



# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645  
Telephone (970) 284-6006



RIG/UNIT #: 354  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4043628-SO3

DATE: 12-Jul-18, 06:00

Page: 1 of 1

<b>COMPANY</b>		
<b>PDC ENERGY, INC</b>	LOCATION: Kohlhoff 14-22 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		A/E:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	3.00	406.50	1,219.50
Rig Up	1.00	290.00	290.00
Crew Travel	1.00	193.60	193.60
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
<b>CHARGES &amp; EXPENDABLES SUB-TOTAL</b>			<b>1,781.90</b>
<b>FIELD ESTIMATE (TAX NOT INCLUDED)</b>			<b>\$ 1,781.90</b>
<b>CUSTOMER STAMP</b>			

ROD & TUBING DETAILS			
<b>ROD DETAILS</b>			
PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:
NOTES:			
<b>TUBING DETAILS</b>			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT:		NIPPLE AT:	
NOTES:			
<b>PUMP DETAILS</b>			
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
12-Jul-18, 06:00	12-Jul-18, 11:00	5.00	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 30sxs type3 cement from 1823'-1378' displaced 5.3bbl R/D cementers L/D 31jnts leaving 25jnts in @ 814' R/U cementers catch circ 1bbl mix/pump 85sxs type3 cement from 814' to surf R/D cementers L/D 25jnts to trailer R/D work floor tbg equip N/D BOP 3K flange 3K wellhead top off cement inside 4 1/2" to surf w/ 5sxs wash up lines/equip R/D rig R/D pump/tank crew cleaned loc prep rig/equip for rig move
TOTAL TIME: 5.00 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	12-Jul-18, 06:00	5.00	0.00	No	0.00		0.00	Yes	
Operator	Ever Valverde	12-Jul-18, 06:00	5.00	0.00	No	0.00		0.00	Yes	
Floorhand	Jeffrey Garcia	12-Jul-18, 06:00	5.00	0.00	No	0.00		0.00	Yes	
Relief Operator	Jorge Acosta	12-Jul-18, 06:00	5.00	0.00	No	0.00		0.00	Yes	
Derrickhand	Geovany Cadena Beltran	12-Jul-18, 06:00	5.00	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: 4043628-SO2

DATE: 11-Jul-18, 06:00

Page: 1 of 1

<b>COMPANY</b>	
PDC ENERGY, INC ATTENTION: ACCOUNTS PAYABLE BRIDGEPORT, West Virginia, USA 26330	LOCATION: Kohloff 14-22 (CO, Station: Lasalle)  PO: AFE:

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	10.00	406.50	4,065.00
Crew Travel	2.00	193.60	387.20
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
<b>CHARGES &amp; EXPENDABLES SUB-TOTAL</b>			<b>4,540.20</b>
<b>FIELD ESTIMATE (TAX NOT INCLUDED)</b>			<b>\$ 4,540.20</b>

<b>CUSTOMER STAMP</b>
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ROD & TUBING DETAILS			
<b>ROD DETAILS</b>			
<input type="checkbox"/> PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:
<input type="checkbox"/> RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:
NOTES:			
<b>TUBING DETAILS</b>			
<input type="checkbox"/> PULLED	SIZE:	JOINTS:	TALLY:
<input type="checkbox"/> RAN	SIZE:	JOINTS:	TALLY:
LANDED AT:		NIPPLE AT:	
NOTES:			
<b>PUMP DETAILS</b>			
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
11-Jul-18, 06:00	11-Jul-18, 18:00	12.00	Rig - Pick Up/Lay Down Tubular	Crew traveled to loc crew held safety meeting check press 0/0/0 open to work tank function test BOP test good MIRU wireline RIH gyro tools run gyro from 7100' to surf R/D wireline TOTH 56jnts to derrick L/D 163jnts to trailer R/U wireline RIH gauge ring to 7100' RIH CIBP #1 set @ 7092' dump 2sxs RIH CIBP #2 set @ 6780' dump 2sxs R/D wireline TITH w/ 56jnts 2 3/8 tbg from derrick to 1823' R/U Kelly circ well 30min clean press test plug/csg to 1000psi test good bleed off press R/D Kelly shut in well crew cleaned loc crew traveled home
<b>TOTAL TIME: 12.00 hours</b>				

