



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 11/16/2015
 Invoice # 1449

P.O.#:

Due Date: 12/16/2015

Division: *Russell*

RECEIVED

NOV 20 2015

Invoice

Contact:

Palomino Petroleum Inc
 Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:

CLOAFELTER FAMILIES TRUST 1

Description of Work:

SURFACE JOB

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 606.13 | No | | | | |
| Common-Class A | 120 | \$ 1,652.19 | Yes | | | | |
| Calcium Chloride | 6 | \$ 276.99 | Yes | | | | |
| POZ Mix-Standard | 30 | \$ 174.18 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 37 | \$ 168.79 | No | | | | |
| Bulk Truck Matl-Material Service Charge | 159 | \$ 131.88 | No | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 37 | \$ 107.41 | No | | | | |
| Premium Gel (Bentonite) | 3 | \$ 40.51 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 3,158.07

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (78.95)

SubTotal for Taxable Items: \$ 2,090.27

SubTotal for Non-Taxable Items: \$ 988.85

Total: \$ 3,079.12

Tax: \$ 177.67

8.50% Gove County Sales Tax

Amount Due: \$ 3,256.79

Applied Payments:

Balance Due: \$ 3,256.79

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

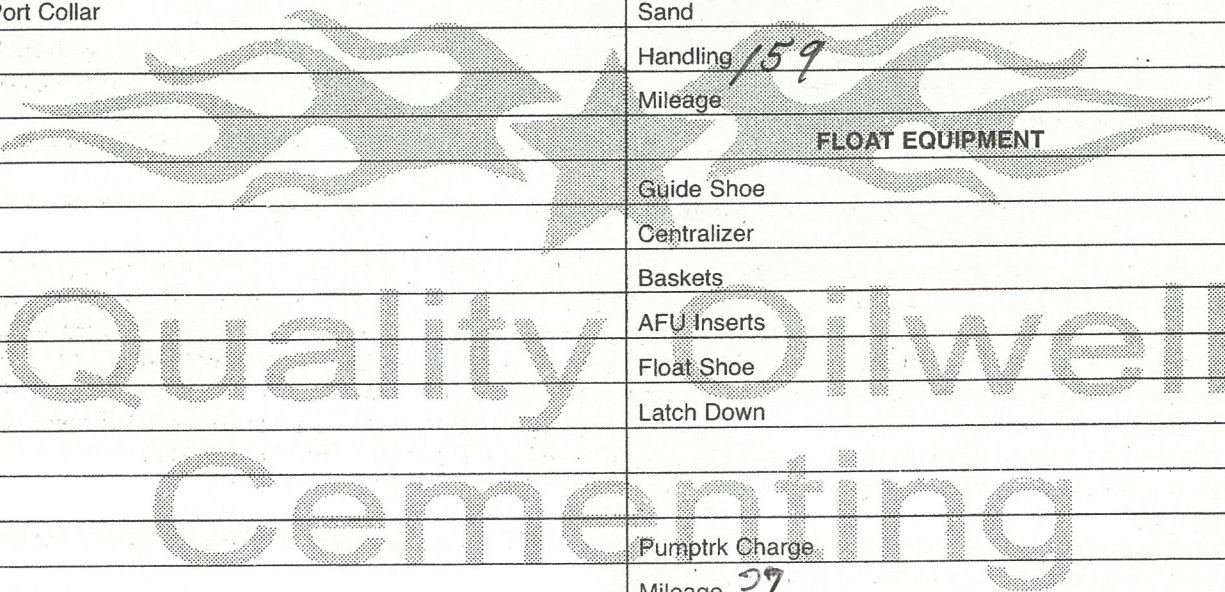
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1449

| | | | | | | | | | | | | | | | |
|-----------------------------------|----------|------|----|--------|----|------------|----|---------------------------|------|--|----|-------------|--|--------|---------|
| Date | 11-16-15 | Sec. | 14 | Twp. | 15 | Range | 26 | County | Gove | State | KS | On Location | | Finish | 4:30 PM |
| Lease | | | | | | | | Cloafetter Families Trust | | Well No. | | 1 | | | |
| Contractor | | | | | | | | ww6 | | Owner | | | | | |
| Type Job | | | | | | | | Surface | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | |
| Hole Size | | | | 12 1/4 | | T.D. | | 211 | | | | | | | |
| Csg. | | | | 8 5/8 | | Depth | | 211 | | | | | | | |
| Tbg. Size | | | | | | Depth | | | | | | | | | |
| Tool | | | | | | Depth | | | | | | | | | |
| Cement Left in Csg. | | | | | | Shoe Joint | | 20 | | | | | | | |
| Meas Line | | | | | | Displace | | 12661 | | | | | | | |
| EQUIPMENT | | | | | | | | Common | | | | | | | |
| Pumptrk | | | | 5 | | No. | | Cementer | | 120 | | | | | |
| | | | | | | | | Helper | | 30 | | | | | |
| Bulktrk | | | | 9 | | No. | | Driver | | 3 | | | | | |
| | | | | | | | | Driver | | 6 | | | | | |
| Bulktrk | | | | Ph | | No. | | Driver | | | | | | | |
| | | | | | | | | Driver | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | Hulls | | | | | | | |
| Remarks: | | | | | | | | cement did circulate | | | | | | | |
| Rat Hole | | | | | | | | Salt | | | | | | | |
| Mouse Hole | | | | | | | | Flowseal | | | | | | | |
| Centralizers | | | | | | | | Kol-Seal | | | | | | | |
| Baskets | | | | | | | | Mud CLR 48 | | | | | | | |
| D/V or Port Collar | | | | | | | | CFL-117 or CD110 CAF 38 | | | | | | | |
| | | | | | | | | Sand | | | | | | | |
| | | | | | | | | Handling | | | | | | | |
| | | | | | | | | 159 | | | | | | | |
| | | | | | | | | Mileage | | | | | | | |
| | | | | | | | | | | | | | | | |
| FLOAT EQUIPMENT | | | | | | | | | | | | | | | |
| | | | | | | | | Guide Shoe | | | | | | | |
| | | | | | | | | Centralizer | | | | | | | |
| | | | | | | | | Baskets | | | | | | | |
| | | | | | | | | AFU Inserts | | | | | | | |
| | | | | | | | | Float Shoe | | | | | | | |
| | | | | | | | | Latch Down | | | | | | | |
| | | | | | | | | Pumptrk Charge | | | | | | | |
| | | | | | | | | Mileage | | | | | | | |
| | | | | | | | | 39 | | | | | | | |
| | | | | | | | | Tax | | | | | | | |
| | | | | | | | | Discount | | | | | | | |
| | | | | | | | | Total Charge | | | | | | | |
| Signature | | | | | | | | Maul Ryzse | | | | | | | |





