



Job Summary

Ticket Number	Ticket Date
TN# BCO-1811-0038	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:	25 bbls of		Calculated Displacement (bbl):	25.5	25.5
	25 bbls of		Actual Displacement (bbl):	25.5	
	25 bbls of		Plug Bump (Y/N):	Y	Bump Pressure (psi): 25.5
Total Preflush/Spacer Volume (bbl):	25		Lost Returns (Y/N):	N	(if Y, when)
Total Slurry Volume (bbl):	25				
Total Fluid Pumped	25				
Returns to Surface:	25				

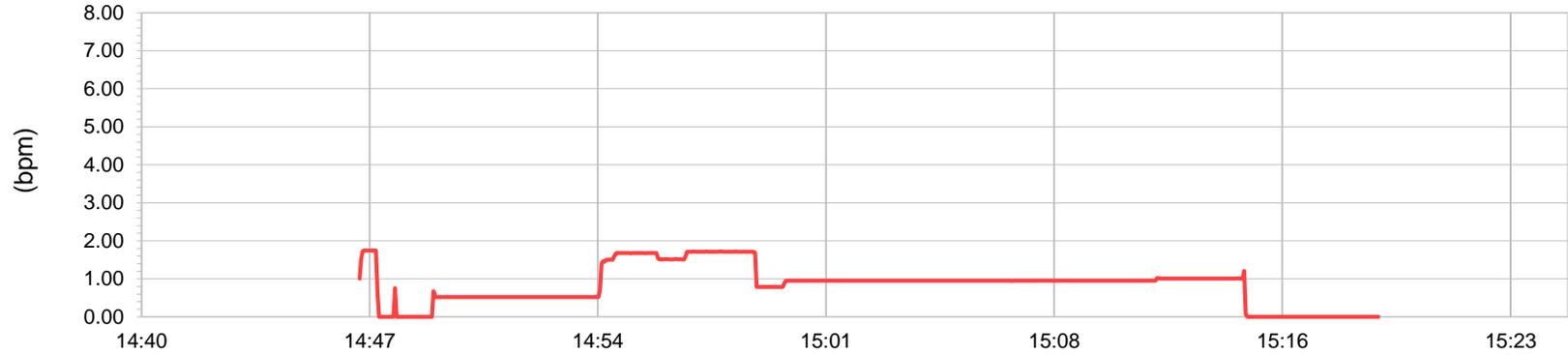
Job Notes (fluids pumped / procedures / tools / etc.): **Pumped 25 sks (6.8 bbl) Thermal-35 and displaced 25.5 bbls to balance. Estimated TOC of 6663 ft**

Customer Representative Signature: _____ **Thank You For Using CJES O-TEX Cementing**

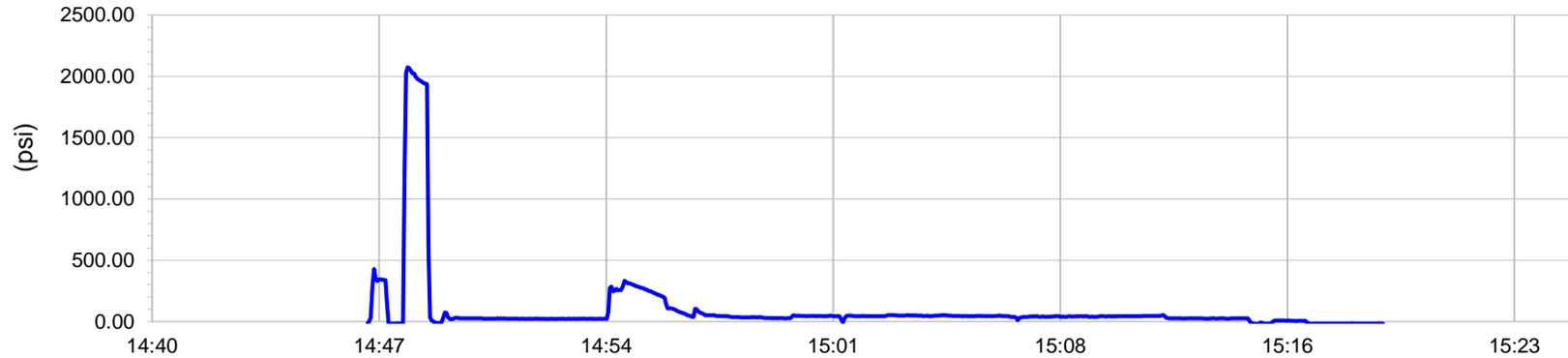


Client	Anadarko	Client Rep	Jose Casillo	Supervisor	Cody Michel
Ticket No.	BCO-1811-0038	Well Name	Spits 1-17	Unit No.	445047
Location	NENE 17 3N66W	Job Type	Nio Plug	Service District	Brighton, CO
Comments	See Job Log			Job Date	11/6/2018

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

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

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		
Production	4.5	11.6		0	4565		

