



**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO  
Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

RECEIVED

JUL 18 2015

MAIN OFFICE

P.O.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice Invoice# 804958

Invoice Date: 07/16/15 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.  
4924 SE 84TH STREET  
NEWTON KS 67114-8827  
USA

PICKETT #1

| Part No | Description                                | Quantity | Unit Price | Discount(%) | Total    |
|---------|--|----------|------------|-------------|----------|
| CE0450  | Cement Pump Charge 0 - 1500'               | 1.000    | 1,500.0000 | 30.000      | 1,050.00 |
| CE0002  | Equipment Mileage Charge - Heavy Equipment | 50.000   | 7.1500     | 30.000      | 250.25   |
| CE0710  | Cement Delivery Charge                     | 1.000    | 1,015.8700 | 30.000      | 711.11   |
| CC5829  | Lite-Weight Blend V (60:40:4)              | 270.000  | 16.0000    | 30.000      | 3,024.00 |
| CC6075  | Celloflake                                 | 67.500   | 2.0000     | 30.000      | 94.50    |

Subtotal 7,328.37  
Discounted Amount 2,198.51  
SubTotal After Discount 5,129.86

Amount Due 7,707.05 If paid after 08/15/15

Tax: 265.07  
Total: 5,394.93



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

3527  
3440

TICKET NUMBER 49468

LOCATION Oakley, KS

FOREMAN Kelly Gabel

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Invoice # 804958

KS

| DATE                     | CUSTOMER # | WELL NAME & NUMBER | SECTION                                    | TOWNSHIP | RANGE   | COUNTY |
|--------------------------|------------|--------------------|--|----------|---------|--------|
| 7-16-15                  | 6285       | Pickett #1         | 3  | 20       | 34      | Scott  |
| CUSTOMER <u>Palamino</u> |            |                    | SCOTT CITY STORZO W to Deadend 1 1/2 S E.S |          |         |        |
| MAILING ADDRESS          |            |                    | TRUCK #                                    | DRIVER   | TRUCK # | DRIVER |
| CITY                     |            |                    | 5308T127                                   | Jeremy   |         |        |
| STATE                    |            |                    | 640  | Bill     |         |        |
| ZIP CODE                 |            |                    |  |          |         |        |

JOB TYPE PTA HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting rigged up on wtw #10, mixed cement plugs + displaced as ordered

- 50@2380
- 80@1200
- 50@575
- 40@250
- 20@60
- 30 RH

*Thank you Kelly Gabel*

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT  | UNIT PRICE                | TOTAL   |
|--------------|-------------------|-------------------------------------|---------------------------|---------|
| CE0450       | 1                 | PUMP CHARGE                         | 1500.00                   | 1500.00 |
| CE0002       | 50 mi             | MILEAGE                             | 7.15                      | 357.50  |
| CE0710       | 11.61             | Ton mileage delivery                | 75                        | 1015.82 |
| CC582        | 270 SKS           | Lite weight Blend V (60/40 490 gal) | 16.00                     | 4320.00 |
| CC6075       | 6 7/2             | cellulose                           | 2.00                      | 135.00  |
|              |                   |                                     | Sub                       | 7328.37 |
|              |                   |                                     | Less <del>5000</del> 3070 | 2198.51 |
|              |                   |                                     | total                     | 5129.86 |
|              |                   |                                     | SALES TAX                 | 265.07  |
|              |                   |                                     | ESTIMATED TOTAL           | 5394.93 |

Ravin 3737

AUTHORIZATION Rich Adams TITLE \_\_\_\_\_ DATE 7-16-15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO  
Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

RECEIVED

JUL 11 2015

MAIN OFFICE

P.O.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

804858

Invoice Date: 07/08/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET  
NEWTON KS 67114-8827  
USA

PICKET #1

| Part No | Description                                | Quantity | Unit Price | Discount(%) | Total    |
|---------|--|----------|------------|-------------|----------|
| CE0451  | Cement Pump Charge 1501' - 3000'           | 1.000    | 1,900.0000 | 33.000      | 1,273.00 |
| CE0002  | Equipment Mileage Charge - Heavy Equipment | 50.000   | 7.1500     | 33.000      | 239.53   |
| CE0710  | Cement Delivery Charge                     | 1.000    | 673.7500   | 33.000      | 451.41   |
| CC5871  | Surface Blend II, 2% Gel/3% CaCl           | 165.000  | 23.0000    | 33.000      | 2,542.65 |

Subtotal 6,726.25

Discounted Amount 2,219.66

SubTotal After Discount 4,506.59

Amount Due 7,048.83 If paid after 08/07/15

Tax: 216.12

Total: 4,722.71



**CONSOLIDATED**  
Oil Well Services, LLC

3428  
3350

TICKET NUMBER 49441  
LOCATION Oakley KS  
FOREMAN Dane Retzlaff

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**INVOICE # 804058 CEMENT**

| DATE            | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE   | COUNTY |
|-----------------|------------|--------------------|---------|----------|---------|--------|
| 7-6-15          | 6285       | Pickett #1         | 3       | 20       | 24      | Scott  |
| CUSTOMER        |            |                    | Ks      |          |         |        |
| MAILING ADDRESS |            |                    | TRUCK # | DRIVER   | TRUCK # | DRIVER |
| CITY            |            |                    | 599     | Mike     | 2.5 hrs |        |
| STATE           |            |                    | 566     | Lance    | 2.5 hrs |        |
| ZIP CODE        |            |                    | 703     |          |         |        |

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 8 1/2 24 LBS  
 CASING DEPTH 218 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk 6.50 CEMENT LEFT in CASING 20'  
 DISPLACEMENT 12.6 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

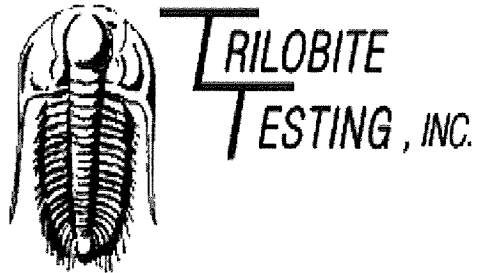
REMARKS: Safety meeting. Rig up. Break circulation with rig pump. Mix 165 sks Class A cement  
3% cc 2% gel Displace 12.5 BBLs of water, shut in. Rig down  
Cement did circulate

*Thanks, Dane & crew*

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL   |
|--------------|-------------------|------------------------------------|------------|---------|
| CE 0751      | 1                 | PUMP CHARGE                        | 1900.00    | 1900.00 |
| CE 0002      | 50                | MILEAGE                            | 7.15       | 357.50  |
| CE 0710      | 7.7               | Ton Mileage Delivery               | 1.25       | 673.75  |
| CC 5871      | 165 sks           | Surface Blend II, 2% gel 3% cc     | 23.00      | 3795.00 |
|              |                   |                                    | sub        | 6726.25 |
|              |                   |                                    | less 33%   | 2219.66 |
|              |                   |                                    | Total      | 4506.59 |

Flavin 3737 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 7/6/15  
 SALES TAX 216.12  
 ESTIMATED TOTAL 4722.71

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Pickett #1**

**3-20s-34w Scott,KS**

Start Date: 2015.07.10 @ 23:28:15

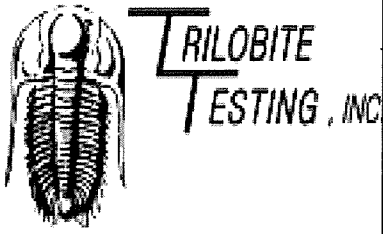
End Date: 2015.07.11 @ 06:40:45

Job Ticket #: 61437                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:35:23

Palomino Petroleum    3-20s-34w Scott,KS    Pickett #1    DST # 1    LKC H-I    2015.07.10



# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61437

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2015.07.10 @ 23:28:15

## GENERAL INFORMATION:

Formation: **LKC H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:45:30

Time Test Ended: 06:40:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

**Interval: 4173.00 ft (KB) To 4239.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4239.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846**

Inside

Press@RunDepth: 122.79 psig @ 4176.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.10

End Date:

2015.07.11

Last Calib.:

2015.07.11

Start Time: 23:28:15

End Time:

06:40:45

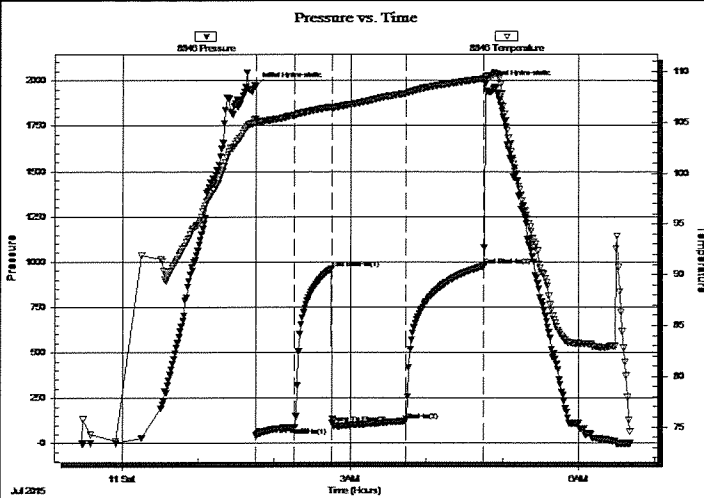
Time On Btm:

2015.07.11 @ 01:45:15

Time Off Btm:

2015.07.11 @ 04:46:15

TEST COMMENT: IF:Built to 7 1/2" blow  
IS:No return blow  
FF:BOB in 42 minutes  
FS:No return blow



## PRESSURE SUMMARY

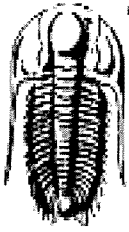
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1970.93         | 105.32       | Initial Hydro-static |
| 1           | 44.97           | 104.85       | Open To Flow (1)     |
| 31          | 87.74           | 105.69       | Shut-In(1)           |
| 61          | 964.80          | 106.52       | End Shut-In(1)       |
| 61          | 110.55          | 106.34       | Open To Flow (2)     |
| 119         | 122.79          | 107.84       | Shut-In(2)           |
| 180         | 977.00          | 109.28       | End Shut-In(2)       |
| 181         | 1978.90         | 109.47       | Final Hydro-static   |

## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | ocm 5%o 95%m   | 0.59         |
| 62.00       | mco 20%m 80%o  | 0.87         |
| 10.00       | free oil 100%o | 0.14         |
|             |                |              |
|             |                |              |

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114  
ATTN: Andrew Stenzel

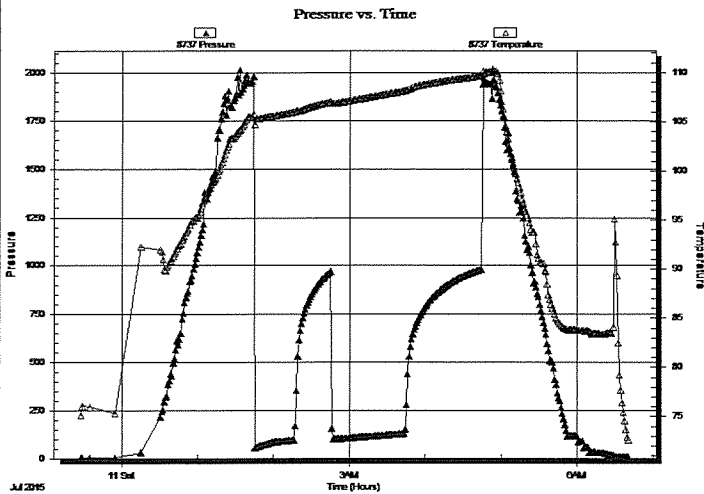
**3-20s-34w Scott,KS**  
**Pickett #1**  
Job Ticket: 61437      **DST#: 1**  
Test Start: 2015.07.10 @ 23:28:15

## GENERAL INFORMATION:

Formation: **LKC H-I**  
Deviated: No Whipstock:      ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened: 01:45:30      Tester: Mike Roberts  
Time Test Ended: 06:40:45      Unit No: 65  
  
Interval: **4173.00 ft (KB) To 4239.00 ft (KB) (TVD)**      Reference Elevations: 3034.00 ft (KB)  
Total Depth: 4239.00 ft (KB) (TVD)      3029.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 5.00 ft

**Serial #: 8737**      **Outside**  
Press@RunDepth:      psig @      4176.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2015.07.10      End Date: 2015.07.11      Last Calib.: 2015.07.11  
Start Time: 23:28:15      End Time: 06:40:45      Time On Btm:  
Time Off Btm:

TEST COMMENT: IF:Built to 7 1/2" blow  
IS:No return blow  
FF:BOB in 42 minutes  
FS:No return blow



## PRESSURE SUMMARY

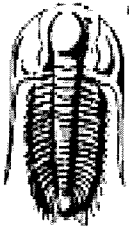
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |    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

## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | ocm 5%o 95%m   | 0.59         |
| 62.00       | mco 20%m 80%o  | 0.87         |
| 10.00       | free oil 100%o | 0.14         |
|             |                |              |
|             |                |              |
|             |                |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61437

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2015.07.10 @ 23:28:15

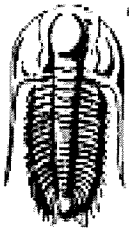
### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4037.00 ft | Diameter: 3.80 inches | Volume: 56.63 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 57.22 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 12.00 ft           |                       |                                | String Weight: Initial 58000.00 lb |
| Depth to Top Packer:      | 4173.00 ft         |                       |                                | Final 60000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 66.00 ft           |                       |                                |                                    |
| Tool Length:              | 94.00 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         |            |          | 4146.00    |                               |
| Shut In Tool              | 5.00         |            |          | 4151.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 4156.00    |                               |
| Jars                      | 5.00         |            |          | 4161.00    |                               |
| Safety Joint              | 3.00         |            |          | 4164.00    |                               |
| Packer                    | 5.00         |            |          | 4169.00    | 28.00 Bottom Of Top Packer    |
| Packer                    | 4.00         |            |          | 4173.00    |                               |
| Stubb                     | 1.00         |            |          | 4174.00    |                               |
| Perforations              | 2.00         |            |          | 4176.00    |                               |
| Recorder                  | 0.00         | 8846       | Inside   | 4176.00    |                               |
| Recorder                  | 0.00         | 8737       | Outside  | 4176.00    |                               |
| Change Over Sub           | 1.00         |            |          | 4177.00    |                               |
| Drill Pipe                | 32.00        |            |          | 4209.00    |                               |
| Change Over Sub           | 1.00         |            |          | 4210.00    |                               |
| Perforations              | 24.00        |            |          | 4234.00    |                               |
| Bullnose                  | 5.00         |            |          | 4239.00    | 66.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>94.00</b> |            |          |            |                               |





