

TICKET	BCO-2005-0027	
DATE	5/19/2020	
CREW INFORMATION		
SUPERVISOR	Cody Michel	
PUMP UNIT		44-5063
NUMBERS		CPF002
ARRIVAL (D&T)	5/19/20 11:00 AM	
DEPARTURE (D&T)	5/19/20 2:30 PM	

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Customer Name Printed \_\_\_\_\_

Customer Signature \_\_\_\_\_

Date Signed \_\_\_\_\_



# Job Summary

Ticket Number  
TN# **BCO-2005-0027** Ticket Date  
**5/19/2020**

COUNTY	COMPANY	API Number
<b>WELD</b>	<b>PDC ENERGY</b>	<b>0512331128</b>
WELL NAME <b>BERNHARDT STATE 21-36</b>	RIG <b>Ranger #22</b>	JOB TYPE <b>CM-P2A-PERM.</b>
SURFACE WELL LOCATION <b>40.361523 -104.843748</b>	CJES Field Supervisor <b>Cody Michel</b>	CUSTOMER REP <b>Ryan Beam</b>
EMPLOYEES		
Israel Davila		
Rich Devine		

## 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)
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	880	0	880
Production	4.5	11.6		0	1543	0	1543
Tubing	2.375	4.7		0	1543	0	1543

## CEMENT DATA

**Stage 1:** From Depth (ft): **0** To Depth (ft): **1543**  
Type: **Surface Plug**  
Volume (sacks): **110** Volume (bbls): **26**

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

**Stage 2:** From Depth (ft): **0** To Depth (ft): **220**  
Type: **Surface Squeeze**  
Volume (sacks): **51** Volume (bbls): **12**

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

**Stage 3:** From Depth (ft): To Depth (ft):  
Type: **Top Off**  
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:	<b>5</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>Stage 1</b>	<b>Stage 2</b>
	bbls of	Actual Displacement (bbl):		
	bbls of			
Total Preflush/Spacer Volume (bbl):	<b>5</b>	Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	<b>38</b>	Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped	<b>43</b>			
Returns to Surface:	<b>Cement</b>			
	<b>3</b> bbls			

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

2.375" 4.7 ppg tubing @ 1543' in 4.5" 11.6ppf casing pumped 5 bbl water then 110 sks (26bbl) of Type III cement @ 14.8ppg shut down. Then wait on rig to trip out and pump 51 sks (12 bbl) of 14.8ppg type III cement through holes @ 220'

Customer Representative Signature:

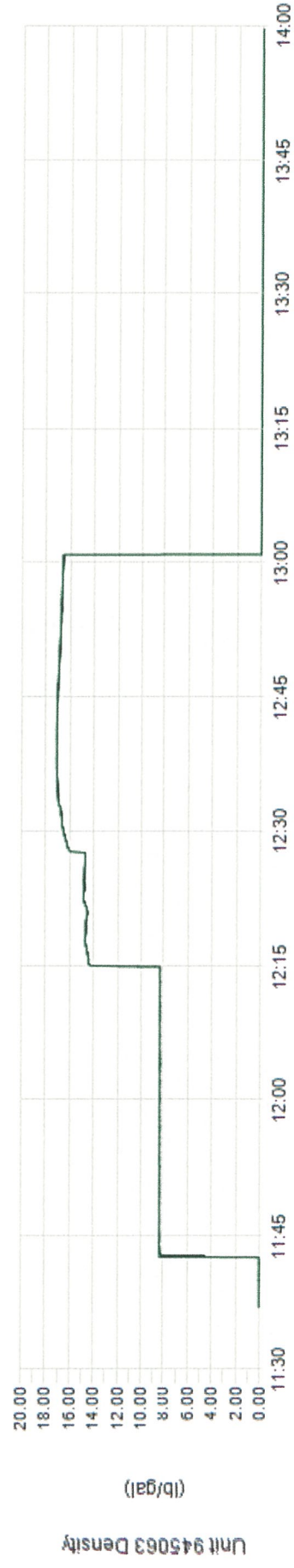
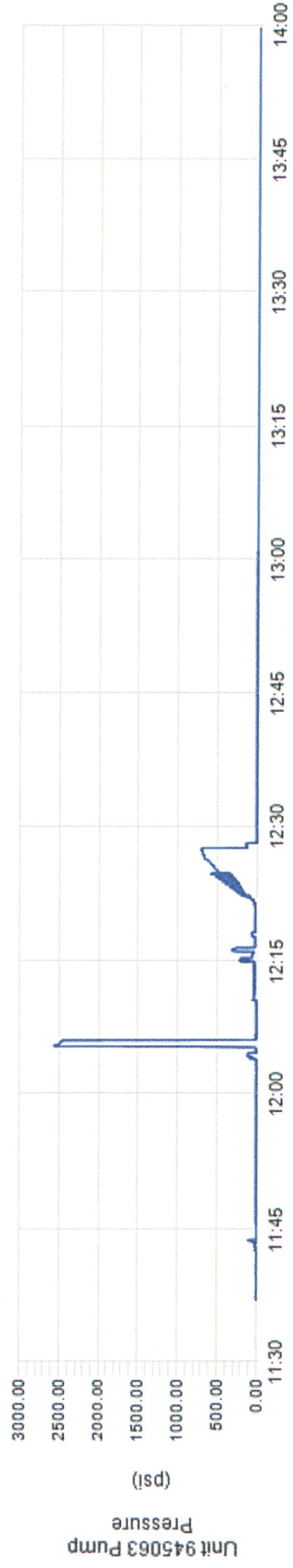
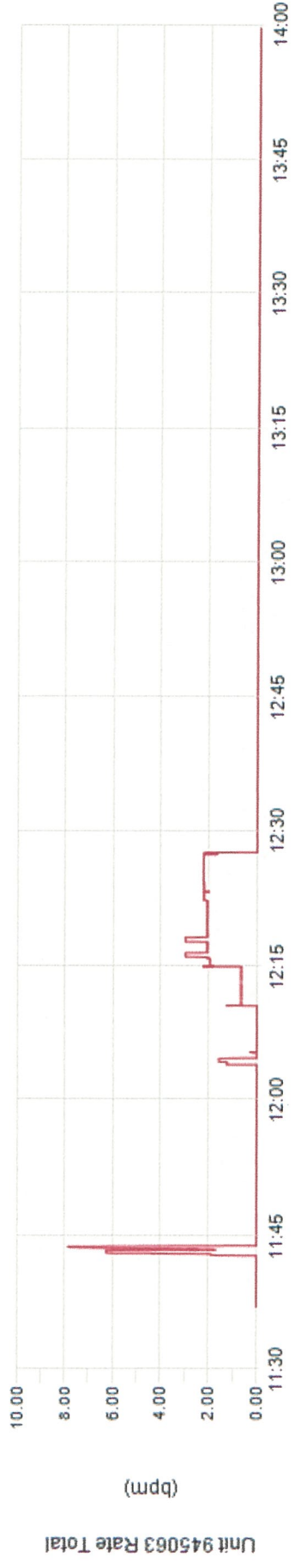
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# RANGER ENERGY SERVICES, LLC


## WIRELINE DIVISION

3333 Center Dr.  
Milliken, CO.  
80543



<b>Company Name:</b> PDC ENERGY, INC.		<b>Company Address:</b> 1775 SHERMAN STREET SUITE 3000 DENVER, CO 80203		<b>Field Ticket Number:</b> 70001803	
<b>Well Name:</b> BERNHARDT STATE 21-36		<b>Field:</b> WATTENBERG - 90750	<b>County:</b> WELD	<b>State:</b> COLORADO	<b>Rig Name &amp; Number:</b> RANGER ENERGY SERVICES RIG# 5022
<b>API #:</b> 05-123-31128				<b>Date:</b> 5/18/2020	<b>Wireline Unit #</b> 233
<b>SERVICE NOTES:</b> (1) 3.625" Gauge Ring to 7934' (4) Set STS 4-1/2" 10K CIBP @ 7120' (2) Set STS 4-1/2" 10K CIBP @ 7914' (3) Cement Dump Bail 2sx @ 7914'					<b>Engineer:</b> J. Michael
					<b>Operator:</b> A. Kendall
					<b>Operator:</b>

