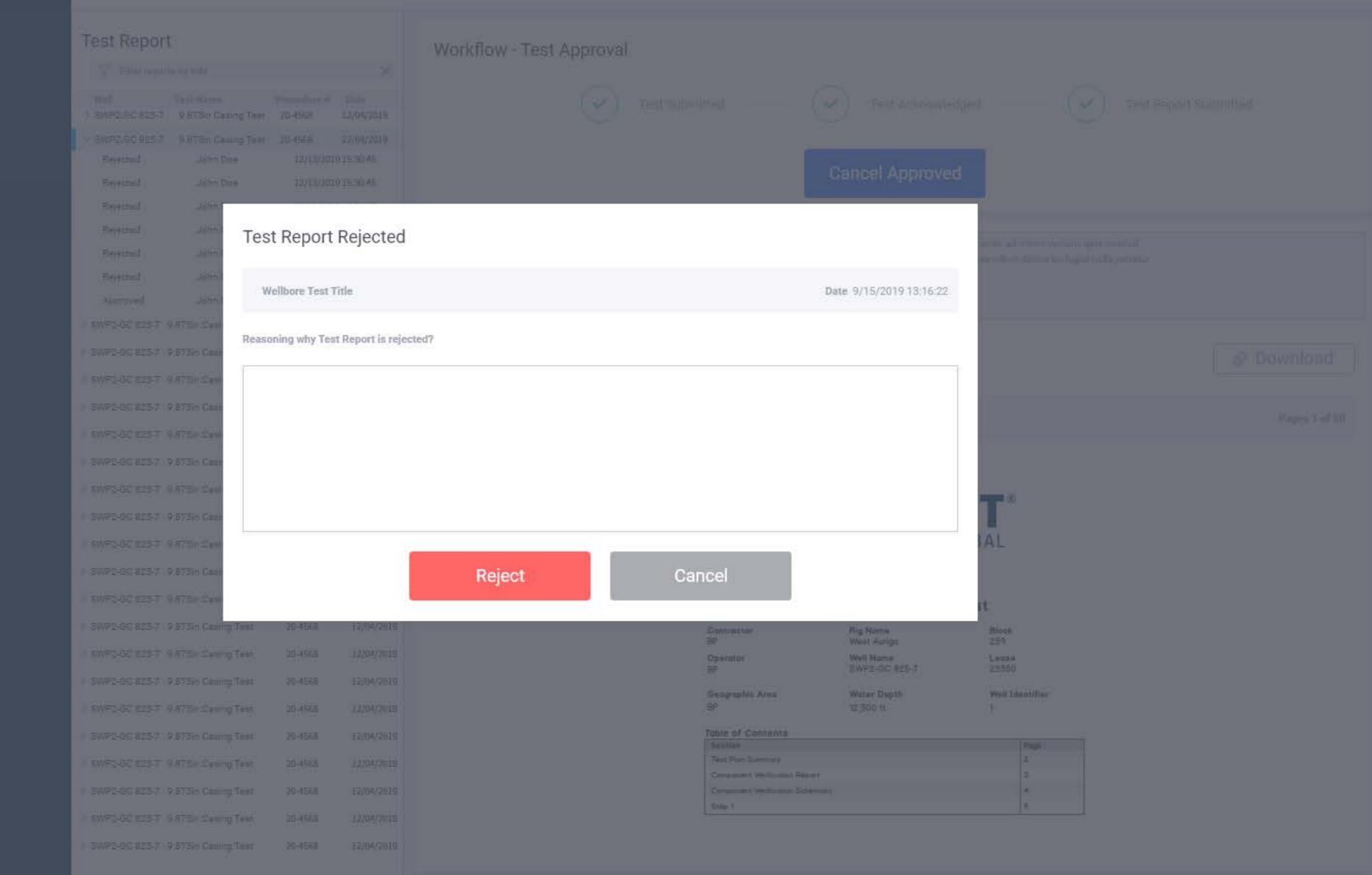
Test Report Title Rejected 12/13/2019 15:30:45





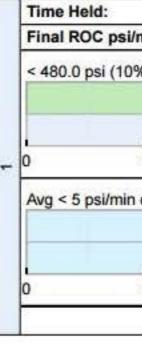
- 🛱 Home

- 🛆 Well
- 🗘 Settings



John Des 🖉









Positive Test for 9.875in Casing Test - Draft

Phase 1

Contractor contractor name

Operator BP

Geographic Area GoM

Test Started 2020-01-20 00:00 (UTC-6)

Rig Name West Auriga

Well Name SWP2-GC-825-7

Water Depth 5000 ft

Test Ended 2020-01-20 01:23 (UTC-6)

Block 09

Lease 659824-06

Well Identifier SWP2

Test Duration (h:m:s) 01:23:16

Table of Contents

Section	Page	
General Information	2	
Signature Page	3	
Wellbore Definition	4	
Test Result Summary	5	
Test Execution Summary	6	
Phase 1, Step 1	7	
Pressure History	10	

Positive Test for 9.875in Casing Test - Draft

Phase 1, Step 1

Notes: Hold Point D13: Verify positive pressure test of casing/liner/ and/or casing hanger seal assembly/lock down sleeve installation - to be approved by WSUP.

✓ Pass

Hold Point D15: Verify intergrity (positive test) of lower and upper suspension barriers.

Not Verified: Lower Blind Shear, IBV-R, UOK-L, V3-T, V16-B, V12-B, V5-R, V13-B, V14-B, V10-B, V15-B, 22" Casing [5,095'-5,664'], 14" Liner [5,664'-6,264'], Cement [5,664'-6,264']

Test Pressure: 4,800psi | Box Length: 30min | Maximum Decline: 480psi (10%) With Flat-Line: Avg < 5 psi/min over 15 min

00	:45:59	Initial psi:	6,274	Final psi:	6,066	Pressure Change:	-208
/min:	-1.8						
%)/30	min						Pass
						1	
		1					
5		10	15	20	25	30	
over 1	5 min						Pass
			1			1	
5		10	15	20	25	30	
				Volume (bbl): 2	7.00		