



Job Summary

Ticket Number	FL3012	Ticket Date	2/1/2018
TN#		API Number	
COMPANY	PDC Energy, Inc.		
WELL NAME	Weld	JOB TYPE	Balanced Plugs
SURFACE WELL LOCATION	Cook 20D	CUSTOMER REP	Eduardo Chavez
NESE 20-6N-63W	Ranger #14		
EMPLOYEES	Jeff Kopp		
	McFarland, James		
	Phillips, James		

WELL PROFILE

Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

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)
Tubing	2.375	4.7	J-55	2559	0	724	0
Production	4.5	10.5	P-110	2559	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)

CEMENT DATA

Stage 1: Type: **Plug 1**

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbbls):

Cement & Additives: 100% Class G

Density (ppg)	Yield (ft ³ /sk)	Water Req.
15.8	1.15	5.00

Stage 2: Type: **Plug 2**

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbbls):

Cement & Additives:		
100% Class G	Density (ppg)	Yield (ft ³ /sk)
	15.8	1.15
		Water Req.
		5.00

SUMMARY

Preflushes:	4.5 bbls of Fresh Water	Calculated Displacement (bbl):	9.4
	2 bbls of Fresh Water	Actual Displacement (bbl):	10.3
	bbls of		
Total Preflush/Spacer Volume (bbl):	6.5	Plug Bump (Y/N):	N/A
Total Slurry Volume (bbl):	17.5	Lost Returns (Y/N):	N (if Y, when)
Total Fluid Pumped	34.3		
Returns to Surface:	Cement	1	bbbls

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

Job pumped per customers request. Job went well. Mixed up 85sxs total for both plugs but only pumped 80.5sxs

Customer Representative Signature:

Thank You For Using
O-TEX Cementing

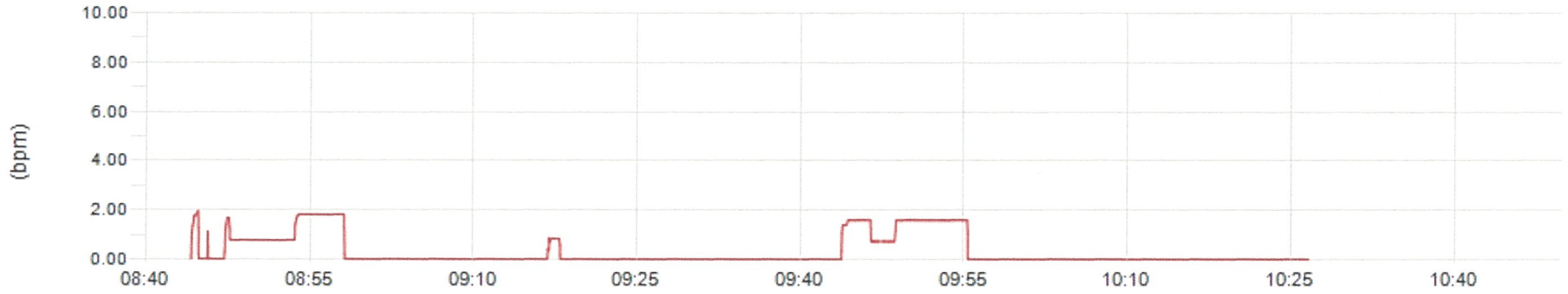


Client PDC energy
Ticket No. 3012
Location NESE 20-6N-63W
Comments

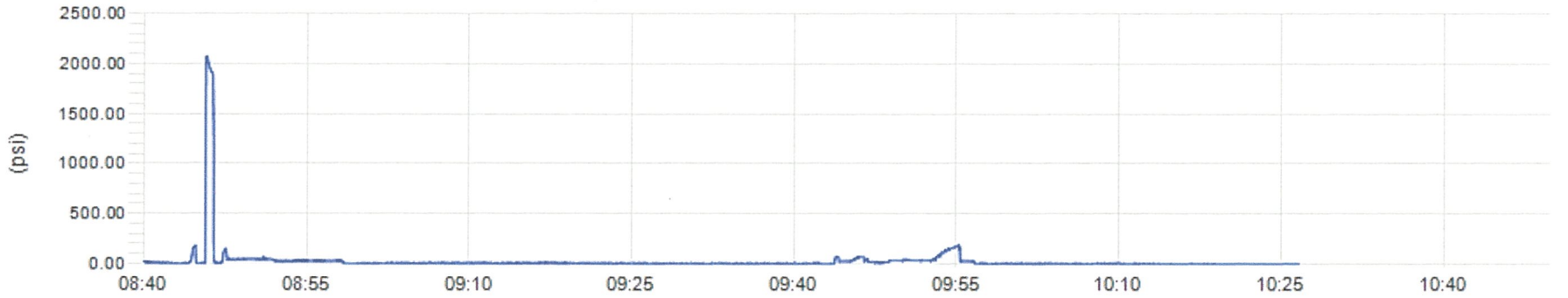
Client Rep Eduardo Chavez
Well Name Cook 20D
Job Type Abandonment Plugs

Supervisor Jeff Kopp
Unit No. 445046
Service District Brighton Co
Job Date 02/01/2018

Unit 445046 Rate Total



Unit 445046 Pump Pressure



Unit 445046 Density