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61437

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2015.07.10 @ 23:28:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.52 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description    | Volume<br>bbl |
|--------------|----------------|---------------|
| 120.00       | ocm 5%o 95%m   | 0.590         |
| 62.00        | mco 20%m 80%o  | 0.870         |
| 10.00        | free oil 100%o | 0.140         |

Total Length: 192.00 ft

Total Volume: 1.600 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 32 @70 corrected to 31 @ 60

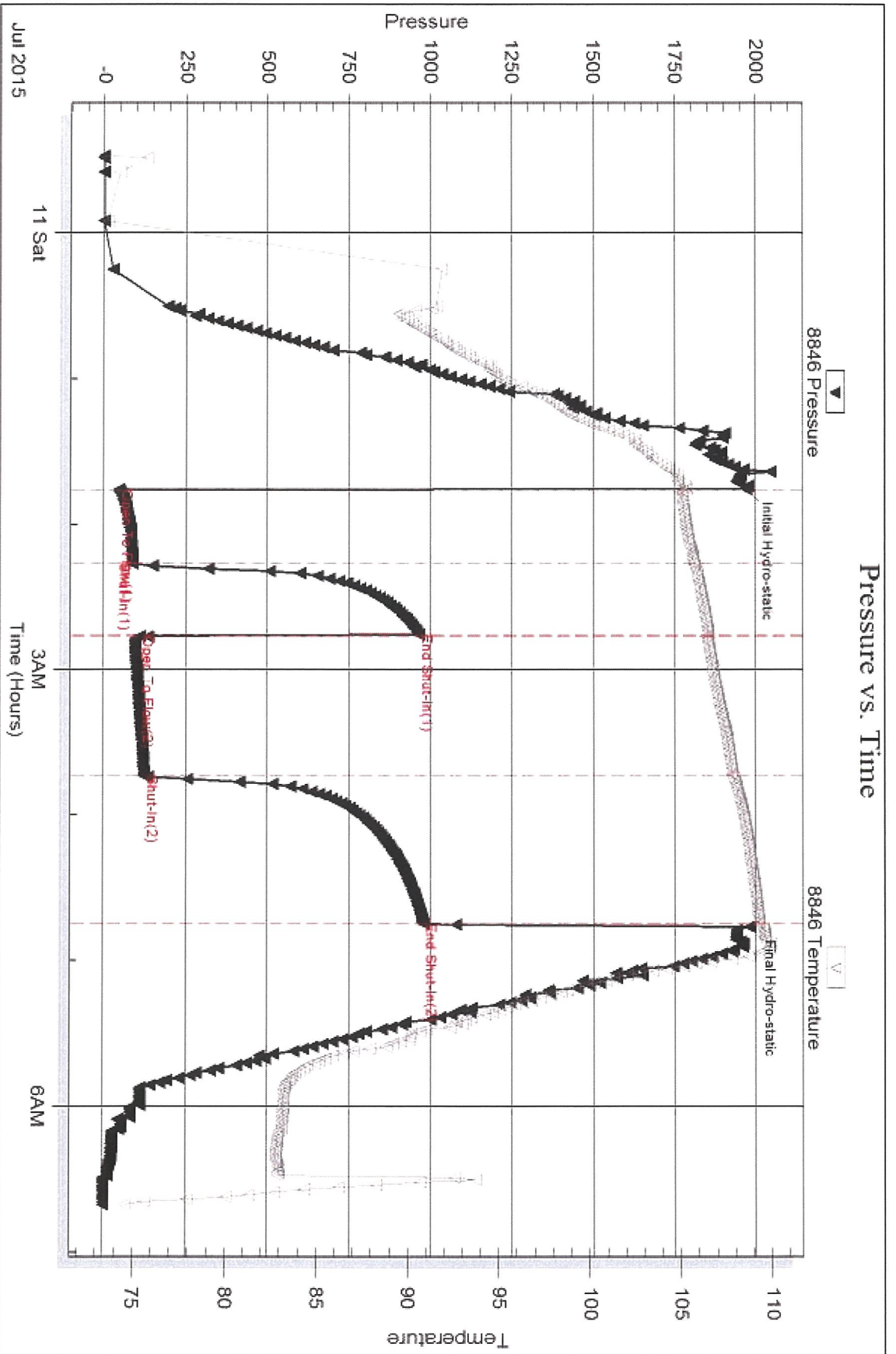
Serial #: 8846

Inside

Palomino Petroleum

Pickett #1

OST Test Number: 1

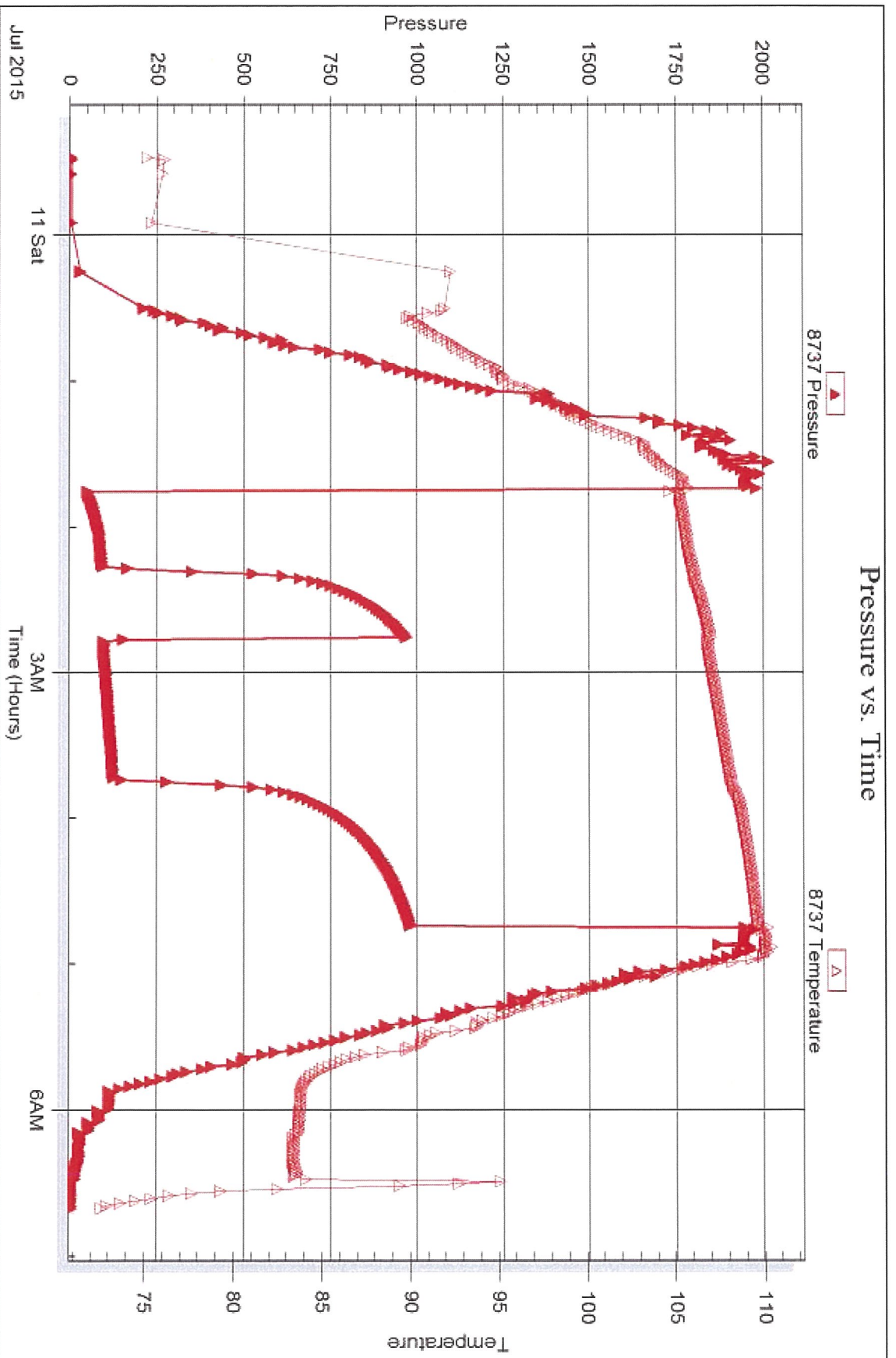


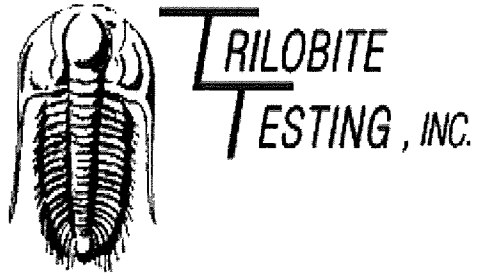
Serial #: 8737

Outside Palomino Petroleum

Pickett #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Pickett #1**

**3-20s-34w Scott,KS**

Start Date: 2015.07.11 @ 14:06:15

End Date: 2015.07.11 @ 19:48:00

Job Ticket #: 61438                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:34:53

Palomino Petroleum  
3-20s-34w Scott,KS  
Pickett #1  
DST # 2  
LKC J  
2015.07.11



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61438

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2015.07.11 @ 14:06:15

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:45

Time Test Ended: 19:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4237.00 ft (KB) To 4278.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4278.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846**

Inside

Press@RunDepth: 172.55 psig @ 4239.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.11

End Date: 2015.07.11

Last Calib.: 2015.07.11

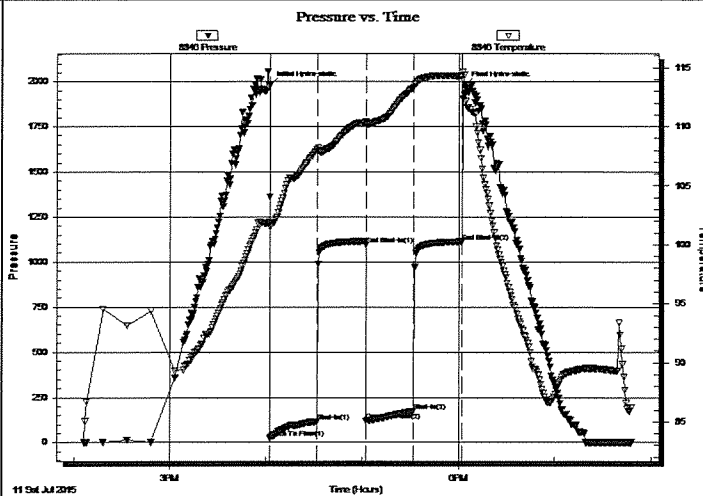
Start Time: 14:06:15

End Time: 19:48:00

Time On Btm: 2015.07.11 @ 16:02:15

Time Off Btm: 2015.07.11 @ 18:03:45

TEST COMMENT: IF:BOB in 26 min.  
IS:No return blow  
FF:BOB in 26 min.  
FS:No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1982.53         | 101.89       | Initial Hydro-static |
| 1           | 24.30           | 101.54       | Open To Flow (1)     |
| 30          | 114.76          | 108.06       | Shut-In(1)           |
| 60          | 1095.37         | 110.37       | End Shut-In(1)       |
| 60          | 118.33          | 110.16       | Open To Flow (2)     |
| 90          | 172.55          | 113.36       | Shut-In(2)           |
| 120         | 1113.33         | 114.25       | End Shut-In(2)       |
| 122         | 1981.96         | 112.82       | Final Hydro-static   |

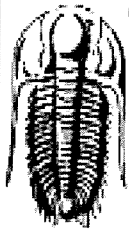
## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | w cm 10%w 90%m | 0.59         |
| 216.00      | mud 100%m      | 3.03         |
|             |                |              |
|             |                |              |
|             |                |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61438

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2015.07.11 @ 14:06:15

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:45

Time Test Ended: 19:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4237.00 ft (KB) To 4278.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4278.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8737**

**Outside**

Press@RunDepth: psig @ 4239.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.11

End Date: 2015.07.11

Last Calib.: 2015.07.11

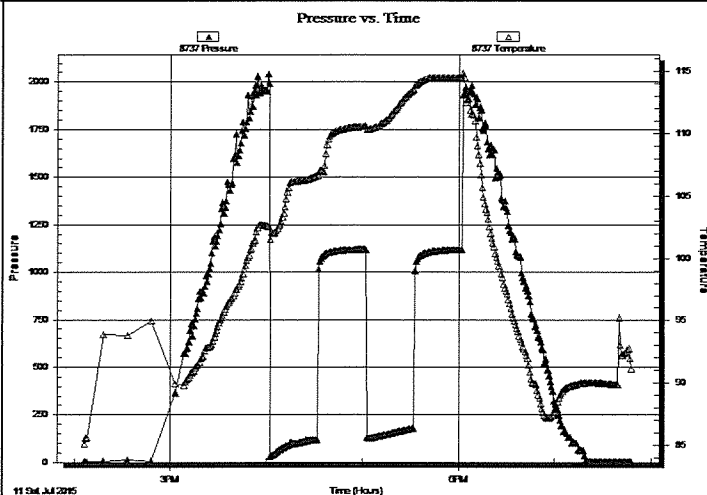
Start Time: 14:06:15

End Time: 19:48:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:BOB in 26 min.  
IS:No return blow  
FF:BOB in 26 min.  
FS:No return blow



