



# 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: 4079054-SO1

DATE: 28-Jun-17, 06:00

Page: 1 of 1

COMPANY			
PDC ENERGY, INC		LOCATION: J&L FARMS 24-29 (CO, Station: Lasalle)	PO: AFE:
ATTENTION: ACCOUNTS PAYABLE 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	220.00	660.00
Labor - Floor	12.00	55.00	660.00
Bird Bath Rental	1.00	35.00	35.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			5,101.50
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 5,101.50

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: Partly Cloudy		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
28-Jun-17, 06:00	28-Jun-17, 18:00	12.00	Rig - Pick Up/Lay Down Tubular	CREW TRAVEL TO LOC SAFETY METING. TEST BOP. CHECK PRESS. 200/200 0 SURF/CNG. BLEED OFF PRESS. CIRCU WELL CLEAN. N/D WELL TREE MASTER VALVE. AND 3K WELL HEAD TOP FLANGE. N/U BOP. R/U W/FLOOR TBG EQUIP. CHANGE TBG EQUIP TO 1 1/2. STAND BACK 14 STANDS. L/D 173 JTS S/N N/C. R/U WIRE LINE. RIH W/GAUGE RING. TOOH. TIH W/1ST CIBP. SET BP AT 6713'. TOOH. RIH W/BAILER. SPOTTED 2 SXS OF CEMENT ON TOP OF BP. L/D BAILER. TIH W/2ND CIBP. SET BP AT 6417'. TIH W/BAILER TOP OFF W/2 SXS OF CEMENT. L/D BAILER. R/D WIRE LINE. PRESS TEST CNG. AT 1000 PSI. TEST OK. BLEED OFF PRESS. TIH W/29 JTS S/N 1 1/2 TBG. SHUT WELL. CLEAN 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
Relief Operator	Oscar Ruiz	28-Jun-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	28-Jun-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	28-Jun-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Esgar Galvan-Rodriguez	28-Jun-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Jose Luna Morales	28-Jun-17, 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:  ELOY COSSIO 970-744-9564



# 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: 4079054-SO2

DATE: 29-Jun-17, 06:00

Page: 1 of 1

COMPANY			
<b>PDC ENERGY, INC</b>		LOCATION: J&L FARMS 24-29 (CO, Station: Lasalle)	PO: AFE:
ATTENTION: ACCOUNTS PAYABLE BRIDGEPORT, West Virginia, USA 26330			

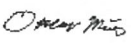

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	7.50	406.50	3,048.75
Rig Up	2.00	290.00	580.00
Crew Travel	2.00	220.00	440.00
Labor - Floor	11.50	55.00	632.50
Bird Bath Rental	1.00	35.00	35.00
Washington Circulating Head	1.00	120.00	120.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,944.25
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,944.25

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
29-Jun-17, 06:00	29-Jun-17, 18:30	12.50	BOP - Nipple Up/Down - BOPE & Wellhead	CREW TRAVEL TO EVANS REC CENTER FOR SAFETY METING. AFTER MET, CREW TRAVEL TO LOC. SAFETY METING. CIRCU WELL FOR 1/2 HR. R/U CEMENTERS MIX AND PUMP 3SXS OF CEMENT. R/D CEMENTERS. TOOH W/29 JTS 1 1/2 TBG. R/U WIRE LINE. R/H W/CNG CUTTER CUT 3 1/2 CNG AT 900'. R/D WIRE LINE. R/D W/FLOOR TBG EQUIP. N/D BOP AND 3K WELL HEAD. UNLAND CNG. N/U 3K SPOOL ON SURF CNG. N/U BOP. R/U W/FLOOR TBG EQUIP. CHANGE TBG EQUIP TO 3 1/2. L/D 30 JTS OF CNG. CHANGE TBG EQUIP TO 1 1/2. T/H W/29 JTS. CIRCU SURF CNG FOR 1 HR. R/U CEMENTERS. MIX AND PUMP DOWN TBG 360 SXS OF CEMENT. R/D CEMENTERS. L/D 29 JTS 1 1/2 TBG. R/D W/FLOOR TBG EQUIP. N/D BOP AND 3K SPOOL. TOP OFF SURF CNG W/CEMENT. PUT CAP ON SURF CNG. WASH EQUIP. R/D. RACKED PUMP AND TANK. CLEAN LOC. ROAD RIG TO NEXT LOC. SAFETY METING. SPOT EQUIP. RIG UP. R/U PUMP AND TANK. CLEAN LOC. CREW TRAVEL HOME. 1 HR ENSIGN TIME FOR SAFETY METING
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
Relief Operator	Oscar Ruiz	29-Jun-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	29-Jun-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	29-Jun-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Floorhand	Esgar Galvan-Rodriguez	29-Jun-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Derrickhand	Jose Luna Morales	29-Jun-17, 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:   ELOY COSSIO 970-744-9564





## SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL1971**

Lease & Well Number: **J&L Farms 24-29**

Date: **6/29/2017**

### As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-Tex pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-Tex pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-Tex makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, except where due to O-Tex gross negligence or willful misconduct in the preparation or furnishing it.

