







# Job Summary

Ticket Number	Ticket Date
TN# <b>BCO-1901-0137</b>	<b>1/25/2019</b>

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC ENERGY</b>	<b>05-123-31960</b>
WELL NAME	RIG	JOB TYPE
<b>Wells Ranch 23-10</b>	<b>Ranger 14</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.41161 104.42558</b>	<b>JAMES PAYNE</b>	<b>EDUARDO CHAVEZ</b>

EMPLOYEES

<b>WELL PROFILE</b>	
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)
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 5/8	24		0	457		
PRODUCTION	4.5	11.6		0	1822		
TUBING	2 3/8	4.7		0	1822		

### CEMENT DATA

**Stage 1:** From Depth (ft): **1,212** To Depth (ft): **1822**  
 Type: **BALANCE PLUG**  
 Volume (sacks): **40** Volume (bbls): **9.5**

Cement & Additives:	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
TYPE III	14.8	1.33	6.21

**Stage 2:** From Depth (ft): **0** To Depth (ft): **682**  
 Type: **SURFACE PLUG**  
 Volume (sacks): **45** Volume (bbls): **10.6**

Cement & Additives:	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
TYPE III	14.8	1.33	6.20

**Stage 3:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.

**Stage 4:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.

### SUMMARY

Preflushes:	<b>10</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>4.7</b>	Stage 1	<b>4.7</b>	Stage 2	<b> </b>
	<b> </b> bbls of <b> </b>	Actual Displacement (bbl):	<b>4.7</b>				
	<b> </b> bbls of <b> </b>	Plug Bump (Y/N):	<b>n/a</b>	Bump Pressure (psi):	<b>N/A</b>		
Total Preflush/Spacer Volume (bbl):	<b>10</b>	Lost Returns (Y/N):	<b>yes</b> (if Y, when <b> </b> )				
Total Slurry Volume (bbl):	<b>20.1</b>						
Total Fluid Pumped	<b>34.8</b>						
Returns to Surface:	<b> </b> bbls						

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

**SEE JOB LOG**

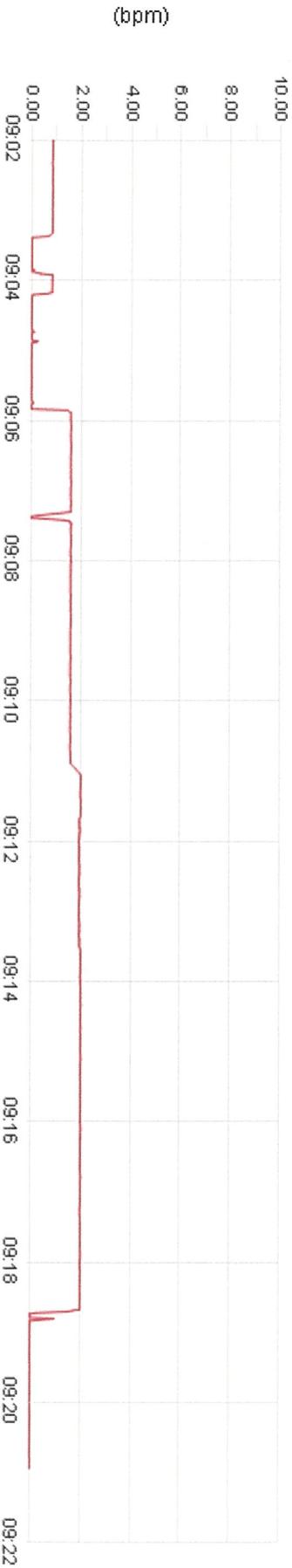
Customer Representative Signature: \_\_\_\_\_

**Thank You For Using**  
**CJES O-TEX Cementing**

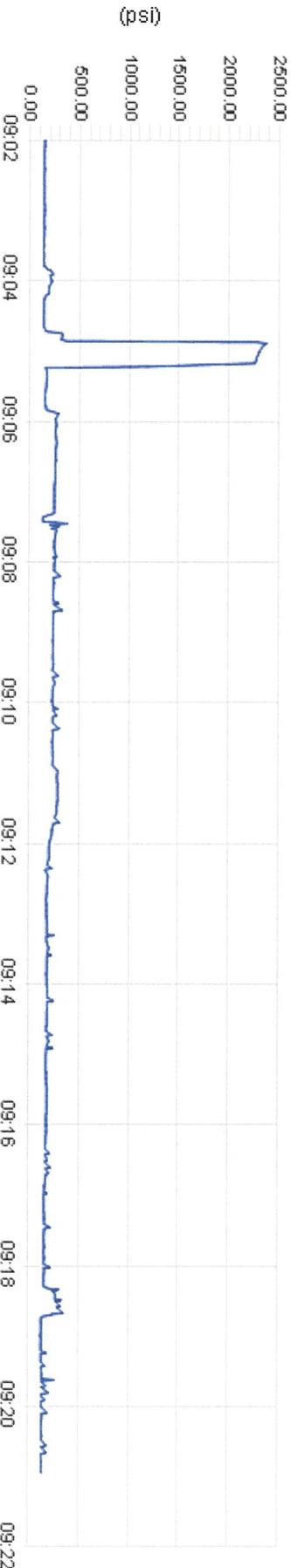


Client	PDC	Client Rep	BERNIE	Supervisor	JAMES PAYNE
Ticket No.	19010137	Well Name	WELLS RANCH 23-10	Unit No.	740018
Location	NE5W 10 5N 63W	Job Type	Abandonment Plugs	Service District	BRIGHTON
Comments				Job Date	01/25/2019

