



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: 4030702-SO1

DATE: 27-Apr-17, 11:00

Page: 1 of 1

| COMPANY | | | |
|--------------------------------------|--|--|------|
| PDC ENERGY, INC | | LOCATION: WELLS RANCH 13-33 (CO, Station: Lasalle) | PO: |
| ATTENTION: ACCOUNTS PAYABLE | | | AFE: |
| BRIDGEPORT, West Virginia, USA 26330 | | | |

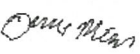

| CHARGES & EXPENDABLES | | | |
|-----------------------------------|-------|------------|-------------|
| NAME | QTY | UNIT PRICE | EXT. PRICE |
| Rig Hours | 7.00 | 406.50 | 2,845.50 |
| Rig Up | 2.00 | 290.00 | 580.00 |
| Crew Travel | 2.00 | 220.00 | 440.00 |
| Labor - Floor | 11.00 | 55.00 | 605.00 |
| 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 | | | 4,593.50 |
| FIELD ESTIMATE (TAX NOT INCLUDED) | | | \$ 4,593.50 |

| ROD & TUBING DETAILS | | | |
|----------------------|-------|------------|-----------|
| ROD 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) | 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: Light | | TEMP: 0 °F | | H2S (%): 0.0 |

| DETAILS OF OPERATIONS | | | | |
|-------------------------|------------------|----------------|--------------------------------|--|
| FROM | TO | DURATION (hrs) | ACTIVITY | DETAILS |
| 27-Apr-17, 11:00 | 27-Apr-17, 22:00 | 11.00 | Rig - Pick Up/Lay Down Tubular | ROAD RIG TO LOC. SAFETY METING. REMOVED FENCE. SPOTTED EQUIP. RIG UP. R/U PUMP TANK. TEST BOP. CHECKED PRESS. 450/450 0 SURF CNG. BLEED OFF PRESS. CIRCU WELL CLEAN. N/D WELL TREE MASTER VALVE AND 3K TOP FLANGE. N/U BOP. R/U W/FLOOR TBG EQUIP. TOOH L/D W/209 JTS S/N N/C 2 10' AND 1 4' SUBS. R/U WIRE LINE. TIH W/GAUGE RING. TOOH. TIH WITH A CIBP. SET BP AT 6485 FT. TOOH. P/U BAILER. TIH SPOTTED 2 SXS OF CEMENT ON TOP OF BP. TOOH. R/D WIRE LINE. SHUT WELL. DRAIN PUMP LINES. CLEAN LOC. CREW TRAVEL HOME. |
| TOTAL TIME: 11.00 hours | | | | |

| CREW DETAILS | | | | | | | | | |
|---------------------|--------------------------|------------------|----------------|-------------------|------------|------------------|------|--------------------|-------------|
| ROLE | NAME | START TIME | DURATION (hrs) | TRAVEL TIME (hrs) | PERS. VEH. | TRAVEL DIST (mi) | SUB. | DIST FROM RES (mi) | INJURY FREE |
| Floorhand | Chris Buckridge | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Floorhand | German Melendez | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Operator | Matthew McGraw | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Service Rig Manager | Omar Munoz | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Oscar Arce | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Relief Operator | Otoniel Rodriguez Olivas | 27-Apr-17, 11:00 | 11.00 | 0.00 | No | 0.00 | | 0.00 | Yes |

| SIGNATURES | |
|--|--|
| RIG MANAGER/SUPERVISOR'S SIGNATURE:  | 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: 4030702-SO2

DATE: 28-Apr-17, 06:00

Page: 1 of 1

| COMPANY | | | |
|--------------------------------------|--|--|------|
| PDC ENERGY, INC | | LOCATION: WELLS RANCH 13-33 (CO, Station: Lasalle) | PO: |
| ATTENTION: ACCOUNTS PAYABLE | | | AFE: |
| BRIDGEPORT, West Virginia, USA 26330 | | | |

| 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 | 2.00 | 220.00 | 440.00 |
| Labor - Floor | 10.00 | 55.00 | 550.00 |
| 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 | | | 4,252.00 |
| FIELD ESTIMATE (TAX NOT INCLUDED) | | | \$ 4,252.00 |

