

Job Summary

 Ticket Number
 TN# **BCO-1811-0038** Ticket Date
11/6/2018

COUNTY	COMPANY	API Number
Weld	ANADARKO PETROLEUM CORPORATION	05-123-15657
WELL NAME	RIG	JOB TYPE
Spits 1-17	Ensign 319	Plug to Abandon
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.230576/ 104.794661	Cody Michel	Jose Castillo

EMPLOYEES
<i>Tony Yates</i>
<i>John Clark</i>
<i>Austin Holloway</i>
<i>John Lacome</i>

WELL PROFILE			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	7100	0	7100
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2 3/8	4.7		0	7100	0	7100
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	6663	To Depth (ft):	7100
Type: Nio Plug	Volume (sacks):	25	Volume (bbls):	6.8
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
	Thermal-35	15.8	1.52	6.20

Stage 2:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 3:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

SUMMARY

Preflushes:	bbls of		Calculated Displacement (bbl):	25.5	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	25.5		
	bbls of		Plug Bump (Y/N):		Bump Pressure (psi):	
Total Preflush/Spacer Volume (bbl):			Lost Returns (Y/N):		(if Y, when)	
Total Slurry Volume (bbl):						
Total Fluid Pumped						
Returns to Surface:						

Job Notes (fluids pumped / procedures / tools / etc.):

Pumped 25 sks (6.8 bbl) Thermal-35 and displaced 25.5 bbls to balance. Estimated TOC of 6663 ft

Customer Representative Signature:

 Thank You For Using
 CJES O-TEX Cementing

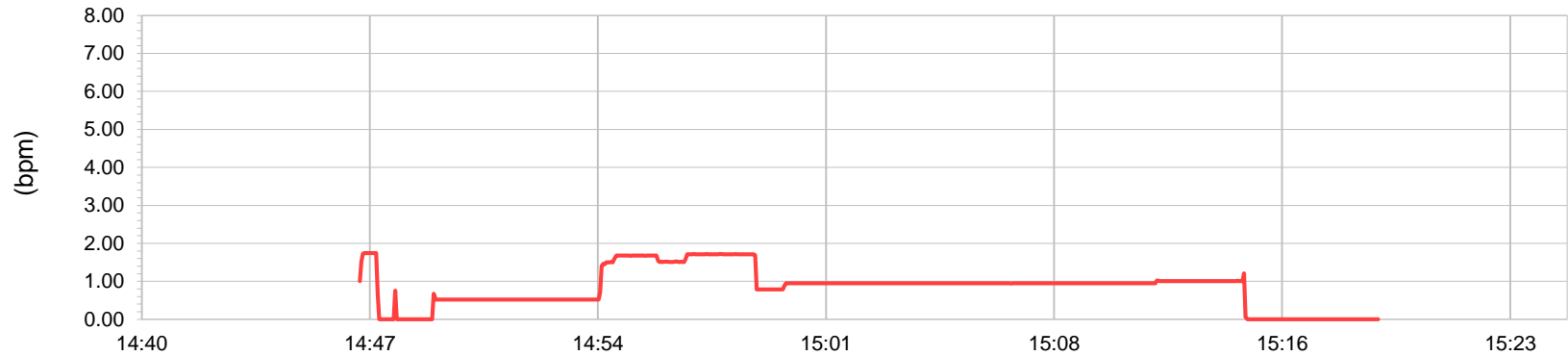
Cement Job Log

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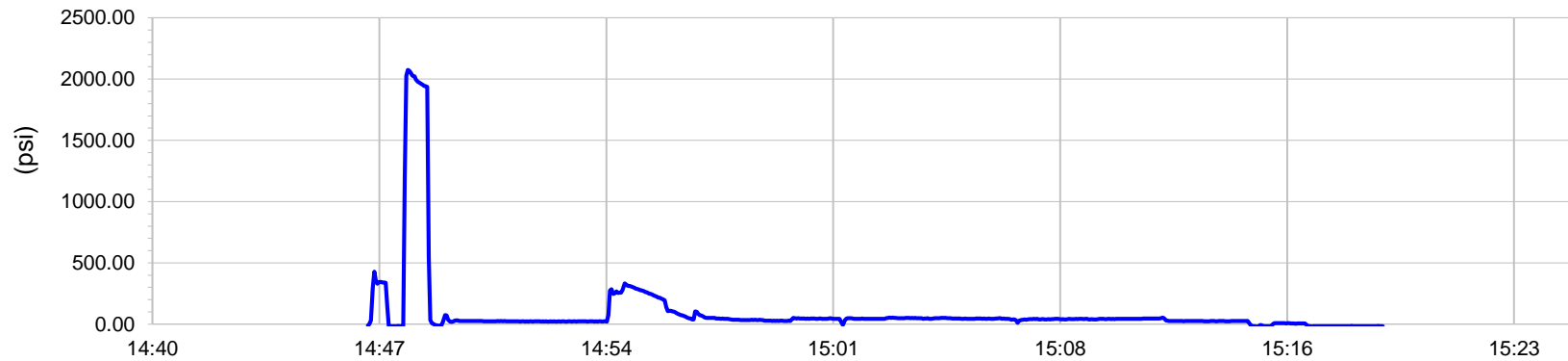