## PRESSURE SUMMARY

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

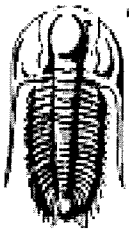
## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | w cm 10%w 90%m | 0.59         |
| 216.00      | mud 100%m      | 3.03         |
|             |                |              |
|             |                |              |
|             |                |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61438

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2015.07.11 @ 14:06:15

### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4109.00 ft | Diameter: 3.80 inches | Volume: 57.64 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 58.23 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 20.00 ft           |                       |                                | String Weight: Initial 55000.00 lb |
| Depth to Top Packer:      | 4237.00 ft         |                       |                                | Final 56000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 41.00 ft           |                       |                                |                                    |
| Tool Length:              | 69.00 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        |            |          | 4210.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4215.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4220.00    |                               |
| Jars             | 5.00        |            |          | 4225.00    |                               |
| Safety Joint     | 3.00        |            |          | 4228.00    |                               |
| Packer           | 5.00        |            |          | 4233.00    | 28.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4237.00    |                               |
| Stubb            | 1.00        |            |          | 4238.00    |                               |
| Perforations     | 1.00        |            |          | 4239.00    |                               |
| Recorder         | 0.00        | 8846       | Inside   | 4239.00    |                               |
| Recorder         | 0.00        | 8737       | Outside  | 4239.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4240.00    |                               |
| Drill Pipe       | 32.00       |            |          | 4272.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4273.00    |                               |
| Bullnose         | 5.00        |            |          | 4278.00    | 41.00 Bottom Packers & Anchor |

**Total Tool Length: 69.00**



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61438

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2015.07.11 @ 14:06:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.61 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description    | Volume<br>bbl |
|--------------|----------------|---------------|
| 120.00       | w cm 10%w 90%m | 0.590         |
| 216.00       | mud 100%m      | 3.030         |

Total Length: 336.00 ft      Total Volume: 3.620 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .36@99.8\*=14,000 ppm



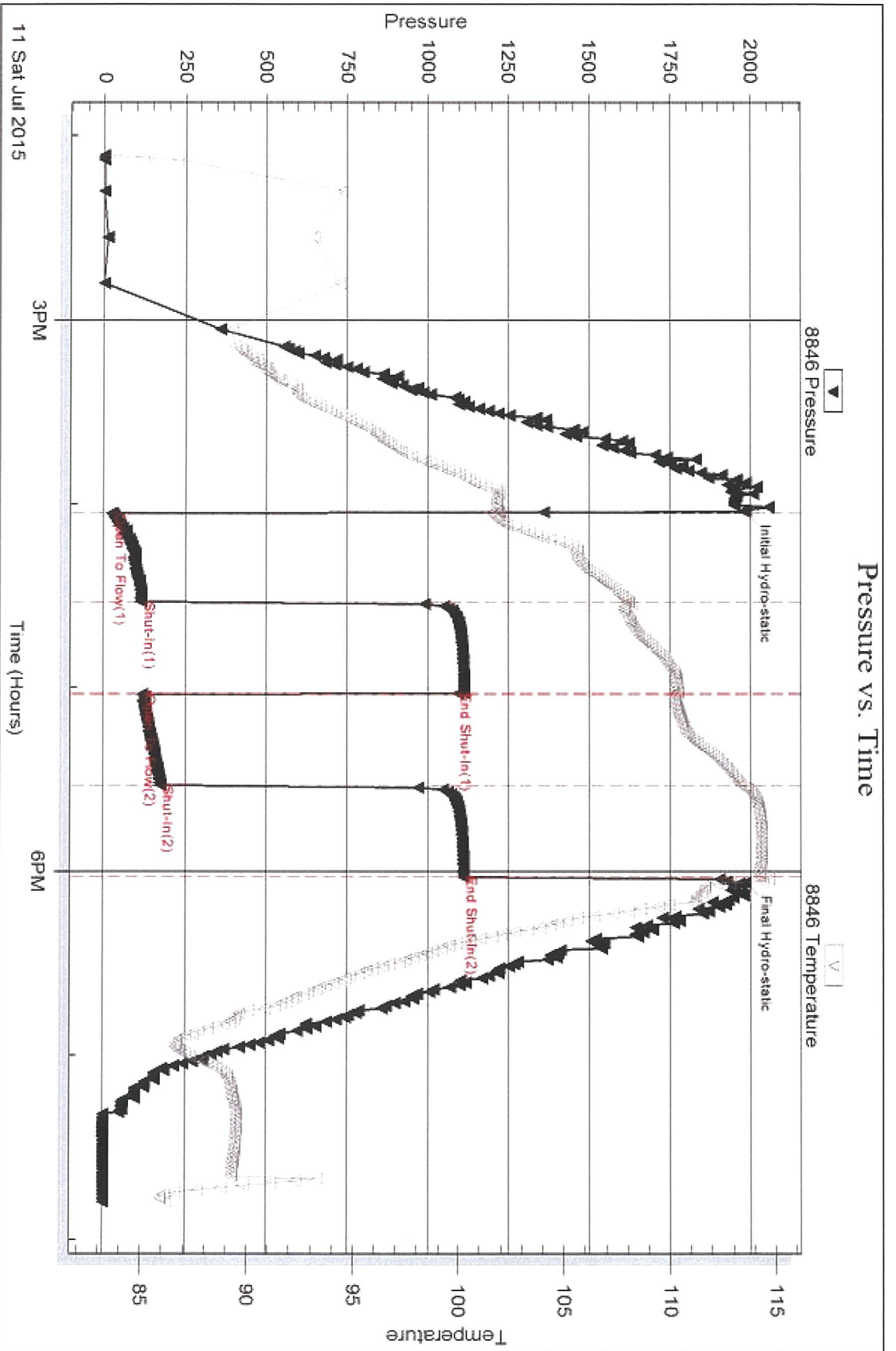
Serial #: 8846

Inside

Palomino Petroleum

Pickett #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 61438

Printed: 2015.07.16 @ 09:34:54

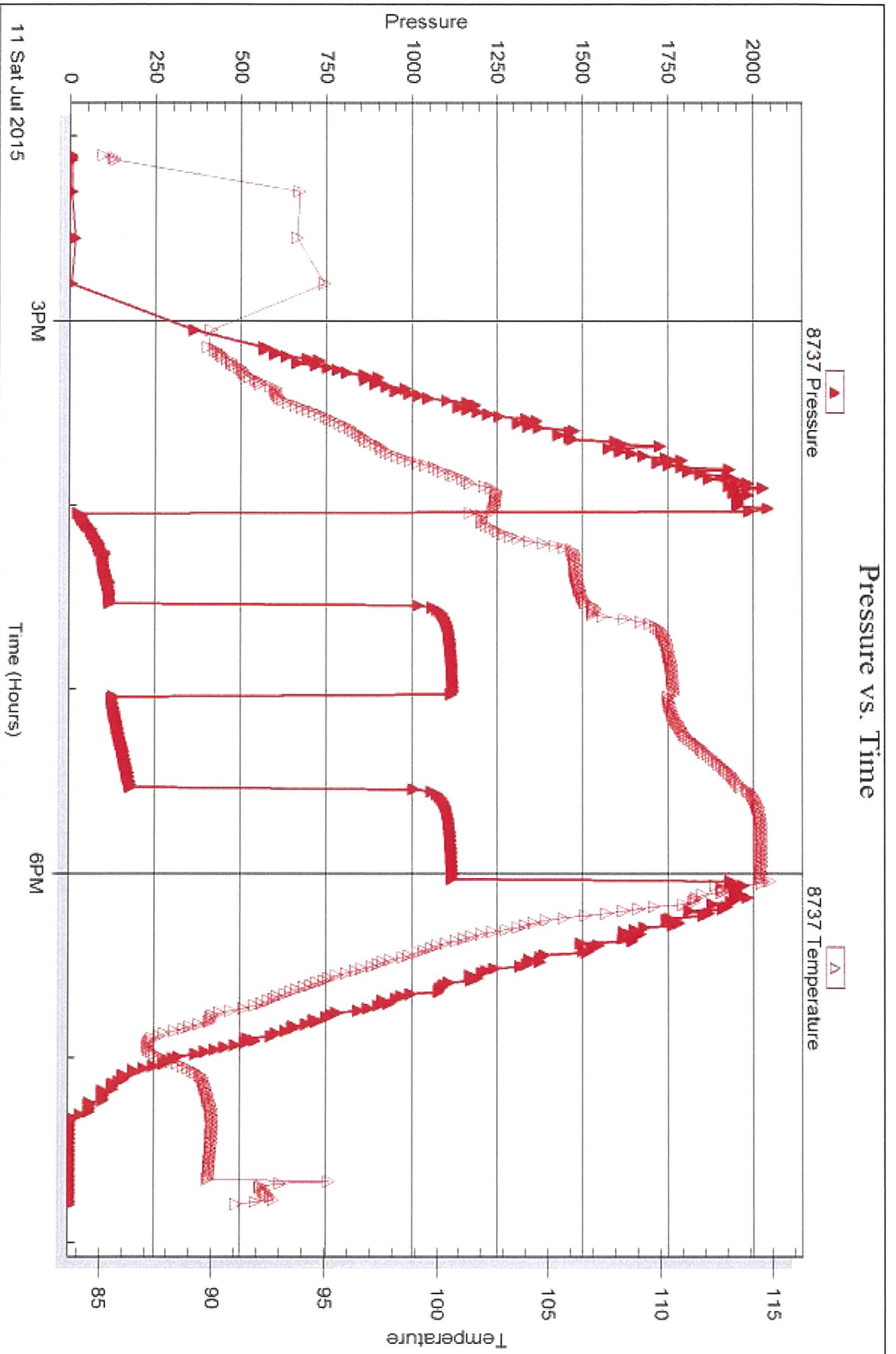
Serial #: 8737

Outside

Palomino Petroleum

Picket #1

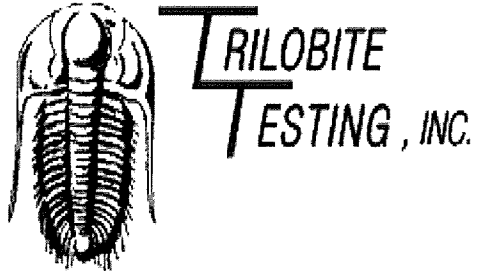
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 61438

Printed: 2015.07.16 @ 09:34:54



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Pickett #1**

**3-20s-34w Scott,KS**

Start Date: 2015.07.12 @ 04:51:15

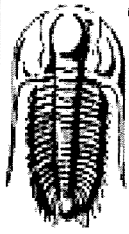
End Date: 2015.07.12 @ 10:44:15

Job Ticket #: 61439                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:34:32

Palomino Petroleum  
3-20s-34w Scott,KS  
Pickett #1  
DST # 3  
LKC K  
2015.07.12



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61439

**DST#: 3**

ATTN: Andrew Stenzel

Test Start: 2015.07.12 @ 04:51:15

## GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:57:30

Time Test Ended: 10:44:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4277.00 ft (KB) To 4342.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4342.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846**

Inside

Press@RunDepth: 289.90 psig @ 4279.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.12

End Date:

2015.07.12

Last Calib.: 2015.07.12

Start Time: 04:51:15

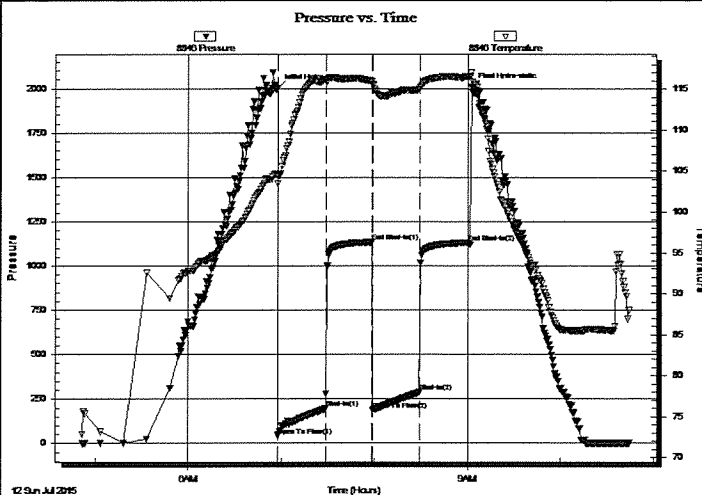
End Time:

10:44:15

Time On Btm: 2015.07.12 @ 06:57:15

Time Off Btm: 2015.07.12 @ 09:02:30

TEST COMMENT: IF:BOB in 11 min.  
IS:No return blow  
FF:BOB in 14 min.  
FS:No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2005.02         | 104.64       | Initial Hydro-static |
| 1           | 43.15           | 103.51       | Open To Flow (1)     |
| 32          | 196.37          | 116.06       | Shut-In(1)           |
| 61          | 1134.05         | 115.91       | End Shut-In(1)       |
| 62          | 187.68          | 115.66       | Open To Flow (2)     |
| 92          | 289.90          | 115.06       | Shut-In(2)           |
| 123         | 1131.15         | 116.55       | End Shut-In(2)       |
| 126         | 2007.74         | 117.05       | Final Hydro-static   |

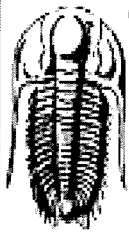
## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | mcw 20%m 80%w  | 0.59         |
| 186.00      | w cm 10%w 90%m | 2.61         |
| 186.00      | mud 100%m      | 2.61         |
|             |                |              |
|             |                |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84th St  
 Newton KS 67114  
 ATTN: Andrew Stenzel