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

| DETAILS OF OPERATIONS | | | | |
|-------------------------|------------------|----------------|-------------------------------|---|
| FROM | TO | DURATION (hrs) | ACTIVITY | DETAILS |
| 28-Apr-17, 06:00 | 28-Apr-17, 16:00 | 10.00 | Logistics - Rig Move Road Rig | CREW TRAVEL TO LOC .SAFETY METYNG . CHECKED PRESS 0/CNG .PRESS TEST BP AT 1000 PSI .TEST OK .BLEED OFF PRESS .TIH W/25 JTS S/N MULE SHOE .R/U WASHI CIRCU HEAD .CIRCU WELL FOR 1 HR .R/U CEMENTERS MIX AND PUMP DOWN TBG 65 SXS OF CEMENT .R/D CEMENTERS .L/D 25 JTS S/N MULE SHOE .R/D WASHI CIRCU HEAD .R/D W/FLOOR TBG EQUIP .N/D BOP AND WELL HEAD .N/U 4 1/2 COLLAR X OVER AND VALVE ON CNG .RIG DOWN .RACKED PUMP AND TANK .PUT FENCE BACK .CLEAN LOC .ROAD RIG TO NEXT LOC .SAFETY METING .REMOVED FENCE .SPOTTED EQUIP .RIG UP .R/U PUMP TANK .CLEAN LOC .CREW TRAVEL HOME. |
| TOTAL TIME: 10.00 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 | 28-Apr-17, 06:00 | 10.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Oscar Arce | 28-Apr-17, 06:00 | 10.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Operator | Matthew McGraw | 28-Apr-17, 06:00 | 10.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Relief Operator | Otoniel Rodriguez Olivas | 28-Apr-17, 06:00 | 10.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Floorhand | Chris Buckridge | 28-Apr-17, 06:00 | 10.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Floorhand | German Melendez | 28-Apr-17, 06:00 | 10.00 | 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 |

RANGER ENERGY SERVICES, LLC

WIRELINER DIVISION

3333 Center Dr
Milliken, Colorado




Service Date:

| | | | | |
|--|-----------------------------|-------------------------|---------------------------|--|
| Company Name: PDC | | Company Address: | | Field Ticket Number: 30001679 |
| Well Name: WELLS RANCH 13-33 | Field: WATTENBERG | County: WELD | State: COLORADO | Rig Name & Number: Ensign 356 |
| SERVICE NOTES: JCGR to 6500' / WCT CIBP set 6485' with 2 sx cement | | | | Wireline Unit # 222 Engineer: J. JOHNSON Operator: S. CARPENTER Operator: |
| | | | | Date: 4/27/2017 |

| RUN | CODE | DESCRIPTIONS | QTY | UNIT PRICE | DISCOUNT | AMOUNT |
|-----|----------|--|------|-------------|----------|-------------|
| 1 | 1000-001 | Set Up Charge Cased Hole Unit | 1 | \$ 1,500.00 | | \$ 1,500.00 |
| | 3000-001 | Packoff Operation Charge 0#-1000# | 1 | \$ 900.00 | | \$ 900.00 |
| | 2000-003 | API Type 6BX, 5,000 lb. WP 13-3/8" and smaller | 1 | \$ 205.00 | | \$ 205.00 |
| 2 | 8000-009 | Junk Catcher / Gauge Ring Depth Charge | 6500 | \$ 0.30 | | \$ 1,950.00 |
| | 8000-010 | Junk Catcher / Gauge Ring Operation Charge | 1 | \$ 500.00 | | \$ 500.00 |
| 3 | 8000-001 | Bridge Plug Depth Charge | 6485 | \$ 0.30 | | \$ 1,945.50 |
| | 8000-002 | Bridge Plug Operation Charge | 1 | \$ 500.00 | | \$ 500.00 |
| | 8000-015 | Setting Tool Rental, per tool | 1 | \$ 1,200.00 | | \$ 1,200.00 |
| | 7000-006 | Dump Bailer Depth Charge | 6485 | \$ 0.30 | | \$ 1,945.50 |
| | 7000-007 | Dump Bailer Operation Charge | 1 | \$ 500.00 | | \$ 500.00 |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| | | | | | | |
| 8 | 8000-014 | Standard Set Power Charge | 1 | \$ 250.00 | | \$ 250.00 |

| | | |
|---------------|-----------|-----------------|
| SUB TOTAL | \$ | 11,396.00 |
| Bulk Discount | \$ | 8,319.08 |
| TAX | \$ | - |
| TOTAL | \$ | 3,076.92 |

| | | |
|--|------------------------|--|
| AFE #: PA000568 | | |
| Customer Signature:  4-27-17 | Customer Name Printed: | Ranger Energy Services Representative Signature: |

The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.



Job Summary

Ticket Number

TN#

FL1707

Ticket Date

4/28/2017

COUNTY

COMPANY

API Number

Weld

PDC Energy, Inc.