P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



RECEIVED

NOV 27 2015

Invoice

| | |
|------------|-----------|
| DATE | INVOICE # |
| 11/23/2015 | 28776 |

| |
|--|
| BILL TO |
| Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827 |

- Acidizing
- Cement
- Tool Rental

| TERMS | Well No. | Lease | County | Contractor | Well Type | Well Category | Job Purpose | Operator |
|------------|--|------------------|--------|-------------|-----------|---------------|-------------------|-----------|
| Net 30 | #1 | Cladfelter Fa... | Gove | WW Drilling | Oil | Development | 5-1/2" LongString | Wayne |
| PRICE REF. | DESCRIPTION | | | | QTY | UM | UNIT PRICE | AMOUNT |
| 575D | Mileage - 1 Way | | | | 45 | Miles | 5.00 | 225.00 |
| 578D-L | Pump Charge - Long String - 4455 Feet | | | | 1 | Job | 1,250.00 | 1,250.00 |
| 221 | Liquid KCL (Clayfix) | | | | 4 | Gallon(s) | 25.00 | 100.00T |
| 281 | Mud Flush | | | | 500 | Gallon(s) | 1.25 | 625.00T |
| 403-5 | 5 1/2" Cement Basket | | | | 2 | Each | 250.00 | 500.00T |
| 404-5 | 5 1/2" Port Collar - Top Joint #63 - 1818 Feet | | | | 1 | Each | 2,500.00 | 2,500.00T |
| 406-5 | 5 1/2" Latch Down Plug & Baffle | | | | 1 | Each | 225.00 | 225.00T |
| 407-5 | 5 1/2" Insert Float Shoe With Auto Fill | | | | 1 | Each | 300.00 | 300.00T |
| 409-5 | 5 1/2" Turbolizer | | | | 10 | Each | 75.00 | 750.00T |
| 419-5 | 5 1/2" Rotating Head Rental | | | | 1 | Each | 200.00 | 200.00T |
| 325 | Standard Cement | | | | 100 | Sacks | 12.25 | 1,225.00T |
| 330 | Swift Multi-Density Standard (MIDCON II) | | | | 125 | Sacks | 15.75 | 1,968.75T |
| 276 | Flocele | | | | 50 | Lb(s) | 2.25 | 112.50T |
| 283 | Salt | | | | 500 | Lb(s) | 0.20 | 100.00T |
| 284 | Calseal | | | | 5 | Sack(s) | 30.00 | 150.00T |
| 285 | CFR-1 | | | | 50 | Lb(s) | 4.50 | 225.00T |
| 290 | D-Air | | | | 3 | Gallon(s) | 42.00 | 126.00T |
| 581D | Service Charge Cement | | | | 225 | Sacks | 1.50 | 337.50 |
| 583D | Drayage | | | | 515.25 | Ton Miles | 0.75 | 386.44 |
| | Subtotal | | | | | | | 11,306.19 |
| | Sales Tax Gove County | | | | | | 8.50% | 774.12 |

| | | |
|-------------------------------------|--------------|-------------|
| We Appreciate Your Business! | Total | \$12,080.31 |
|-------------------------------------|--------------|-------------|



Services, Inc.

CHARGE TO

Palomino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 28776

PAGE 1 OF 2

| | | | | | | | |
|---------------------------------------|--|------------------------------|-----------------------------------|-------------------|-------------------------|---|---------------|
| SERVICE LOCATIONS 1. Ness City, KS | WELL/PROJECT NO. # 1 | LEASE CANDFELTER TRUST | COUNTY/PARISH Gove | STATE KS | CITY | DATE 11-23-15 | OWNER SAME |
| | TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES | CONTRACTOR WV DRILLING | RIG NAME/NO. | SHIPPED VIA CT | DELIVERED TO LOCATED | ORDER NO. | |
| | WELL TYPE OR | WELL CATEGORY Development | JOB PURPOSE 5 1/2" LONGSTRINGS | | WELL PERMIT NO. | WELL LOCATION Orizaba - 42, 16, 31/2 | E.S |
| 4. REFERRAL LOCATION | INVOICE INSTRUCTIONS | | | | | | |

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|-------------------------------------|------------|------|-------------------------------|------|-----|------|-----|------------|---------|
| | | LOC | ACCT | | | | | | | |
| 575 | | 1 | | MILEAGE # 112 | 45 | ME | | | \$100 | 225.00 |
| 578 | | 1 | | Pump Charge | 1 | JOB | | | 1250.00 | 1250.00 |
| 221 | | 1 | | brand Kel | 4 | Gal | | | 25.00 | 100.00 |
| 281 | | 1 | | MUDFLUSH | 500 | Gal | | | 1.25 | 625.00 |
| 403 | | 1 | | Cement BASKETS | 2 | EA | | | 250.00 | 500.00 |
| 404 | | 1 | | POOR CEMENT TOP OF # 63 | 1 | EA | | | 1818.00 | 2500.00 |
| 406 | | 1 | | LATCH DOWN PILE - BATTLE | 1 | EA | | | 225.00 | 225.00 |
| 407 | | 1 | | TASSER FLOAT SHOE w/AUTO FALL | 1 | EA | | | 300.00 | 300.00 |
| 409 | | 1 | | TURBOKIZERS | 10 | EA | | | 75.00 | 750.00 |
| 419 | | 1 | | ROTARY HEAD RENTAL | 1 | JOB | | | 200.00 | 200.00 |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Allean W. Winters*
DATE SIGNED 11-23-15 TIME SIGNED 0300 A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

| | |
|---------------|-----------|
| PAGE TOTAL #1 | 6675.00 |
| #2 | 4631.19 |
| TAX | 11,306.19 |
| TOTAL | 12,080.31 |

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *Waverly Winters*

APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28176

CUSTOMER: PALOMINO Petroleum
WELL: CADEFER
FAMILY #1
DATE: 11-23-15
PAGE 2 OF 2

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | TIME | DESCRIPTION | WELL | | FAMILY | | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|------------|------|----|------|------------------------------|-------|--------------|--------|--------------|------------|---------|
| | | LOC | ACCT | DF | | | QTY | U/M | QTY | U/M | | |
| 325 | | 1 | | | | GRAVLABD Cement | 100 | SKS | | | 12.25 | 1225.00 |
| 330 | | 1 | | | | SWIFT Multi Density Standard | 125 | SKS | | | 15.75 | 1968.75 |
| 276 | | 1 | | | | FLOCELE | 50 | UBS | | | 2.25 | 112.50 |
| 283 | | 1 | | | | SALT | 500 | UBS | | | .20 | 100.00 |
| 284 | | 1 | | | | GALSBK | 5 | SKS | | | 30.00 | 150.00 |
| 285 | | 1 | | | | CR-1 | 50 | UBS | | | 4.50 | 225.00 |
| 290 | | 1 | | | | D-ADR | 3 | GAL | | | 42.00 | 126.00 |
| 581 | | 1 | | | | SERVICE CHARGE | | | | | 2.25 | 337.50 |
| 583 | | 1 | | | | MILEAGE CHARGE | 22900 | TOTAL WEIGHT | 45 | LOADED MILES | 1.50 | 386.44 |

CONTINUATION TOTAL 4631.19

JOB LOG

SWIFT Services, Inc.

DATE 11-23-15 PAGE NO.