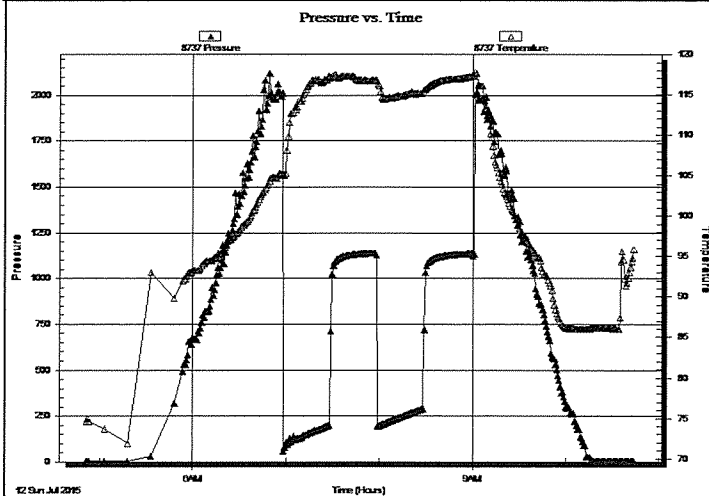
**3-20s-34w Scott,KS**  
**Pickett #1**  
 Job Ticket: 61439 **DST#: 3**  
 Test Start: 2015.07.12 @ 04:51:15

**GENERAL INFORMATION:**

Formation: **LKC K**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 06:57:30 Tester: Mike Roberts  
 Time Test Ended: 10:44:15 Unit No: 65  
 Interval: **4277.00 ft (KB) To 4342.00 ft (KB) (TVD)** Reference Elevations: 3034.00 ft (KB)  
 Total Depth: 4342.00 ft (KB) (TVD) 3029.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

**Serial #: 8737 Outside**  
 Press@RunDepth: psig @ 4279.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.07.12 End Date: 2015.07.12 Last Calib.: 2015.07.12  
 Start Time: 04:51:15 End Time: 10:44:15 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF:BOB in 11 min.  
 IS:No return blow  
 FF:BOB in 14 min.  
 FS:No return blow



**PRESSURE SUMMARY**

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

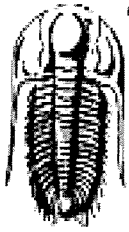
**Recovery**

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 120.00      | mcw 20%m 80%w  | 0.59         |
| 186.00      | w cm 10%w 90%m | 2.61         |
| 186.00      | mud 100%m      | 2.61         |
|             |                |              |
|             |                |              |
|             |                |              |

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61439

**DST#: 3**

ATTN: Andrew Stenzel

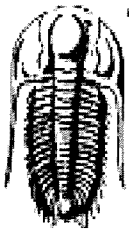
Test Start: 2015.07.12 @ 04:51:15

### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4141.00 ft | Diameter: 3.80 inches | Volume: 58.09 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 58.68 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 12.00 ft           |                       |                                | String Weight: Initial 60000.00 lb |
| Depth to Top Packer:      | 4277.00 ft         |                       |                                | Final 60000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 65.00 ft           |                       |                                |                                    |
| Tool Length:              | 93.00 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         |            |          | 4250.00    |                               |
| Shut In Tool              | 5.00         |            |          | 4255.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 4260.00    |                               |
| Jars                      | 5.00         |            |          | 4265.00    |                               |
| Safety Joint              | 3.00         |            |          | 4268.00    |                               |
| Packer                    | 5.00         |            |          | 4273.00    | 28.00 Bottom Of Top Packer    |
| Packer                    | 4.00         |            |          | 4277.00    |                               |
| Stubb                     | 1.00         |            |          | 4278.00    |                               |
| Perforations              | 1.00         |            |          | 4279.00    |                               |
| Recorder                  | 0.00         | 8846       | Inside   | 4279.00    |                               |
| Recorder                  | 0.00         | 8737       | Outside  | 4279.00    |                               |
| Change Over Sub           | 1.00         |            |          | 4280.00    |                               |
| Drill Pipe                | 32.00        |            |          | 4312.00    |                               |
| Change Over Sub           | 1.00         |            |          | 4313.00    |                               |
| Perforations              | 24.00        |            |          | 4337.00    |                               |
| Bullnose                  | 5.00         |            |          | 4342.00    | 65.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>93.00</b> |            |          |            |                               |



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61439

**DST#: 3**

ATTN: Andrew Stenzel

Test Start: 2015.07.12 @ 04:51:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

21000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.63 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description    | Volume<br>bbf |
|--------------|----------------|---------------|
| 120.00       | mcw 20%m 80%w  | 0.590         |
| 186.00       | w cm 10%w 90%m | 2.609         |
| 186.00       | mud 100%m      | 2.609         |

Total Length: 492.00 ft

Total Volume: 5.808 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .32@85.1=21,000 ppm

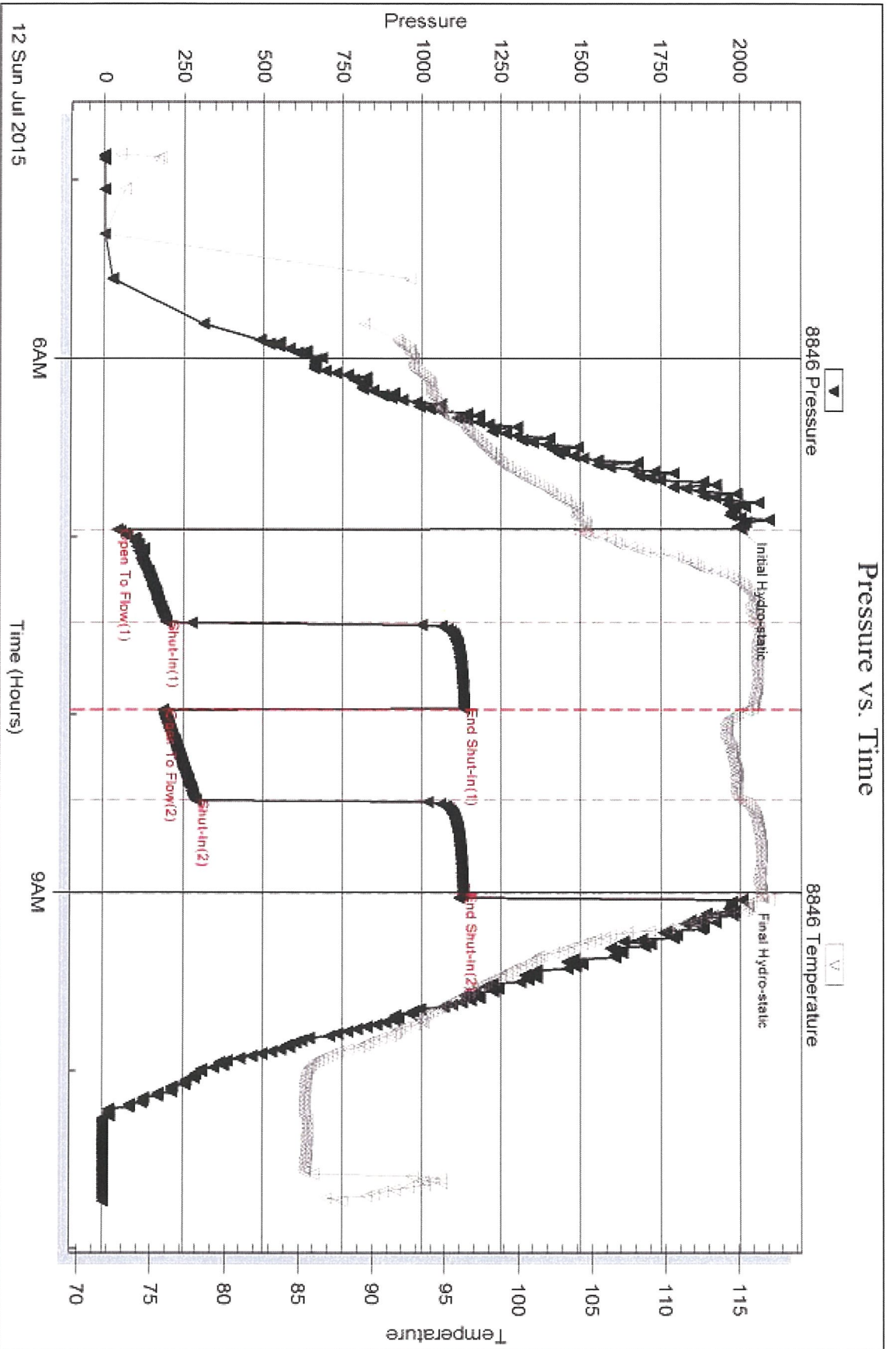
Serial #: 8846

Inside

Palomino Petroleum

Pickett #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 61439

Printed: 2015.07.16 @ 09:34:33



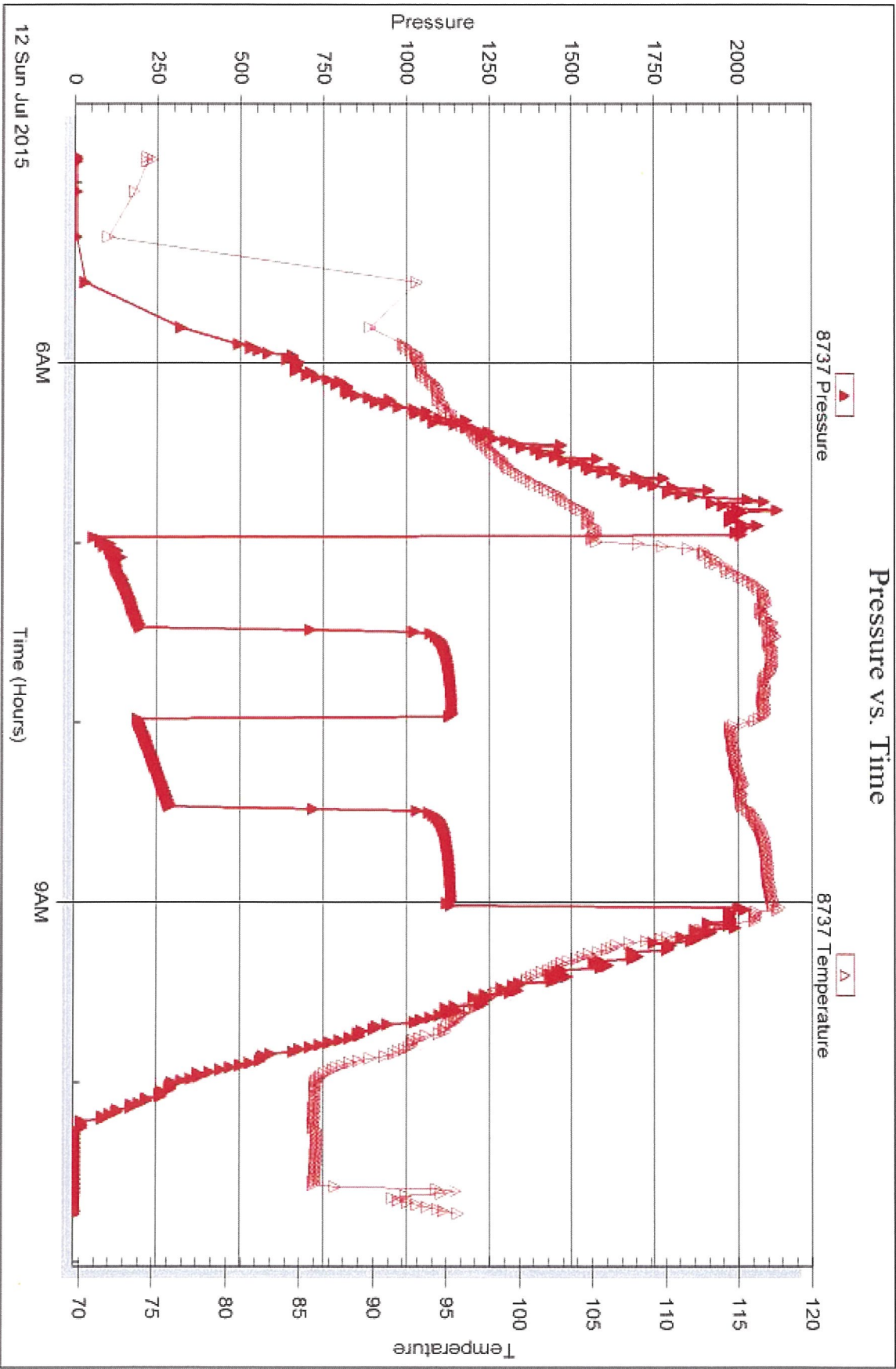
Serial #: 8737

Outside

Palomino Petroleum

Pickett #1

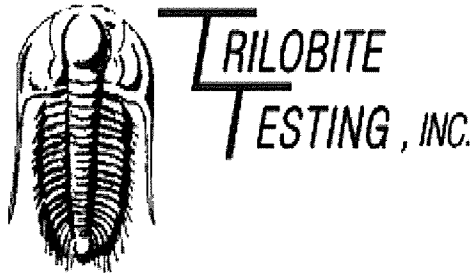
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 61439

Printed: 2015.07.16 @ 09:34:33



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Pickett #1**

**3-20s-34w Scott,KS**

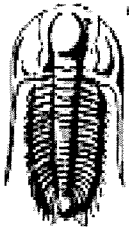
Start Date: 2015.07.13 @ 02:12:15

End Date: 2015.07.13 @ 07:57:15

Job Ticket #: 61440                      DST #: 4

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:34:05



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61440

**DST#: 4**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 02:12:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:10:15

Time Test Ended: 07:57:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4416.00 ft (KB) To 4527.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4239.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846**

**Inside**

Press@RunDepth: 1181.14 psig @ 4425.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.13

