



SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL3957**

Lease & Well Number: **Carmichael 33-26**

Date: **6/12/2018**

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	Ticket Date
TN# FL3957	6/12/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-25028
WELL NAME	RIG	JOB TYPE
Carmichael 33-26	Ranger #3	Balanced Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
Sec26:T7N:R63W	Klosterman, Austin	Eduardo Chavez

EMPLOYEES		
Peterson, Ryan		
Lindsay, Kevin		
	Brantley, Chad	

WELL PROFILE			
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	540	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5	P-110	1820	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA				
Stage 1:	From Depth (ft):	1820	To Depth (ft):	1437
Type: Plug 1	Volume (sacks):	30	Volume (bbls):	6.1
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G		15.8	1.15	5.00

Stage 2:	From Depth (ft):	744	To Depth (ft):	0
Type: Plug 2	Volume (sacks):	141	Volume (bbls):	29
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G		15.8	1.15	5.00

SUMMARY				
Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1
	bbls of		Actual Displacement (bbl):	5.5
	bbls of			5.5
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	n/a	Bump Pressure (psi):
Total Slurry Volume (bbl):		Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	10.5			
Returns to Surface:			bbls	
Job Notes (fluids pumped / procedures / tools / etc.):	Job went according to program and customer's request. Job went well.			

Customer Representative Signature: _____

Thank You For Using
O-TEX Cementing



CEMENTING JOB LOG

Project Number	Job Date
FL3957	6/12/2018
State	County
Colorado	Weld
Customer Representative	Phone
Eduardo Chavez	970-397-0599
Man Hours	API Number
16	05-123-25028

O-Tex Location	Customer
Brighton, Colorado 303-857-7948	PDC Energy, Inc.
Lease Name	O-Tex Field Supervisor
Carmichael 33-26	Klosterman, Austin
Well No.	Job Type
	Balanced Plugs

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.	
6/12/2018	11:30					Arrive on location
6/12/2018	11:40					Tailgate meeting
6/12/2018	11:50					Rig in
6/12/2018	12:30					Safety meeting / JSA
6/12/2018	12:40				2056	Pressure test
6/12/2018	12:41	5	bbl	0.80	25	Fresh ahead
6/12/2018	12:46	6.1	bbl	1.80	100	30sx @15.8ppg (Yield 1.15) Neat G
6/12/2018	12:49	5.5	bbl	2.00	67	Displace to balance
6/12/2018	12:58					Wait on rig to TOH w/ tubing to 744'
6/12/2018	13:18	13	bbl	1.90	168	63sx @15.8ppg (Yield 1.15) Neat G to receive returns to tank
6/12/2018	13:28					Wait on rig to TOH w/ tubing / Nipple down
6/12/2018	14:15	16	bbl	1.70	38	78sx @15.8ppg (Yield 1.15) Neat G pumping down casing up surface
6/12/2018	14:30					Wash up / Rig out
6/12/2018	15:00					Job complete
6/12/2018	15:30					Leave location

JOB CALCULATIONS

1st Cement Plug - From 1820' to 1437' / Cement Coverage = 383'
30sx @15.8ppg (Yield 1.15) Neat G = 6.1bbbls Displaced to balance w/ 5.5bbbls
2nd Cement Plug - From 744' to 0' / Cement Coverage = 744'
141sx @15.8ppg (Yield 1.15) Neat G to receive returns and to fill surface casing from 220' = 29bbbls / No displacement needed

TUBING / CASING DATA

2 3/8" Tubing - From 1820' to 0' (1st Plug) / 2 3/8" Tubing - From 744' to 0' (2nd Plug)
4 1/2" Production Casing - From 1820' to 0'
8 5/8" Surface Casing - From 540' to 0'

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW



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

FIELD RECEIPT

TN # FL3957

Service Date:	6/12/2018	Well Name:	Carmichael 33-26
Customer:	PDC Energy, Inc.	Job Type:	Balanced Plugs
Address:	PO Box 26	Service Supervisor:	Klosterman, Austin
City:	Attn: Accounts Payable		
St:	Bridgeport		
Customer Rep:	WV 26330	Pump #1	445047
	Eduardo Chavez	Pump #2	

REF #	Description	unit of measure	unit price	quan
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20	171
CT002	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	518
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	200