CUSTOMER PALOMAZO PETROLEUM WELL NO. #1 LEASE CLANFELTER FAMILY TRUST JOB TYPE 5 1/2" LONGSTROG TICKET NO. 28776

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL)(GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|-------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 0300 | | | | | | | ON LOCATION |
| | 0430 | | | | | | | START 5 1/2" CASING IN WELL |
| | | | | | | | | TD - 4484 SET = 4455 |
| | | | | | | | | TP - 4457 5 1/2" # 14 |
| | | | | | | | | ST - 43' |
| | | | | | | | | TURBOLIZERS - 1, 3, 5, 7, 9, 11, 13, 15, 17, 62 |
| | | | | | | | | CMT BKTS - 2, 63 |
| | | | | | | | | PORT COLLAR - 1818' TOP JT # 63 |
| | 0630 | | | | | | | DROP BALL - CIRCULATE ROTATE |
| | 0735 | 6 | 12 | | ✓ | | 400 | PUMP 500 GAL MUD FLUSH |
| | 0737 | 6 | 20 | | ✓ | | 400 | PUMP 20 BBL KCL FLUSH |
| | 0745 | | 7 | | | | | PLUG RH (30 SKS) |
| | 0750 | 4 1/2 | 35 | | ✓ | | 300 | MIX CEMENT - 95 SKS SMD = 12.7 PPG |
| | | 4 | 24 | | ✓ | | 150 | 100 SKS EA2 = 15.5 PPG |
| | 0805 | | | | | | | WASH OUT PUMP + LINES |
| | 0805 | | | | | | | RELEASE LATCH DOWN PLUG |
| | 0810 | 7 | 0 | | ✓ | | | DISPLACE PLUG (1ST TANK KCL WATER) |
| | | 6 1/2 | 105 | | | | 750 | |
| | 0830 | 6 | 107.7 | | | | 1500 | PLUG DOWN - PSE UP LATCH IN PLUG |
| | 0835 | | | | | | OK | RELEASE PSE - HELD |
| | | | | | | | | WASH TRUCK |
| | 0930 | | | | | | | JOB COMPLETE |

THANK YOU
WAYNE, JOHN, PRESTON



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

RECEIVED

DEC 11 2015

Invoice

| | |
|-----------|-----------|
| DATE | INVOICE # |
| 12/4/2015 | 28954 |

| |
|--|
| BILL TO |
| Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827 |

- Acidizing
- Cement
- Tool Rental

| TERMS | Well No. | Lease | County | Contractor | Well Type | Well Category | Job Purpose | Operator |
|------------|--|------------|--------|----------------------|-----------|---------------|--------------------|-----------|
| Net 30 | #1 | Clodfelter | Gove | Express Well Serv... | Oil | Development | Cement Port Collar | Blaine |
| PRICE REF. | DESCRIPTION | | | | QTY | UM | UNIT PRICE | AMOUNT |
| 575D | Mileage - 1 Way | | | | 40 | Miles | 5.00 | 200.00 |
| 576D-D | Pump Charge - Port Collar | | | | 1 | Job | 1,250.00 | 1,250.00 |
| 330 | Swift Multi-Density Standard (MIDCON II) | | | | 140 | Sacks | 15.75 | 2,205.00T |
| 276 | Flocele | | | | 50 | Lb(s) | 2.25 | 112.50T |
| 290 | D-Air | | | | 2 | Gallon(s) | 42.00 | 84.00T |
| 104 | 5 1/2" Port Collar Tool Rental | | | | 1 | Each | 200.00 | 200.00T |
| 581D | Service Charge Cement | | | | 200 | Sacks | 1.50 | 300.00 |
| 583D | Drayage | | | | 398.04 | Ton Miles | 0.75 | 298.53 |
| | Subtotal | | | | | | | 4,650.03 |
| | Sales Tax Gove County | | | | | | 8.50% | 221.13 |

| | | |
|---|--------------|-------------------|
| Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!! | Total | \$4,871.16 |
|---|--------------|-------------------|



Services, Inc.

CHARGE TO: Palominos Petroleum
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET 28954

PAGE 1 OF 1

1. SERVICE LOCATIONS: Neess City KS WELL/PROJECT NO. _____ LEASE: Chad Ecker COUNTY/PARISH: Greene STATE: KS CITY: Wichita DATE: 4 Dec 15 OWNER: _____

2. TICKET TYPE: SERVICE SALES CONTRACTOR: _____ RIG NAME/NO.: _____ SHIPPED VIA: BT DELIVERED TO: location ORDER NO.: _____

3. WELL TYPE: 0-1 WELL CATEGORY: exploration JOB PURPOSE: development cement part collar WELL PERMIT NO.: _____ WELL LOCATION: _____

4. REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | MILEAGE | QTY. | UM | QTY. | UM | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|------------|------|----|-------------|----------|------|----|------|----|------------|---------|
| | | LOC | ACCT | DF | | | | | | | | |
| 575 | | | | | 1 | 40 mi | | | | | 5.00 | 200.00 |
| 576D | | | | | 1 | 1.04 | | | | | 1250.00 | 1250.00 |
| 330 | | | | | 1 | 140 sk | | | | | 15.75 | 2205.00 |
| 276 | | | | | 1 | 50 lb | | | | | 2.05 | 102.50 |
| 290 | | | | | 1 | 2 gal | | | | | 42.00 | 84.00 |
| 104 | | | | | 1 | 1 bag | | | | | 200.00 | 200.00 |
| 581 | | | | | 1 | 280 sk | | | | | 1.50 | 300.00 |
| 583 | | | | | 1 | 192.2 lb | | | | | 0.75 | 298.50 |
| | | | | | | | | | | | | 50.00 |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Alan Winkler
 DATE SIGNED: _____ TIME SIGNED: _____

7:05 AM
 12:05 PM

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 4648.03

TOTAL: 4871.16

Gave TAX 8.5% 221.13

SWIFT OPERATOR: _____ APPROVAL: ASGM

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

JOB LOG

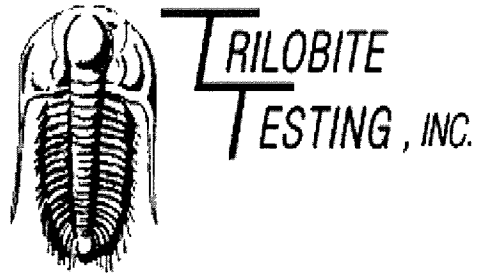
SWIFT Services, Inc.

4 Dec 15

DATE 12/15/15 PAGE NO. 1

CUSTOMER Petroleum Petroleum WELL NO. 1 LEASE Clad Felter JOB TYPE cement port collar TICKET NO. 28954

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | | | | | | | | 200 lb SMD cement w/ 4# floccle 2 3/8 x 5 1/2 port collar - 1820' |
| | 0930 | | | | | | | on loc TRK 114 |
| | 0950 | | | | | 1000 | 1000 | test to 1000 psi - hold open port collar |
| | 0955 | 3 1/2 | 2 | | | 300 | | inj rate 3 1/2 bpm @ 300 psi |
| | 1001 | 3 1/2 | | | | 300 | | mix SMD cement @ 11.2 ppm |
| | | 3 1/2 | 8 | | | 300 | | - fluid to surface - |
| | | 3 1/2 | 74 | | | 550 | | — cement to surface — |
| | | | | | | | | { 140 sk mix ed } 15 to pit } |
| | | 3 1/2 | 6 1/2 | | | 558 | | Displace 6 1/2 bbl H2O |
| | | | | | | | | close port collar |
| | 1026 | | | | | 1000 | 1000 | test to 1000 psi - hold |
| | 1030 | | | | | | | Run 5 joints |
| | 1042 | | 20 | | | | | Reverse hole clean — 2 cement plugs — |
| | 1055 | | | | | | | wash truck |
| | | | | | | | | Rack up |
| | 1120 | | | | | | | job complete Flint, Blaine, & son |



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

14-15s-26w Gove,KS

Clodfelter Families Trust #1

Start Date: 2015.11.20 @ 09:40:00

End Date: 2015.11.20 @ 16:49:20

Job Ticket #: 64616 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.11.23 @ 13:28:00

Palomino Petroleum, Inc.