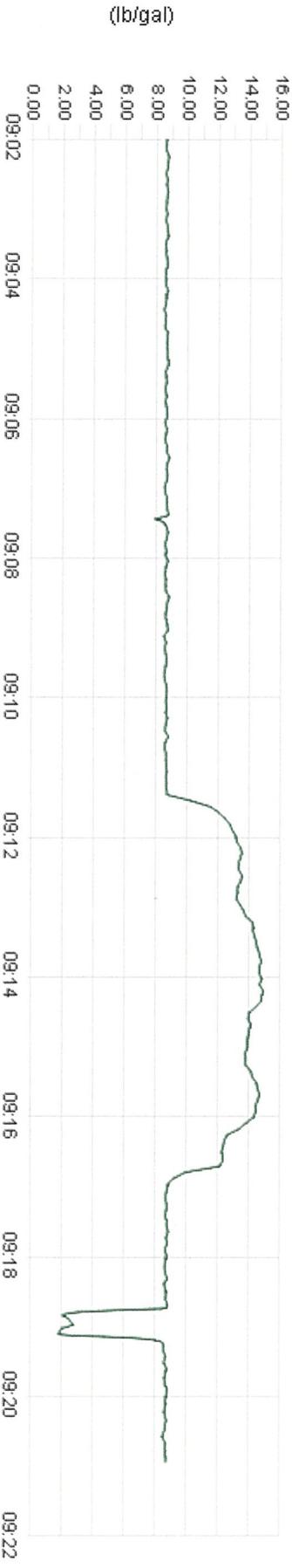
Unit 740018 Rate Total



Unit 740018 Pump Pressure

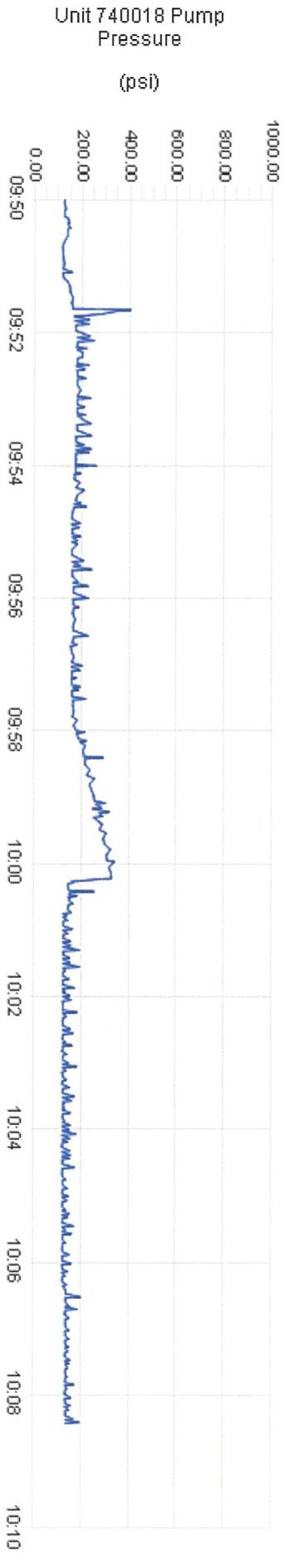
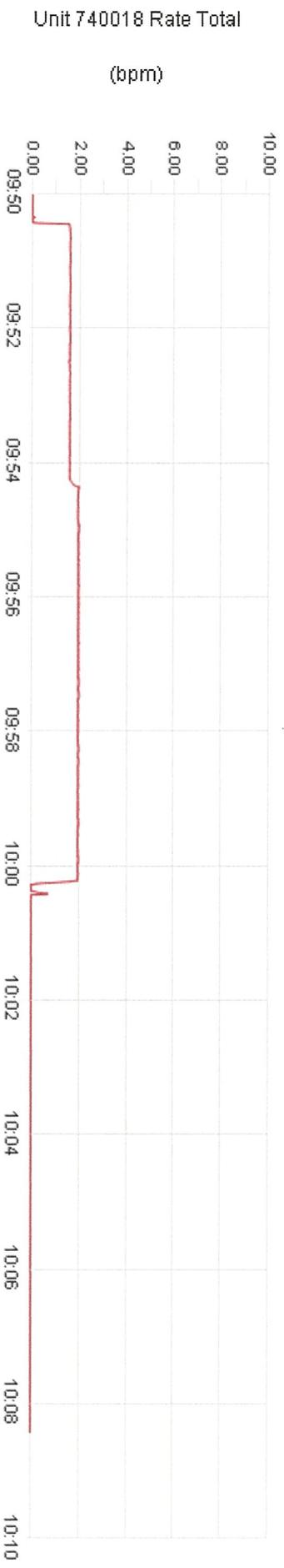


Unit 740018 Density





Client: PDC  
Ticket No.: 19010137  
Location: NESW 10 5N 63W  
Comments:  
Client Rep: BERNIE  
Well Name: WELLS RANCH 23-10  
Job Type: Abandonment Plugs  
Supervisor: JAMES PAYNE  
Unit No.: 740018  
Service District: BRIGHTON  
Job Date: 01/25/2019





**Pick Testers**  
**Sterling, CO 80751**

**Shawn Fiscus**  
**970-520-5697**

PDC Energy

Eduardo Chavez  
Booth 43-31U

MIT

Interval:

60 Seconds

DataPoint LogDate

LogTime

7-P PSI

0		7:36:22 AM	0
1		7:37:22 AM	505
2		7:38:22 AM	506
3		7:39:22 AM	505
4		7:40:22 AM	505
5		7:41:22 AM	504
6		7:42:22 AM	504
7		7:43:22 AM	504
8	1/22/2019	7:44:22 AM	504
9		7:45:22 AM	504
10		7:46:22 AM	504
11		7:47:22 AM	504
12		7:48:22 AM	504
13		7:49:22 AM	504
14		7:50:22 AM	504
15		7:51:22 AM	504
16		7:52:22 AM	0