End Date: 2015.07.13

Last Calib.: 2015.07.14

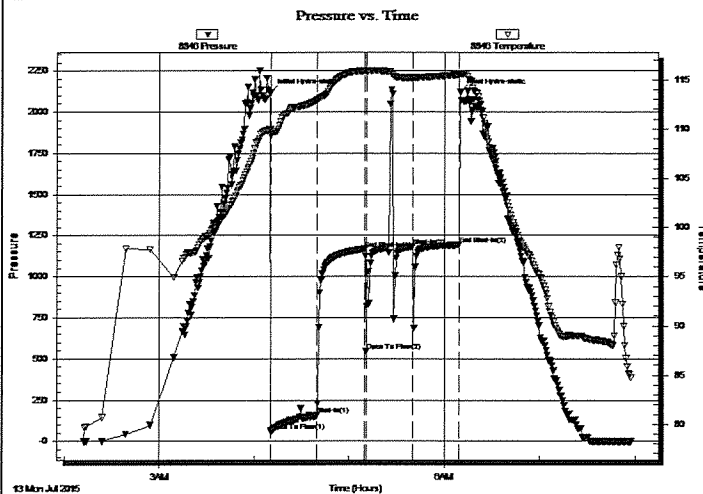
Start Time: 02:12:15

End Time: 07:57:15

Time On Btm: 2015.07.13 @ 04:10:00

Time Off Btm: 2015.07.13 @ 06:10:00

TEST COMMENT: IF: Built to 9" blow  
IS: No return blow  
FF: No blow --- flushed tool-- weak surface blow that died in 1 min  
FS: No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2114.93         | 109.98       | Initial Hydro-static |
| 1           | 58.73           | 109.37       | Open To Flow (1)     |
| 30          | 157.31          | 112.95       | Shut-In(1)           |
| 60          | 1167.33         | 115.93       | End Shut-In(1)       |
| 61          | 547.39          | 115.86       | Open To Flow (2)     |
| 90          | 1181.14         | 115.23       | Shut-In(2)           |
| 120         | 1192.89         | 115.56       | End Shut-In(2)       |
| 120         | 2120.10         | 115.66       | Final Hydro-static   |

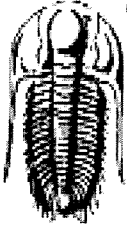
## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 274.00      | mud 100%m   | 2.75         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61440

**DST#: 4**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 02:12:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:10:15

Time Test Ended: 07:57:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4416.00 ft (KB) To 4527.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4239.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8737 Outside**

Press@RunDepth: psig @ 4425.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.13 End Date: 2015.07.13

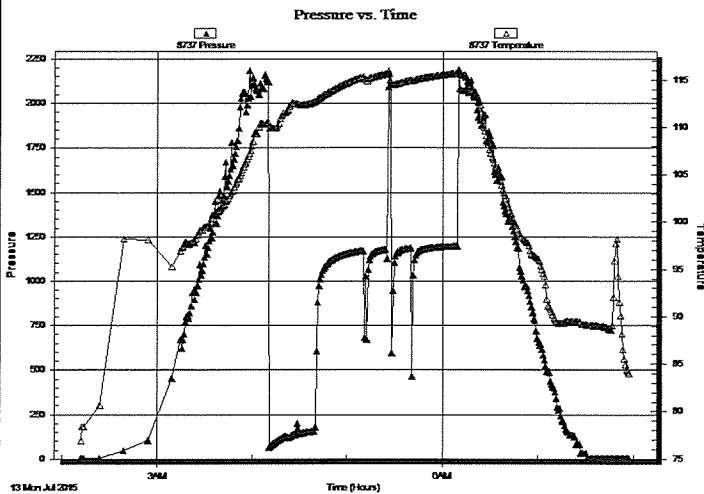
Last Calib.: 2015.07.14

Start Time: 02:12:15 End Time: 07:57:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to 9" blow  
IS:No return blow  
FF:No blow ---flushed tool-- w eak surface blow that died in 1 min  
FS:No return blow



## PRESSURE SUMMARY

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

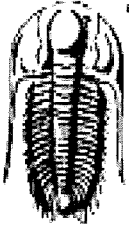
## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 274.00      | mud 100%m   | 2.75         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61440

**DST#: 4**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 02:12:15

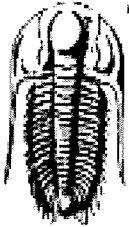
### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4300.00 ft | Diameter: 3.80 inches | Volume: 60.32 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 60.91 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 32.00 ft           |                       |                                | String Weight: Initial 60000.00 lb |
| Depth to Top Packer:      | 4416.00 ft         |                       |                                | Final 60000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 111.00 ft          |                       |                                |                                    |
| Tool Length:              | 139.00 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        |            |          | 4389.00    |                                |
| Shut In Tool     | 5.00        |            |          | 4394.00    |                                |
| Hydraulic tool   | 5.00        |            |          | 4399.00    |                                |
| Jars             | 5.00        |            |          | 4404.00    |                                |
| Safety Joint     | 3.00        |            |          | 4407.00    |                                |
| Packer           | 5.00        |            |          | 4412.00    | 28.00 Bottom Of Top Packer     |
| Packer           | 4.00        |            |          | 4416.00    |                                |
| Stubb            | 1.00        |            |          | 4417.00    |                                |
| Perforations     | 8.00        |            |          | 4425.00    |                                |
| Recorder         | 0.00        | 8846       | Inside   | 4425.00    |                                |
| Recorder         | 0.00        | 8737       | Outside  | 4425.00    |                                |
| Change Over Sub  | 1.00        |            |          | 4426.00    |                                |
| Drill Pipe       | 95.00       |            |          | 4521.00    |                                |
| Change Over Sub  | 1.00        |            |          | 4522.00    |                                |
| Bullnose         | 5.00        |            |          | 4527.00    | 111.00 Bottom Packers & Anchor |

**Total Tool Length: 139.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61440

**DST#: 4**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 02:12:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.93 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 274.00       | mud 100%m   | 2.750         |

Total Length: 274.00 ft

Total Volume: 2.750 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

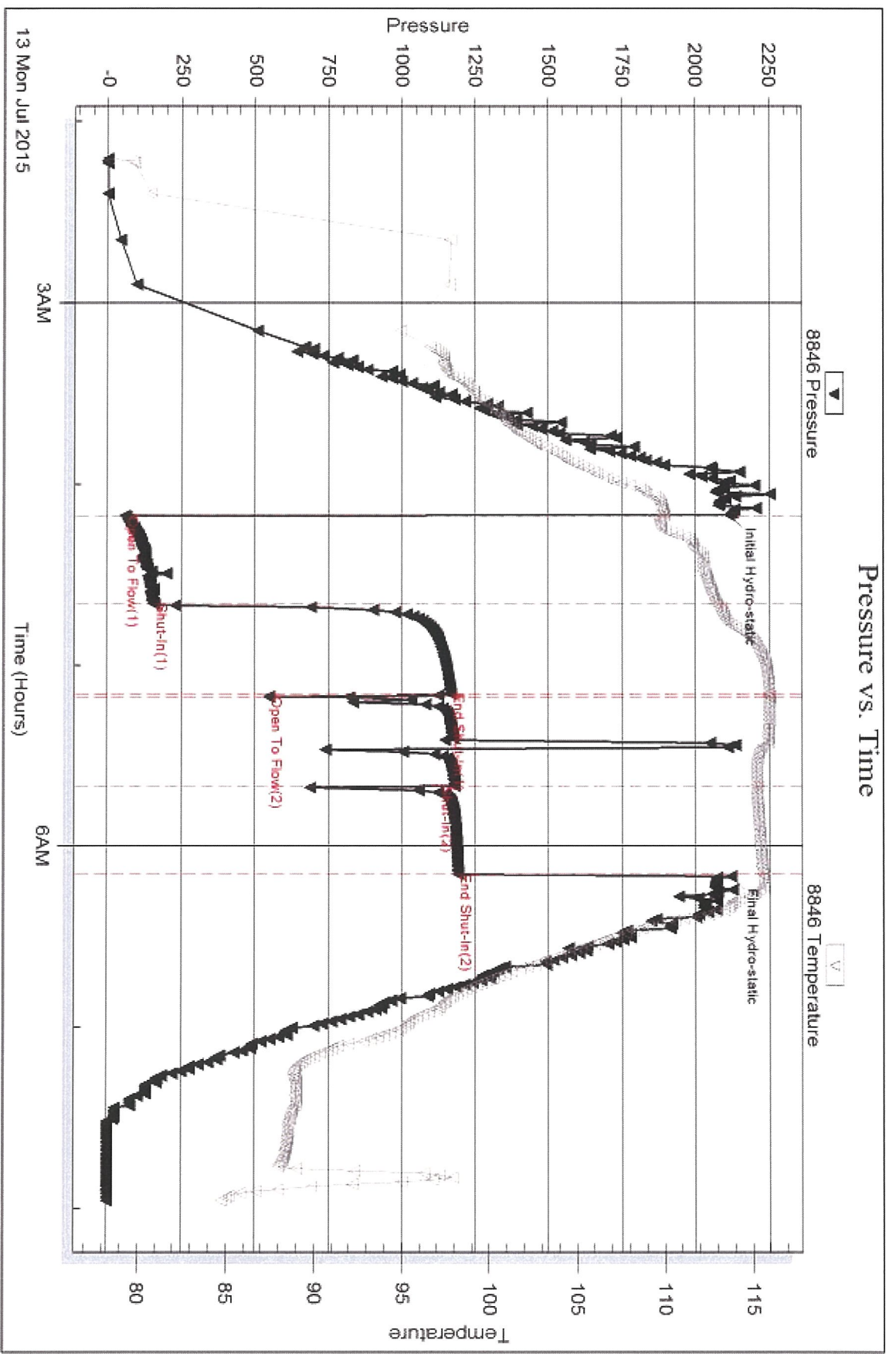
Serial #: 8846

Inside

Palomino Petroleum

Picket #1

DST Test Number: 4



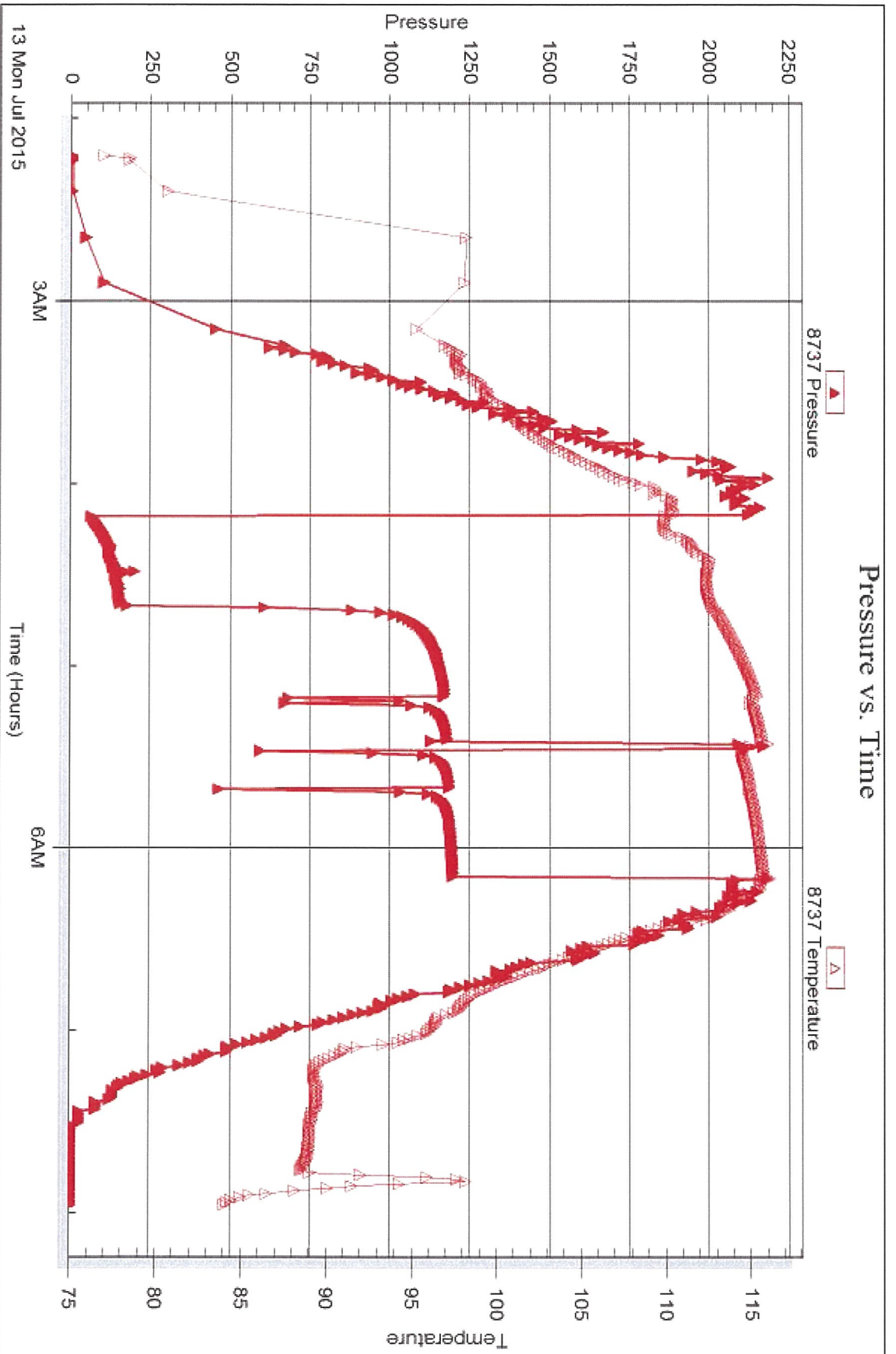
Serial #: 8737

Outside

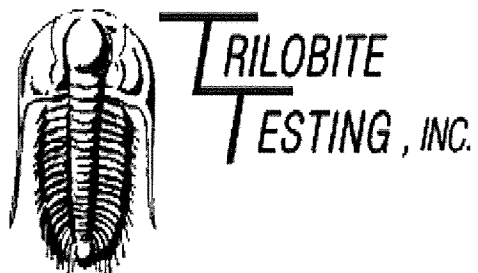
Palomino Petroleum

Picket #1

DST Test Number: 4







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

### **Pickett #1**

### **3-20s-34w Scott,KS**

Start Date: 2015.07.13 @ 19:13:15

End Date: 2015.07.14 @ 00:51:30

Job Ticket #: 61441                      DST #: 5

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:33:27

Palomino Petroleum

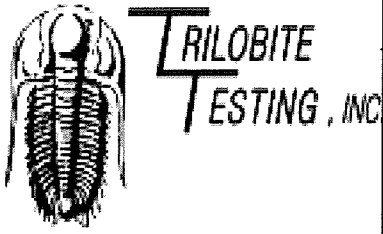
3-20s-34w Scott,KS

Pickett #1

DST # 5

Pawnee-Ft Scott

2015.07.13



# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61441

**DST#: 5**

ATTN: Andrew Stenzel

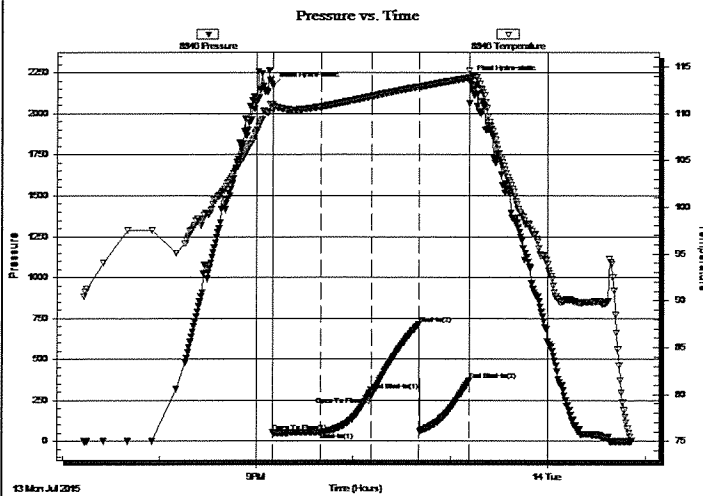
Test Start: 2015.07.13 @ 19:13:15

## GENERAL INFORMATION:

Formation: **Pawnee-Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:10:30  
 Time Test Ended: 00:51:30  
 Interval: **4522.00 ft (KB) To 4610.00 ft (KB) (TVD)**  
 Total Depth: 4610.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 3034.00 ft (KB)  
 3029.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8846** Inside  
 Press@RunDepth: 710.98 psig @ 4525.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.07.13 End Date: 2015.07.14 Last Calib.: 2015.07.14  
 Start Time: 19:13:15 End Time: 00:51:30 Time On Btm: 2015.07.13 @ 21:10:15  
 Time Off Btm: 2015.07.13 @ 23:12:15