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	11-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	11-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	11-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	11-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Geovany Cadena Beltran	11-Jul-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



# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645  
Telephone (970) 284-6006



RIG/UNIT #: 354  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4043628-SO1

DATE: 10-Jul-18, 02:00

Page: 1 of 1

COMPANY		
<b>PDC ENERGY, INC</b>	LOCATION: Kohlhoff 14-22 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		A/E:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	3.00	406.50	1,219.50
Rig Up	1.00	290.00	290.00
<b>CHARGES &amp; EXPENDABLES SUB-TOTAL</b>			<b>1,509.50</b>
<b>FIELD ESTIMATE (TAX NOT INCLUDED)</b>			<b>\$ 1,509.50</b>
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: Sunny		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
10-Jul-18, 02:00	10-Jul-18, 06:00	4.00	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting spot in rig/equip R/U rig R/U pump/tank check press 300/300/0 bleed off to work tank circ well w/ 130bbl circ 1hr clean function test BOP test good N/D well tree master valve removed 3K cap N/U 3K flange N/U BOP R/U work floor tbg equip unland tbg from hanger installed TIW shut in well crew cleaned loc crew traveled home
<b>TOTAL TIME: 4.00 hours</b>				

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	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	
Operator	Ever Valverde	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	
Floorhand	Jeffrey Garcia	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	
Relief Operator	Jorge Acosta	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	
Derrickhand	Geovany Cadena Beltran	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	
Floorhand	William Moreira	10-Jul-18, 02:00	4.00	0.00	No	0.00		0.00	Yes	

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	<p>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.</p> <p>OPERATOR'S REP. SIGNATURE:  Eduardo Chavez 970-397-0599</p>



# Job Summary

Ticket Number	Ticket Date
TN# FL4180	7/12/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	7N
WELL NAME	RIG	JOB TYPE
Kohlhoff 14-22	Ensign 354	Balanced Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SWSW Sec 22	Cheal, Sam	Eduardo Chavez

EMPLOYEES		
Yates, Tony		
Phillips, James		

<b>WELL PROFILE</b>			
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)
	N/A				

Casing/Tubing/Drill Pipe			Stage 1		Stage 2	
Type	Size (in)	Weight (lb/ft)	TMD From (ft)	TMD to (ft)	TMD From (ft)	TMD to (ft)
Production	4 1/2	10.5	0	1800	0	800
Tubing	2 3/8	4.7	0	1800	0	800

### CEMENT DATA

<b>Stage 1:</b>	From Depth (ft):	1354	To Depth (ft):	1800	
Type: <b>Balanced Plug</b>	Volume (sacks):	30	Volume (bbls):	7.1	
<b>Cement &amp; Additives:</b>		<b>Density (ppg)</b>		<b>Yield (ft³/sk)</b>	<b>Water Req.</b>
100% Type III		14.8		1.33	6.32

<b>Stage 2:</b>	From Depth (ft):	0	To Depth (ft):	800	
Type: <b>Top Off</b>	Volume (sacks):	90	Volume (bbls):	21.3	
<b>Cement &amp; Additives:</b>		<b>Density (ppg)</b>		<b>Yield (ft³/sk)</b>	<b>Water Req.</b>
100% Type III		14.8		1.33	6.32

### SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	5.2
	5 bbls of Fresh Water	Actual Displacement (bbl):	5
	bbls of		
Total Preflush/Spacer Volume (bbl):	10	Plug Bump (Y/N):	N/A
Total Slurry Volume (bbl):	28.4	Lost Returns (Y/N):	No (if Y, when)
Total Fluid Pumped	43.4	Bump Pressure (psi):	N/A
Returns to Surface:	Cement 2 bbls		

Job Notes (fluids pumped / procedures / tools / etc.): **Balanced Plug** - Pumped 5bbls fresh water, Mixed / Pumped 7.1bbls cement @ 14.8ppg, Displaced with fresh water to balance. Estimated cement coverage **1,354 - 1,800ft.** **Top Off** - Pumped 5bbls fresh water, Mixed / Pumped 20bbls cement @ 14.8ppg, Got cement to surface, Waited for rig crew to pull 2 3/8" tubing out, Topped off well with 1.3bbls. Estimated cement coverage **0 - 800ft.** Pumped job as per program / customers request. Detailed discription of events in job log.