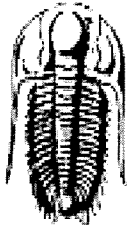
Clodfelter Families Trust #1

14-15s-26w Gove,KS

DST # 1

Lansing 'J-L'

2015.11.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Clodfelter Families Trust #1

14-15s-26w Gove, KS

Job Ticket: 64616

DST#: 1

Test Start: 2015.11.20 @ 09:40:00

GENERAL INFORMATION:

Formation: **Lansing 'J-L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:29:20

Time Test Ended: 16:49:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: **3910.00 ft (KB) To 4010.00 ft (KB) (TVD)**

Reference Elevations: 2409.00 ft (KB)

Total Depth: 4010.00 ft (KB) (TVD)

2404.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357 Inside

Press@RunDepth: 72.40 psig @ 3915.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.11.20 End Date: 2015.11.20

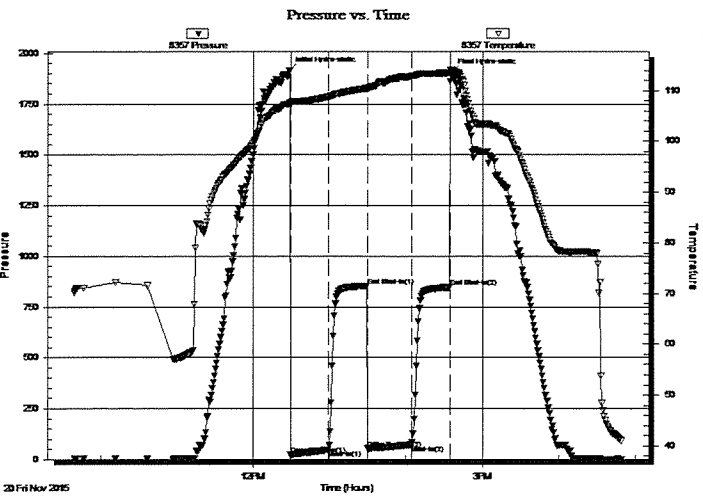
Last Calib.: 2015.11.20

Start Time: 09:40:02 End Time: 16:49:19

Time On Btm: 2015.11.20 @ 12:28:00

Time Off Btm: 2015.11.20 @ 14:35:30

TEST COMMENT: 30- 3" Blow .
30- No return.
30- 1 1/2" Blow .
30- No return.



PRESSURE SUMMARY

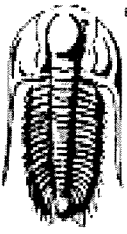
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1912.76 | 107.48 | Initial Hydro-static |
| 2 | 21.17 | 107.19 | Open To Flow (1) |
| 31 | 46.45 | 108.77 | Shut-In(1) |
| 61 | 853.15 | 110.45 | End Shut-In(1) |
| 62 | 53.02 | 110.34 | Open To Flow (2) |
| 97 | 72.40 | 112.86 | Shut-In(2) |
| 127 | 846.10 | 113.52 | End Shut-In(2) |
| 128 | 1904.29 | 114.15 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 120.00 | OSWM 15w 85m | 1.68 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

Clodfelter Families Trust #1

4924 SE 84th St.
New ton, KS 67114

14-15s-26w Gove,KS

ATTN: Ryan Seib

Job Ticket: 64616

DST#: 1

Test Start: 2015.11.20 @ 09:40:00

GENERAL INFORMATION:

Formation: **Lansing 'J-L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:29:20

Time Test Ended: 16:49:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: **3910.00 ft (KB) To 4010.00 ft (KB) (TVD)**

Total Depth: 4010.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2409.00 ft (KB)

2404.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3915.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.11.20 End Date: 2015.11.20

Last Calib.: 2015.11.20

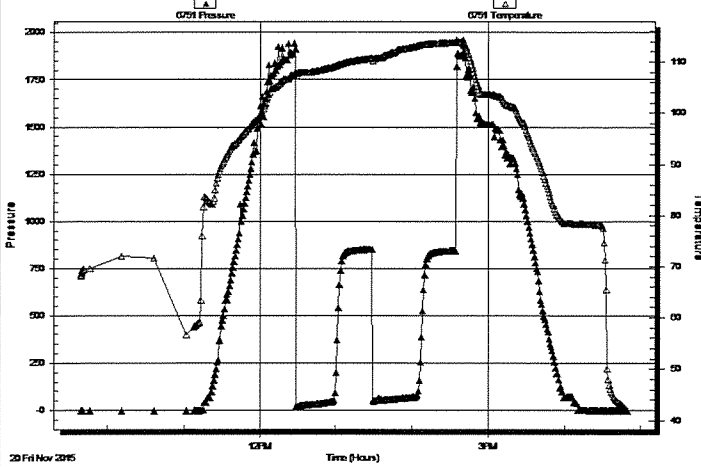
Start Time: 09:40:02 End Time: 16:49:19

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- 3" Blow .
30- No return.
30- 1 1/2" Blow .
30- No return.

Pressure vs. Time



PRESSURE SUMMARY

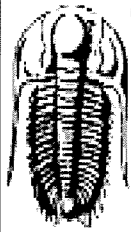
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
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| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 120.00 | OSWM 15w 85m | 1.68 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114

ATTN: Ryan Seib

Clodfelter Families Trust #1

14-15s-26w Gove,KS

Job Ticket: 64616

DST#: 1

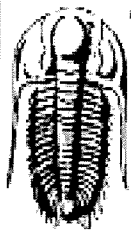
Test Start: 2015.11.20 @ 09:40:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3775.00 ft | Diameter: 2.25 inches | Volume: 18.56 bbl | Tool Weight: 2300.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 3.80 inches | Volume: 1.68 bbl | Weight to Pull Loose: 70000.00 lb |
| | | | <u>Total Volume: 20.24 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 12.50 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3910.00 ft | | | Final 61000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 100.00 ft | | | |
| Tool Length: | 127.50 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 3883.50 | |
| Shut In Tool | 5.00 | | | 3888.50 | |
| Hydraulic tool | 5.00 | | | 3893.50 | |
| Jars | 5.00 | | | 3898.50 | |
| Safety Joint | 2.50 | | | 3901.00 | |
| Packer | 5.00 | | | 3906.00 | 27.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 3910.00 | |
| Stubb | 1.00 | | | 3911.00 | |
| Perforations | 4.00 | | | 3915.00 | |
| Recorder | 0.00 | 8357 | Inside | 3915.00 | |
| Recorder | 0.00 | 6751 | Outside | 3915.00 | |
| Perforations | 27.00 | | | 3942.00 | |
| Change Over Sub | 1.00 | | | 3943.00 | |
| Drill Pipe | 63.00 | | | 4006.00 | |
| Change Over Sub | 1.00 | | | 4007.00 | |
| Bullnose | 3.00 | | | 4010.00 | 100.00 Bottom Packers & Anchor |
| Total Tool Length: | 127.50 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

Clodfelter Families Trust #1

4924 SE 84th St.
New ton, KS 67114

14-15s-26w Gove,KS

Job Ticket: 64616 **DST#: 1**

ATTN: Ryan Seib

Test Start: 2015.11.20 @ 09:40:00

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 47000 ppm |
| Viscosity: 56.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.69 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1200.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------|---------------|
| 120.00 | OSWM 15w 85m | 1.683 |

