



# ENSIGN WELL SERVICES

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



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4571438-SO2

DATE: 27-Jul-18, 06:00

Page: 1 of 1

<b>COMPANY</b>		
<b>PDC ENERGY, INC</b>	LOCATION: GUTTERSEN 24-33 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	7.00	406.50	2,845.50
Rig Up	3.50	290.00	1,015.00
Crew Travel	2.00	193.60	387.20
Labor - Floor	10.00	55.00	550.00
Bird Bath Rental	1.00	30.80	30.80
Washington Circulating Head	1.00	120.00	120.00
Tubing Wiper Rubber	1.00	48.00	48.00
CHARGES & EXPENDABLES SUB-TOTAL			4,996.50
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,996.50

<b>CUSTOMER STAMP</b>
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ROD & TUBING DETAILS					
PULLED	SIZE:	PLAIN:	SCRAPERS:		
RAN	SIZE:	PLAIN:	SCRAPERS:		
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)		
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: Partly Cloudy		WIND: Calm		TEMP: 0 °F			
				H2S (%): 0.0			

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
27-Jul-18, 06:00	27-Jul-18, 18:30	12.50	BOP - Nipple Up/Down - BOPE & Wellhead	CREW TRAVEL TO LOC .HELD SAFETY METING .CHECKED PRESS .0/0 .R/U CIRCU EQUIP .ROLL HOLE 1 HR .R/U CEMENTERS .MIX AND PUMP 40 SKS OF 15.8# CL G CEMENT DOWN TBG .R/D CEMENTERS L/D 10' SUB AND 99 JTS .LEAVING 58 JTS IN HOLE @ 1813' .R/U CEMENTERS .MIX AND PUMP 25 SKS OF CEMENT .R/D CEMENTERS .L/D 29 JTS .29 IN HOLE P/U 10' SUB @ 917' .MIX PUMP 75 SKS OF CEMENT DOWN TBG .CEMENT CIRCULATE TO SURF .R/D CEMENTERS .L/D 10' SUB AND 29 JTS .HOOK UP TO CNG .TOP OFF WITH 5 SKS .WASH EQUIP .R/D W/FLOOR TBG EQUIP .N/D BOP .CAPPED 4 1/2 CNG .R/D RACK PUMP/TANK .CLEANED LOC .MOVE TO L F RANCH 1-33 .SPOT IN EQUIP .RIG UP .R/U PUMP/TANK .CLEANED LOC .CREW TRAVELE 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	Omar Munoz	27-Jul-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Operator	George Quinones	27-Jul-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Relief Operator	Sergio Ibadado Gonzalez	27-Jul-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Floorhand	Amadeo Sanchez	27-Jul-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Derrickhand	Raul Casaus	27-Jul-18, 06:00	12.50	0.00	No	0.00		0.00	Yes
Derrickhand	Gonzalo Chavez	27-Jul-18, 06:00	12.50	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:
		BUD HOLMAN 970-301 3897





# ENSIGN WELL SERVICES

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



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4571438-SO1

DATE: 26-Jul-18, 06:00

Page: 1 of 1

COMPANY			
<b>PDC ENERGY, INC</b>		LOCATION: GUTTERSEN 24-33 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE			AFE:
BRIDGEPORT, West Virginia, USA 26330			

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
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			4,571.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,571.00

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
26-Jul-18, 06:00	26-Jul-18, 18:00	12.00	Rig - RU,RD Work Floor Tbg Equip.	CREW TRAVEL TO LOC .HELD SAFETY METING .FUCTION TEST BOP .CHECKED PRESS 100/500/0 .R/U CIRCULATING EQUIP .BLEW OFF PRESS TO WORK TANK .CIRCU WELL CLEAN .N/D PRODUCTION TREE MASTER VALVE AND 3K TOP FLANGE .N/U BOP .R/U W/FLOOR TBG EQUIP .UNLAND 2 3/8 4.7# J-55 TBG .L/D 2 10' AND 1 6' SUBS . STOOD BACK 156 JTS ON DERRICK .L/D 63 JTS S/N N/C . R/U WIRE LINE .RIH WITH GAUGE RING .RIH WITH A CIBP .SET BP @ 6476' . DUMP BAIL 2 SKS OF CEMENT ON TOP OF BP .R/D WIRE LINE .LOADED HOLE PRESS TEST 4 1/2 CNG/BP @ 1000 PSI .HELD GOOD .BLEED OFF PRESS .TIH WITH 157 JTS 10' SUB AND S/N . R/U WASH HEAD . SECURE WELL .CLEANED LOC .CREW TRAVEL 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	Omar Munoz	26-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	George Quinones	26-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Relief Operator	Sergio Ibaudo Gonzalez	26-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Amadeo Sanchez	26-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Gonzalo Chavez	26-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:    BUD HOLMAN 970-301 3897





