



Daily Work Ticket

Report #

<b>Customer Name</b> PDC Energy		<b>Customer AFE #</b>		<b>Date:</b> 6/14/2018
<b>Mailing Address</b>	<b>City</b>	<b>State</b> CO	<b>Zip</b>	<b>County</b> weld
<b>Field</b>	<b>Lease</b>	<b>Well</b> CARMICHAEL 43-26		<b>Order #</b>
<b>Work Description</b>	Workover <input type="checkbox"/>	Rod <input type="checkbox"/>	Rod & Tubing <input type="checkbox"/>	Re-entry <input type="checkbox"/>
	Swabbing <input type="checkbox"/>	Tubing <input type="checkbox"/>	Completion <input type="checkbox"/>	P & A <input checked="" type="checkbox"/>

Description	Qty.	Rate Hr/Day/Ea	Total
Riq & Crew	10.50 @	\$275.00	\$2,887.50
Extra Labor	12.50 @	\$48.00	\$600.00
Riq Fuel	@		
Pump Fuel	@		
Cementing Services	@		
Extra Cement - Cementing Services	@		
P & A Bidded Cost	@		

Workover Equipment	Qty.	Rate Hr/Day/Ea	Total
BOP	1.00 @	\$300.00	\$300.00
Pump	1.00 @	\$575.00	\$575.00
Tank	1.00 @	\$175.00	\$175.00
Base Beam	1.00 @	\$40.00	\$40.00
Pipe Handler	@		
Loader	@		
Pipe Racks	@		
Power Swivel	@		
JU/Washington H	@		
Rod/TBG Tongs	@		
Adapter Flange	@		
Catwalk	@		

ReCharge Items	Qty.	Rate Hr/Day/Ea	Total
Crew Travel	2.00 @	\$210.00	\$420.00
Tool Pusher	@		
Per Diem	@		
Stripper Rubbers	@		
Pipe Wipers	1.00 @	\$44.00	\$44.00
Tong Dies	@		
Slip Dies	@		
Safety Valve	@		
Fishing Tools-Recharge	@		
Pipe Dope	0.50 @	\$36.00	\$18.00
Handling Equipment	@		

Swabbing Equipment	Qty.	Rate Hr/Day/Ea	Total
Swab Cups - Size	@		
OSR	@		
Swabbing Acid	@		
Fishing Tools	@		
Extra Tank	@		
Permits	@		

Description	Qty	Rate	Total
Miscellaneous	@		

Discount: \$252.98 (5.00%)

**TOTAL BILLABLE AMOUNT \$4,806.52**

Description of Work Start Time 6:00 am Stop Time 6:30 pm

Crew Travel Hold JSA Meeting Check pressures- Vac POOH w/ 58 jts tallying LD 163 jts + Anchor + SN + MA - Pump stuck in SN MIRUWL RIH w/ 4-1/2 CIBP set @ 6455' POOH RIH w/ DB put 2 sxs cement on top of CIBP RDMOWL RIH w/ 58 jts @ 1812' Circulate Hole Pressure Test to 1000 psi Hold 15 min Test Good Release Pressure MIRU Cementers Pump 30 sxs 15.8# class G Cement Displace 5.4 bbbls LD 34 jts Leave 24 jts @ 755' Hu Cementers Get Circulation Pump 68 sxs 15.8# G cement LD Tbg Top off well w/ 10 sxs Wash up Equipment ND BOPS & WH put in Vavle SWIFN RD Rig & Pump & Lines Get Rig ready to move Crew Travel

Payroll Section					
Employee	Rev Hours	Travel Hours	Non Rev Hours	Total	
Tool Pusher Billman, Kevin	0.00	0.00	0.00	0.00	
Operator Caudillo Aguiar, Jesus	10.50	2.00	0.00	12.50	
Derrick Valenzuela, Damian	10.50	2.00	0.00	12.50	
FloorHand Sigala, Luis Armando	10.50	2.00	0.00	12.50	
FloorHand Martinez, David	10.50	2.00	0.00	12.50	