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW: .320 @ 35 Degrees F

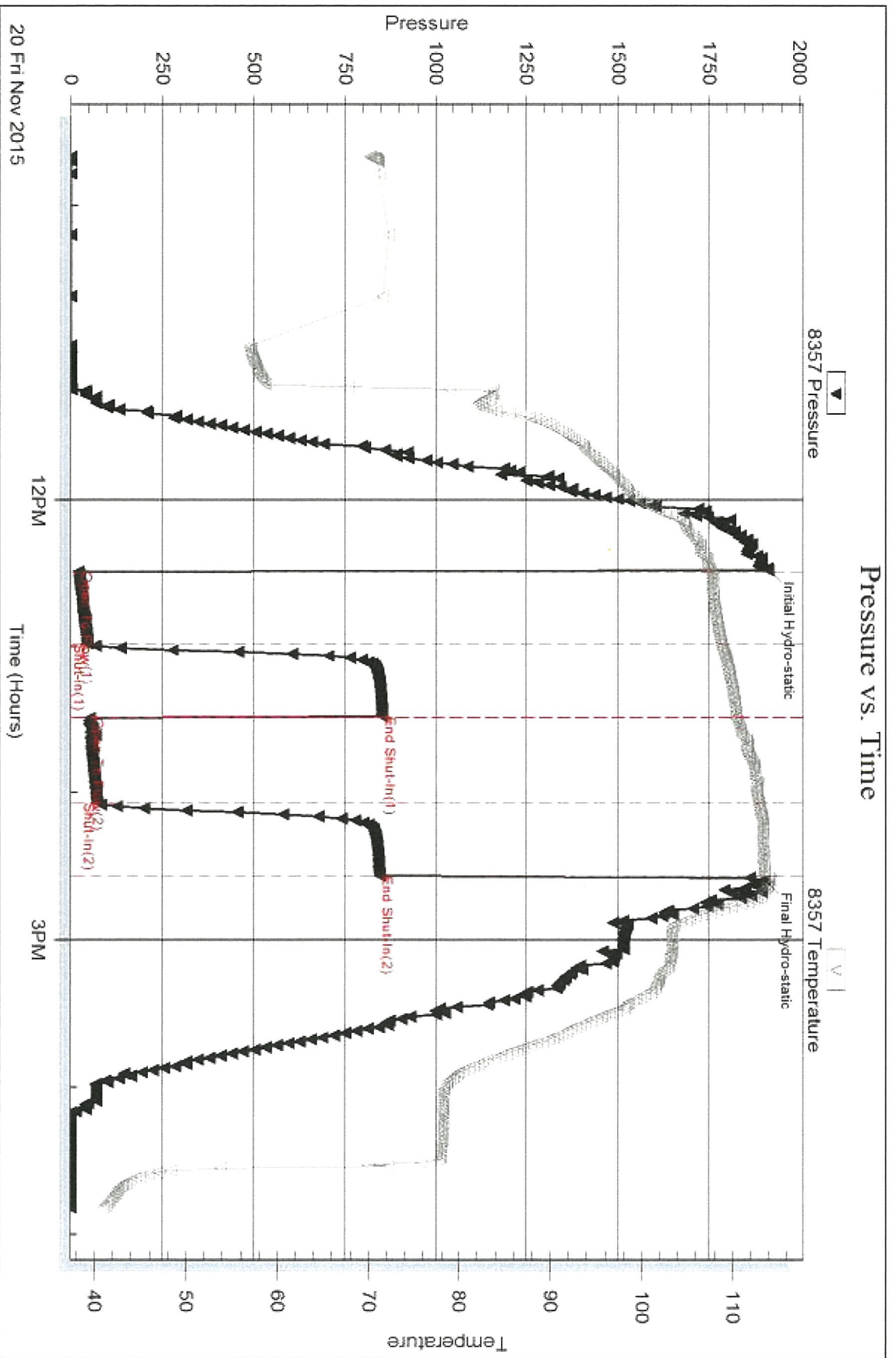
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Inside

Palomino Petroleum, Inc.

14-15s-26w Gove, KS

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64616

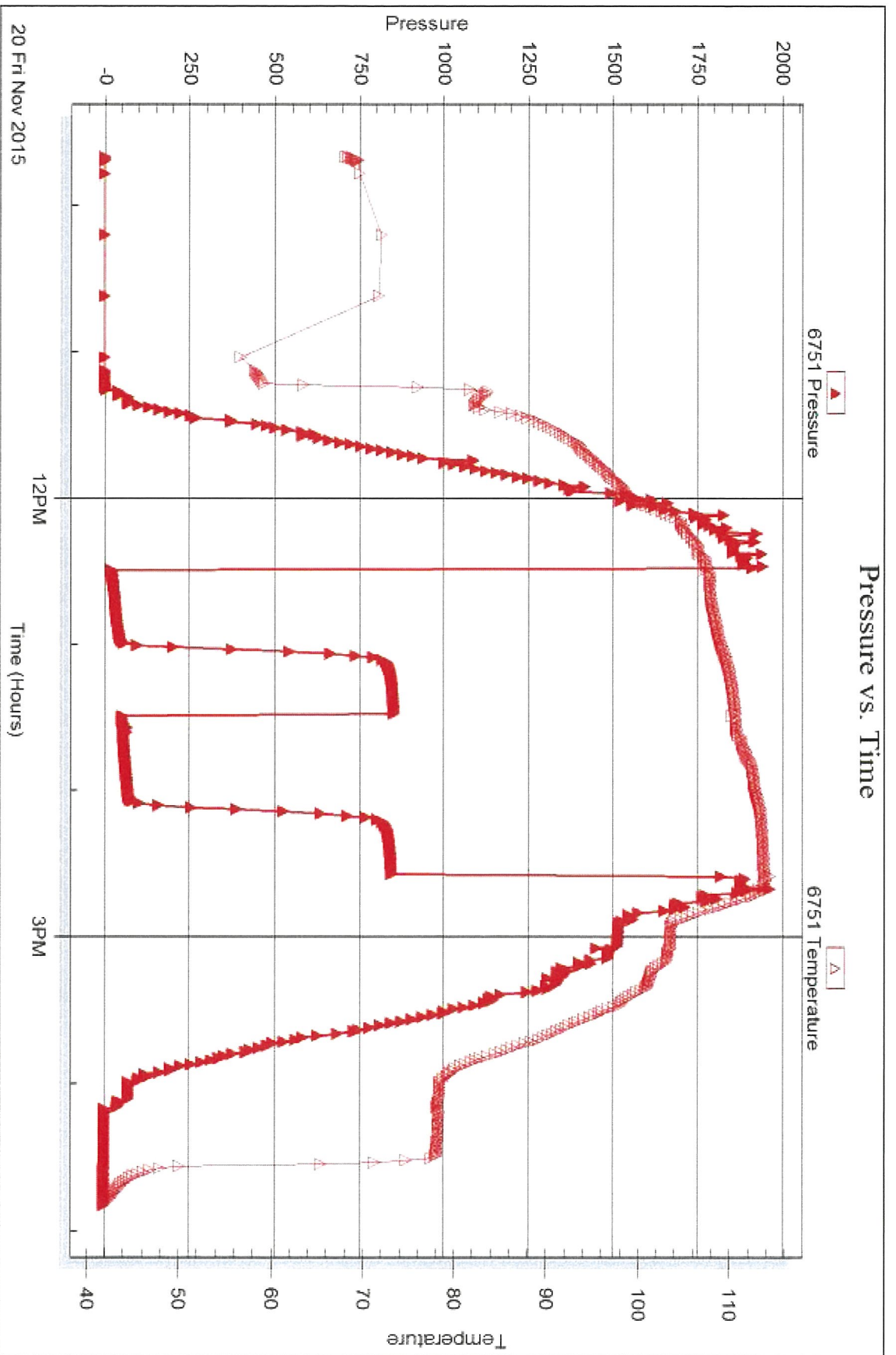
Printed: 2015 11 23 @ 13:28:01

Serial #: 6751

Outside Palomino Petroleum, Inc.

