

RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043577-SO3

DATE: 22-May-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC ATTENTION: ACCOUNTS PAYABLE BRIDGEPORT, West Virginia, USA 26330	LOCATION: J & L Farms 29B (CO, Station: Lasalle)	PO: AFE:

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	6.00	406.50	2,439.00
Rig Up	2.00	290.00	580.00
Crew Travel	4.00	193.60	774.40
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
CHARGES & EXPENDABLES SUB-TOTAL			3,872.20
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 3,872.20
CUSTOMER STAMP			

ROD & TUBING DETAILS				
PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:
NOTES:				
TUBING DETAILS				
PULLED	SIZE:	JOINTS:	TALLY:	
RAN	SIZE:	JOINTS:	TALLY:	
LANDED AT:		NIPPLE AT:		
NOTES:				
PUMP DETAILS				
SIZE:		TYPE:	SERIAL #:	

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Sunny		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
22-May-18, 06:00	22-May-18, 18:00	12.00	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting check press 0/0 open to work tank function test BOP test good MIRU cementers held safety meeting mix/pump 170sxs g 2% CaCl from 1837'-1370' displaced 5.3bbl R/D cementers L/D 32jnts to trailer leaving 26jnts in @ 821' R/U cementers catch circ w/ 2bbl mix/pump 390sxs from 821' to surface R/D cementers L/D 26jnts to trailer tie cementers onto surface mix/pump 5sxs top off to surface wash up lines/equip R/D work floor tbg equip N/D BOP 8 5/8 spool R/D rig R/D pump/tank prep rig/equip for move crew cleaned loc installed well fence installed 8 5/8 night cap shut in move rig/equip to next loc remove well fence spot in rig/equip R/U rig R/U pump/tank shut in well crew cleaned loc crew traveled home
TOTAL TIME: 12.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Matthew McGraw	22-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	22-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	22-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	22-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Geovany Cadena Beltran	22-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.
OPERATOR'S REP. SIGNATURE: 	Eduardo Chavez 970-397-0599

RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043577-SO2

DATE: 21-May-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: J & L Farms 29B (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	9.00	406.50	3,658.50
Crew Travel	3.00	193.60	580.80
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,358.10
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,358.10
CUSTOMER STAMP			

ROD & TUBING DETAILS				
ROD DETAILS				
PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:
NOTES:				
TUBING DETAILS				
PULLED	SIZE:	JOINTS:	TALLY:	
RAN	SIZE:	JOINTS:	TALLY:	
LANDED AT:		NIPPLE AT:		
NOTES:				
PUMP DETAILS				
SIZE:		TYPE:		SERIAL #:

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Sunny		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
21-May-18, 06:00	21-May-18, 18:00	12.00	Rig - Pick Up/Lay Down Tubular	Crew traveled to loc crew held safety meeting check press 0/0 open to work tank function test BOP test good R/D work floor tbg equip N/D BOP, wellhead remove 8 5/8 cap/packing P/U csg spear unland csg from slips L/D spear N/U 8 5/8 spool N/U BOP R/U work floor csg equip P/U 4 1/2" lift sub work stretch out of csg initial pull free to 1543' work csg got free to 2701' set in slips MIRU wireline RIH jet cutter cut 4 1/2" csg @ 1700' R/D wireline L/D lift sub L/D 1jnt 4 1/2" csg R/U Kelly condition hole 3hrs R/D Kelly L/D 39jnts 4 1/2" csg to trailer switch over equip to 2 3/8 TITH w/ mule shoe 58jnts 2 3/8 tbg to 1837' shut in well crew cleaned loc crew traveled home
TOTAL TIME: 12.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Matthew McGraw	21-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	21-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	21-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	21-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Martin Gonzalez	21-May-18, 06:00	12.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto. OPERATOR'S REP. SIGNATURE: Eduardo Chavez 970-397-0599

RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043577-SO1

DATE: 18-May-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: J & L Farms 29B (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	9.50	406.50	3,861.75
Rig Up	1.00	290.00	290.00
Crew Travel	2.00	193.60	387.20
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
CHARGES & EXPENDABLES SUB-TOTAL			4,617.75
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,617.75
CUSTOMER STAMP			