No Unreported Incidents Per My Signature

Ranger Tool Pusher

Customer/Agent



Daily Work Ticket

Report #

<b>Customer Name</b> PDC Energy		<b>Customer AFE #</b>		<b>Date:</b> 6/13/2018
<b>Mailing Address</b>	<b>City</b>	<b>State</b> CO	<b>Zip</b>	<b>County</b> weld
<b>Field</b>	<b>Lease</b>	<b>Well</b> CARMICHAEL 43-26		<b>Order #</b>
<b>Work Description</b>	Workover <input type="checkbox"/>	Rod <input type="checkbox"/>	Rod & Tubing <input type="checkbox"/>	Re-entry <input type="checkbox"/>
	Swabbing <input type="checkbox"/>	Tubing <input type="checkbox"/>	Completion <input type="checkbox"/>	P & A <input checked="" type="checkbox"/>

Description	Qty.	Rate Hr/Day/Ea	Total
Riq & Crew	11.50 @	\$275.00	\$3,162.50
Extra Labor	13.50 @	\$48.00	\$648.00
Riq Fuel	@		
Pump Fuel	@		
Cementing Services	@		
Extra Cement - Cementing Services	@		
P & A Bidded Cost	@		

Workover Equipment	Qty.	Rate Hr/Day/Ea	Total
BOP	1.00 @	\$300.00	\$300.00
Pump	@		
Tank	1.00 @	\$175.00	\$175.00
Base Beam	1.00 @	\$40.00	\$40.00
Pipe Handler	@		
Loader	@		
Pipe Racks	@		
Power Swivel	@		
JU/Washington H	@		
Rod/TBG Tongs	1.00 @	\$150.00	\$150.00
Adapter Flange	@		
Catwalk	@		

ReCharge Items	Qty.	Rate Hr/Day/Ea	Total
Crew Travel	2.00 @	\$210.00	\$420.00
Tool Pusher	@		
Per Diem	@		
Stripper Rubbers	@		
Pipe Wipers	@		
Tong Dies	@		
Slip Dies	@		
Safety Valve	@		
Fishing Tools-Recharge	@		
Pipe Dope	@		
Handling Equipment	@		

Swabbing Equipment	Qty.	Rate Hr/Day/Ea	Total
Swab Cups - Size	@		
OSR	@		
Swabbing Acid	@		
Fishing Tools	@		
Extra Tank	@		
Permits	@		

Description	Qty	Rate	Total
Miscellaneous	1.00 @	\$20.00 (Rod Wiper Rubber)	\$20.00

Discount: \$245.78 (5.00%)

**TOTAL BILLABLE AMOUNT \$4,669.72**

Description of Work Start Time 6:00 am Stop Time 7:30 pm

Crew Travel Hold JSA Meeting RU Rig Check Pressures ITP- 550 psi ICP- 500 psi ISCP-0 RU Pump & Lines Blow dn Well Unhang Polish Rod Take off Horses Head Try to unseat pump MI Hot oiler Pump 70 bbls Water Hot dn Csg Try to unseat pump cant get pump tp unseat Back off Hook Stool LD Polish Rod + 91-7/8 rods + 174- 3/4 rods + 8 K Bars + Hook Stool MIRUWL RIH perf gun shoot holes in Tbg @ 6805 POOH RDMOWL NDWH Release Anchor NU BOPS & Floor SWMFW Crew Travel

Payroll Section					
Employee	Rev Hours	Travel Hours	Non Rev Hours	Total	
Tool Pusher Billman, Kevin	0.00	0.00	0.00	0.00	
Operator Caudillo Aguiar, Jesus	11.50	2.00	0.00	13.50	
Derrick Valenzuela, Damian	11.50	2.00	0.00	13.50	
FloorHand Sigala, Luis Armando	11.50	2.00	0.00	13.50	
FloorHand Martinez, David	11.50	2.00	0.00	13.50	

No Unreported Incidents Per My Signature

Ranger Tool Pusher

Customer/Agent



# SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL3973**

Lease & Well Number: **Carmichael 43-26**

Date: **6/14/2018**

In consideration of the services and materials to be sold and/or provided by C&J Spec-Rent Services, Inc. ("C&J") under this service order, the above-named customer ("Customer") agrees that:

The services and materials quoted under this service order are based on the best information available at the time that this quotation was prepared. When the actual work is performed the amounts and types of services and materials may require adjustments any pre-quoted items in service order. Actual amounts and types of services and materials will be charged at the time the work is performed. Unit prices from C&J's current price list and discounts quoted are applied as per this service order, unless otherwise noted. Except as otherwise provided for herein, this service order is only for the materials and services quoted hereunder.

