

AFE #		PO:	
LEASE NAME / NUMBER		API WELL NUMBER	
TRIANGLE 4-22		0512337066	
SECTION	TOWNSHIP	RANGE	COUNTY, STATE
22	7N	65W	WELD, COLORADO
WELL PERMIT NUMBER			
JOB TYPE		CM-P2A-PERM.	
Vehicle Type		Single	

TICKET	BCO-2005-0030		
DATE	5/21/2020		
CREW INFORMATION			
SUPERVISOR	Cody Michel		
PUMP UNIT			94-4528
NUMBERS			CPF002
ARRIVAL (D&T)	5/21/20 8:00 AM		
DEPARTURE (D&T)	5/21/20 10:45 AM		

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Customer Name Printed _____

Customer Signature _____

Date Signed _____



Job Summary

Ticket Number
TN# **BCO-2005-0030** Ticket Date
5/21/2020

COUNTY	COMPANY	API Number
WELD	PDC ENERGY	0512337066
WELL NAME	RIG	JOB TYPE
TRIANGLE 4-22	Ensign 354	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.56188 -104.65036	Cody Michel	Bud Holman

EMPLOYEES
<i>Tony Yates</i>
<i>Rich Devine</i>

WELL PROFILE

Max Treating Pressure (psi):	1000	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	700	0	700
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	1870	0	1870
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	1870	0	1870

CEMENT DATA

Stage 1:	From Depth (ft):	1528	To Depth (ft):	1870	
	Type: Balance Plug				
	Volume (sacks):	26	Volume (bbls):	5.3	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G			15.8	1.15	5.00

Stage 2:	From Depth (ft):	0	To Depth (ft):	735	
	Type: Surface Plug				
	Volume (sacks):	59	Volume (bbls):	12	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G			15.8	1.15	5.00

Stage 3:	From Depth (ft):	0	To Depth (ft):	450	
	Type: Squeeze				
	Volume (sacks):	108	Volume (bbls):	22.1	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% Class G			15.8	1.15	5.00

Stage 4:	From Depth (ft):	<input type="text"/>	To Depth (ft):	<input type="text"/>	
	Type:				
	Volume (sacks):	<input type="text"/>	Volume (bbls):	<input type="text"/>	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.

SUMMARY

Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	5 bbls of	Fresh Water	Actual Displacement (bbl):	5.8	
	bbls of			5.8	
Total Preflush/Spacer Volume (bbl):	10		Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	39.4		Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped	55.2				
Returns to Surface:	Cement	3 bbls			

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

2.375" 4.7 ppg tubing inside 4.5" 11.6 ppg at 1870', Established circulation and pumped 5 bbl fresh water then 26 sks (5.3 bbl) of class G @ 15.8 ppg then displaced with 5.8 bbl fresh water shut down and let balance for a total displacement of 5.8 bbl. Waited on rig to pull up to 735' and pumped 59 sks (12.0 bbl) of class G @ 15.8 ppg to surface. Then squeezed 108 sks (22.1 bbl) Class G @ 15.8 ppg through holes @ 450' to surface