ROD & TUBING DETAILS						
ROD DETAILS						
<input type="checkbox"/> PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:		
<input type="checkbox"/> RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:		
NOTES:						
TUBING DETAILS						
<input type="checkbox"/> PULLED	SIZE:	JOINTS:	TALLY:			
<input type="checkbox"/> RAN	SIZE:	JOINTS:	TALLY:			
LANDED AT:		NIPPLE AT:				
NOTES:						
PUMP DETAILS						
SIZE:		TYPE:		SERIAL #:		
PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:			SCBA DRILL DATE:			
MAN DOWN DRILL DATE:			RIG RESCUE DRILL DATE:			
BOP DRILL DATE:			BOP DRILL DURATION:			
IADC DETAILED INSPECTION DATE:						
WEATHER: Cloudy		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
18-May-18, 06:00	18-May-18, 18:30	12.50	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting check press 700/900/50 bleed off to work tank circ well w/ 130bbl circ 1hr clean function test BOP test good tie onto flow line bleed off to work tank no press N/D well tree, master valve, 3K cap N/U 3K to 5K top flange N/U BOP R/U work floor tbq equip unland tbq hanger from wellhead TOTH 58jnts to derrick L/D 155jnts to trailer keeping hole loaded MIRU wireline RIH gauge ring to 6750' RIH CIBP #1 set @ 6709' RIH dump 2sxs RIH CIBP #2 set @ 6366' RIH dump 2sxs R/D wireline press test plug/csg 1000psi test good shut in well lock well/tanks crew cleaned loc crew traveled home
TOTAL TIME: 12.50 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Matthew McGraw	18-May-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	18-May-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	18-May-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	18-May-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Floorhand	Martin Gonzalez	18-May-18, 06:00	12.50	0.00	No	0.00		0.00	No

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto. OPERATOR'S REP. SIGNATURE:  Eduardo Chavez 970-397-0599



SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL3794**

Lease & Well Number: **J&L Farms 29B**

Date: **5/22/2018**

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# FL3794	5/22/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-20483
WELL NAME	RIG	JOB TYPE
J&L Farms 29B	Ensign 354	Balanced Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
Sec29:T6N:R63W	Klosterman, Austin	Eduardo Chavez

EMPLOYEES		
Field, Tony		
Phillips, James		
Laslie, Larry	Brantley, Chad	

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	1700	1361		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	14	821	398		

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	398	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	1837	1700		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		1837	0		

CEMENT DATA				
Stage 1:	From Depth (ft):	1837	To Depth (ft):	1361
Type: Plug 1	Volume (sacks):	170	Volume (bbls):	35
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G+2% CaCl ₂		15.8	1.16	5.00

Stage 2:	From Depth (ft):	821	To Depth (ft):	0
Type: Plug 2	Volume (sacks):	395	Volume (bbls):	81
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	Stage 2
	5 bbls of Fresh Water	Actual Displacement (bbl):	5.3	
	bbls of		5.3	
Total Preflush/Spacer Volume (bbl):	10	Plug Bump (Y/N):	n/a	Bump Pressure (psi):
Total Slurry Volume (bbl):	116	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	131.3			
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	FL3794	Job Date	5/22/2018
State	Colorado	County	Weld
Customer Representative	Eduardo Chavez	Phone	970-397-0599
API Number	05-123-20483		

O-Tex Location	Brighton, Colorado 303-857-7948	Customer	PDC Energy, Inc.
Lease Name	J&L Farms 29B	O-Tex Field Supervisor	Klosterman, Austin
Well No.		Man Hours	16

**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.	
5/22/2018	7:00					Arrive on location
5/22/2018	7:10					Tailgate meeting
5/22/2018	7:20					Rig in
5/22/2018	7:40					Safety meeting / JSA
5/22/2018	7:55				2800	Pressure test
5/22/2018	7:56	5	bbbl	1.00	100	Fresh ahead
5/22/2018	8:02	35	bbbl	2.00	50	170sx @15.8ppg (Yield 1.16) Neat G + 2%CaCl2
5/22/2018	8:19	5.3	bbbl	2.00	260	Displace to balance
5/22/2018	8:25					Wait on rig to TOH w/ Tubing to 821'
5/22/2018	8:40	5	bbbl	0.80	35	Fresh ahead
5/22/2018	8:46	80	bbbl	2.80	150	390sx @15.8ppg (Yield 1.15) Neat G until cement returns to tank
5/22/2018	9:15					Wait on rig to TOH w/ Tubing / Nipple down
5/22/2018	9:36	1	bbbl	0.50	10	5sx @15.8ppg (Yield 1.15) Neat G to top off
5/22/2018	10:00					Wash up / Rig out
5/22/2018	10:30					Job complete
5/22/2018	11:00					Leave location