The prices and discounts reflected herein are based on C&J being awarded the work on a first call basis. Prices may be adjusted if the work is not on a first call basis. Prices are valid for a period of thirty (30) days following this quotation. Taxes, if any, will be applied to the actual invoice.

**All services and materials sold and/or provided by C&J are subject to the terms of C&J's "Contractor's Standard Terms and Conditions" document (the "Terms and Conditions"), which contains provisions concerning risk allocation and warranties associated with C&J's services. The parties hereby agree that all materials and services will be furnished pursuant to the Terms and Conditions and this service order. A copy of the Terms and Conditions is attached to this proposal.**

**BY SIGNING IN THE SPACE PROVIDED BELOW, CUSTOMER (I) ACKNOWLEDGES RECEIPT OF A COPY OF THE TERMS AND CONDITIONS, AND (II) AGREES THAT THE TERMS AND CONDITIONS SHALL GOVERN ALL SERVICES AND MATERIALS SOLD AND/OR PROVIDED HEREUNDER. THE UNDERSIGNED FURTHER WARRANTS AND REPRESENTS THAT THE UNDERSIGNED IS AUTHORIZED TO EXECUTE THIS SERVICE ORDER AS CUSTOMER'S AGENT.**

**I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.**

**Customer Authorized Agent:** \_\_\_\_\_

# Job Summary

Ticket Number: **FL3973** Ticket Date: **6/14/2018**  
 TN#

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC Energy, Inc.</b>	<b>05-123-25023</b>
WELL NAME	RIG	JOB TYPE
<b>Carmichael 43-26</b>	<b>Ranger #3</b>	<b>Balanced Plugs</b>
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
<b>Sec26:T7N:R63W</b>	<b>Klosterman, Austin</b>	<b>Eduardo Chavez</b>

<b>EMPLOYEES</b>		
<i>Coral-Flores, Francisco</i>		
<i>Melgarejo, Eduardo</i>	<i>White, Cori</i>	

<b>WELL PROFILE</b>			
Max Treating Pressure (psi):	1500	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)
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	543	0		
Production	4.5	10.5	P-110	1812	0		
Tubing	2.375	4.7		1812	0		

**CEMENT DATA**

**Stage 1:** From Depth (ft):  To Depth (ft):   
 Type: **Plug 1** Volume (sacks):  Volume (bbls):

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

**Stage 2:** From Depth (ft):  To Depth (ft):   
 Type: **Plug 2** Volume (sacks):  Volume (bbls):

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

**SUMMARY**

Preflushes:	5 bbls of <input type="text" value="Fresh Water"/>	Calculated Displacement (bbl):	<input type="text" value="5.5"/>	Stage 1	Stage 2
	<input type="text" value=""/>	Actual Displacement (bbl):	<input type="text" value="5.5"/>		
Total Preflush/Spacer Volume (bbl):	<input type="text" value="5"/>	Plug Bump (Y/N):	<input type="text" value="N/A"/>	Bump Pressure (psi):	<input type="text" value="N/A"/>
Total Slurry Volume (bbl):	<input type="text" value="22.1"/>	Lost Returns (Y/N):	<input type="text" value="N"/>	(if Y, when)	<input type="text" value=""/>
Total Fluid Pumped	<input type="text" value="32.6"/>				
Returns to Surface:	<input type="text" value=""/>				

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

Customer Representative Signature: \_\_\_\_\_ **Thank You For Using O-TEX Cementing**



# CEMENTING JOB LOG

Project Number	Job Date
FL3973	6/14/2018
State	County
Colorado	Weld
O-Tex Field Supervisor	Customer Representative
Eduardo Chavez	Phone
	970-397-0599
API Number	
05-123-25023	

O-Tex Location	Customer
Brighton, Colorado 303-857-7948	PDC Energy, Inc.
Lease Name	Well No.
Carmichael 43-26	
Job Type	Man Hours
Balanced Plugs	20

USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.  
THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.

DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES
				CSG	Tbg.	
6/14/2018	11:00					Arrive on location
6/14/2018	11:10					Tailgate meeting
6/14/2018	11:20					Rig in
6/14/2018	13:00					Safety meeting / JSA
6/14/2018	13:21				1953	Pressure test
6/14/2018	13:22	5	bbl	0.80	20	Fresh ahead
6/14/2018	13:28	6.1	bbl	1.70	100	30sx @15.8ppg (Yield 1.15) Neat G
6/14/2018	13:32	5.5	bbl	1.70	104	Displace to balance
6/14/2018	13:40					Wait on rig to TOH w/ tubing to 755'
6/14/2018	14:02	14	bbl	1.70	20	68sx @15.8ppg (Yield 1.15) Neat G to receive cement returns
6/14/2018	14:10					Wait on rig to TOH w/ tubing
6/14/2018	14:35	2	bbl	0.50	10	10sx @15.8ppg (Yield 1.15) Neat G to top off well
6/14/2018	15:00					Wash up / Rig out
6/14/2018	15:30					Job complete
6/14/2018	16:00					Leave location

### JOB CALCULATIONS

1st Cement Plug - From 1812' to 1429' / Cement Coverage = 383'  
 30sx @15.8ppg (Yield 1.15) Neat G = 6.1bbbls / Displaced to balance w/ 5.5bbbls  
 2nd Cement Plug - From 755' to 0' / Cement Coverage = 755'  
 78sx @15.8ppg (Yield 1.15) Neat G to receive cement returns and to top off = 16bbbls / No displacement needed

### TUBING / CASING DATA

2 3/8" Tubing - From 1812' to 0' (1st Plug)  
 2 3/8" Tubing - From 755' to 0' (2nd Plug)  
 4 1/2" Production Casing - From 1812' to 0'

### ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW



FIELD RECEIPT

TN # FL3973

Service Location: Brighton, Colorado 303-857-7948  
 Service Address: 821 County Road 27, Brighton, CO 80603

Service Date: 6/14/2018  
 Customer: PDC Energy, Inc.  
 Address: PO Box 26  
 Attn: Accounts Payable  
 City: Bridgeport  
 St: WV 26330  
 Customer Rep: Eduardo Chavez

Well Name: Carmichael 43-26  
 County: Weld  
 State: Colorado  
 API #: 05-123-25023  
 AFE #  
 Job Type: Balanced Plugs  
 Service Supervisor: Klosterman, Austin  
 Pump #1: 445070  
 Pump #2:

REF #	Description	unit of measure	unit price	quan	gross	disc	net
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20	108			
C-T002	Pump Charge 0-2000'	4-HRS	\$ 3,234.33	1			
JM001	Data Acquisition System	JOB	\$ 1,437.48	1			
AE014	Environmental Fee*	JOB	\$ 228.69	1			
ML001	Pickup Mileage	UNTMIL	\$ 4.26	55			
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	\$ 7.32	55			
ML003	Bulk Cement Delivery/Return	MILE	\$ 2.95	389			
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	150			
CC015	Pump Charge Additional Hours	UNTHRS	\$ 588.06	1			
AE012	Bulk Unit Additional Hours	UNTHRS	\$ 130.68	1			
CP009	CF-41 (Foam Preventer)	GAL	\$ 86.06	2			

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: \_\_\_\_\_

DISCLAIMER OF LIABILITY: With respect to this report, neither C&J Energy Services nor any of their employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.