05-123-22231

WELL NAME

RIG

JOB TYPE

Wells Ranch 13-33

Ensign 356

Balanced Plug

SURFACE WELL LOCATION

O-TEX Field Supervisor

CUSTOMER REP

NWSW 33 6N 63W

Doran, Ben

Bud Holman

EMPLOYEES

Vieaux, Jon

Scott, Derek

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 |
|--------|-----------|----------------|-------|
| Tubing | 2.375 | 4.7 | J-55 |

TMD From (ft)

TMD to (ft)

0

816

TVD From (Ft)

TVD to (Ft)

| Type | Size (in) | Weight (lb/ft) | Grade |
|------------|-----------|----------------|-------|
| Production | 4.5 | 10.5 | P-110 |

TMD From (ft)

TMD to (ft)

0

816

TVD From (Ft)

TVD to (Ft)

| 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):

0

To Depth (ft):

816

Type: **Balanced Plug**

Volume (sacks):

68

Volume (bbls):

14

Cement & Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

SUMMARY

Prelushes:

10 bbls of

Fresh Water

bbls of

bbls of

Calculated Displacement (bbl):

Actual Displacement (bbl):

Stage 1

Stage 2

Total Prelush/Spacer Volume (bbl):

10

Total Slurry Volume (bbl):

14

Total Fluid Pumped

24

Returns to Surface:

bbls

Plug Bump (Y/N):

Bump Pressure (psi):

Lost Returns (Y/N):

(if Y, when)

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

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

| O-Tex Pumping, LLC | | CEMENTING JOB LOG | | Project Number FL1707 | | Job Date 4/28/2017 | |
|--|-------|--------------------------------------|------|---------------------------------------|------|--|--|
| O-Tex Location Brighton, Colorado 303-857-7948 | | Customer PDC Energy, Inc. | | State CO | | County Weld | |
| Lease Name Wells Ranch 13-33 | | O-Tex Field Supervisor Doran, Ben | | Customer Representative Bud Holman | | Phone 970-301-3897 | |
| Job Type Balanced Plug | | Man Hours 6 | | API Number 05-123-22231 | | | |
| 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. | | |
| 4/28/2017 | 8:00 | | | | | Arrive on location | |
| 4/28/2017 | 8:10 | | | | | Check in with Company Rep/Tailgate Meeting | |
| 4/28/2017 | 8:15 | | | | | Spot Trucks/Rig In | |
| 4/28/2017 | 8:30 | | | | | PJS | |
| 4/28/2017 | 8:57 | 1 bbl | 1.00 | | 20 | Fill lines | |
| 4/28/2017 | 8:58 | | | | 1500 | Pressure Test | |
| 4/28/2017 | 9:00 | 10 bbl | 1.50 | | 60 | Establish Circulation | |
| 4/28/2017 | 9:09 | 14 bbl | 1.50 | | 50 | 68SX@15.8PPG,1.15Yield,4.98 WR,94 SW | |
| 4/28/2017 | 9:20 | | | | | Stop Wait on rig to nipple down | |
| 4/28/2017 | 9:45 | 5 bbl | | | | Top Off not needed cement right at surface | |
| 4/28/2017 | 9:45 | | | | | Wash | |
| 4/28/2017 | 9:55 | | | | | Rig Out | |
| 4/28/2017 | 10:05 | | | | | Job Complete | |
| 4/28/2017 | 10:15 | | | | | Leave Location | |
| JOB CALCULATIONS | | | | | | | |
| EOT @ 816' | | | | | | | |
| CASING DATA | | | | | | | |
| 4.5" 10.5 # | | | | | | | |
| ANNULAR DATA | | | | | | | |
| PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW | | | | | | | |



EQUIPMENT SHEET

Date: 4/28/2017

Job Site Leader: Doran, Ben

Max Pressure: _____ PSI

Company - Lease - Well #: PDC Energy, Inc.
Wells Ranch 13-33

Ticket #: FL1707

| Employee Name *** Please Print *** | Employee Number | Unit Number | Trailer Number | Location | Company Name |
|---------------------------------------|--------------------|----------------|-------------------|----------|-----------------|
|---------------------------------------|--------------------|----------------|-------------------|----------|-----------------|

| | | | | | |
|----|--------------|--|--------------|--------|--|
| 1 | Doran, Ben | | 201017 1 Ton | | |
| 2 | | | | | |
| 3 | Vieaux, Jon | | 745052 | 445052 | |
| 4 | | | | | |
| 5 | Scott, Derek | | 746114 | 446114 | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |

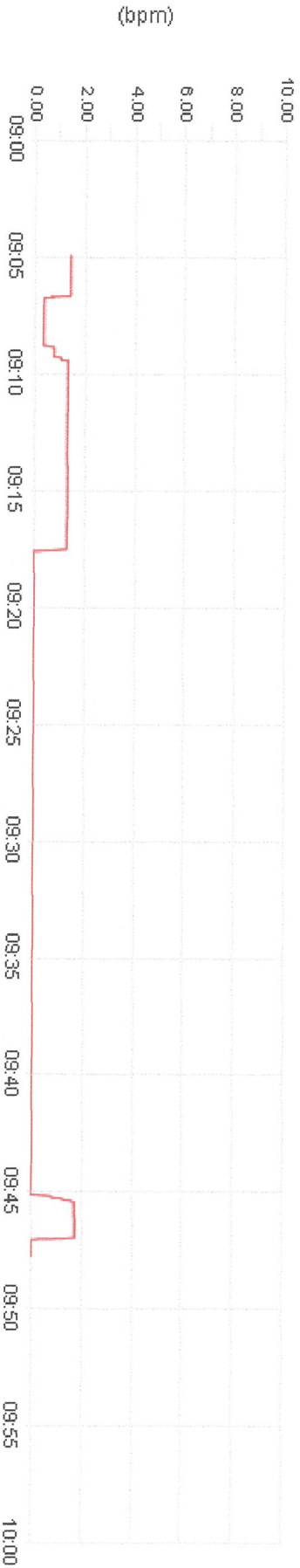
Job Safety Leader: _____

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

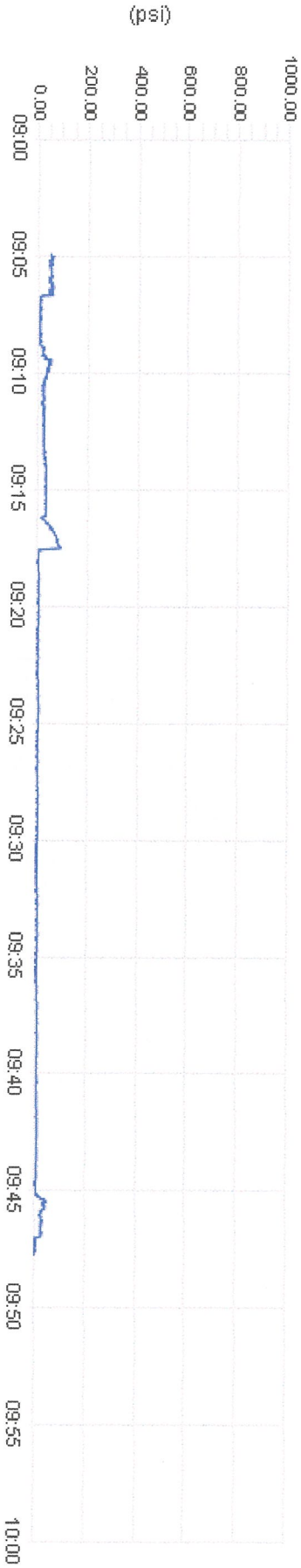


| | | | |
|------------|----------------------|------------------|------------|
| Client | PDC | Supervisor | Ben Doran |
| Ticket No. | 1707 | Unit No. | 445052 |
| Location | SW SW Sec33:T6N:R63W | Service District | Brighton |
| Comments | | Job Date | 04/28/2017 |
| Client Rep | Bud Holman | | |
| Well Name | Wells Ranch 13-33 | | |
| Job Type | Abandonment Plugs | | |

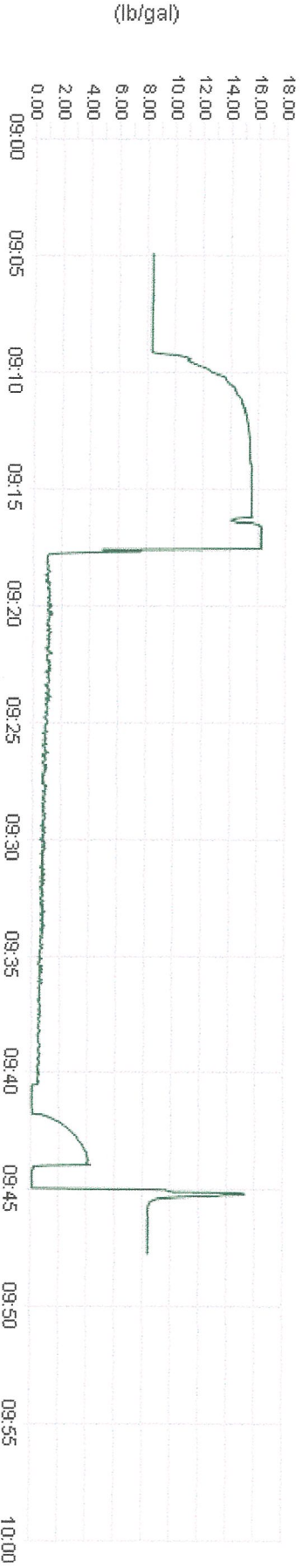
Unit 445052 Rate Total



Unit 445052 Pump Pressure



Unit 445052 Density





SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL1707**

Lease & Well Number: **Wells Ranch 13-33**

Date: **4/28/2017**

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 Type: **Balanced Plug**

Balanced Plug

1

Doiari, Beni

| |
|--|
| |
|--|

445052

[illegible]