JOB CALCULATIONS

1st Cement Plug - From 1837' to 1361' / Cement Coverage = 476'
 Estimated TOC = 1361' / Displaced to balance w/ 5.3bbbls
 170sx @15.8ppg (Yield 1.16) Neat G + 2% CaCl2 = 35bbbls
 2nd Cement Plug - From 821' to 0' / Cement Coverage = 821'
 TOC = 0' / No displacement needed
 390sx @15.8ppg (Yield 1.15) Neat G = 80bbbls to receive cement returns to tank
 5sx @15.8ppg (Yield 1.15) Neat G = 1bbbl to top off

TUBING / CASING DATA

4 1/2" Production Casing - From 1837' to 1700' (1st Plug)
 2 3/8" Tubing - From 1837' to 0' (1st Plug) / 2 3/8" Tubing - From 821' to 0' (2nd Plug)
 8 5/8" Surface Casing - From 398' to 0'
 10" OH - From 1700' to 1361' (1st Plug) / 14" OH From 821' to 398' (2nd Plug)

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 # FL3794

Service Date: 5/22/2018
 Customer: PDC Energy, Inc.
 Address: PO Box 26
 Attn: Accounts Payable
 City: Bridgeport
 St: WV 26330
 Customer Rep: Eduardo Chavez

Well Name:
 County:
 State:
 API #
 AFE #

J&L Farms 29B
 Weld
 Colorado
 05-123-20483

Job Type: Balanced Plugs
 Service Supervisor: Klosterman, Austin
 Pump #1: 445070
 Pump #2:

REF #	Description	unit of measure	unit price	quan	price	total
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20	565		
CP018	Calcium Chloride	LBS	\$ 1.22	320		
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	50		
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	\$ 7.32	50		
ML003	Bulk Cement Delivery/Return	MILE	\$ 2.95	1,583		
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	677		
CP009	CF-41 (Foam Preventer)	GAL	\$ 86.06	3		

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

Customer Authorized Agent: _____

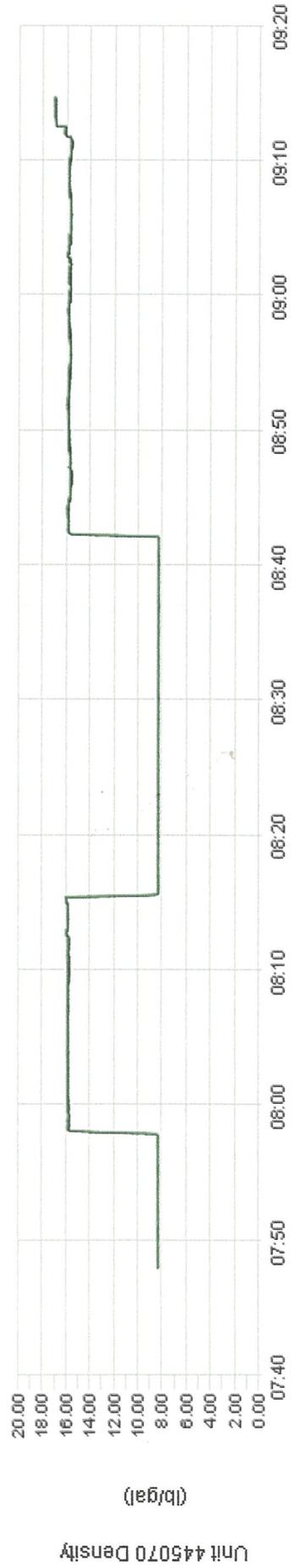
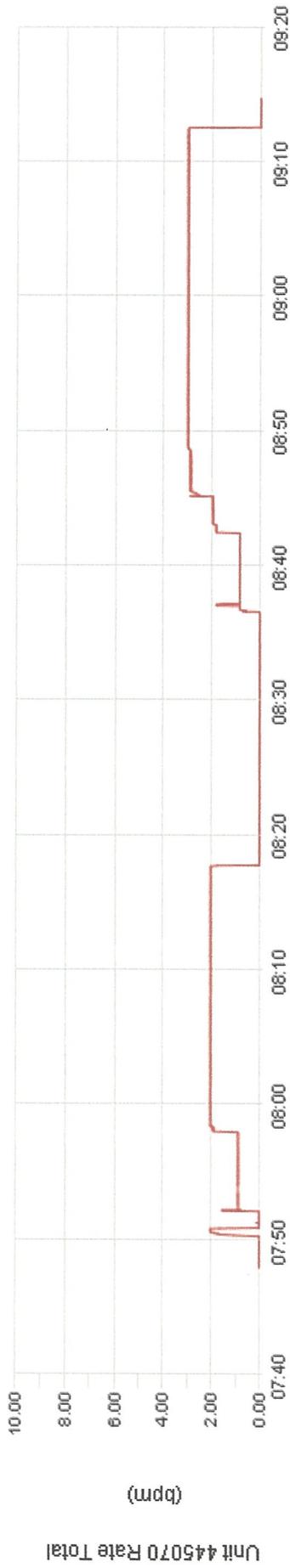
DISCLAIMER OF LIABILITY: With respect to this report, neither C&J Energy Services nor any of their employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness,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