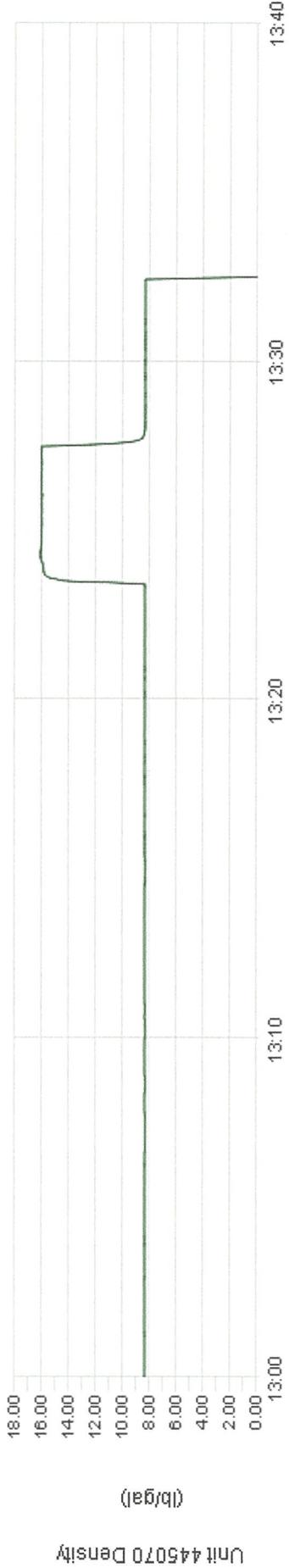
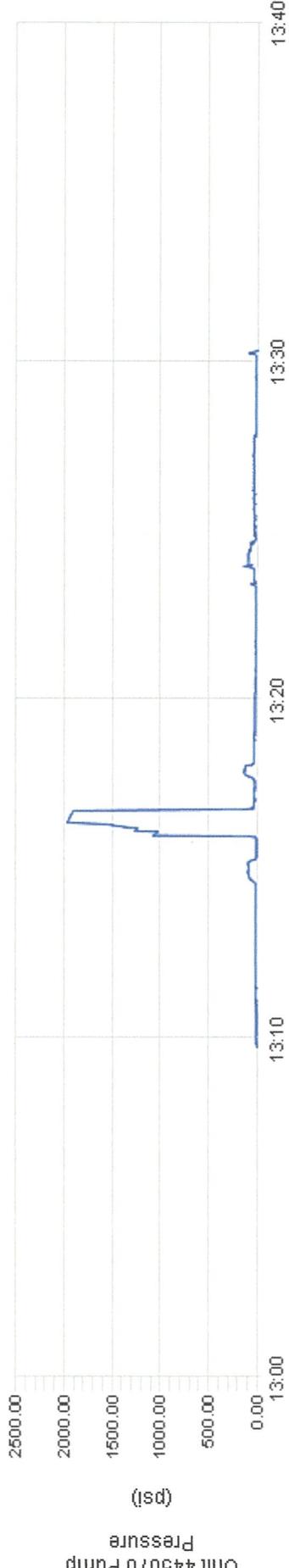
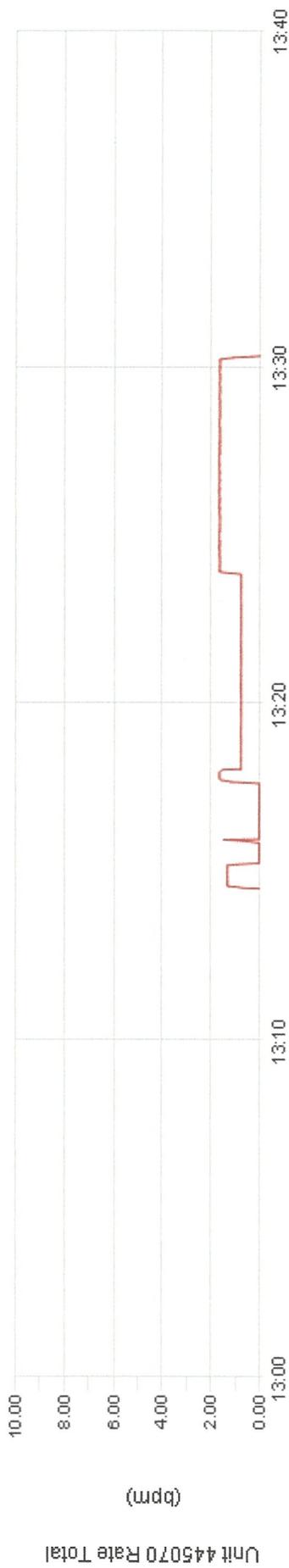