# CEMENTING JOB LOG

Project Number	Job Date
FL4284	7/27/2018
State	County
CO	Weld
Customer Representative	Phone
Bud Holman	970-301-3897
API Number	
05-123-25358	

O-Tex Location	Customer
Brighton, Colorado 303-857-7948	PDC Energy, Inc.
Lease Name	O-Tex Field Supervisor
Guttersen 24-33	Payne, James
Job Type	Man Hours
Balanced Plugs	15

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.	
7/27/2018	8:00					Arrival
	8:10					Tailgate
	8:15					Spot equipment
	8:20					Rig in
	9:00					Safety
	9:28	1 bbl	2.00		300	Fill lines
	9:29				2300	Pressure test
	9:31	4 bbl	2.00		300	Establish circulation
	8:33	8 bbl	2.00		100	Pumped 40sx@15.8ppg 1.15Y 5WR
	9:39	16.5 bbl	2.20		200	Displace with Fresh water
	9:45					Shut down
	9:50					Wait for rig crew to pull tubing
	10:30					Rigged back onto well
	10:39	5 bbl	1.50		200	Establish circulation
	10:47	6 bbl	2.00		200	Pumped 25sx@14.8ppg 1.33Y 6.32WR
	10:52	5 bbl	2.00		150	Displace with Fresh water
	10:54					Shut down
	10:55					Wait for rig crew to pull tubing
	11:15					Rigged back onto well
	11:18	5 bbl			175	Establish circulation
	11:20	17 bbl			100	Pumped 70sx@14.8ppg 1.33Y 6.32WR
	11:33					Shutdown
	11:40					Rig Nipped down
	12:00	1 bbl	0.50		0	Pumped 5sx@14.8ppg 1.33Y 6.32WR
	12:05					Shut down
	12:10					Washed pump unit
	12:45					Rig out
	13:30					leave location

## Stage 1

2 3/8 Tubing 4.7# @0-4903ft  
4.5 casing 10.5# @0-4903ft  
Est Cement Coverage 4389-4903ft  
40sx,

## Stage 2

2 3/8 Tubing 4.7# @0-1813ft  
4.5 casing 10.5# @0-1813ft  
Est Cement Coverage 1425-1813 ft

## Stage 3

2 3/8 Tubing 4.7# @0-917ft  
4.5 Casing 10.5# @0-917ft  
Cement Coverage 0-917ft

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW



<b>C&amp;J ENERGY SERVICES</b> D-TEX CEMENTING		<b>Job Summary</b>		Ticket Number TN#	FL4284	Ticket Date 7/27/2018
COUNTY	COMPANY			API Number		
Weld	PDC Energy, Inc.			05-123-25358		
WELL NAME	RIG			JOB TYPE		
Guttersen 24-33	Ensign 356			Balanced Plugs		
SURFACE WELL LOCATION		O-TEX Field Supervisor		CUSTOMER REP		
SE/SW Sec. 33 T3N R63W		Payne, James		Bud Holman		
EMPLOYEES						
Yates, Tony						
Melgarejo, Eduardo						
WELL PROFILE						
Max Treating Pressure (psi):				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)
Tubing	2 3/8	4.7		0	4903		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5		0	4903		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

