



Job Summary

Ticket Number

TN#

FL1747

Ticket Date

5.11.17

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-21141
WELL NAME	RIG	JOB TYPE
Wells Ranch 31-5	Ensign # 354	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NW NE 5 5N 63W	Madsen, Dewayne	Eloy Cossio
EMPLOYEES		
James Payne	Don Lightbody	

WELL PROFILE

Max Treating Pressure (psi):		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)
	12	625	423		
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	J-55	423	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6	P-110	675	625		
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):	675	To Depth (ft):	0
Type: Stub Plug	Volume (sacks):	234	Volume (bbbls):	48

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	4 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):		
	bbls of				
Total Preflush/Spacer Volume (bbl):	4		Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	48		Lost Returns (Y/N):	(if Y, when)	
Total Fluid Pumped	52				
Returns to Surface:		bbls			

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

Mix and Pumped 48 bbls (234sks) From 675'-surface. 8bbls left in mix tub.

Customer Representative Signature:

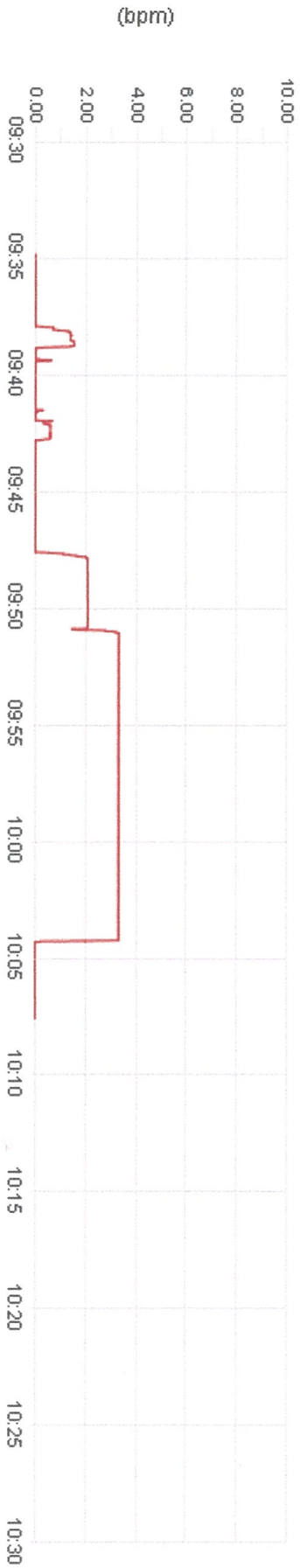
Thank You For Using
O - TEX Pumping

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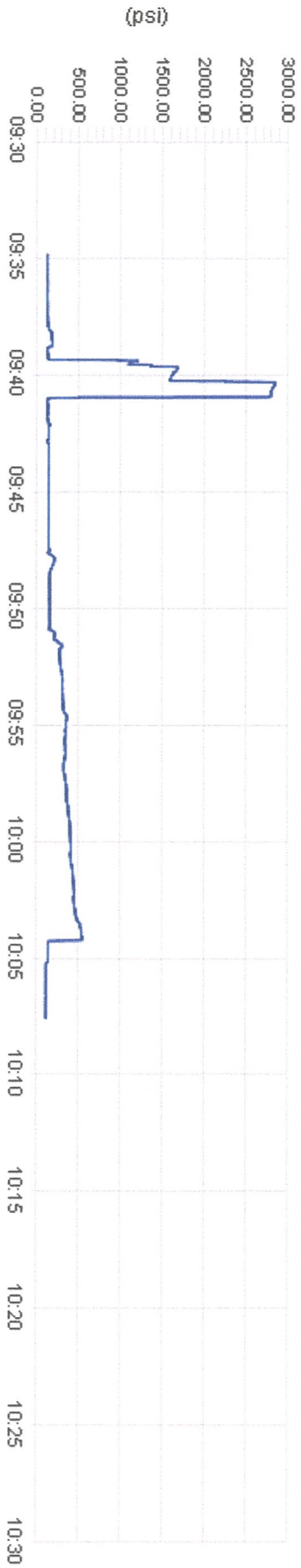


Client	PDC Energy	Client Rep	Eloy Cossio	Supervisor	Dewayne Madsen
Ticket No.	1747	Well Name	Wells Ranch 31-5	Unit No.	445047
Location	NW NE 5 5N 63W	Job Type	Abandonment Plugs	Service District	Brighton
Comments		Job Date	05/11/2017		

Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density