14-15s-26w Gove, KS

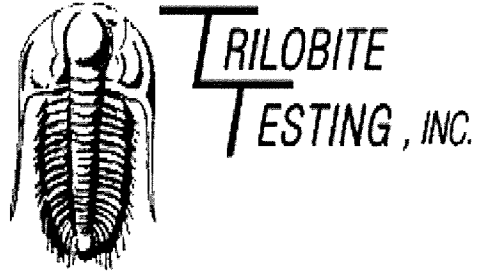
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64616

Printed 2015 11 23 @ 13:28:01



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

14-15s-26w Gove,KS

Clodfelter Families Trust #1

Start Date: 2015.11.21 @ 19:05:00

End Date: 2015.11.22 @ 02:47:09

Job Ticket #: 64617 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.11.23 @ 13:26:03

Palomino Petroleum, Inc.

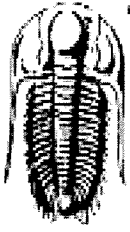
Clodfelter Families Trust #1

14-15s-26w Gove,KS

DST # 2

Mississippian

2015.11.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Clodfelter Families Trust #1

14-15s-26w Gove, KS

Job Ticket: 64617

DST#: 2

Test Start: 2015.11.21 @ 19:05:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:23:00

Time Test Ended: 02:47:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: **4218.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2409.00 ft (KB)

2404.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 197.49 psig @ 4221.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.11.21

End Date:

2015.11.22

Last Calib.: 2015.11.22

Start Time: 19:05:02

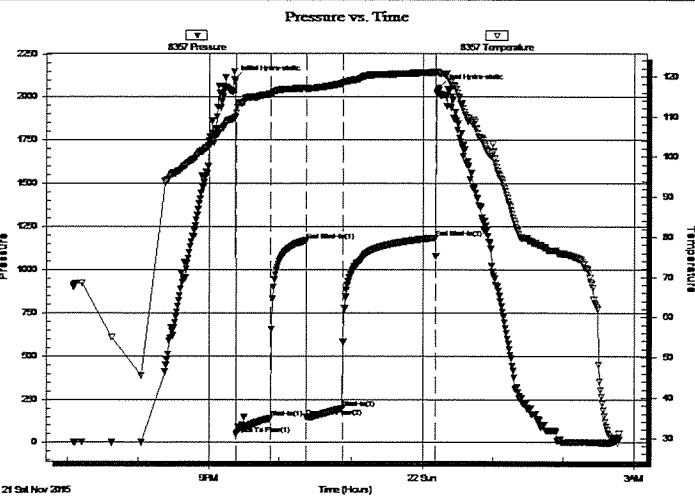
End Time:

02:47:10

Time On Btm: 2015.11.21 @ 21:21:30

Time Off Btm: 2015.11.22 @ 00:13:30

TEST COMMENT: 30- Opening surge died, flushed tool, surge died.
30- No return.
30- Surge died. During 3rd turn toward 2nd shut-in the swivel came off (that's why no blow s).
75- Surface return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2103.87 | 109.67 | Initial Hydro-static |
| 2 | 47.81 | 110.86 | Open To Flow (1) |
| 31 | 140.43 | 115.56 | Shut-In(1) |
| 61 | 1168.93 | 117.08 | End Shut-In(1) |
| 62 | 146.34 | 116.77 | Open To Flow (2) |
| 91 | 197.49 | 118.20 | Shut-In(2) |
| 170 | 1185.54 | 121.07 | End Shut-In(2) |
| 172 | 2052.66 | 120.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 60.00 | GOCM 30g 5o 65m | 0.84 |
| 186.00 | GOCM 35g 30o 35m | 1.46 |
| 126.00 | GMCO 10g 40m 50o | 0.62 |
| 108.00 | GO 20g 80o | 0.53 |
| 0.00 | 330' Weak GIP | 0.00 |

* Recovery from multiple tests

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Clodfelter Families Trust #1

14-15s-26w Gove,KS

Job Ticket: 64617 **DST#: 2**

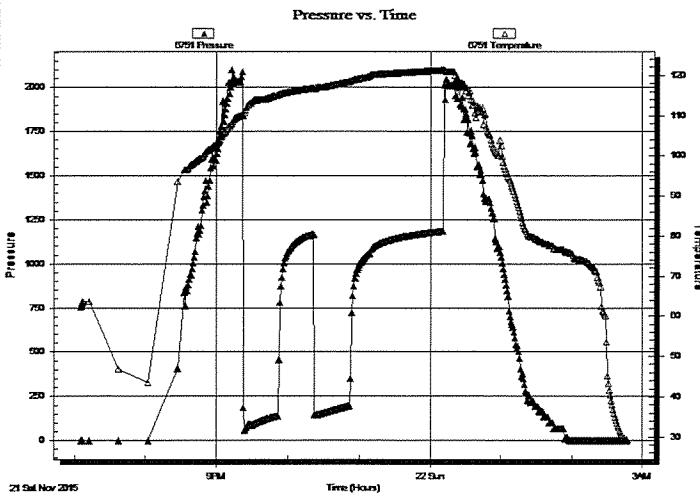
Test Start: 2015.11.21 @ 19:05:00

GENERAL INFORMATION:

| | |
|---|--|
| Formation: Mississippian | Test Type: Conventional Bottom Hole (Reset) |
| Deviated: No Whipstock: ft (KB) | Tester: Chuck Smith |
| Time Tool Opened: 21:23:00 | Unit No: 61 |
| Time Test Ended: 02:47:09 | Reference Elevations: 2409.00 ft (KB) |
| Interval: 4218.00 ft (KB) To 4325.00 ft (KB) (TVD) | 2404.00 ft (CF) |
| Total Depth: 4325.00 ft (KB) (TVD) | KB to GR/CF: 5.00 ft |
| Hole Diameter: 7.88 inches Hole Condition: Good | |

| | |
|---|--------------------------------|
| Serial #: 6751 Outside | Capacity: 8000.00 psig |
| Press@RunDepth: psig @ 4221.00 ft (KB) | Last Calib.: 2015.11.22 |
| Start Date: 2015.11.21 End Date: 2015.11.22 | Time On Btm: |
| Start Time: 19:05:02 End Time: 02:47:10 | Time Off Btm: |

TEST COMMENT: 30- Opening surge died, flushed tool, surge died.
 30- No return.
 30- Surge died. During 3rd turn toward 2nd shut-in the swivel came off (that's why no blow s).
 75- Surface return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
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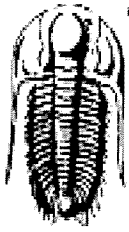
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 60.00 | GOCM 30g 5o 65m | 0.84 |
| 186.00 | GOCM 35g 30o 35m | 1.46 |
| 126.00 | GMCO 10g 40m 50o | 0.62 |
| 108.00 | GO 20g 80o | 0.53 |
| 0.00 | 330' Weak GIP | 0.00 |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |
| | | | |

