



Daily Work Ticket

Report #

Customer Name PDC Energy		Customer AFE #		Date: 5/29/2018
Mailing Address	City	State CO	Zip	County WELD
Field	Lease	Well HAHN 13-27		Order #
Work Description	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	Workover Equipment	Qty.	Rate Hr/Day/Ea	Total
Rig & Crew	13.00	@ \$275.00	\$3,575.00	BOP	1.00	@ \$300.00	\$300.00
Extra Labor	14.00	@ \$48.00	\$672.00	Pump	1.00	@ \$575.00	\$575.00
Rig Fuel	@			Tank	1.00	@ \$175.00	\$175.00
Pump Fuel	@			Base Beam	1.00	@ \$40.00	\$40.00
Cementing Services	@			Pipe Handler	@		
Extra Cement - Cementing Services	@			Loader	@		
P & A Bidded Cost	@			Pipe Racks	@		
				Power Swivel	@		
				JU/Washington H	@		
				Rod/TBG Tongs	@		
				Adapter Flange	@		
				Catwalk	@		

ReCharge Items	Qty.	Rate Hr/Day/Ea	Total
Crew Travel	1.00	@ \$210.00	\$210.00
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	@		
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: \$279.55 (5.00%)

TOTAL BILLABLE AMOUNT \$5,311.45

Description of Work Start Time 6:00 AM Stop Time 8:00 PM

6:00 AM TO 6:30 AM CREW TRAVEL TO LOCATION.
 JSA SAFETY MEETING RIG UP RIG UP PUMP AND TANK CHECK PRESSURE 720/960 PSI OPEN TO TANK LOAD WELL AND ROLL THE HOLE CLEAN NIPPLE UP BOP AND TRIP TALLY OUT TO DERRECK WITH 42 JTS AND LAYDOWN 174 JTS TO TRAILER WAS LANDED WITH 216 JTS TOTAL RIG UP RANGER WIRE LINE RUN GAUGE RING TO 7145' AND RUN 2 CIBP PLUGS 1- SET AT 7095' WITH 2 SACKS CEMENT ON TOP 2ND SET AT 6772' WITH 2 SACKS CEMENT ON TOP LOAD WELL AND PRESSURE TEST AT 1000 PSI TESTING GOOD MAKE LOG OR CBL TO 1500' AND CUT CASING AT 1300' RIG DOWN WIRE LINE NIPPLE DOWN BOP PULL CASING PULL SLIPS OUT CHANGE ALL EQUIPMENT AT 4 1/2 NIPPLE UP BOP LAYDOWN 4 1/2 SUB CLOSE BOP LOCK AND SHUT DOWN. 7:30 PM TO 8:00 PM CREW TRAVEL TO TOWN.

Payroll Section					
Employee	Rev Hours	Travel Hours	Non Rev Hours	Total	
Tool Pusher Quezada, Julian	0.00	0.00	0.00	0.00	
Operator Alonzo, Julio	13.00	1.00	0.00	14.00	
Derrick Barraza, Luis	13.00	1.00	0.00	14.00	
FloorHand Aguilar, Manuel Q	13.00	1.00	0.00	14.00	
FloorHand Caudillo Garcia, Aristeo	13.00	1.00	0.00	14.00	

No Unreported Incidents Per My Signature

Ranger Tool Pusher

Customer/Agent



Job Summary

Ticket Number	FL3862	Ticket Date	5/30/2018
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COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-20347
WELL NAME	RIG	JOB TYPE
Hahn 13-27	Ranger #22	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWSW 27 5N67W	Scott, Derek	Ryan Beam

EMPLOYEES		
Williamson, Garrick		
Lindsay, Kevin		
Coral-Flores, Francisco		

WELL PROFILE			
Max Treating Pressure (psi):	1000	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)
	10	1000	1300		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	14	375	1000		

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	375		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5		1300	1423		
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):	1000	To Depth (ft):	1423
Type: Stub Plug	Volume (sacks):	152	Volume (bbls):	31.1
Cement & Additives:				
	100% Class G+2% CaCl2	Density (ppg)	Yield (ft³/sk)	Water Req.
		15.8	1.16	5.00

Stage 2:	From Depth (ft):	110	To Depth (ft):	600
Type: Top Plug	Volume (sacks):	224	Volume (bbls):	46
Cement & Additives:				
	100% Class G+2% CaCl2	Density (ppg)	Yield (ft³/sk)	Water Req.
		15.8	1.15	5.00

Stage 3:	From Depth (ft):	0	To Depth (ft):	110
Type: Top Plug	Volume (sacks):	34	Volume (bbls):	7
Cement & Additives:				
	100% Class G	Density (ppg)	Yield (ft³/sk)	Water Req.
		15.8	1.15	5.00

Stage 4:	From Depth (ft):	0	To Depth (ft):	0
Type: Top off	Volume (sacks):	5	Volume (bbls):	1
Cement & Additives:				
	100% Class G	Density (ppg)	Yield (ft³/sk)	Water Req.
		15.8	1.15	5.00