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 	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Preflush/Spacer Volume (bbl):	6	Lost Returns (Y/N):	N (if Y, when _____)		
Total Slurry Volume (bbl):	38.6				
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.**

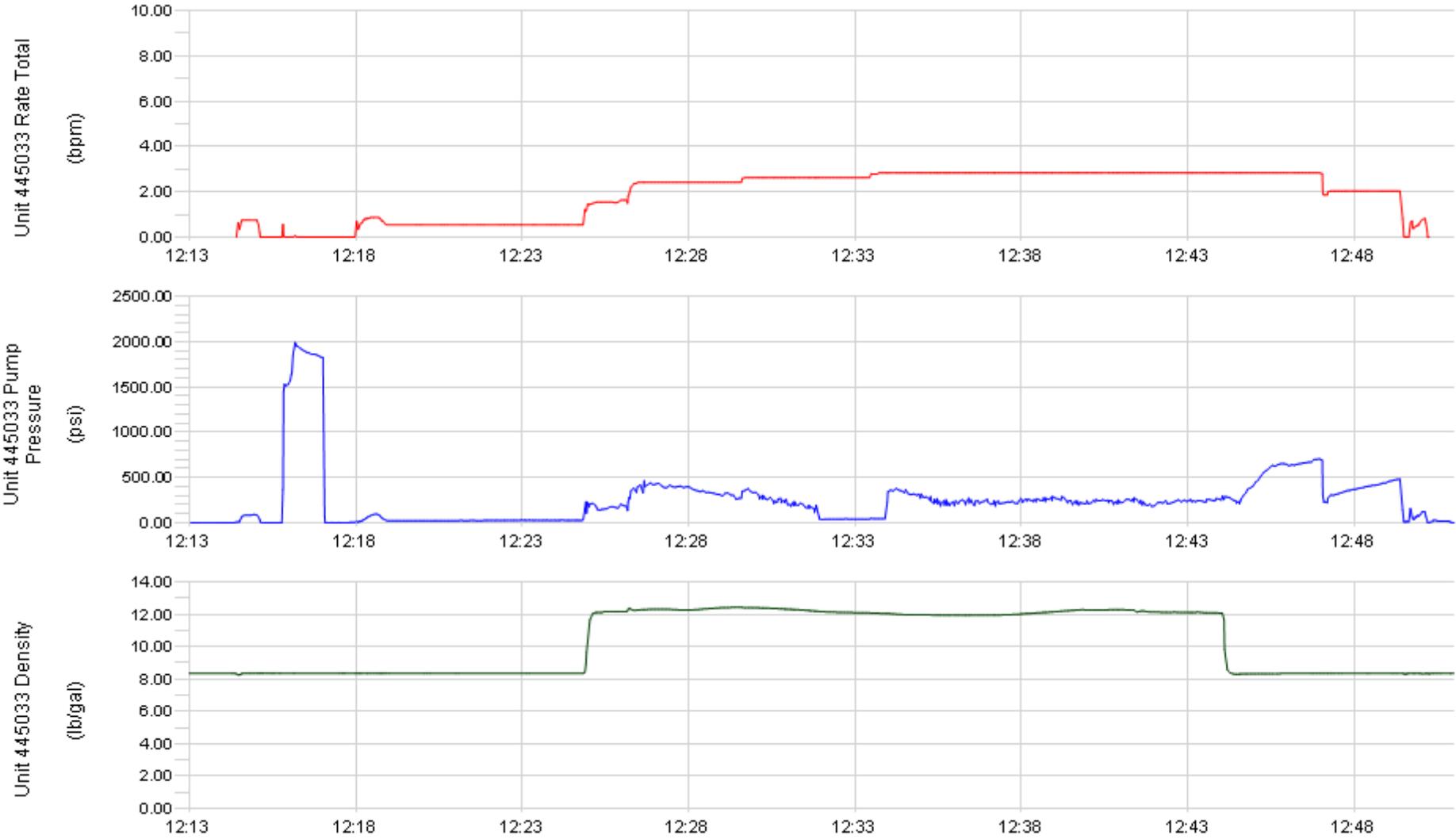
Customer Representative Signature: _____ **Thank You For Using CJES O-TEX Cementing**



Client Anadarko
Ticket No. 18110079
Location NENE 17-3N-66W
Comments 90sxSussex blend @ 12.0ppg 2.41yield

Client Rep Jose Castillo
Well Name Spits 1-17
Job Type Retainer Squeeze

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





Job Summary

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		
Production	4.5	11.6		1160	1260		
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 (ft ³ /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 (ft ³ /sk)	Water Req.

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

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.

SUMMARY

Preflushes:	6 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl):		
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:				

Job Notes (fluids pumped / procedures / tools / etc.): **Got cement to surface before we were done pumping cement. Circulated hole clean @ 100'. Job went well.**

Customer Representative Signature: _____ **Thank You For Using CJES O-TEX Cementing**



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