**Thank You For Using**  
**O-TEX Cementing**

Customer Representative Signature: \_\_\_\_\_



### CEMENTING JOB LOG

Project Number	FL4180	Job Date	7/12/2018
State	CO	County	Weld
Customer Representative	Eduardo Chavez	Phone	970-397-0599
API Number	7N		

O-Tex Location	Customer		
Brighton, Colorado 303-857-7948	PDC Energy, Inc.		
Lease Name	Well No.	O-Tex Field Supervisor	
Kohlhoff 14-22		Cheal, Sam	
Job Type	Man Hours		
Balanced Plugs	10.5		

**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.	
7/12/2018	6:00					Leave Yard
	7:00					Arrive at location (requested 7:00)
	7:05					Tailgate meeting (talk about spotting trucks) / sign in
	7:10					Spot pump unit & bulk truck
	7:15					Rig in / test cement mix water
	7:30					Safety meeting with C&J crew / rig crew / third party crew
	7:45	1 bbl	1.50		700	Fill line with fresh water
	7:47				2000	Pressure test iron
	7:48	5 bbl	2.00		240	Pump fresh water
	7:52	7.1 bbl	2.00		180	Mix / pump cement @14.8ppg
	7:55	5 bbl	2.00		46	Displace with fresh water to balance
	7:58				-9	Shutdown
	7:59					Wait for rig crew to pull 2 3/8" tubing to 800ft.
	8:17	5 bbl	2.00		120	Pump fresh water
	8:19	20 bbl	2.00		36	Mix / pump cement @14.8ppg
	8:26				140	Got cement to surface
	8:27					Wait for rig crew to pull 2 3/8" tubing out
	8:45	1.3 bbl	0.50		46	Top off well
	8:50					Shutdown / Wash pump unit
	9:20					Rig out
	9:25					AAR / Discuss leaving location
	9:30					Leave location

#### JOB CALCULATIONS

Stage 1 - Estimated cement coverage 1,354 - 1,800ft.  
Stage 2 - Estimated cement coverage 0 - 800ft.