Client  
Ticket No. 3973  
Location Sec 26:T7N:R63W  
Comments

Client Rep  
Well Name Carmichael 43-26  
Job Type Abandonment Plugs

Supervisor  
Unit No. 445070  
Service District Brighton, CO  
Job Date 06/14/2018

Supervisor  
Unit No. 445070  
Service District Brighton, CO  
Job Date 06/14/2018



# RANGER ENERGY SERVICES, LLC

## WIRELINER DIVISION

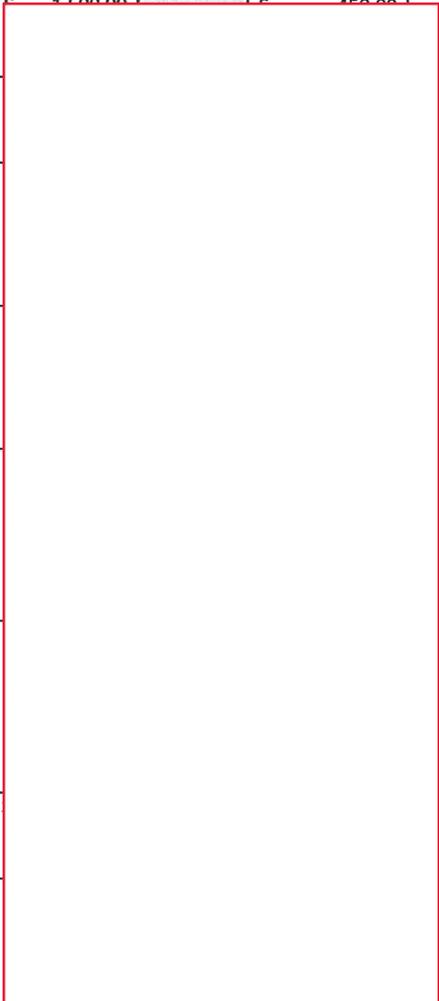
3333 Center Dr  
Milliken, Co



Service Date:

Company Name: PDC		Company Address:			Field Ticket Number: 10001134
Well Name: CARMICHEAL 43-26	Field: WATTENBERG	County: WELD	State: COLORADO		Rig Name & Number: RANGER #03
SERVICE NOTES: RIH JKGR @ 6470' / SET STS CIBP @ 6455' WITH 2 SX CEMENT			Date: 6/14/2018	Wireline Unit # 233 Engineer: A.REAGAN Operator: T.VAN NEST Operator: J.JOHNSON	

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
1	1000-001	Set Up Charge Cased Hole Unit	1	1,500.00		1,500.00
	3000-001	Packoff Operation Charge 0#-1000#	1			
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1			
1	8000-009	Junk Catcher / Gauge Ring Depth Charge	6470			
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1			
2	8000-001	Bridge Plug Depth Charge	6455			
	8000-002	Bridge Plug Operation Charge	1			
	8000-015	Setting Tool Rental, per tool	1			
3	7000-006	Dump Bailer Depth Charge	6455			
	7000-007	Dump Bailer Operation Charge	1			
7	8000-014	Standard Set Power Charge	1			



Customer Signature:	Customer Name Printed: BERNIE CHAVEZ	Ranger Energy Services Representative Signature:
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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.