TEST COMMENT: IF:Built to weak surface blow  
 IS:No return blow  
 FF:No blow  
 FS:No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2170.51         | 110.97       | Initial Hydro-static |
| 1           | 53.67           | 110.38       | Open To Flow (1)     |
| 30          | 55.09           | 110.72       | Shut-In(1)           |
| 61          | 309.74          | 111.83       | End Shut-In(1)       |
| 61          | 274.03          | 111.82       | Open To Flow (2)     |
| 90          | 710.98          | 112.86       | Shut-In(2)           |
| 122         | 370.29          | 113.82       | End Shut-In(2)       |
| 122         | 2208.90         | 113.79       | Final Hydro-static   |

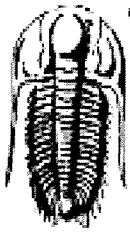
## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00        | mud 100%m   | 0.01         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61441

**DST#: 5**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 19:13:15

**GENERAL INFORMATION:**

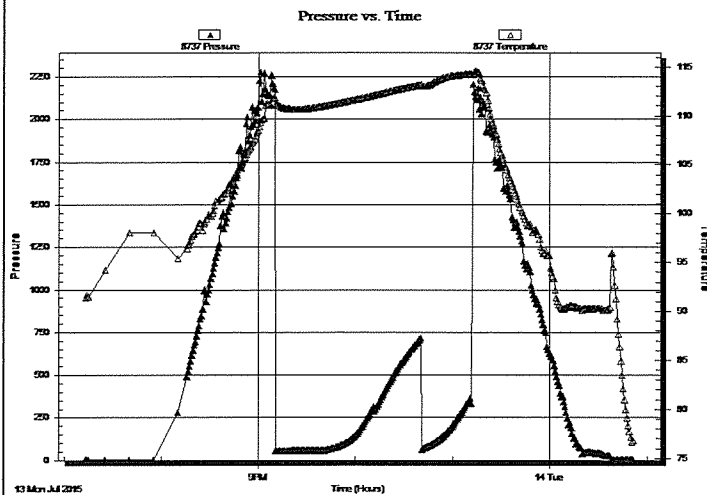
Formation: **Pawnee-Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:10:30  
 Time Test Ended: 00:51:30  
 Interval: **4522.00 ft (KB) To 4610.00 ft (KB) (TVD)**  
 Total Depth: 4610.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 3034.00 ft (KB)  
 3029.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8737**

**Outside**

Press@RunDepth: psig @ 4525.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.07.13 End Date: 2015.07.14 Last Calib.: 2015.07.14  
 Start Time: 19:13:15 End Time: 00:51:45 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF:Built to weak surface blow  
 IS:No return blow  
 FF:No blow  
 FS:No return blow



**PRESSURE SUMMARY**

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

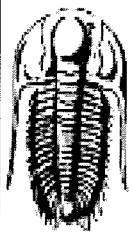
**Recovery**

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00        | mud 100%m   | 0.01         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

3-20s-34w Scott,KS

4924 SE 84th St  
New ton KS 67114

Pickett #1

Job Ticket: 61441

DST#: 5

ATTN: Andrew Stenzel

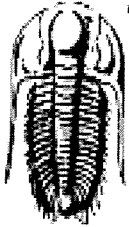
Test Start: 2015.07.13 @ 19:13:15

### Tool Information

|                           |                    |                       |                         |                                    |
|---------------------------|--------------------|-----------------------|-------------------------|------------------------------------|
| Drill Pipe:               | Length: 4395.00 ft | Diameter: 3.80 inches | Volume: 61.65 bbl       | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl        | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl        | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | Total Volume: 62.24 bbl | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 21.00 ft           |                       |                         | String Weight: Initial 62000.00 lb |
| Depth to Top Packer:      | 4522.00 ft         |                       |                         | Final 62000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                         |                                    |
| Interval between Packers: | 88.00 ft           |                       |                         |                                    |
| Tool Length:              | 116.00 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          |            |          | 4495.00    |                               |
| Shut In Tool              | 5.00          |            |          | 4500.00    |                               |
| Hydraulic tool            | 5.00          |            |          | 4505.00    |                               |
| Jars                      | 5.00          |            |          | 4510.00    |                               |
| Safety Joint              | 3.00          |            |          | 4513.00    |                               |
| Packer                    | 5.00          |            |          | 4518.00    | 28.00 Bottom Of Top Packer    |
| Packer                    | 4.00          |            |          | 4522.00    |                               |
| Stubb                     | 1.00          |            |          | 4523.00    |                               |
| Perforations              | 2.00          |            |          | 4525.00    |                               |
| Recorder                  | 0.00          | 8846       | Inside   | 4525.00    |                               |
| Recorder                  | 0.00          | 8737       | Outside  | 4525.00    |                               |
| Change Over Sub           | 1.00          |            |          | 4526.00    |                               |
| Drill Pipe                | 63.00         |            |          | 4589.00    |                               |
| Change Over Sub           | 1.00          |            |          | 4590.00    |                               |
| Perforations              | 15.00         |            |          | 4605.00    |                               |
| Bullnose                  | 5.00          |            |          | 4610.00    | 88.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>116.00</b> |            |          |            |                               |



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61441

**DST#: 5**

ATTN: Andrew Stenzel

Test Start: 2015.07.13 @ 19:13:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3850.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description           | Volume<br>bbl |
|--------------|-----------------------|---------------|
| 2.00         | mud 100% <sub>m</sub> | 0.010         |