#### CEMENT DATA

<b>Stage 1:</b>	From Depth (ft):	4389	To Depth (ft):	4903								
Type: Plug 1	Volume (sacks):	40	Volume (bbls):	8								
<table border="1"> <tr> <th>Cement &amp; Additives:</th> <th>Density (ppg)</th> <th>Yield (ft³/sk)</th> <th>Water Req.</th> </tr> <tr> <td>100% Class G</td> <td>15.8</td> <td>1.15</td> <td>5.00</td> </tr> </table>					Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.	100% Class G	15.8	1.15	5.00
Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.									
100% Class G	15.8	1.15	5.00									
<b>Stage 2:</b>	From Depth (ft):	1429	To Depth (ft):	1813								
Type: Plug 2	Volume (sacks):	25	Volume (bbls):	5.9								
<table border="1"> <tr> <th>Cement &amp; Additives:</th> <th>Density (ppg)</th> <th>Yield (ft³/sk)</th> <th>Water Req.</th> </tr> <tr> <td>100% Type III</td> <td>14.8</td> <td>1.33</td> <td>6.32</td> </tr> </table>					Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.	100% Type III	14.8	1.33	6.32
Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.									
100% Type III	14.8	1.33	6.32									
<b>Stage 3:</b>	From Depth (ft):	0	To Depth (ft):	917								
Type: Surface Plug	Volume (sacks):	75	Volume (bbls):	17.7								
<table border="1"> <tr> <th>Cement &amp; Additives:</th> <th>Density (ppg)</th> <th>Yield (ft³/sk)</th> <th>Water Req.</th> </tr> <tr> <td>100% Type III</td> <td>14.8</td> <td>1.33</td> <td>6.32</td> </tr> </table>					Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.	100% Type III	14.8	1.33	6.32
Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.									
100% Type III	14.8	1.33	6.32									
<b>Stage 4:</b>	From Depth (ft):	0	To Depth (ft):	62								
Type: Top Off Well	Volume (sacks):	5	Volume (bbls):	1								
<table border="1"> <tr> <th>Cement &amp; Additives:</th> <th>Density (ppg)</th> <th>Yield (ft³/sk)</th> <th>Water Req.</th> </tr> <tr> <td>100% Type III</td> <td>14.8</td> <td>1.33</td> <td>6.32</td> </tr> </table>					Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.	100% Type III	14.8	1.33	6.32
Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.									
100% Type III	14.8	1.33	6.32									

#### SUMMARY

Preflushes:	15 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	16.5	5
	bbls of			16.5	5
Total Preflush/Spacer Volume (bbl):	15	Plug Bump (Y/N):	NO	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	32.6	Lost Returns (Y/N):	N/A (if Y, when)		
Total Fluid Pumped	69.1				
Returns to Surface:					
Job Notes (fluids pumped / procedures / tools / etc.):	See Job Log.				

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

Thank You For Using  
O-TEX Cementing





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

FIELD RECEIPT

TN # FL4284

Service Date:	7/27/2018
Customer:	PDC Energy, Inc.
Address:	PO Box 26
City:	Attn: Accounts Payable
St:	Bridgeport
Customer Rep:	WV / 26330
	Bud Holman

Well Name:	Guttersen 24-33
County:	Weld
State:	CO
API #	05-123-25358
AFE #	
Job Type:	Balanced Plugs
Service Supervisor:	Payne, James
Pump #1	740018
Pump #2	

REF #	Description	unit of measure	unit price	quan	gross	disc	net
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20	40			
CP001	Type III Cement	94SACK	\$ 37.70	100			
CT005	Pump Charge 4001-5000'	4-HRS	\$ 4,312.44	1			
JM001	Data Acquisition System	JOB	\$ 1,437.48	1			
AE014	Environmental Fee*	JOB	\$ 228.69	1			
ML001	Pickup Mileage	UNTMIL	\$ 4.26	35			
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	\$ 7.32	35			
ML003	Bulk Cement Delivery/Return	MI	\$ 2.95	232			
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	140			
CP009	CF-41 (Foam Preventer)	GAL	\$ 86.06	3			
CC015	Pump Charge Additional Hours	UNTHRS	\$ 588.06	1			
AE012	Bulk Unit Additional Hours	UNTHRS	\$ 130.68	1			