Client	Anadarko	Client Rep	Jose Casillo	Supervisor	Cody Michel
Ticket No.	BCO-1811-0038	Well Name	Spits 1-17	Unit No.	445047
Location	NENE 17 3N66W	Job Type	Nio Plug	Service District	Brighton, CO
Comments	See Job Log			Job Date	11/6/2018

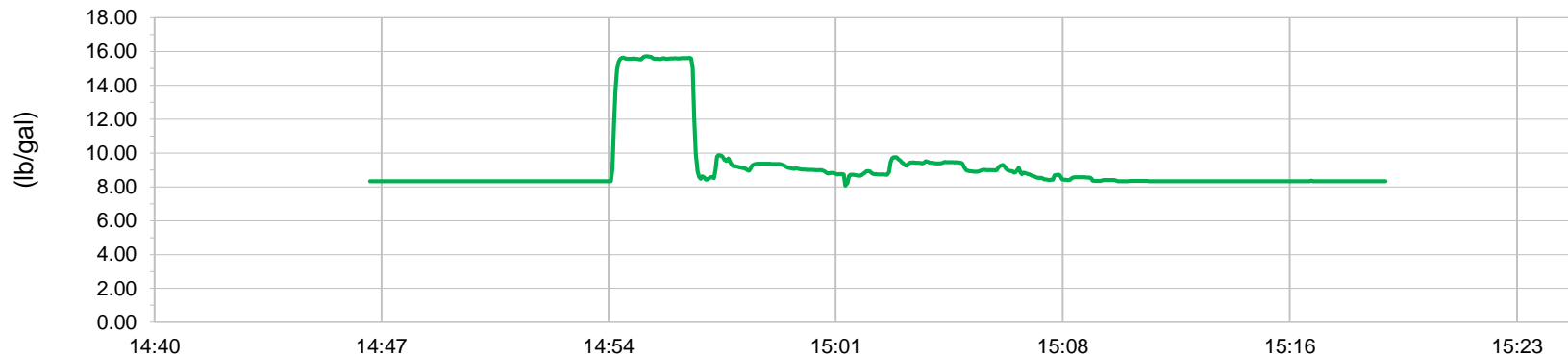
Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density





Job Summary

Ticket Number		Ticket Date	
TN#	BCO-1811-0079	11/7/2018	
COUNTY	COMPANY	API Number	
Weld	ANADARKO PETROLEUM CORPORATION	05-123-15657	
WELL NAME	RIG	JOB TYPE	
Spits 1-17	Ensign 319	Squeeze Job	
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP	
40.230669 -104.794731	Derek Scott	Jose Castillo	

EMPLOYEES

WELL PROFILE

Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7.87	4160	4565		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	4193		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	4565		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	4160	To Depth (ft):	4565
Type: Squeeze	Volume (sacks):	90	Volume (bbls):	38.6
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
Stage 2:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
Stage 3:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.

SUMMARY

Preflushes:	6 bbls of Fresh Water	Calculated Displacement (bbl):	16.2	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):	13.2		
	bbls of				
Total Preflush/Spacer Volume (bbl):	6	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	38.6	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	57.8				
Returns to Surface:		0 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

CICR @ 4193'. Holes @ 4160' & 4565'. Left 3bbls on CICR. Job went well.

Customer Representative Signature:

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CJES O-TEX Cementing

Cement Job Log

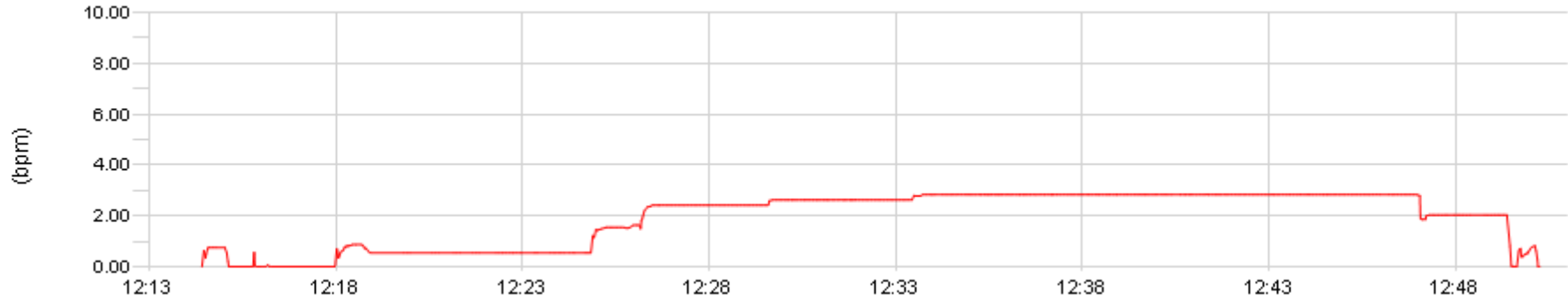
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Client	Anadarko	Client Rep	Jose Castillo
Ticket No.	18110079	Well Name	Spits 1-17
Location	NENE 17-3N-66W	Job Type	Retainer Squeeze
Comments	90sxSussex blend @ 12.0ppg 2.41yield		

Supervisor	Derek Scott
Unit No.	445033
Service District	Brighton, CO
Job Date	11/07/2018

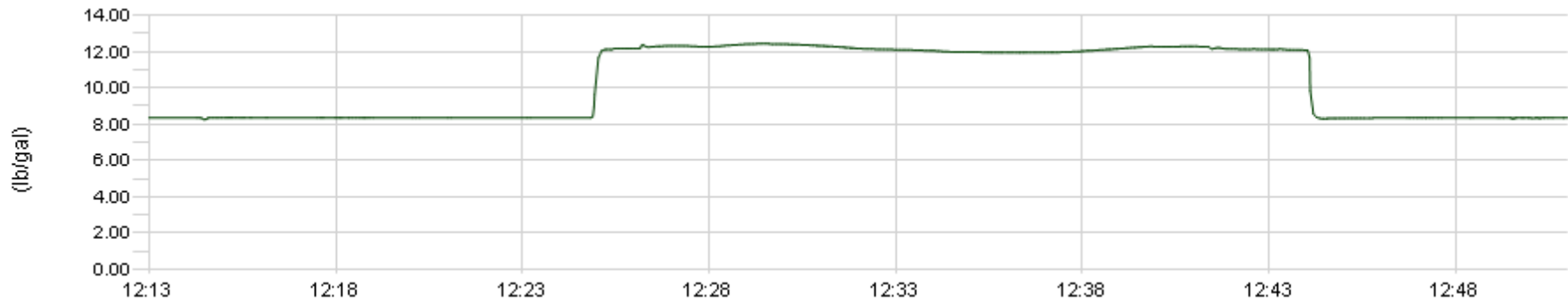
Unit 445033 Rate Total



Unit 445033 Pump Pressure



Unit 445033 Density



<div style="text-align: center;"> <h2 style="margin: 0;">Job Summary</h2> </div>		Ticket Number		Ticket Date			
		TN#	BCO-1811-0058	11/8/2018			
COUNTY	COMPANY		API Number				
Weld	ANADARKO PETROLEUM CORPORATION		05-123-15657				
WELL NAME	RIG	JOB TYPE					
Spits 1-17	Ensign 319	Plug to Abandon					
SURFACE WELL LOCATION		CJES Field Supervisor		CUSTOMER REP			
40.230669 -104.794731		Derek Scott		Jose Castillo			
EMPLOYEES							
WELL PROFILE							
Max Treating Pressure (psi):				Bottom Hole Static Temperature (°F):			
Bottom Hole Circulating Temperature (°F):				Well Type:			
Open Hole							
1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)		
	7.87	503	1160				
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)		
Casing/Tubing/Drill Pipe							
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24		0	503		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		1160	1260		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	1260		
CEMENT DATA							
Stage 1:		From Depth (ft):	0	To Depth (ft):	1260		
Type: Stub Plug		Volume (sacks):	385	Volume (bbls):	87		
		Cement & Additives:	Density (ppg)		Yield (ft³/sk)	Water Req.	
		Migraseal	14.8		1.37	6.56	
Stage 2:		From Depth (ft):		To Depth (ft):			
Type:		Volume (sacks):		Volume (bbls):			
		Cement & Additives:	Density (ppg)		Yield (ft³/sk)	Water Req.	
Stage 3:		From Depth (ft):		To Depth (ft):			
Type:		Volume (sacks):		Volume (bbls):			
		Cement & Additives:	Density (ppg)		Yield (ft³/sk)	Water Req.	
Stage 4:		From Depth (ft):		To Depth (ft):			
Type:		Volume (sacks):		Volume (bbls):			
		Cement & Additives:	Density (ppg)		Yield (ft³/sk)	Water Req.	
SUMMARY							
Preflushes:		6	bbls of	Fresh Water	Calculated Displacement (bbl):		Stage 1
			bbls of		Actual Displacement (bbl):		Stage 2
			bbls of				
Total Preflush/Spacer Volume (bbl):		6	Plug Bump (Y/N):		N/A	Bump Pressure (psi):	
Total Slurry Volume (bbl):		87	Lost Returns (Y/N):		N	(if Y, when)	
Total Fluid Pumped		93					
Returns to Surface:				bbls			
Job Notes (fluids pumped / procedures / tools / etc.):							
Got cement to surface before we were done pumping cement. Circulated hole clean @ 100'. Job went well.							
Thank You For Using							
CJES O-TEX Cementing							
Customer Representative Signature: _____							