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

Clodfelter Families Trust #1

4924 SE 84th St.
New ton, KS 67114

14-15s-26w Gove,KS

Job Ticket: 64617

DST#: 2

ATTN: Ryan Seib

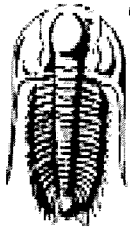
Test Start: 2015.11.21 @ 19:05:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4093.00 ft | Diameter: 2.25 inches | Volume: 20.13 bbl | Tool Weight: 2300.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 3.80 inches | Volume: 1.68 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 21.81 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 22.50 ft | | | String Weight: Initial 62000.00 lb |
| Depth to Top Packer: | 4218.00 ft | | | Final 63000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 107.00 ft | | | |
| Tool Length: | 134.50 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 4191.50 | |
| Shut In Tool | 5.00 | | | 4196.50 | |
| Hydraulic tool | 5.00 | | | 4201.50 | |
| Jars | 5.00 | | | 4206.50 | |
| Safety Joint | 2.50 | | | 4209.00 | |
| Packer | 5.00 | | | 4214.00 | 27.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4218.00 | |
| Stubb | 1.00 | | | 4219.00 | |
| Perforations | 2.00 | | | 4221.00 | |
| Recorder | 0.00 | 8357 | Inside | 4221.00 | |
| Recorder | 0.00 | 6751 | Outside | 4221.00 | |
| Perforations | 5.00 | | | 4226.00 | |
| Change Over Sub | 1.00 | | | 4227.00 | |
| Drill Pipe | 94.00 | | | 4321.00 | |
| Change Over Sub | 1.00 | | | 4322.00 | |
| Bullnose | 3.00 | | | 4325.00 | 107.00 Bottom Packers & Anchor |
| Total Tool Length: | 134.50 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

Clodfelter Families Trust #1

4924 SE 84th St.
New ton, KS 67114

14-15s-26w Gove,KS

Job Ticket: 64617

DST#: 2

ATTN: Ryan Seib

Test Start: 2015.11.21 @ 19:05:00

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 34 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: ppm |
| Viscosity: 60.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 7.20 in ³ | Gas Cushion Type: | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 2000.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 60.00 | GOCM 30g 5o 65m | 0.842 |
| 186.00 | GOCM 35g 30o 35m | 1.461 |
| 126.00 | GMCO 10g 40m 50o | 0.620 |
| 108.00 | GO 20g 80o | 0.531 |
| 0.00 | 330' Weak GIP | 0.000 |

Total Length: 480.00 ft Total Volume: 3.454 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 34 @ 60 Degrees F

Serial #: 8357

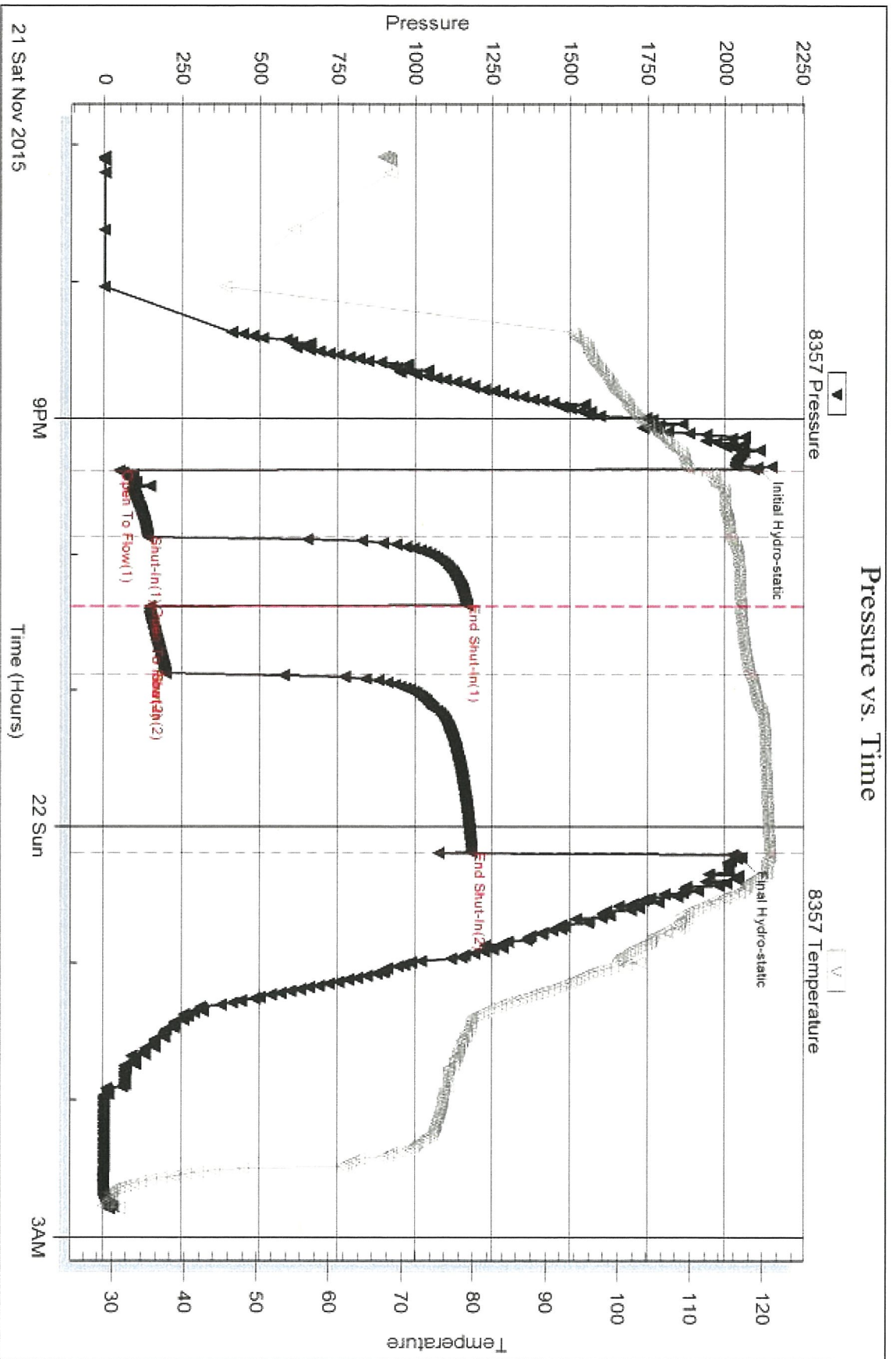
Inside

Palomino Petroleum, Inc.