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

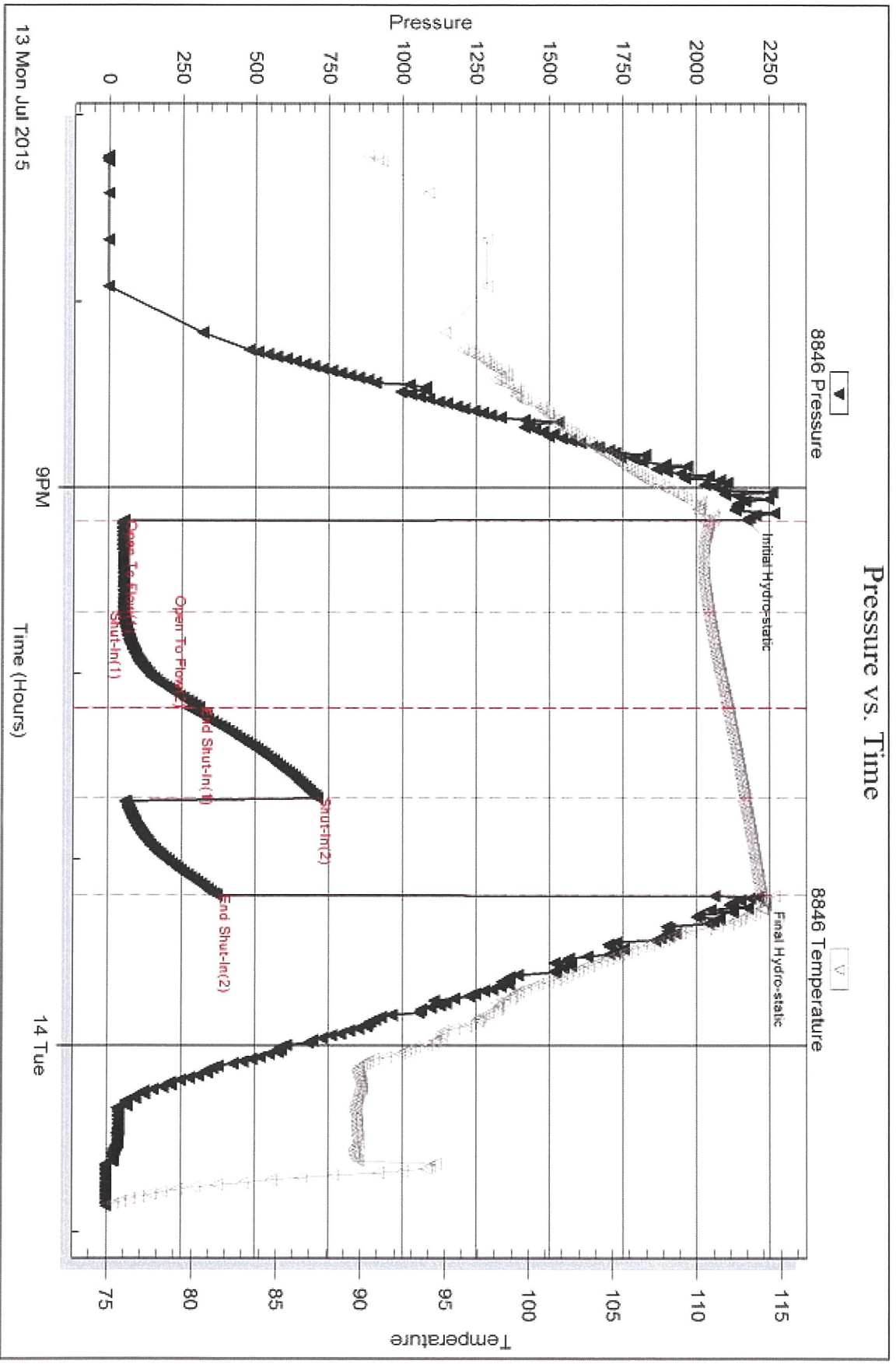
Serial #: 8846

Inside

Palominio Petroleum

Pickett #1

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 61441

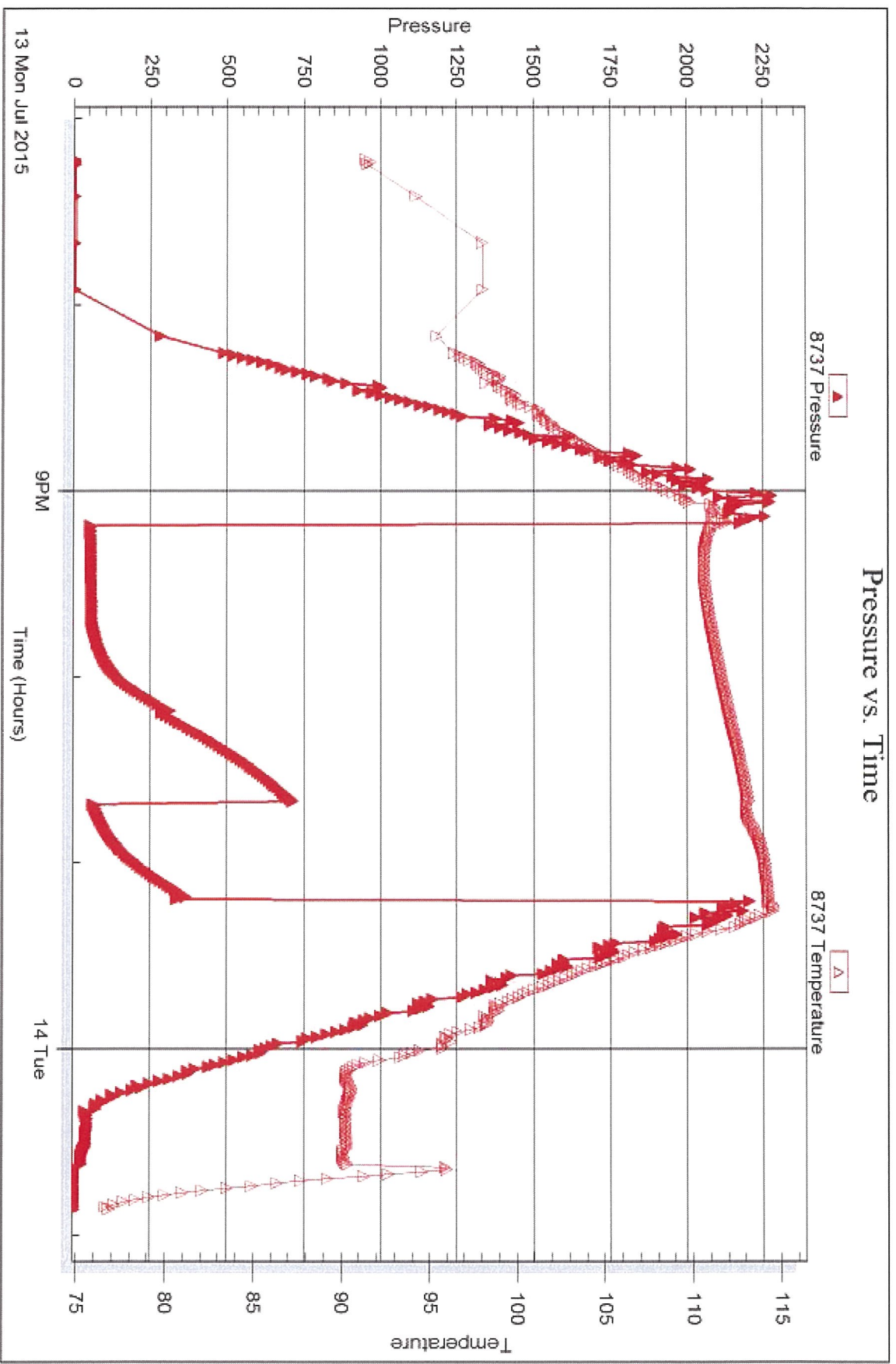
Printed: 2015.07.16 @ 09:33:28

Serial #: 8737

Outside Palomino Petroleum

Pickett #1

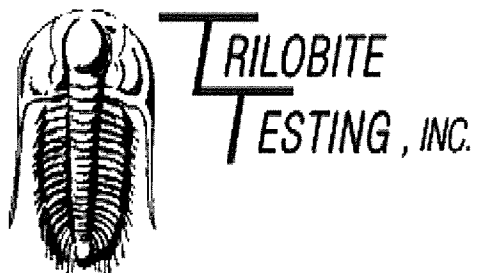
DST Test Number: 5



Triobite Testing, Inc

Ref. No: 61441

Printed: 2015.07.16 @ 09:33:28



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Pickett #1**

**3-20s-34w Scott,KS**

Start Date: 2015.07.15 @ 19:44:15

End Date: 2015.07.16 @ 03:26:00

Job Ticket #: 61442                      DST #: 6

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.07.16 @ 09:33:12

Palomino Petroleum

3-20s-34w Scott,KS

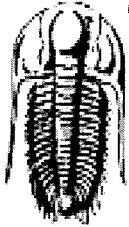
Pickett #1

DST # 6

Marmaton

2015.07.15





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61442

**DST#: 6**

ATTN: Andrew Stenzel

Test Start: 2015.07.15 @ 19:44:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:03:00

Time Test Ended: 03:26:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4447.00 ft (KB) To 4518.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4518.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846** Inside

Press@RunDepth: 212.34 psig @ 4451.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.15 End Date: 2015.07.16

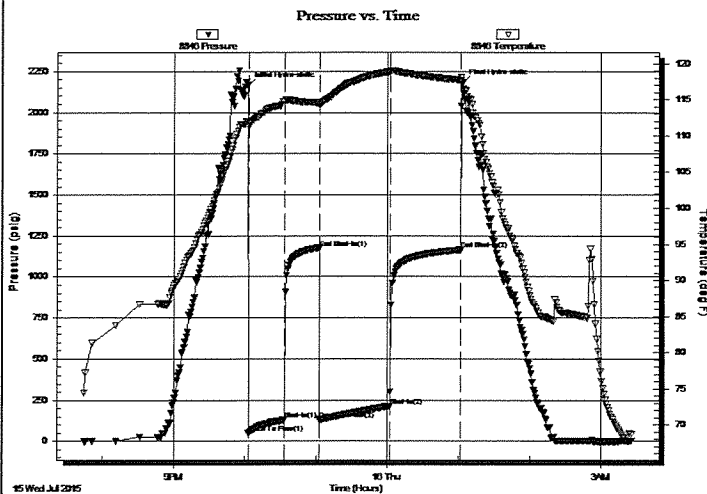
Last Calib.: 2015.07.16

Start Time: 19:44:15 End Time: 03:26:00

Time On Btm: 2015.07.15 @ 22:02:45

Time Off Btm: 2015.07.16 @ 01:03:15

TEST COMMENT: IF:Built to 9 1/2" blow  
IS:No return blow  
FF:BOB in 34 min.  
FS:No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2160.16         | 111.96       | Initial Hydro-static |
| 1           | 47.56           | 111.14       | Open To Flow (1)     |
| 31          | 131.74          | 114.81       | Shut-In(1)           |
| 60          | 1172.16         | 114.57       | End Shut-In(1)       |
| 61          | 132.38          | 114.18       | Open To Flow (2)     |
| 120         | 212.34          | 118.90       | Shut-In(2)           |
| 180         | 1164.44         | 117.73       | End Shut-In(2)       |
| 181         | 2177.12         | 117.47       | Final Hydro-static   |

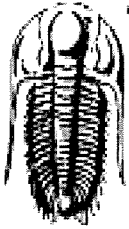
## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 120.00      | mcw 40%m 60%w | 0.59         |
| 258.00      | mud 100%m     | 3.62         |
|             |               |              |
|             |               |              |
|             |               |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114  
ATTN: Andrew Stenzel

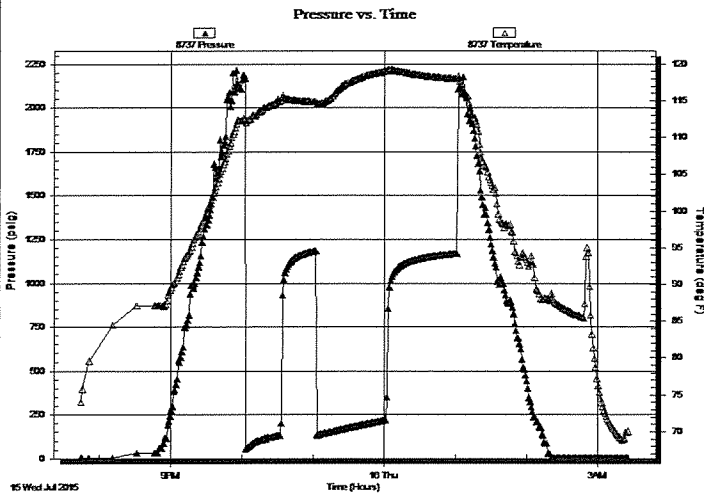
**3-20s-34w Scott, KS**  
**Pickett #1**  
Job Ticket: 61442      **DST#: 6**  
Test Start: 2015.07.15 @ 19:44:15

**GENERAL INFORMATION:**

Formation: **Marmaton**  
Deviated: No    Whipstock:                      ft (KB)                      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 22:03:00                      Tester: Mike Roberts  
Time Test Ended: 03:26:00                      Unit No: 65  
  
Interval: **4447.00 ft (KB) To 4518.00 ft (KB) (TVD)**                      Reference Elevations: 3034.00 ft (KB)  
Total Depth: 4518.00 ft (KB) (TVD)                      3029.00 ft (CF)  
Hole Diameter: 7.88 inches    Hole Condition: Fair                      KB to GR/CF: 5.00 ft

**Serial #: 8737**                      **Outside**  
Press@RunDepth:                      psig @ 4451.00 ft (KB)                      Capacity: 8000.00 psig  
Start Date: 2015.07.15                      End Date: 2015.07.16                      Last Calib.: 2015.07.16  
Start Time: 19:44:15                      End Time: 03:26:00                      Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF: Built to 9 1/2" blow  
IS: No return blow  
FF: BOB in 34 min.  
FS: No return blow



**PRESSURE SUMMARY**

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

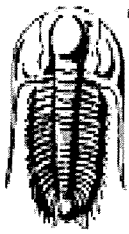
**Recovery**

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 120.00      | mcw 40%m 60%w | 0.59         |
| 258.00      | mud 100%m     | 3.62         |
|             |               |              |
|             |               |              |
|             |               |              |
|             |               |              |

**Gas Rates**

| Choke (inches) | Pressure (psig) | Gas Rate (MMcfd) |
|----------------|-----------------|------------------|
|                |                 |                  |

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-20s-34w Scott,KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61442

**DST#: 6**

ATTN: Andrew Stenzel

Test Start: 2015.07.15 @ 19:44:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:03:00

Time Test Ended: 03:26:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4447.00 ft (KB) To 4518.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4518.00 ft (KB) (TVD)

3029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8646** Below (Straddle)

Press@RunDepth: psig @ 4531.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.15

End Date: 2015.07.16

Last Calib.: 2015.07.16

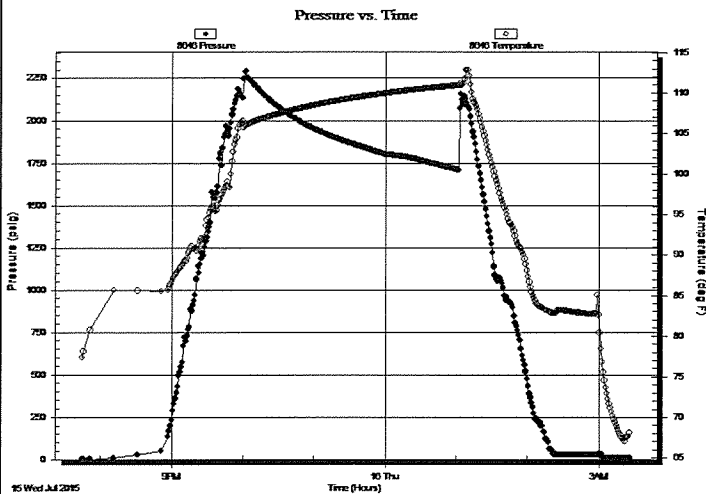
Start Time: 19:44:15

End Time: 03:26:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to 9 1/2" blow  
IS:No return blow  
FF:BOB in 34 min.  
FS:No return blow



## PRESSURE SUMMARY

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

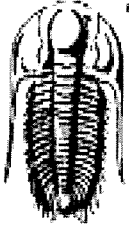
## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 120.00      | mcw 40%m 60%w | 0.59         |
| 258.00      | mud 100%m     | 3.62         |
|             |               |              |
|             |               |              |
|             |               |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61442

**DST#: 6**

ATTN: Andrew Stenzel

Test Start: 2015.07.15 @ 19:44:15

### Tool Information

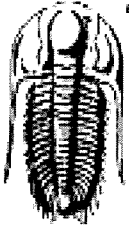
|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4320.00 ft | Diameter: 3.80 inches | Volume: 60.60 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 120.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 90000.00 lb  |
|                           |                    |                       | <u>Total Volume: 61.19 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 21.00 ft           |                       |                                | String Weight: Initial 62000.00 lb |
| Depth to Top Packer:      | 4447.00 ft         |                       |                                | Final 63000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 514.00 ft          |                       |                                |                                    |
| Tool Length:              | 542.00 ft          |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

### Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Change Over Sub  | 1.00        |            |          | 4420.00    |                                    |
| Shut In Tool     | 5.00        |            |          | 4425.00    |                                    |
| Hydraulic tool   | 5.00        |            |          | 4430.00    |                                    |
| Jars             | 5.00        |            |          | 4435.00    |                                    |
| Safety Joint     | 3.00        |            |          | 4438.00    |                                    |
| Packer           | 5.00        |            |          | 4443.00    | 28.00 Bottom Of Top Packer         |
| Packer           | 4.00        |            |          | 4447.00    |                                    |
| Stubb            | 1.00        |            |          | 4448.00    |                                    |
| Perforations     | 2.00        |            |          | 4450.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4451.00    |                                    |
| Recorder         | 0.00        | 8846       | Inside   | 4451.00    |                                    |
| Recorder         | 0.00        | 8737       | Outside  | 4451.00    |                                    |
| Drill Pipe       | 32.00       |            |          | 4483.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4484.00    |                                    |
| Perforations     | 25.00       |            |          | 4509.00    |                                    |
| Blank Off Sub    | 1.00        |            |          | 4510.00    |                                    |
| Packer           | 4.00        |            |          | 4514.00    | 514.00 Tool Interval               |
| Packer           | 4.00        |            |          | 4518.00    |                                    |
| Stubb            | 1.00        |            |          | 4519.00    |                                    |
| Perforations     | 11.00       |            |          | 4530.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4531.00    |                                    |
| Recorder         | 0.00        | 8646       | Below    | 4531.00    |                                    |
| Drill Pipe       | 412.00      | 8646       | Below    | 4943.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4944.00    |                                    |
| Perforations     | 12.00       |            |          | 4956.00    |                                    |
| Bullnose         | 5.00        |            |          | 4961.00    | 1000541.00 Bottom Packers & Anchor |

**Total Tool Length: 542.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-20s-34w Scott, KS**

4924 SE 84th St  
New ton KS 67114

**Pickett #1**

Job Ticket: 61442

**DST#: 6**

ATTN: Andrew Stenzel

Test Start: 2015.07.15 @ 19:44:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 120.00       | mcw 40%m 60%w | 0.590         |
| 258.00       | mud 100%m     | 3.619         |

Total Length: 378.00 ft      Total Volume: 4.209 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .43@ 67.2 = 19,000 ppm