#### TUBING / CASING DATA

#### ANNULAR DATA

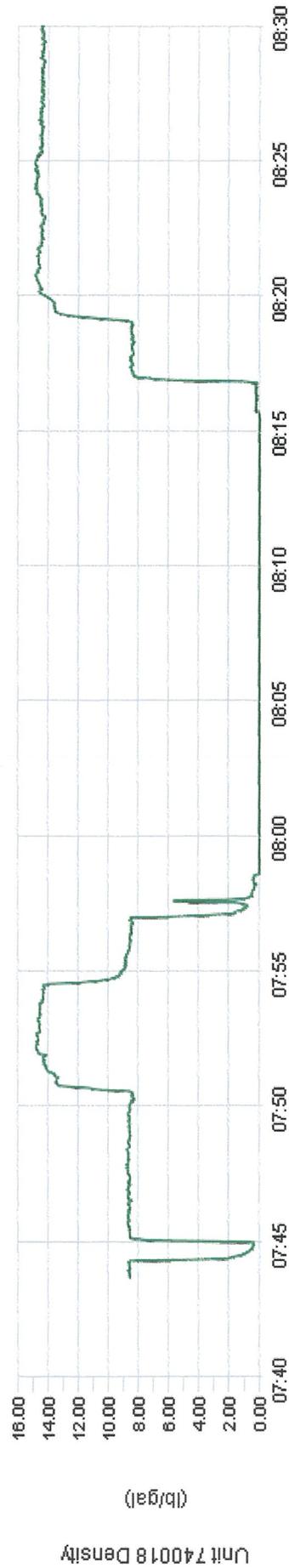
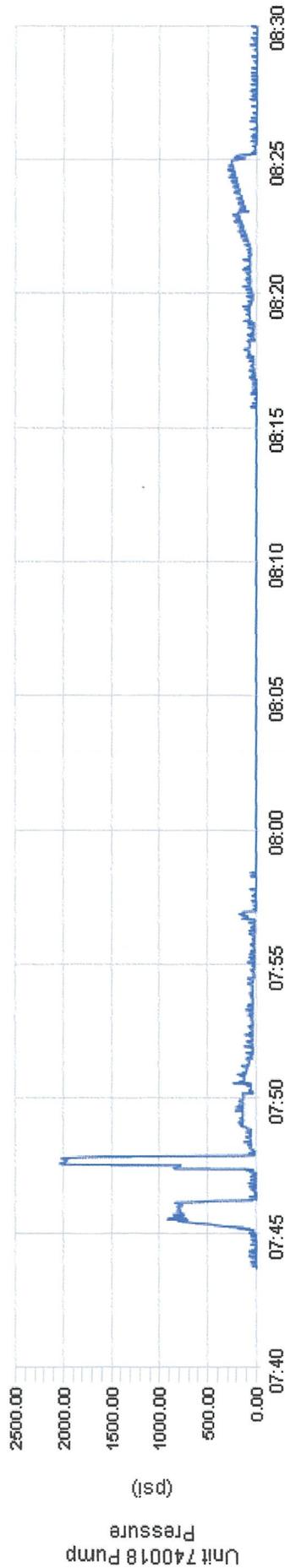
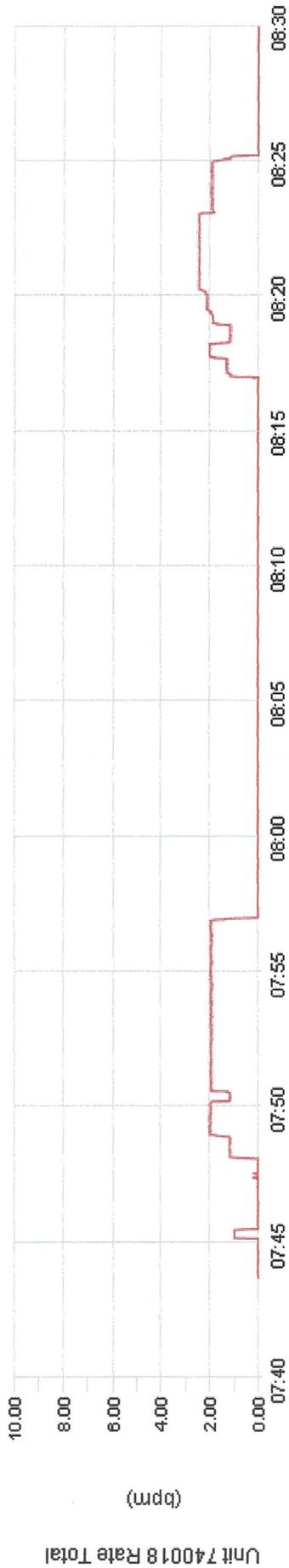
**PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW**



Client: PDC Energy, Inc.  
 Ticket No.: FL4180  
 Location: SWSW Sec 22  
 Comments: See job log for details

Client Rep: Eduardo Chavez  
 Well Name: Kohlhoff 14-22  
 Job Type: Balanced plug + Top off

Supervisor: Sam Cheal  
 Unit No.: 740018  
 Service District: Brighton, CO  
 Job Date: 07/12/2018





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

FIELD RECEIPT

TN # FL4180

Service Date:	7/12/2018	Well Name:	Kohlhoff 14-22	Job Type:	Balanced Plugs
Customer:	PDC Energy, Inc.	County:	Weld	Service Supervisor:	Cheal, Sam
Address:	PO Box 26	State:	CO	Pump #1	740018
City:	Attn: Accounts Payable	AFE #		Pump #2	N/A
St:	Bridgeport				
Customer Rep:	WV 26330				
	Eduardo Chavez				

REF #	Description	unit of measure	unit price	quan
CP001	Type III Cement	94SACK	\$ 37.70	120
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	283
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	120
CP009	CF-41 (Foam Preventer)	GAL	\$ 86.06	2
CP031	Sugar	LBS	\$ 3.39	100

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.