O-Tex personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-Tex gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated. Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

**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#

FL1971

6/29/2017

COUNTY

COMPANY

API Number

Weld

PDC Energy, Inc.

05-123-19435

WELL NAME

RIG

JOB TYPE

J&amp;L Farms 24-29

Ensign 354

P&amp;A

SURFACE WELL LOCATION

O-TEX Field Supervisor

CUSTOMER REP

SESW 29 6N 63W

Scott, Derek

Eloy Cossio

EMPLOYEES

Vieaux, Jon

Field, Tony  
Roark, Kenneth

## 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)
	10	318	900		
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		0	318		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		900	900		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	900		

## CEMENT DATA

### Stage 1:

Type: Plug

From Depth (ft):

900

To Depth (ft):

950

Volume (sacks):

10

Volume (bbls):

0.5

Cement &amp; Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

### Stage 2:

Type: Plug

From Depth (ft):

0

To Depth (ft):

900

Volume (sacks):

351

Volume (bbls):

72

Cement &amp; Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

## SUMMARY

Preflushes:	10 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	2.1	0.5
	bbls of			2.1	0.5
Total Preflush/Spacer Volume (bbl):	10		Plug Bump (Y/N):	N/A	Bump Pressure (psi): N/A
Total Slurry Volume (bbl):	72.5		Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	85.1				
Returns to Surface:	Cement	1 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

Plug 1) Tubing @ 950'. Pump 50' plug to 900'. Then casing was cut @ 900'. Plug 2) Casing @ 900'. Tubing @ 900. Pump to surface. Nipple down and top out.