Cement Job Log

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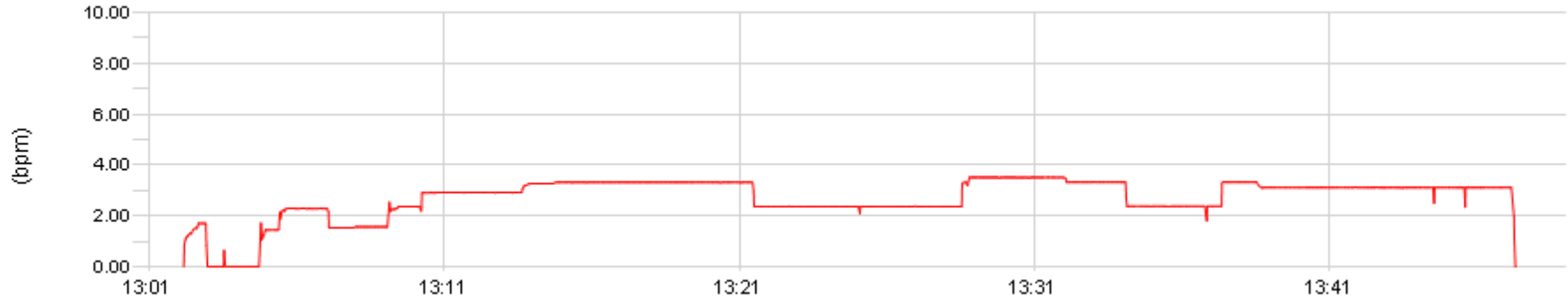


Client Anadarko
Ticket No. 18110058
Location NENE 17-3N-66W
Comments 357sx Migraseal @ 14.6ppg 1.37yield

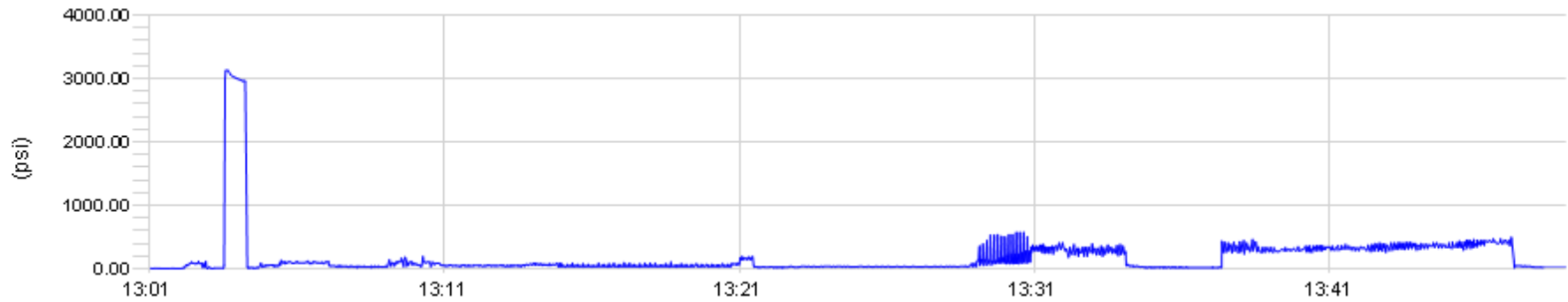
Client Rep Jose Castillo
Well Name Spits 1-17
Job Type Abandonment Plugs

Supervisor Derek Scott
Unit No. 445052
Service District Brighton, CO
Job Date 11/08/2018

Unit 445052 Rate Total



Unit 445052 Pump Pressure



Unit 445052 Density

