





# Job Summary

Ticket Number	Ticket Date
TN# <b>BCO-1902-0006</b>	<b>2/4/2019</b>

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC ENERGY</b>	<b>05-123-20710</b>
WELL NAME	RIG	JOB TYPE
<b>State Peterson 41-16</b>	<b>Ensign 356</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.40506 -104.43497</b>	<b>Barlen Joyner</b>	<b>Ryan Beam</b>

EMPLOYEES		
<i>Garrick Williamson</i>		
<i>Brett Moll</i>		

<b>WELL PROFILE</b>			
Max Treating Pressure (psi):	1500	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)
	10	615	1700		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	14	400	615		

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	400		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4 1/2	10.5		1700	1815		
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	1815		

**CEMENT DATA**

**Stage 1:**  
 Type: **Balance plug**  
 From Depth (ft): **1377** To Depth (ft): **1815**  
 Volume (sacks): **140** Volume (bbls): **33.2**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% III	14.8	1.33	6.32

**Stage 2:**  
 Type: **Surface Plug**  
 From Depth (ft): **0** To Depth (ft): **615**  
 Volume (sacks): **183** Volume (bbls): **43.4**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% III	14.8	1.33	6.32

**Stage 3:**  
 Type: **Top Off**  
 From Depth (ft): **0** To Depth (ft): **33**  
 Volume (sacks): **9** Volume (bbls): **2.1**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% III	14.8	1.33	6.32

**SUMMARY**

Preflushes:	<b>10</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>5.3</b>	Stage 1	Stage 2
	<b>0</b> bbls of <b></b>	Actual Displacement (bbl):	<b>5.3</b>		
	<b>0</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>N</b> (if Y, when)	<b>N/A</b>	
Total Slurry Volume (bbl):	<b>78.7</b>				
Total Fluid Pumped	<b>94</b>				
Returns to Surface:	<b>Cement</b>	<b>1</b> bbls			

Job Notes (fluids pumped / procedures / tools / etc.): **See job log.**

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

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

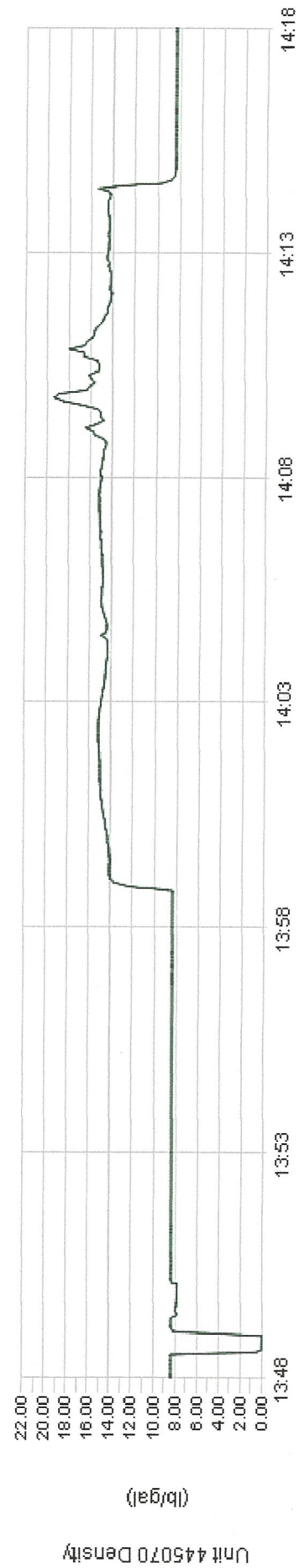
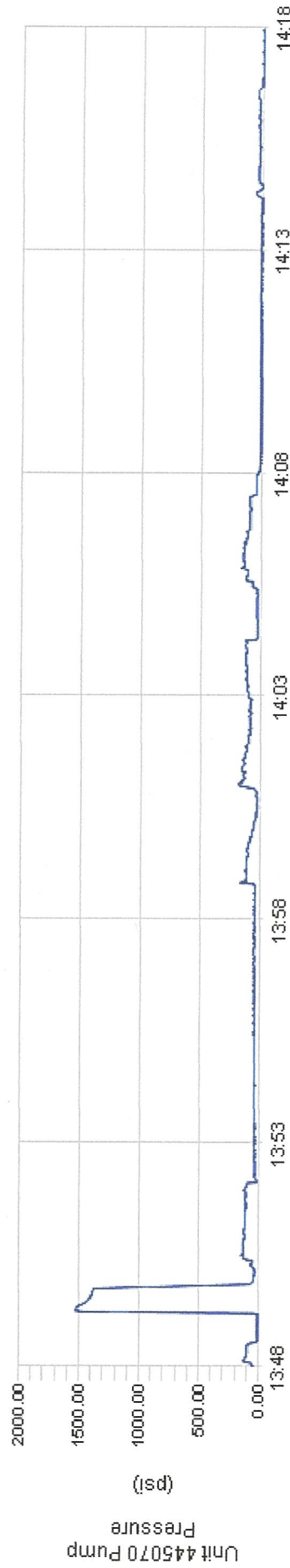
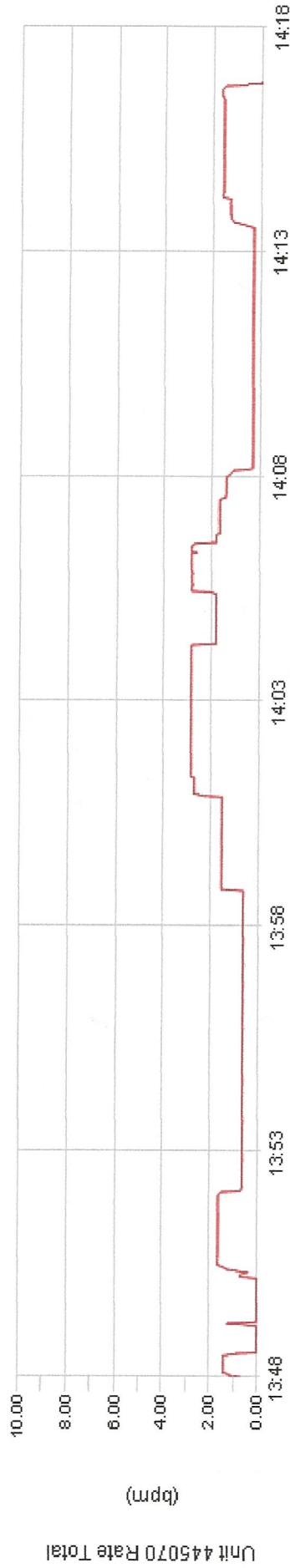