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
	3000-001	Packoff Operation Charge0#-1000#	1			
1	8000-009	Junk Catcher / Gauge Ring Depth Charge	7934			
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1			
2	8000-001	Bridge Plug Depth Charge	7914			
	8000-015	Setting Tool Rental, per tool	1			
	8000-002	Bridge Plug Operation Charge	1			
	8000-014	Standard Set Power Charge	1			
3	7000-006	Dump Bailer Depth Charge	7914			
	7000-007	Dump Bailer Operation Charge	1			
4	8000-001	Bridge Plug Depth Charge	7120			
	8000-015	Setting Tool Rental, per tool	1			
	8000-002	Bridge Plug Operation Charge	1			
	8000-014	Standard Set Power Charge	1			

<b>Customer Signature:</b>	<b>Customer Name Printed:</b>	<b>Ranger Energy Services Representative Signature</b>	<b>Ranger Energy Services Representative:</b>
	MR. RYAN BEAM		JOE MICHAEL

The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.

# RANGER ENERGY SERVICES, LLC


## WIRELINE DIVISION

3333 Center Dr.  
Milliken, CO.  
80543



<b>Company Name:</b> PDC ENERGY, INC.	<b>Company Address:</b> 1775 SHERMAN STREET SUITE 3000 DENVER, CO 80203			<b>Field Ticket Number:</b> 70001804
<b>Well Name:</b> BERNHARDT STATE 21-36	<b>Field:</b> WATTENBERG - 90750	<b>County:</b> WELD	<b>State:</b> COLORADO	<b>Rig Name &amp; Number:</b> RANGER ENERGY SERVICES RIG# 5022
<b>API #:</b> 05-123-31128	<b>Date:</b> 5/19/2020			<b>Wireline Unit #</b> 233
<b>SERVICE NOTES:</b> (1) Cement Dump Bail 2sx @ 7120' (4) Radial Bond Log from 1000' - Surface (2) Set STS 4-1/2" 10K CIBP @ 2950' (5) Perforate 6spf @ 220' (3) Cement Dump Bail 2sx @ 2950'				<b>Engineer:</b> J. Michael
				<b>Operator:</b> A. Kendall
				<b>Operator:</b>

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
	3000-001	Packoff Operation Charge0#-1000#	1			
1	7000-006	Dump Bailer Depth Charge	7120			
	7000-007	Dump Bailer Operation Charge	1			
2	8000-001	Bridge Plug Depth Charge	2950			
	8000-015	Setting Tool Rental, per tool	1			
	8000-002	Bridge Plug Operation Charge	1			
	8000-014	Standard Set Power Charge	1			
3	7000-006	Dump Bailer Depth Charge	2950			
	7000-007	Dump Bailer Operation Charge	1			
4	4000-019	Radial Cement Bond Log Depth Charge	1000			
	4000-020	Radial Cement Bond Log Operation Charge	1000			
	4000-009	Simultaneous Gamma Ray Log Depth Charge	1000			
	4000-010	Simultaneous Gamma Ray Log Operation Charge	1000			
	4000-013	Simultaneous CCL Log Depth Charge	1000			
	4000-014	Simultaneous CCL Log Operation Charge	1000			
5	6400-000	Scalloped Gun Carrier w/ 6spf shot @ 220'	220			

<b>Customer Signature:</b>	<b>Customer Name Printed:</b>	<b>Ranger Energy Services Representative Signature</b>	<b>Ranger Energy Services Representative:</b>
	MR. RYAN BEAM		JOE MICHAEL

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