SUMMARY				
Preflushes:	10 bbls of Fresh Water	Calculated Displacement (bbl):	3.8	Stage 1
		Actual Displacement (bbl):	3.9	Stage 2
Total Preflush/Spacer Volume (bbl):	10	Plug Bump (Y/N):	N/A	Bump Pressure (psi):
Total Slurry Volume (bbl):	85.1	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	99			
Returns to Surface:	Cement	2 bbls		
Job Notes (fluids pumped / procedures / tools / etc.):	Plug 1) Covered stub from 1000' to 1423' with 152sx of G+2% CaCl2 (31.1bbls). Plug 2) Pumped cement to surface with 224sx of G+2% CaCl2 (46bbls) and 34sx Neat G (7bbls). We topped off the well with 5sx Neat G (1bbls). Job went well.			

Customer Representative Signature: _____

Thank You For Using
O-TEX Cementing



FIELD RECEIPT

TN # FL3862

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

Service Date: 5/30/2018
 Customer: PDC Energy, Inc.
 Address: PO Box 26
 Attn: Accounts Payable
 City: Bridgeport
 St: WV 26330
 Customer Rep: Ryan Beam

Well Name: Hahn 13-27
 County: Weld
 State: Colorado
 API #: 05-123-20347
 AFE #

Job Type: Stud Plug
 Service Supervisor: Scott, Derek
 Pump #1: 445033
 Pump #2:

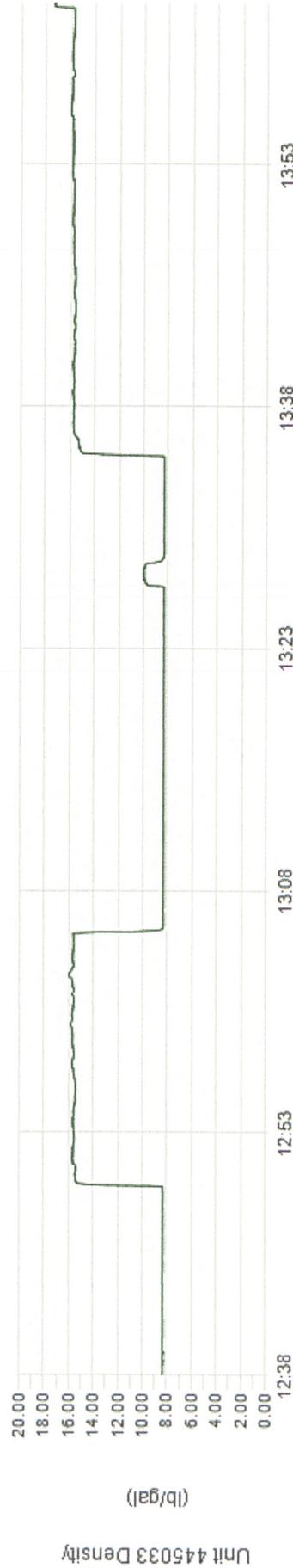
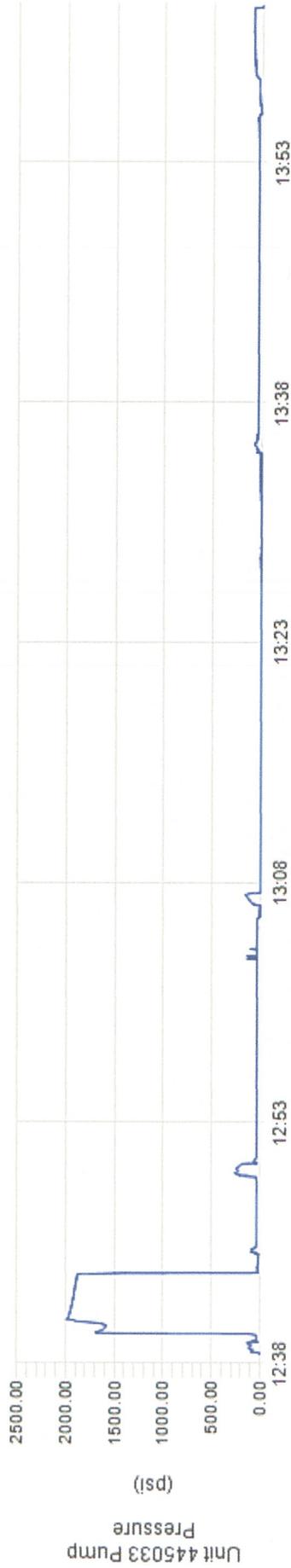
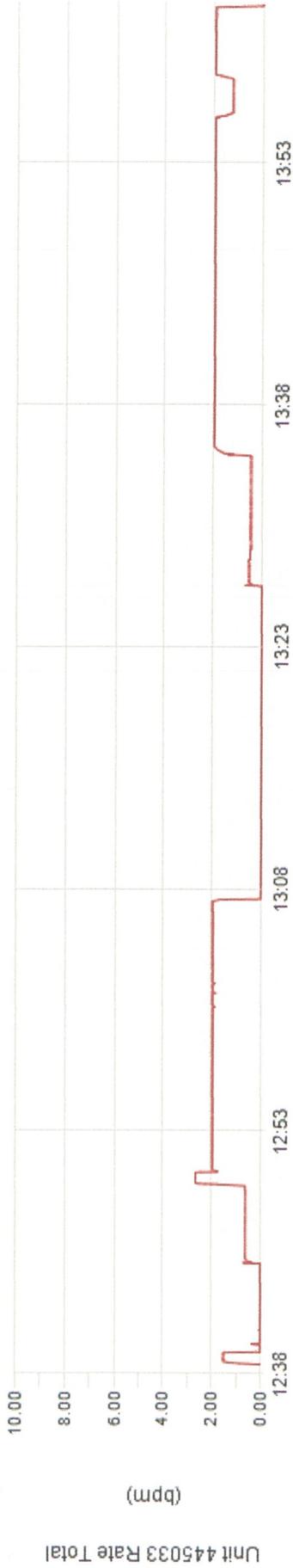
REF #	Description	unit of measure	unit price	quan	gross	disc	net
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20				
CP018	Calcium Chloride	LBS	\$ 1.22				
CT002	Pump Charge 0-2000'	4-HRS	\$ 3,234.33				
JM001	Data Acquisition System	JOB	\$ 1,437.48				
AE014	Environmental Fee*	JOB	\$ 228.69				
ML001	Pickup Mileage	UNTMIL	\$ 4.26				
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	\$ 7.32				
ML003	Bulk Cement Delivery/Return	MILE	\$ 2.95				
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27				