Client PDC
Ticket No. 3794
Location Sec29:T6N:R63W
Comments See job log.

Client Rep Bernie Chavez
Well Name J&L Farms 29B
Job Type Abandonment Plugs

Supervisor A. Klosterman
Unit No. 445070
Service District Brighton, CO
Job Date 05/22/2018





Field Ticket #

22010

Date

NO 22010

5/21/2018

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#	J & L Farms	Well #:	29 B
Address:	3801 Carson Ave		County: CO	Invoice Ref. #:	
City:	Evans	Field:	Job Type:	OCSG #:	
State:	CO	Zip:	Casing Sz & Wt:		
Ordered By:	Eduardo Chavez	Legal Description:	Service Man:		
		WR CCW to feed lot Ninto	MERCED TERRAZAS		

NO.	RENTALS/SALES	QTY	PRICE	DSC	TOTAL
1	Rental of TIW valve	1			
2	Rental of 7-1/16 5K BOP adopter flange	1			
3	Rental of 9487 casing spear	1			
4	Rental of 9487 3.941 spear grapple	1			
5	Rental of 2-3/8 reg pin x 2-3/8 IF box, 2-3/8 IF spear extension and lifting sub	3			
6	Rental of 4-1/2 air slips	1			
7	Rental of 4-1/2 elevators	1			
8	Rental of 4-1/2 lifting sub	1			
9	Rental of 8-5/8 surface head adopter spool	1			
10					
11					
12					
13					
14					
Subtotal Taxable Charges					
SERVICE MANS TIME					
	Service mans time	1			
	Inspection charges	9			
Subtotal Non-Taxable Charges					
MILEAGE					
	Mileage	20			
Subtotal Non-Taxable Charges					
Subtotal Non-Taxable Charges					

Terms: Net 30 Days

Authorized Agent: Eduardo Chavez

Date: _____

CASEDHOLE SOLUTIONS



Rev.032718 A

ORDER P. O. NUMBER

SERVICE ORDER

PAGE

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1 of 1

* Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.

DATE

To CASEDHOLE SOLUTIONS, INC

05/21/2018

You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER FURNISHED LEASE/WELL INFORMATION	COMPANY	PDC ENERGY		
	LEASE	J&L FARMS	WELL NUMBER	29B
	LEGAL & LOCATION	0		
	FIELD	Wattenberg	PARISH/COUNTY	WELD
		STATE	COLORADO	

THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASEDHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE.

IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US.

WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.