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

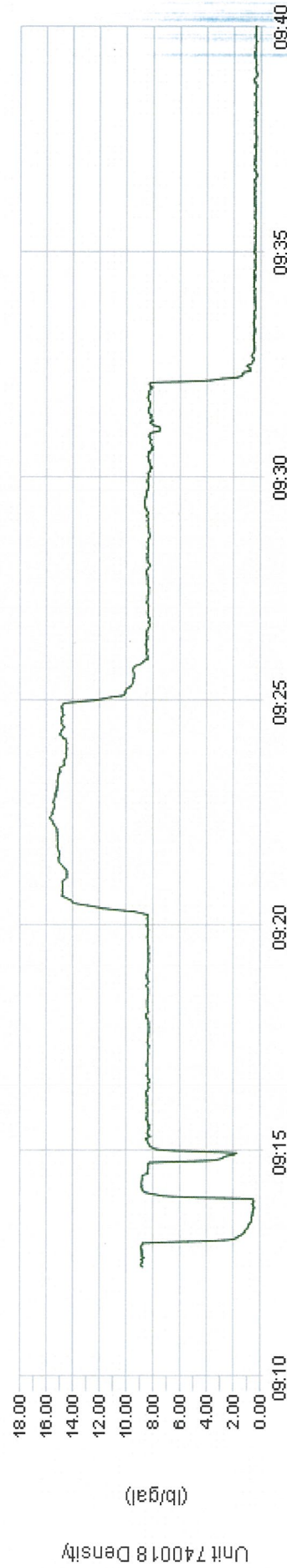
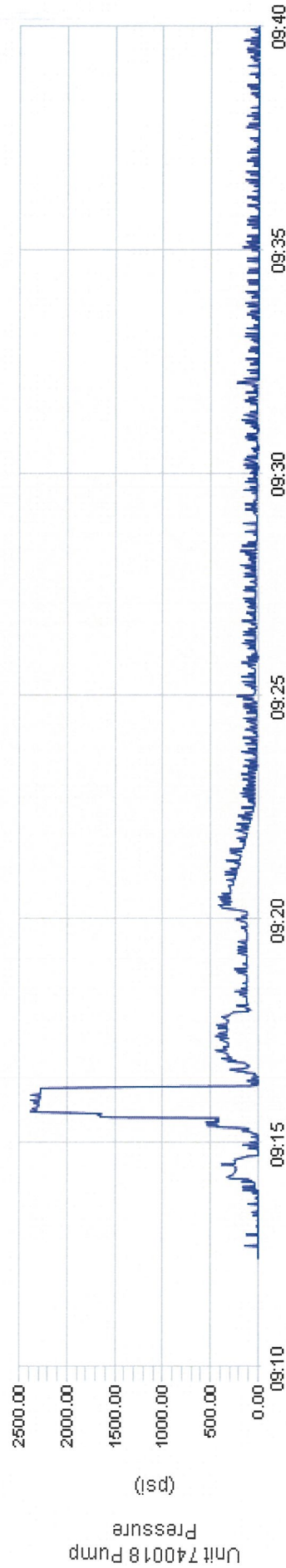
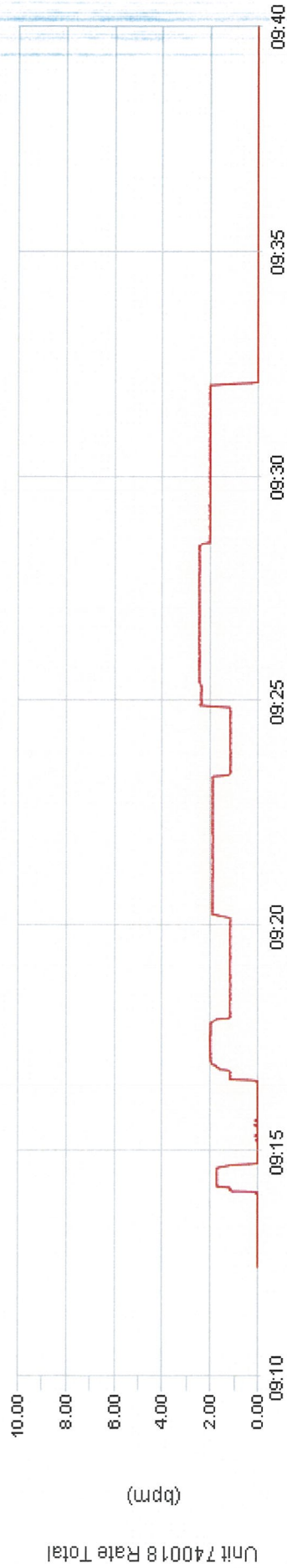
Customer Authorized Agent: \_\_\_\_\_

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.