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 Energy
Ticket No. 3862
Location NWSW 27-5N-67W
Comments See Job Log
Client Rep Ryan Beam
Well Name Hahn 13-27
Job Type Abandonment Plugs
Supervisor Derek Scott
Unit No. 445033
Service District Brighton, CO
Job Date 05/30/2018



RANGER ENERGY SERVICES, LLC

WIRELINE DIVISION

3333 Center Dr
Milliken, Co



Service Date:

Company Name: PDC		Company Address:		Field Ticket Number: 30001887
Well Name: Hahn 13-27	Field: WATTENBERG	County: WELD	State: COLORADO	Rig Name & Number: Ranger Rig 22
SERVICE NOTES: JCGR TO 7145' / Set STS CIBP @ ' with 2 sx cemen / Set STS CIBP 6772@ with 2sx cement / CBL 1500' to surface / Jet cut 4.5" casing @ 1300'			Date: 5/29/2018	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	\$		
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1	\$		
2	8000-009	Junk Catcher / Gauge Ring Depth Charge	7145	\$		
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1	\$		
3	8000-001	Bridge Plug Depth Charge	7095	\$		
	8000-002	Bridge Plug Operation Charge	1	\$		
4	8000-015	Setting Tool Rental, per tool	1	\$		
	7000-006	Dump Bailer Depth Charge	7095	\$		
	7000-007	Dump Bailer Operation Charge	1	\$		
5	8000-001	Bridge Plug Depth Charge	6772	\$		
	8000-002	Bridge Plug Operation Charge	1	\$		
	8000-015	Setting Tool Rental, per tool	1	\$		
	7000-006	Dump Bailer Depth Charge	6772	\$		
	7000-007	Dump Bailer Operation Charge	1	\$		
5	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	\$		
7	5000-011	Jet Cutter Depth Charge	1300	\$		
	5000-014	Jet Cutter Operation Charge for Casing	1	\$		
6	8000-014	Standard Set Power Charge	2	\$		

Customer Signature:	Customer Name Printed:	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 #

22050

Date

5/30/2018

N9 22050

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:	Hahn	Well #:	1-37
Address:	3801 Carson Ave	Field:	County:	CO	Invoice Ref. #:	
City:	Evans	Legal Description:	Job Type:	CO	OCSG #:	
State:	CO		Casing Sz & Wt:	4-1/2 11.6#		
Ordered By:	Ryan Beam		Service Man:	MERCED TERRAZAS		

NO.	RENTALS/SALS	QTY	PRICE	DSC	TOTAL
1					30.00
2					
3					
4					
5	Rental of 7-1/16 5K BOP flange	1			
6					
7	Rental of TTW valve	1			
8					
9					
10					
11					
12					
13					
14					
Subtotal Taxable Charges					
SERVICE MANS TIME					
Subtotal Non-Taxable Charges					
MILEAGE					
Mileage					35
Subtotal Non-Taxable Charges					
Subtotal Non-Taxable Charges					

Terms: Net 30 Days

Authorized Agent: _____ \$

Date: 5/30/18