Client PDC  
 Ticket No. 19020006  
 Location NE NE 16:5N:63W  
 Comments 140sx III @ 14.8ppg

Client Rep Ryan Beam  
 Well Name State Peterson 41-16  
 Job Type Abandonment Plugs

Supervisor Joyner  
 Unit No. 445070  
 Service District Brighton  
 Job Date 02/04/2019

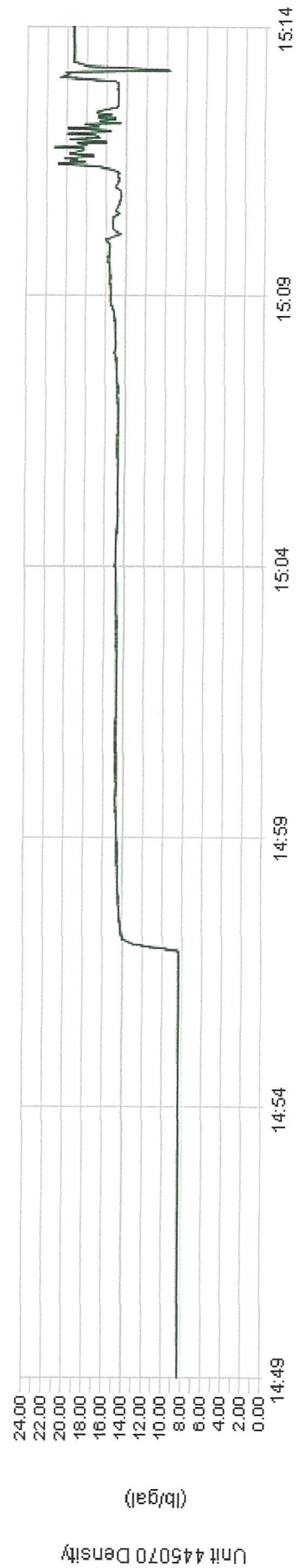
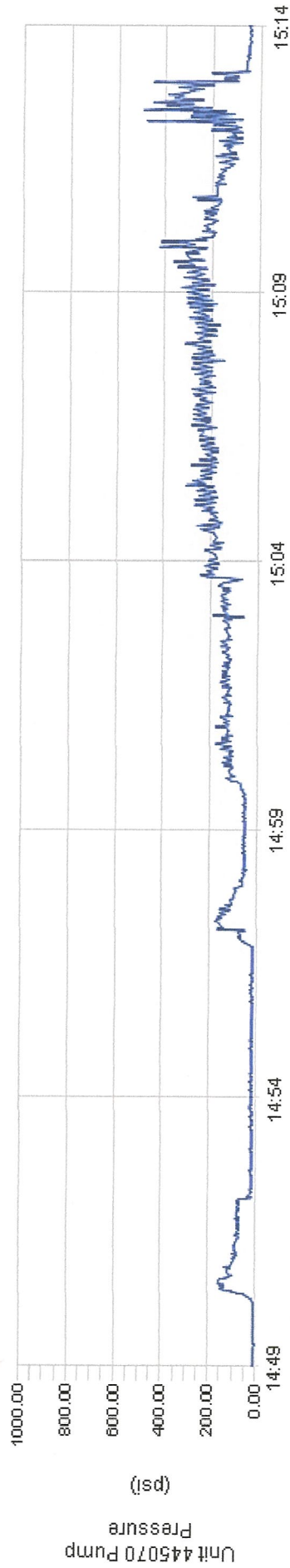
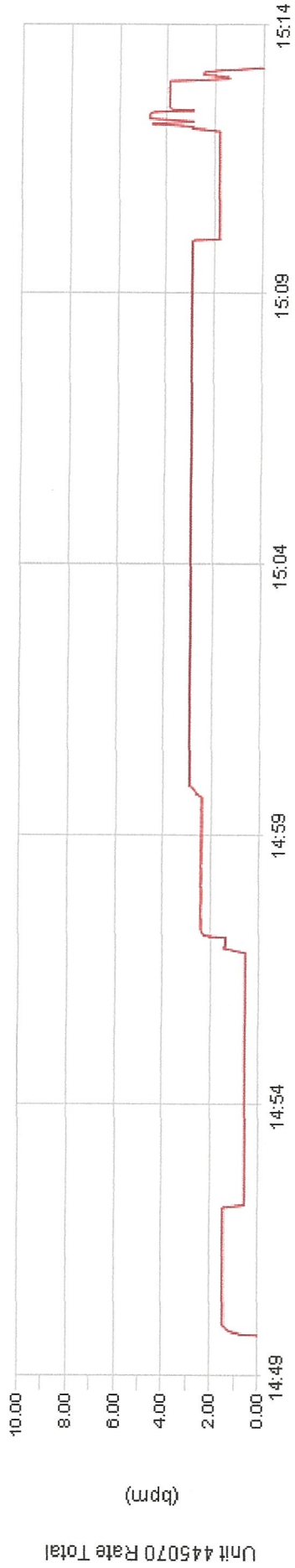