Thank You For Using

O - TEX Pumping

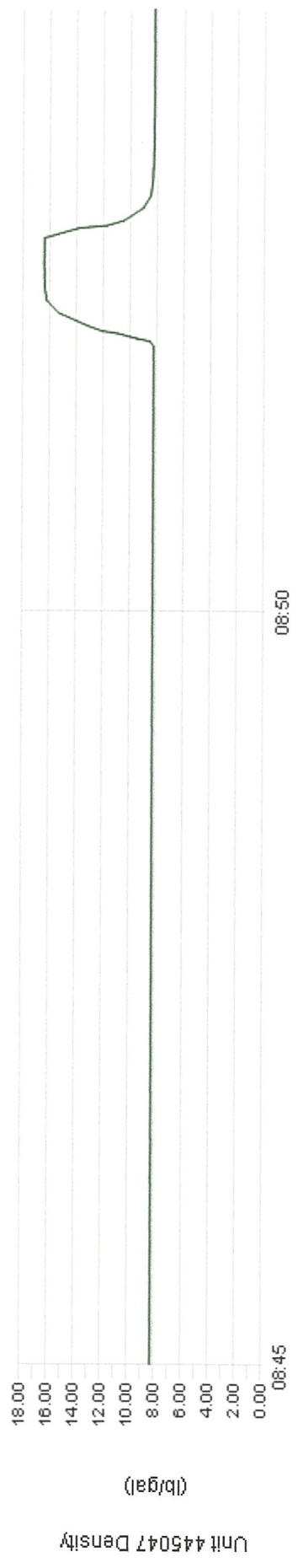
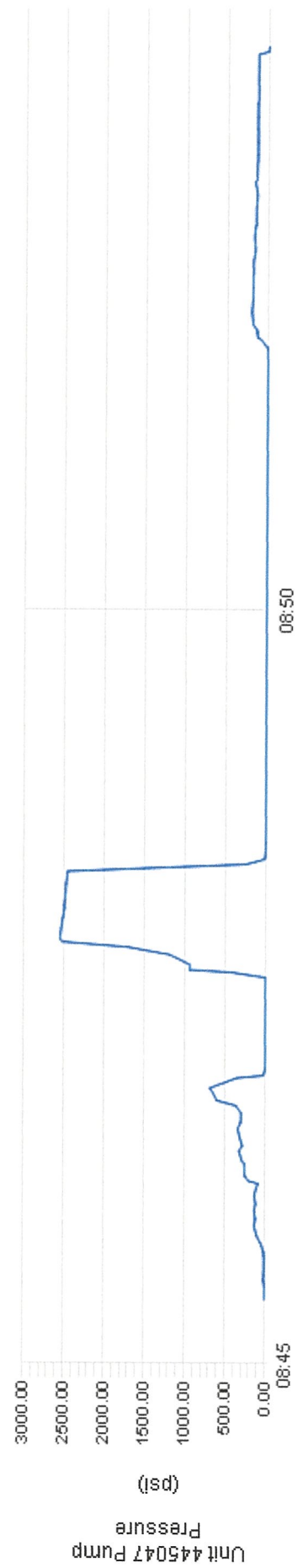
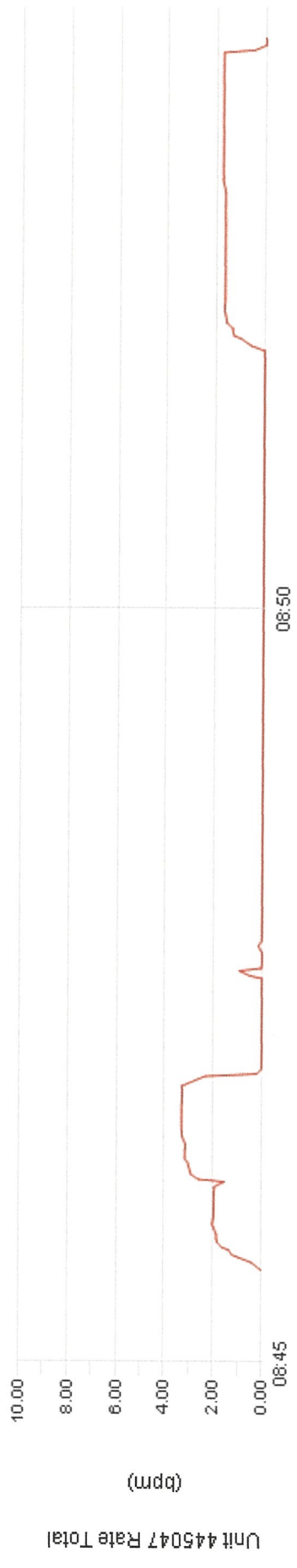
Customer Representative Signature:



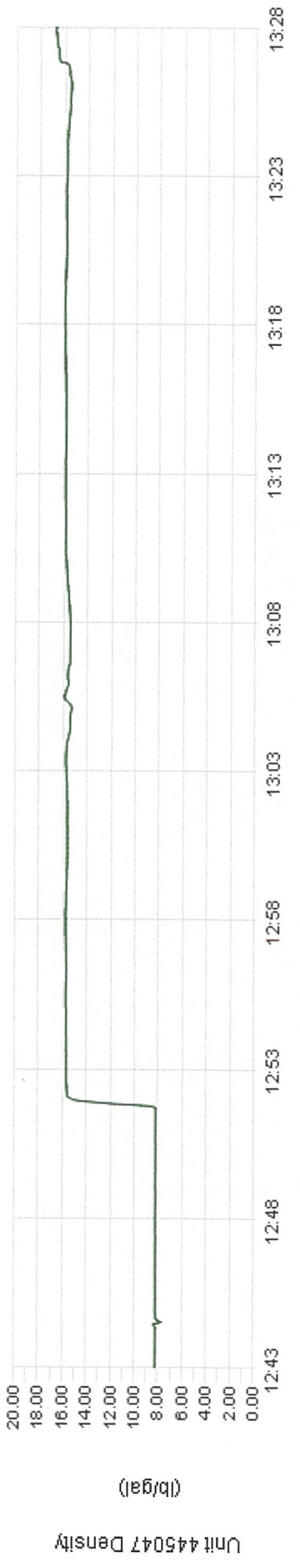
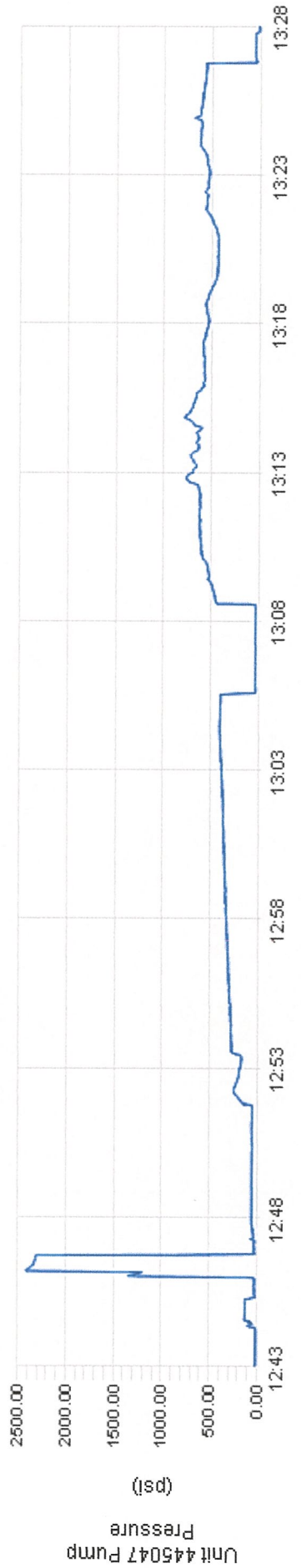
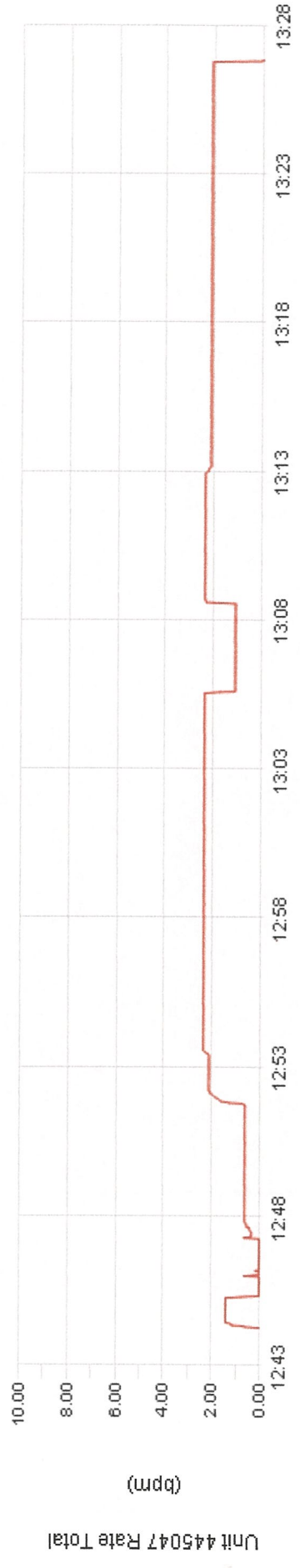
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Client	PDC	Client Rep	Eloy Cossio	Supervisor	Derek Scott
Ticket No.	1971	Well Name	J&L Farms 24-29	Unit No.	445047
Location	SESW 296N 63W	Job Type	Abandonment Plugs	Service District	Brighton, CO
Comments				Job Date	06/29/2017



Client	PDC	Client Rep	Eloy Cossio	Supervisor	Derek Scott
Ticket No.	1971	Well Name	J&L Farms 24-29	Unit No.	445047
Location	SESW 29 6N 63W	Job Type	Abandonment Plugs	Service District	Brighton, CO
Comments		Job Date	06/29/2017		







## EQUIPMENT SHEET

Date: 6/29/2017

Job Site Leader: Scott, Derek

Max Pressure: 1,000 PSI

Company - Lease - Well #: PDC Energy, Inc.  
J&L Farms 24-29

Ticket #: FL1971

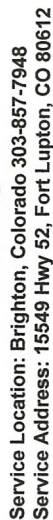
Employee Name *** Please Print ***	Employee Number	Unit Number	Trailer Number	Location	Company Name
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1	Scott, Derek		200925 1 Ton		Wells Ranch	PDC
2						
3	Vieaux, Jon		749100 Tractor	445047 SCM		
4						
5	Field, Tony		880013 Tractor	446145 Bulk		
6	Kopp, Jeff					
7						
8						
9						
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11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Job Safety Leader: \_\_\_\_\_

*Report all Minor Injuries, Accidents, Vehicle Accidents or Environmental Spills Immediately.*





TN # FL1971

Job Type:	P&A
Service Supervisor:	Scott, Derek
Pump #1	445047
Pump #2	

[illegible]

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

**Customer Authorized Agent:**