CUSTOMER NAME **PDC ENERGY**

INVOICE MAILING ADDRESS CITY STATE ZIP CODE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

X Thank you for using Casedhole Solutions!! Total runs, all pages 1

THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER 923827 OPERATION TYPE: _____ WELL TYPE: _____ ROUND TRIP MILEAGE
TRIP: _____ HOISTING TYPE: _____

WIRELINE DEPTH _____ MAX. WELLHEAD PRESSURE _____ PSI BOTTOM HOLE PRESSURE: _____ PSI

Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1		1700	P - Packoff	each	1					Plug			
			P - Jet Cutters (all)	each	1					Perf			

STANDARD PRICING										NO. DESC.	NO. SHOTS FIRED	NO. SEL. SWITCHES	SEL. SW. FAILURES
Runs for this job-										0	0	0	0
ESTIMATED TOTAL CHARGE										RES. EQ. USE	% H2S/ACID	PHASE	SPF
										10K		0	0
										Was catering provided by Casedhole Solutions?			
										NO			

THE SERVICE(S) AND/OR EQUIPMENT COVERED BY THIS SERVICE ORDER HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE: **X** Eduardo Chavez

LOGS RECEIVED AT WELL

CUST. INITIALS

SIGNATURE OF CASEDHOLE SOLUTIONS EMPLOYEE: *Robert Gardner*

CASING/TUBING RECORD				PERM. DEPTH DATUM		GROUND LEVEL		ELEV.	ELEV K.B.
SIZE	WEIGHT	TYPE	FROM	TO	LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F.	G.L.
		Casing 1			Fluid Type	Fluid Weight	Fluid Level	REMARKS	
		Casing 2				lbs/gal	feet	District doing job: Fort Lupton, CO	
		Tubing			Bottom Hole Temperature		Degrees F	Line of Business: Completions	
		Liner						Type of Job: Vertical Perf. and Logging	
		Drill Pipe						Class: Vert. Domestic	

CASEDHOLE ENGINEER NAMES		WORK WITNESSED BY NAME		District job is in:	
Gardner, Robert	Russell	Eduardo Chavez		Fort Lupton, CO	
Crew 1				AFE#:	
Crew 2				Engineer:	
Crew 3				MSA#:	
Crew 4					
Crew 5					
Crew 6					

CASEDHOLE SOLUTIONS



Rev.032718 A	CUST. P. O. NUMBER	SERVICE ORDER F-4396	PAGE 1 of 1
* Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.			DATE 05/18/2018
To CASEDHOLE SOLUTIONS, INC You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:			

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC ENERGY		
FURNISHED	LEASE	J&L FARMS	WELL NUMBER	29B
LEASE/WELL	LEGAL & LOCATION	0		
INFORMATION	FIELD	PARISH/COUNTY	STATE	Wattenberg WELD COLORADO

THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASEDHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE. IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US. WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.

CUSTOMER NAME PDC ENERGY	CITY	STATE	ZIP CODE
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SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE X	Thank you for using Casedhole Solutions!!	Total runs, all pages	6
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THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER 923827	OPERATION TYPE: _____	WELL TYPE: _____	ROUND TRIP MILEAGE
	TRIP: _____	HOISTING TYPE: _____	

WIRELINE DEPTH	MAX. WELLHEAD PRESSURE	PSI	BOTTOM HOLE PRESSURE:	PSI
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Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - Packoff	each	1	340	0.000	340	340.00	Plug			
		6760	P - Gauge Ring or Depth Determination	per run	1					Perf			
		6709	P - Plug or Retainer - setting (3rd party)	each	1								
		6709	P - Dump Bailer	per run	1								
		6366	N - Plug or Retainer - setting (3rd party)	each	1								
		6366	P - Dump Bailer	per run	1								

STANDARD PRICING	NO. SHOTS FIRED
Runs for this job-	0
ESTIMATED TOTAL C	0

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE X Eduardo Chavez	LOGS RECEIVED AT WELL	CUST. INITIALS	SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER <i>Robert Gardner</i>
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CASING/TUBING RECORD				PERM. DEPTH DATUM		GROUND LEVEL		ELEV.	ELEV K.B.
SIZE	WEIGHT	TYPE	FROM	TO	LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F.	G.L.
		Casing 1							
		Casing 2							
		Tubing							
		Liner							
		Drill Pipe							

Casedhole Engineer Names Gardner, Robert Russell	Crew 1	Crew 2	Crew 3	Crew 4	Crew 5	Crew 6	WORK WITNESSED BY NAME Eduardo Chavez	AFE#:	Engineer:	MSA#:
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Was catering provided by Casedhole Solutions?
NO