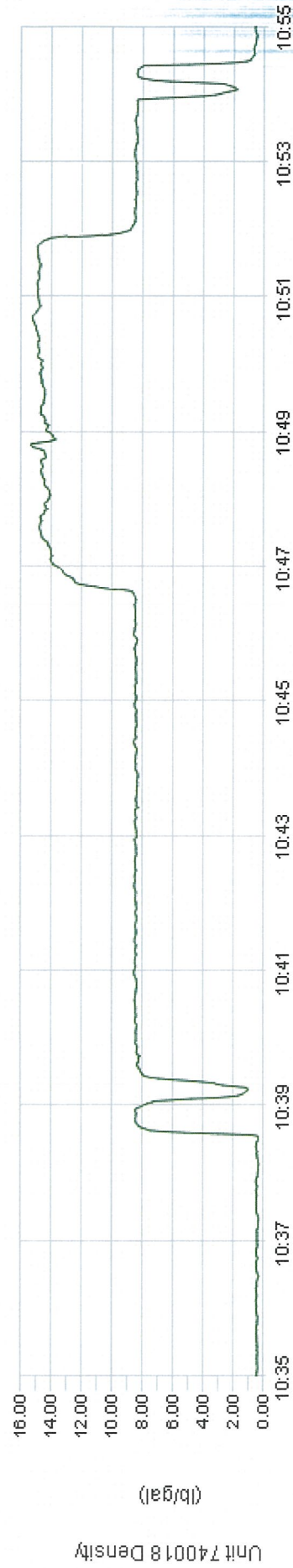
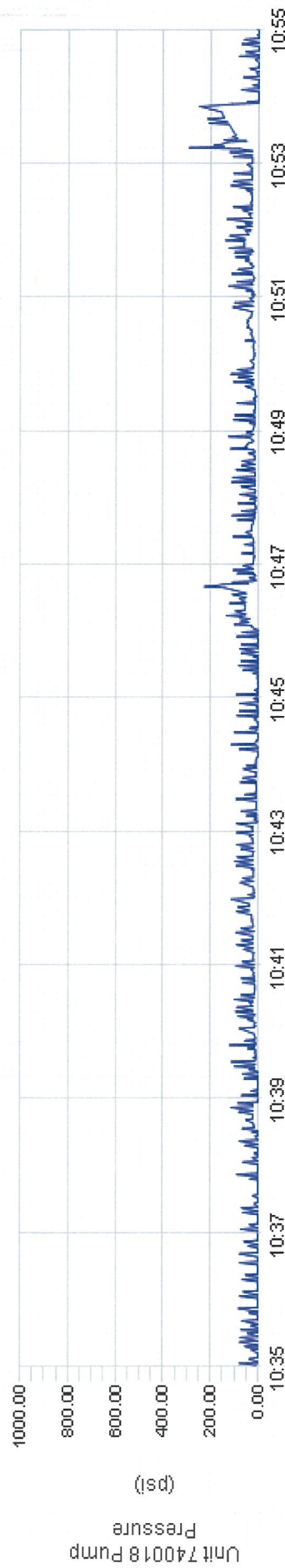
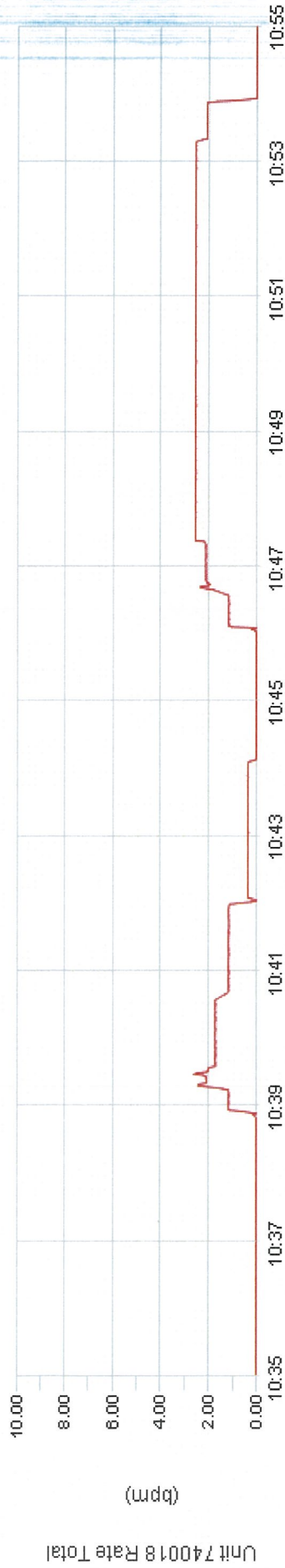
Client	PDC	Client Rep	BUD HOLMAN	Supervisor	JIMMY PAYNE
Ticket No.	4284	Well Name	GUTTERSEN 24-33	Unit No.	740018
Location	SE/SW SEC 33	Job Type	Abandonment Plugs	Service District	BRIGHTON
Comments	Stage 1			Job Date	07/27/2018