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

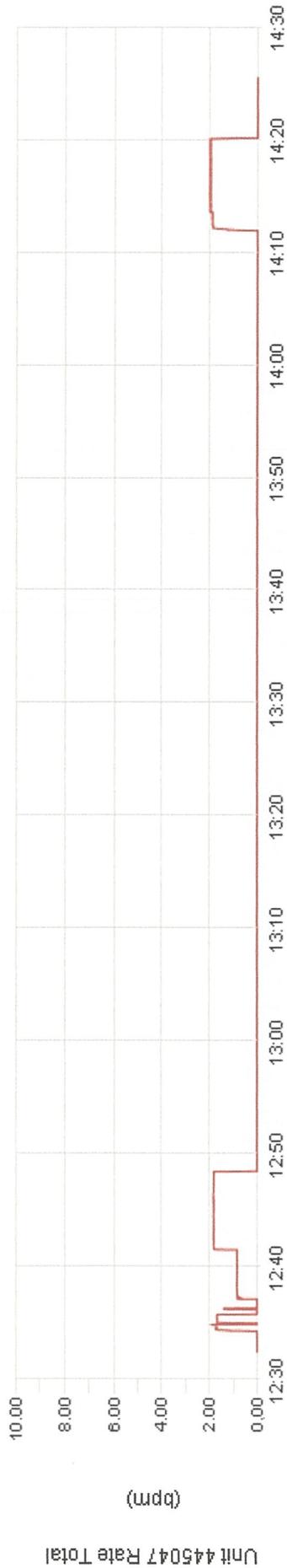
Customer Authorized Agent: _____

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	PDC	Client Rep	Supervisor
Ticket No.	3957	Well Name	Unit No.
Location	Sec26:T7N:R63W	Job Type	Service District
Comments	See job log.		Job Date

Bernie Chavez
 Carichael 33-26
 Abandonment Plugs
 Brighton, CO
 06/12/2018



RANGER ENERGY SERVICES, LLC

WIRESLINE DIVISION

3333 Center Dr
Milliken, Co



Service Date:

Company Name: PDC		Company Address:		Field Ticket Number: 10001131
Well Name: CARMICHAEL 33-26	Field: WATTENBERG	County: WELD	State: COLORADO	Rig Name & Number: RANGER #
SERVICE NOTES: RIH WITH JKGR @ 6505', SET STS CIBP @ 6489' WITH 2SX CEMENT, PERFORATE 1' 4SPF @ 220'.			Date: 6/12/2018	Wireline Unit # 233 Engineer: A.REAGAN Operator: T, VAN NEST Operator: 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			
	8000-009	Junk Catcher / Gauge Ring Depth Charge	6505			
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1			
1	8000-001	Bridge Plug Depth Charge	6489			
	8000-002	Bridge Plug Operation Charge	1			
	8000-015	Setting Tool Rental, per tool	1			
	7000-006	Dump Bailer Depth Charge	6489			
	7000-007	Dump Bailer Operation Charge	1			
	6200-000	Hollow Carrier Depth Charge (Expendable)	6000			
	6200-001	HSC Per Shot (Expendable) 0-4,000	40			
	6400-000	Scalloped Gun Carriers, per shot	4			
7	8000-014	Standard Set Power Charge	1			

Customer Signature:	Customer Name Printed: EDUARDO 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.



Field Ticket #
22144

NO 22144

Date
6/14/2018

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

Bill To Customer:	P D C	PO#	Lease Name:	Carmichael	Well #:	33-26
Address:	3801 Carson Ave	Field:	County:	CO	Invoice Ref. #:	
City:	Evans	Legal Description:	Job Type:		OCSG #:	
State:	CO	Zip:	Casing Sz & Wt:	4-1/2 11.6#		
Ordered By:	Eduardo Chavez		Service Man:	MERCED TERRAZAS		

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

Terms: Net 30 Days

Authorized Agent: Eduardo Chavez Date: _____

WALTER CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket #

22147

Date

NO 22147

6/14/2018

Bill To Customer:	P D C	PO#		Lease Name:	Carmichael	Well #	33-26
Address:	3801 Carson Ave	Field:		County:	Weld	St:	CO
City:	Evans	Legal Description:		Job Type:		Invoice #	
State:	CO	Zip:	80620	Casing Sz & Wt:		OCSG #:	
Ordered By:	Eduardo Chavez			Service Man			

NO.	RENTALS/SALES	QTY	PRICE	DSC	TOTAL
1	Sale of 4-1/2 D & H CIBP	1			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
			Subtotal Taxable Charges		
			Subtotal Non-Taxable Charges		
			Subtotal Non-Taxable Charges		
			Subtotal Non-Taxable Charges		



Terms: Net 30 Days

Authorized Agent: Eduardo Chavez

Date: _____