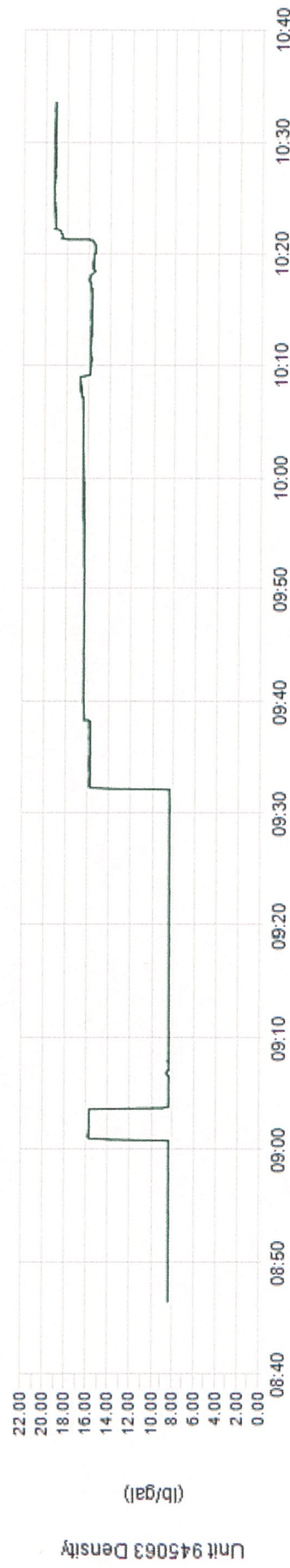
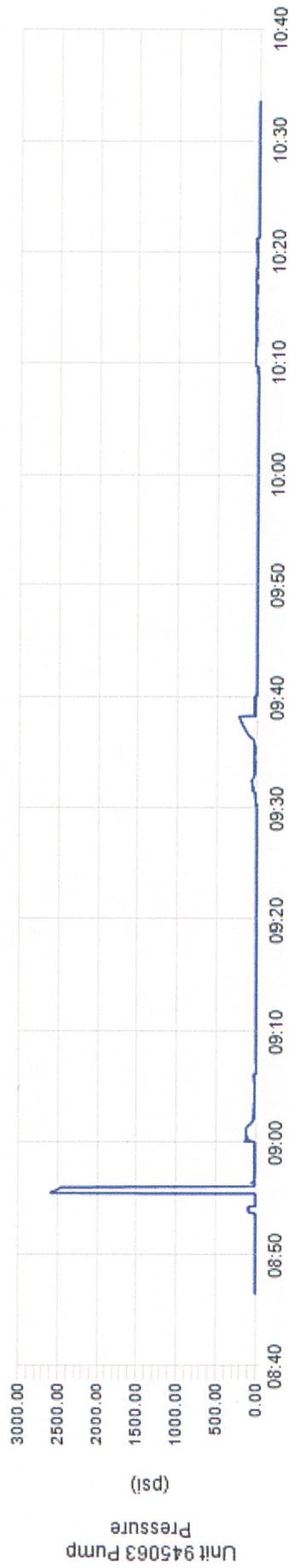
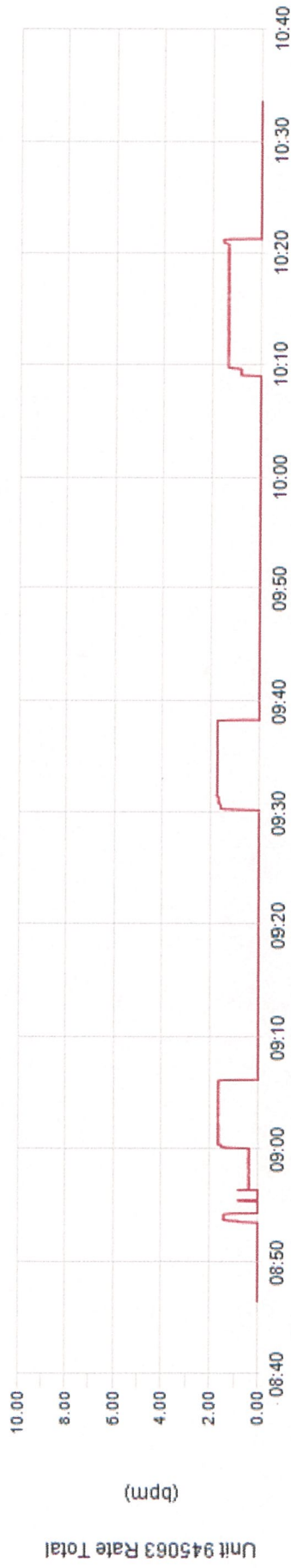
Customer Representative Signature:

Thank You For Using
NexTier Completion Solutions

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NEXTIER

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RANGER ENERGY SERVICES, LLC

WIRELINE DIVISION

3333 Center Dr.
Milliken, CO.
80543



Company Name: PDC ENERGY, INC.		Company Address: 1775 SHERMAN STREET SUITE 3000 DENVER, CO 80203			Field Ticket Number: 10001406	
Well Name: TRIANGLE 4-22		Field: WATTENBERG - 90750	County: WELD	State: COLORADO	Rig Name & Number: ENSIGN 354	
API #: 05-123-37066		Date: 5/20/2020			Wireline Unit # 222	
SERVICE NOTES: (1) 3.625" guage ring @ 7566' (2) Set STS 10K CIBP in 4-1/2" csg @ 7292' (3) Cement Dump Bail 2sx @ 7292' (4) Set STS 10k CIBP in 4-1/2" csg @ 2700 (5) Cement Dump Bail 2sx @ 2700 (6) Radial Cement Bond Log 700'-surface (7) Perforate 1' 6spf @ 450'					Engineer:	A, Reagan
					Operator:	A,KENDALL
					Operator:	

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
20-May	1000-001	Set Up Charge Cased Hole Unit				
	3000-001	Packoff Operation Charge0#-1000#	1			
1	8000-009	Junk Catcher / Gauge Ring Depth Charge	7566			
20-May	8000-010	Junk Catcher / Gauge Ring Operation Charge				
2	8000-001	Bridge Plug Depth Charge	7292			
20-May	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	7292			
20-May	7000-007	Dump Bailer Operation Charge	1			
4	8000-001	Bridge Plug Depth Charge	2700			
20-May	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	2700			
20-May	7000-007	Dump Bailer Operation Charge	1			
6	4000-019	Radial Cement Bond Log Depth Charge	700			
20-May	4000-020	Radial Cement Bond Log Operation Charge	700			
	4000-013	Simultaneous CCL Log Depth Charge	700			
	4000-014	Simultaneous CCL Log Operation Charge	700			
	4000-009	Simultaneous Gamma Ray Log Depth Charge	700			
	4000-010	Simultaneous Gamma Ray Log Operation Charge	700			
	6400-000	Scalloped Gun Carrier	1			

Customer Signature:	Customer Name Printed:	Ranger Energy Services Representative Signature:	Ranger Energy Services Representative:
	MR. BUD HOLMAN		ANDREW REAGAN

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