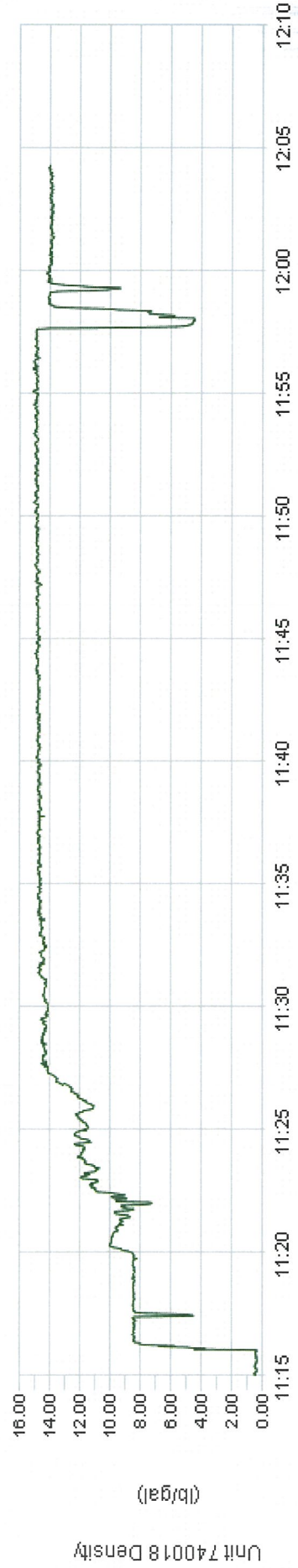
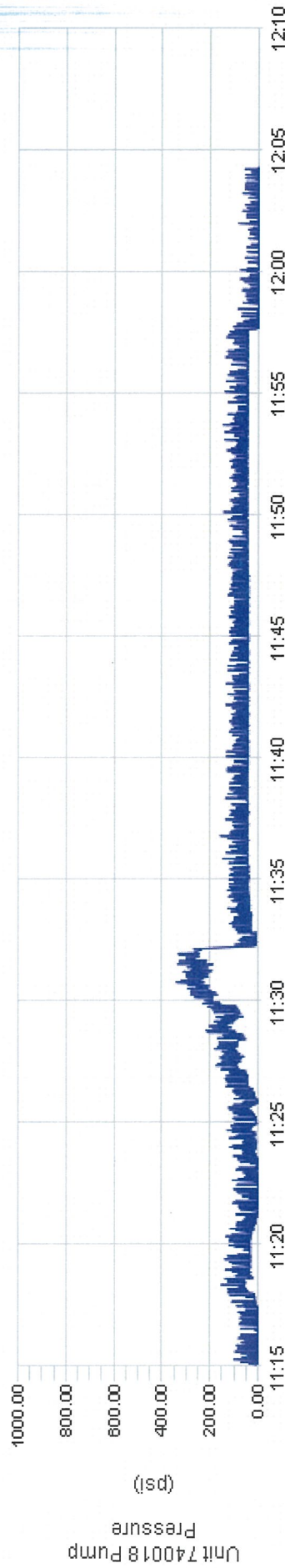
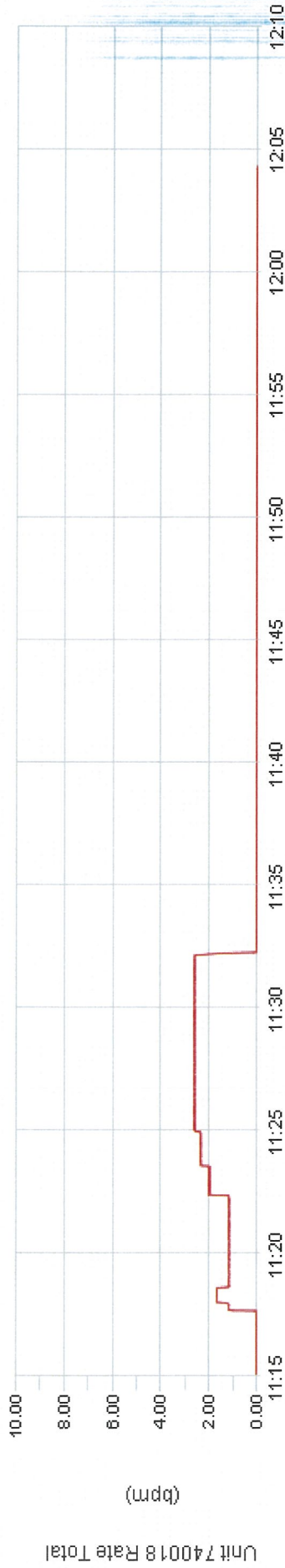
Client	PDC	Client Rep	BUD HOLMAN	Supervisor	JIMMY PAYNE
Ticket No.	4284	Well Name	GUTTERSEN 24-33	Unit No.	740018
Location	SE/SW SEC 33	Job Type	Abandonment Plugs	Service District	BRIGHTON
Comments	Stage 2			Job Date	07/27/2018