# RANGER ENERGY SERVICES, LLC

## WIRESLINE DIVISION

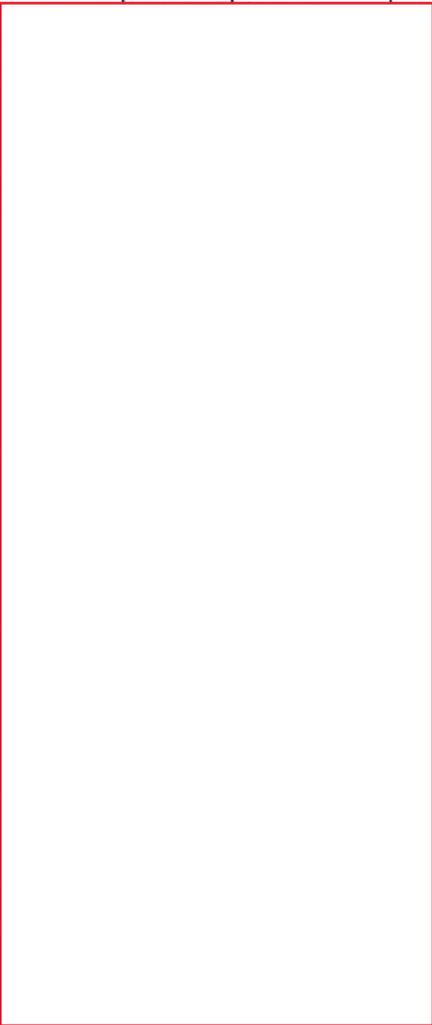
3333 Center Dr  
Milliken, Co



Service Date:

<b>Company Name:</b> PDC		<b>Company Address:</b>			<b>Field Ticket Number:</b> 10001133
<b>Well Name:</b> CARMICHAEL 43-26		<b>Field:</b> WATTENBERG	<b>County:</b> WELD	<b>State:</b> COLORADO	<b>Rig Name &amp; Number:</b> RANGER # 3
<b>SERVICE NOTES:</b> PERFORATE TUBING @ 6805'				<b>Date:</b> 6/13/2018	<b>Wireline Unit #</b> 233
				<b>Engineer:</b> A.REAGAN	<b>Operator:</b> T, VAN NEST
				<b>Operator:</b> J.MICHEAL	

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	\$		
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1	\$		
1	6200-000	Hollow Carrier Depth Charge (Expendable)	6805	\$		
	6400-000	Scalloped Gun Carriers, per shot	40	\$		



<b>Customer Signature:</b>	<b>Customer Name Printed:</b> EDUARDO CHAVEZ	<b>Ranger Energy Services Representative Signature:</b>
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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.





Field Ticket #  
22145  
Date  
6/14/2018

NO 22145  
6/14/2018

Sater Tools and Services LLC, 2424 6th Ave, Greeley Co 80631 Office 970-356-4644 Fax 970-356-0185

<b>Bill To Customer:</b>	P D C	<b>PO#</b>		<b>Lease Name:</b>	Carmichael	<b>Well #:</b>	43-26
<b>Address:</b>	3801 Carson Ave	<b>Field:</b>		<b>County:</b>	CO	<b>Invoice Ref. #:</b>	
<b>City:</b>	Evans	<b>Legal Description:</b>		<b>Job Type:</b>		<b>OCSG #:</b>	
<b>State:</b>	CO	<b>Zip:</b>	80620	<b>Casing Sz &amp; Wt:</b>	4-1/2 11.6#		
<b>Ordered By:</b>	Eduardo Chavez		392+71 N.4Winto	<b>Service Man:</b>	MERCED TERRAZAS		

NO.	RENTALS/SALES	PRICE	QTY	DSC	PRICE	DSC	TOTAL
1	Rental of 5k 7-1/16 BOP adopter flange	475.00	1	3.5%			
2	Rental of TTW valve	275.00	1	3.5%			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
					Subtotal Taxable Charges		
					Subtotal Non-Taxable Charges		
					MILEAGE		
					Mileage	25	
					Subtotal Non-Taxable Charges		
					Subtotal Non-Taxable Charges		

Terms: Net 30 Days

*Eduardo Chavez*

Authorized Agent: \_\_\_\_\_

Date: \_\_\_\_\_