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Supervisor Joyner  
 Unit No. 445070  
 Service District Brighton  
 Job Date 02/04/2019



# RANGER ENERGY SERVICES, LLC

## WIRESLINE DIVISION

3333 Center Dr  
Milliken, Co



Service Date:

Company Name: PDC		Company Address:			Field Ticket Number: 30001959
Well Name: STATE PETERSON 41-16	Field: WATTENBERG	County: WELD	State: COLORADO	Rig Name & Number: Brigade Rig #7	
SERVICE NOTES: JCGR to 6932' / CDB 2 SX on existing CIBP @6932/ Set STS CIBP @ 6650' with 2 sx cement / Set STS CIBP @ 6387' with 2 sx cement/ CBL 2000' to surface/ Jet cut 4.5"@ 1700'			Date: 2/1/2019	Wireline Unit # 222	
				Engineer: J. JOHNSON	Operator: T. VAN NEST
				Operator: J. MICHAEL	

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
1	1000-001	Set Up Charge Cased Hole Unit	1			
	3000-001	Packoff Operation Charge0#-1000#	1			
	8000-009	Junk Catcher / Gauge Ring Depth Charge	6932			
2	8000-010	Junk Catcher / Gauge Ring Operation Charge	1			
3	7000-006	Dump Bailer Depth Charge	6932			
	7000-007	Dump Bailer Operation Charge	1			
4	8000-001	Bridge Plug Depth Charge	6650			
	8000-015	Setting Tool Rental, per tool	1			
	8000-002	Bridge Plug Operation Charge	1			
	8000-014	Standard Set Power Charge	1			
5	7000-006	Dump Bailer Depth Charge	6650			
	7000-007	Dump Bailer Operation Charge	1			
6	8000-001	Bridge Plug Depth Charge	6387			
	8000-015	Setting Tool Rental, per tool	1			
	8000-002	Bridge Plug Operation Charge	1			
	8000-014	Standard Set Power Charge	1			
7	7000-006	Dump Bailer Depth Charge	6387			
	7000-007	Dump Bailer Operation Charge	1			
8	4000-017	Cement Bond Log Depth Charge	2000			
	4000-018	Cement Bond Log Operation Charge	2000			
	4000-009	Simultaneous Gamma Ray Log Depth Charge	2000			
	4000-010	Simultaneous Gamma Ray Log Operation Charge	2000			
	4000-013	Simultaneous CCL Log Depth Charge	2000			
	4000-014	Simultaneous CCL Log Operation Charge	2000			
	5000-011	Jet Cutter Depth Charge	1700			
	5000-014	Jet Cutter Operation Charge for Casing	1			

Customer Signature:	Customer Name Printed: Ryan Beam
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The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.