Client	PDC	Client Rep	BUD HOLMAN	Supervisor	JIMMY PAYNE
Ticket No.	4284	Well Name	GUTTERSEN 24-33	Unit No.	740018
Location	SE/SW SEC 33	Job Type	Abandonment Plugs	Service District	BRIGHTON
Comments	Stage 3&4			Job Date	07/27/2018







<b>Phone:</b> 970-284-6685	<b>Fax:</b> 970-284-6682	<b>An Ensign Drilling USA Subsidiary</b>	<b>Date:</b>
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39663

39663  
Date

Date \_\_\_\_\_

Authorized Agent: 5814-1218

BSH-7.27-18

RMOR Em



C&J ENERGY SERVICES

Rev.032718 A

CUSTOMER P. O. NUMBER

CASED HOLE SOLUTIONS

Service Order

F-4437

1 of 1

To CASED HOLE SOLUTIONS, INC

\* 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

07/26/2018

Service(s) and/or equipment requested

CUSTOMER

COMPANY

PDC ENERGY

FURNISHED

LEASE

GUTTERSEN

LEASE/WELL

LEGAL & LOCATION

0

WELL NUMBER

24-33

INFORMATION

FIELD

Wattenberg

PARISH/COUNTY

0

STATE

COLORADO

THE UNDERSIGNED, HERINAFTER 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 CASED HOLE 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 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

Thank you for using Casedhole Solutions!!

Total runs, all pages

3

UNIT NUMBER

923827

OPERATION TYPE:

WELL TYPE:

ROUND TRIP MILEAGE

TRIP:

HOISTING TYPE:

PSI

PSI

PSI

WIRELINE DEPTH

MAX. WELLHEAD PRESSURE

BOTTOM HOLE PRESSURE:

Desc. NO.

1

PERF. INTERVAL

PLUG DEPTH

6510

ITEM

QUAN.

1

UNIT PRICE

DISC. PRICE

AMOUNT

Service

Plug

Perf

Desc. NO.

1

NO. SHOTS FIRED

NO. SEL. SWITCHES

FAILURE

RES. EQ. USE

% H2O/ACID

PHASE

SPT

10K

0

0

0

NO. GUNS

SHOTS FIRED

TYPE CHRG.

SIZE

Runs for this job-

STANDARD PRICING

TO

TO

TOTAL DISC

ESTIMATED TOTAL C

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

LOGS RECEIVED AT WELL

BUD HOLMAN

Robert Gardner

NO

Was catering provided by Casedhole Solutions?

CASED HOLE ENGINEER NAMES

Gardner, Robert Russell

Crew 1

Crew 2

Crew 3

Crew 4

Crew 5

Crew 6

WORK WITNESSED BY NAME

BUD HOLMAN

Bottom Hole Temperature

Degrees

F

LOG MEAS. FROM

Fluid Type

Fluid Weight

lbs/gal

Fluid Level

feet

District doing job:

Fort Lupton, CO

Line of Business:

Completions

Type of Job:

Vertical Perf. and Logging

Class:

Vert. Domestic

District job is in:

Fort Lupton, CO

AFE#:

Engineer:

MSA#:

CASING/TUBING RECORD

SIZE

WEIGHT

TYPE

FROM

TO

PERM. DEPTH DATUM

GROUND LEVEL

ELEV.

ELEV. K.B.

WHICH IS

ABOVE PERM DATUM

D.F.

GL

Casing 1

Casing 2

Tubing

Liner

Drill Pipe

REMARKS

REMARKS