# WALTER CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket #  
22335  
Date

NO 22335  
7/11/2018

<b>Bill To Customer:</b>	P D C	<b>PO#</b>	<b>Lease Name:</b>	Kohlhoff	<b>Well #</b>	14-22
<b>Address:</b>	3801 Carson Ave	<b>Field:</b>	<b>County:</b>	CO	<b>Invoice \</b>	
<b>City:</b>	Evans	<b>Legal Description:</b>	<b>Job Type:</b>		<b>OCSG #:</b>	
<b>State:</b>	CO	<b>Zip:</b>	<b>Casing Sz &amp; Wt:</b>			
<b>Ordered By:</b>	Eduardo Chavez		<b>Service Man</b>			

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

Terms: Net 30 Days

Authorized Agent: Ed J Alvarez Date: \_\_\_\_\_

**CASEDHOLE SOLUTIONS**



<b>Rev.032718 A</b>	CUSTOMER P. O. NUMBER	SERVICE ORDER <b>F1622</b>	PAGE <b>1 of 1</b>
* 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 <b>7/11/2018</b>
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

<b>CUSTOMER FURNISHED LEASE/WELL INFORMATION</b>	COMPANY	<b>PDC ENERGY</b>		
	LEASE	<b>Kohlhoff</b>	WELL NUMBER	<b>14-22</b>
	LEGAL & LOCATION	<b>05-123-23952</b>		
	FIELD	<b>Wattenberg</b>	PARISH/COUNTY	<b>Weld</b>
		STATE	<b>Colorado</b>	

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 **92-3856** OPERATION TYPE: **DAYLIGHT** WELL TYPE: **WORKOVER** ROUND TRIP MILEAGE \_\_\_\_\_

TRIP: **FIRST** HOISTING TYPE: **WORKOVER RIG**

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			P - Packoff	each	1								
2	Gyro - 7140'		P - Convey Gyro (additional service)		1								
3	No Tag - 7100'		P - Gauge Ring or Depth Determination		1								
4		7092'	P - Plug or Retainer - setting (3rd party)		1								
5		7092'	P - Dump Bailer w/ 2sx Cement		1								
6		6780'	P - Plug or Retainer - setting (3rd party)		1								
7		6780'	P - Dump Bailer w/ 2sx Cement		1								

STANDARD PRICING TO \_\_\_\_\_ TO \_\_\_\_\_ TOTAL DIS \_\_\_\_\_

Runs for this job made in July were 1

**ESTIMATED TOTAL C** \_\_\_\_\_ **NO**

NO. DESC.	NO. SHOTS FIRED	NO. SEL SWITCHES	SEL. SW FAILURES
1	0	0	0
RES. EQ. USE	% H2S/ACID	PHASE	SPP
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 Chavez

LOGS RECEIVED AT WELL \_\_\_\_\_

CUST. INITIALS \_\_\_\_\_

SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER: Jacob Meisner Meisner, Jacob

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	<b>REMARKS</b> District doing job: Fort Lupton, CO Line of Business: Completions Type of Job: _____ Class: Vert. Domestic District job is in: Fort Lupton, CO
Casing 2	Water	8.345 lbs/gal	feet	
Tubing	Bottom Hole Temperature			
Liner	Degrees F			
Drill Pipe				

CASEDHOLE ENGINEER NAMES	WORK WITNESSED BY NAME	RC#:	Engineer:	MSA#:
Meisner, Jacob	Chavez			
Crew 1				
Crew 2				
Crew 3				
Crew 4				
Crew 5				
Crew 6				