14-15s-26w Gove, KS

DST Test Number: 2

Pressure vs. Time



Triacble Testing, Inc

Ref. No: 64617

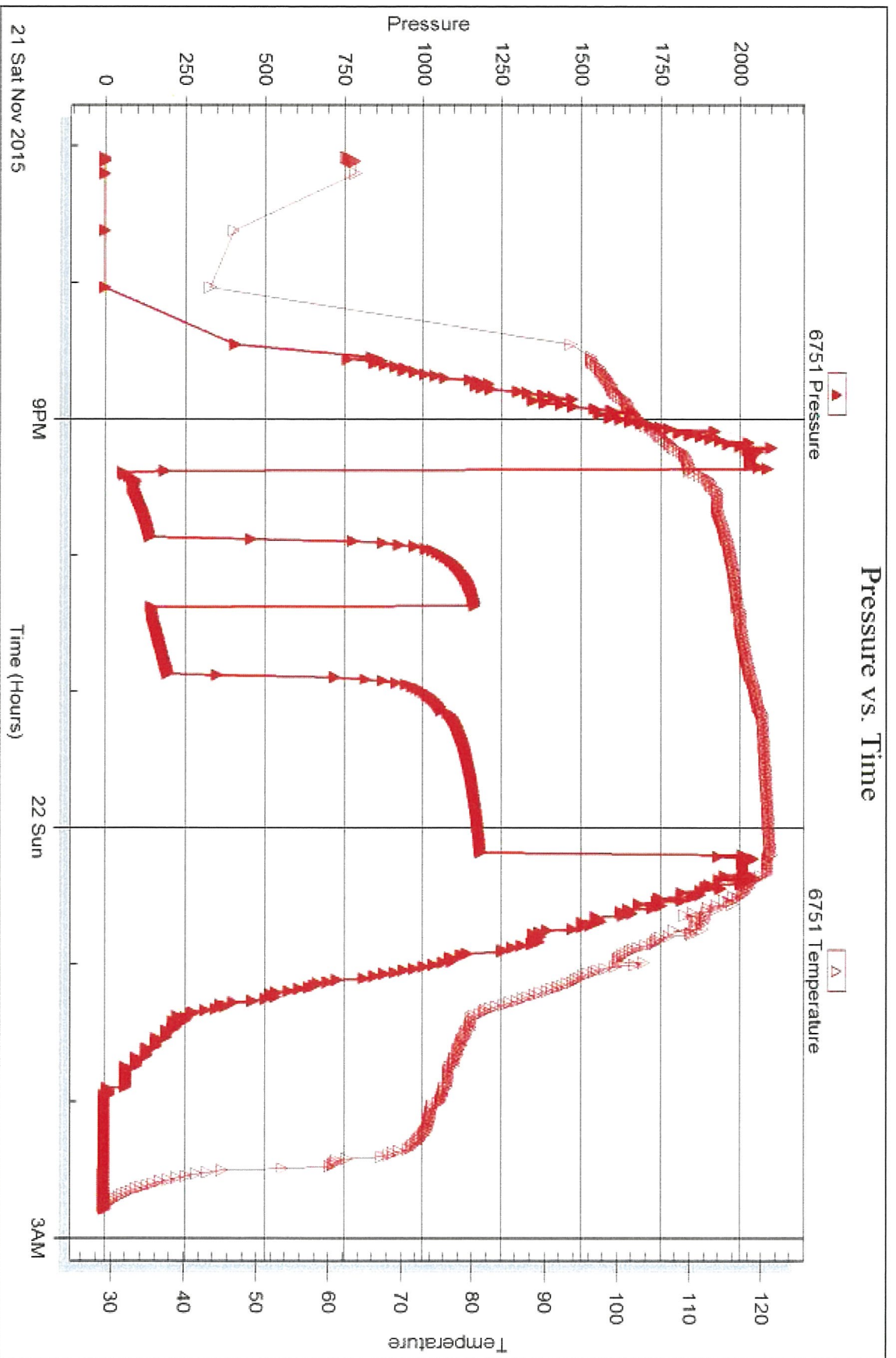
Printed 2015 11 23 @ 13:25:04

Serial #: 6751

Outside Palomino Petroleum, Inc.

14-15s-26w Gove, KS

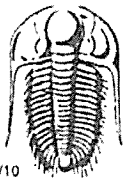
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 64617

Printed: 2015 11 23 @ 13:26:05



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64616

Well Name & No. Clodfelter Families Trust #1 Test No. 1 Date 11-20-15
 Company Palomino Petroleum, Inc. Elevation 2409 KB 2404 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW#6
 Location: Sec. 14 Twp. 15s Rge. 26w Co. Gove State KS

Interval Tested 3910-4010 Zone Tested Lansing 'J-L'
 Anchor Length 100 Drill Pipe Run 3775 Mud Wt. 9.2
 Top Packer Depth 3906 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 3910 Wt. Pipe Run 0 WL 7.7
 Total Depth 4010 Chlorides 1200 ppm System LCM 2"
 Blow Description 3" Blow
No return
1 1/2" Blow
No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------------|---------------------|------|------|------------|------------|
| Rec <u>120</u> | Feet of <u>OSWM</u> | | | <u>15%</u> | <u>85%</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

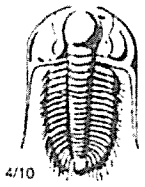
Rec Total 120 BHT 114 Gravity — API RW 320 @ 35 °F Chlorides 47000 ppm
 (A) Initial Hydrostatic 1913 Test 1150 T-On Location 9:40
 (B) First Initial Flow 21 Jars 250 T-Started 9:40
 (C) First Final Flow 46 Safety Joint 75 T-Open 12:29
 (D) Initial Shut-In 853 Circ Sub NIC T-Pulled 14:34
 (E) Second Initial Flow 53 Hourly Standby _____ T-Out 16:49
 (F) Second Final Flow 72 Mileage 116 RT Comments _____
 (G) Final Shut-In 846 Sampler _____
 (H) Final Hydrostatic 1904 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1591

Initial Open 30
 Initial Shut-In 30
 Final Flow 35
 Final Shut-In 30

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1591
 MP/DST Disc't _____

Approved By [Signature] Our Representative Chuck Smith

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64617

Well Name & No. Clodfelter Family Trust #1 Test No. 2 Date 11-21-15
 Company Palomina Petroleum, Inc. Elevation 2709 KB 2704 GL
 Address 4924 SE 84th St. Newton, KS 67117
 Co. Rep / Geo. Ryan Seib Rig WW#6
 Location: Sec. 14 Twp. 15s Rge. 26w Co. Gove State KS

Interval Tested 4218 - 4325 Zone Tested Mississippian
 Anchor Length 107 Drill Pipe Run 7093 Mud Wt. 9.3
 Top Packer Depth 4214 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 4218 Wt. Pipe Run 0 WL 7.2
 Total Depth 4325 Chlorides 2000 ppm System LCM 2"

Blow Description Opening surge died, flushed tool, surge died
No return.
Surge died. During 3rd turn of 2nd shut-in the surge came off. (That's why no blows)
Surface return.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|----------------------|------------|-----------|--------|-----------|
| <u>108</u> | <u>GO</u> | <u>20</u> | <u>80</u> | | |
| <u>126</u> | <u>GMCO</u> | <u>10</u> | <u>50</u> | | <u>40</u> |
| <u>186</u> | <u>GOCM</u> | <u>35</u> | <u>30</u> | | <u>35</u> |
| <u>60</u> | <u>GOCM</u> | <u>30</u> | <u>5</u> | | <u>65</u> |
| | <u>330' Work GIP</u> | <u>100</u> | | | |

Rec Total 480 BHT 121 Gravity 34 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2104 Test 1150 T-On Location 19:05
 (B) First Initial Flow 48 Jars 250 T-Started 19:05
 (C) First Final Flow 190 Safety Joint 75 T-Open 21:23
 (D) Initial Shut-In 1169 Circ Sub NIC T-Pulled 00:11
 (E) Second Initial Flow 196 Hourly Standby T-Out 2:49
 (F) Second Final Flow 197 Mileage 116RT Comments Loaded tools after
 (G) Final Shut-In 1186 Sampler test.
 (H) Final Hydrostatic 2053 Straddle
 Ruined Shale Packer

Initial Open 30 Shale Packer
 Initial Shut-In 30 Ruined Packer
 Final Flow 45 Extra Packer
 Final Shut-In 60 Extra Recorder
 Extra Copies
 Sub Total 0
 Total 1591
 MP/DST Disc't
 Sub Total 1591

Approved By [Signature] Our Representative [Signature]

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