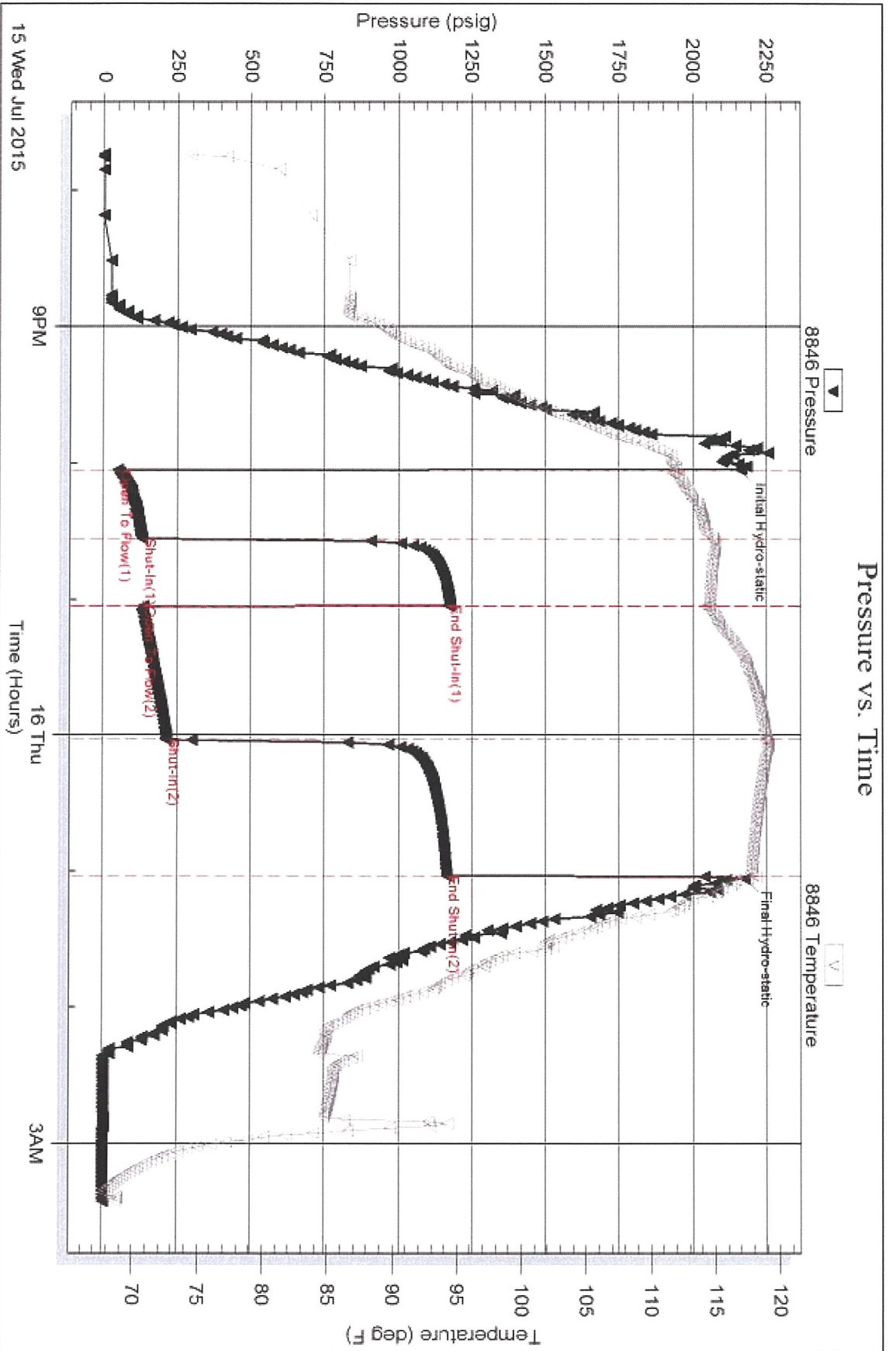
Serial #: 8846

Inside

Palomino Petroleum

Picket #1

OST Test Number: 6



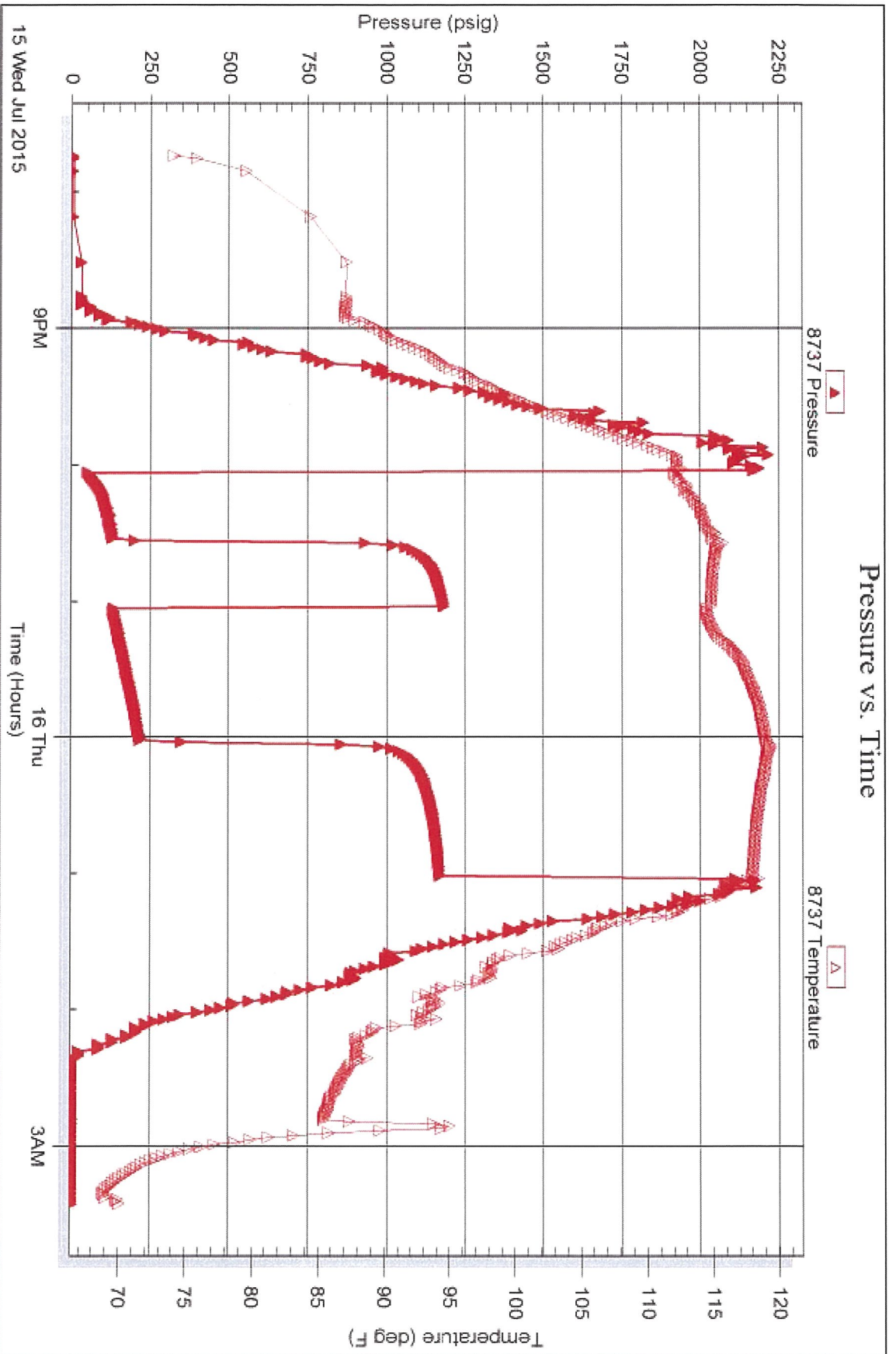
Serial #: 8737

Outside

Palomino Petroleum

Picket #1

DST Test Number: 6

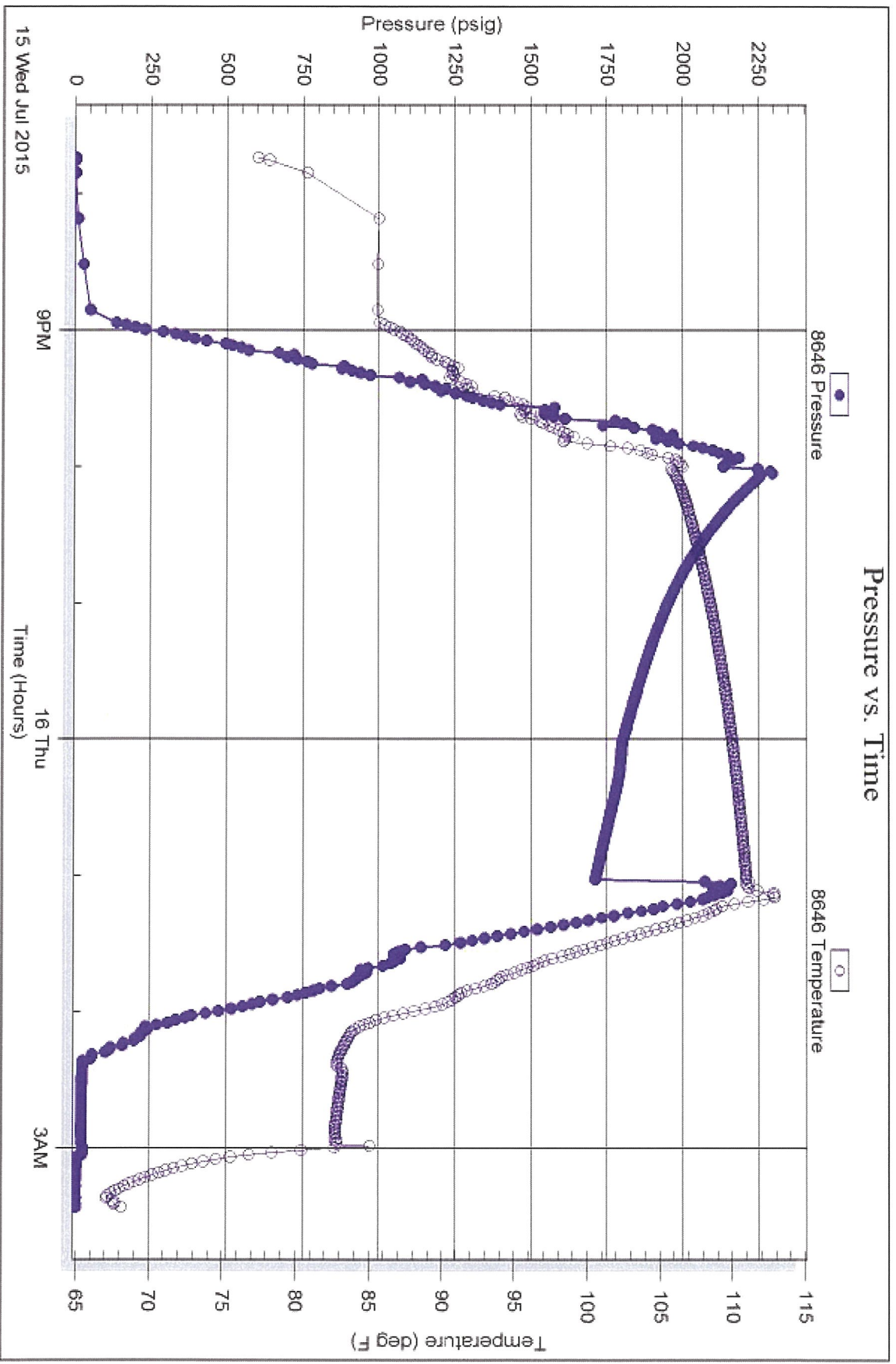


Serial #: 8646

Below (Stratton) Petroleum

Picket #1

DST Test Number: 6

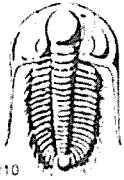


Triobite Testing, Inc

Ref. No: 61442

Printed: 2015.07.16 @ 09:33:14





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61437

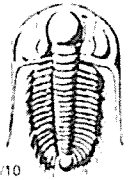
Well Name & No. Pickett #1 Test No. 1 Date 7-10-15  
 Company Palomino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 84th ST Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig NW 10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4173 - 4239 Zone Tested H & I  
 Anchor Length 66 Drill Pipe Run ~~4037~~ 4037 Mud Wt. 8.7  
 Top Packer Depth 4168 Drill Collars Run 120 Vis 53  
 Bottom Packer Depth 4173 Wt. Pipe Run 0 WL 2.6  
 Total Depth 4239 Chlorides 2100 ppm System LCM ~~10#s~~ 10#s  
 Blow Description IF: Built to 7 1/2" Blow  
IS: No Return Blow  
FF: BOB in 42 Min  
FS: No Return Blow

| Rec           | Feet of                 | %gas       | %oil | %water    | %mud |
|---------------|-------------------------|------------|------|-----------|------|
| Rec <u>10</u> | Feet of <u>Free oil</u> | <u>100</u> |      |           |      |
| Rec <u>62</u> | Feet of <u>mco</u>      | <u>80</u>  |      | <u>20</u> |      |
| Rec <u>60</u> | Feet of <u>---</u>      |            |      |           |      |
| Rec <u>60</u> | Feet of <u>OCM</u>      | <u>5</u>   |      | <u>95</u> |      |
| Rec _____     | Feet of _____           | %gas       | %oil | %water    | %mud |

Rec Total 192 BHT 120 Gravity 31 API RW ~~37~~ @ 60 °F Chlorides 0 ppm  
 (A) Initial Hydrostatic 1970  Test 1150.00 T-On Location 22:00  
 (B) First Initial Flow 44  Jars 250.00 T-Started 23:28  
 (C) First Final Flow 87  Safety Joint 75.00 T-Open 01:45  
 (D) Initial Shut-In 964  Circ Sub NC T-Pulled 04:45  
 (E) Second Initial Flow 110  Hourly Standby \_\_\_\_\_ T-Out 06:40  
 (F) Second Final Flow 122  Mileage 44 RT = \$44.00 Comments \_\_\_\_\_  
 (G) Final Shut-In 977  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1978  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 11519.00/-

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60  
 Sub Total 0  
 Total 1519  
 MP/DST Disc't \_\_\_\_\_  
 Approved By Andrew Stenzel Our Representative Mike Roberts  
 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. 61438

Well Name & No. Pickett #1 Test No. 2 Date 7-11-15  
 Company Palomino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 84th St Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig WW 10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. SCOTT State KS

Interval Tested 4237-4278 Zone Tested J  
 Anchor Length 41 Drill Pipe Run 4109 Mud Wt. 9.2  
 Top Packer Depth 4232 Drill Collars Run 120 Vis 44  
 Bottom Packer Depth 4237 Wt. Pipe Run φ WL 8.7  
 Total Depth 4278 Chlorides 3600 ppm System LCM Le  
 Blow Description IF: BOB in 26 Min  
IS: NO Return Blow  
FF: BOB in 26 Min  
FS: NO Return Blow

| Rec        | Feet of    | %gas | %oil      | %water     | %mud |
|------------|------------|------|-----------|------------|------|
| <u>216</u> | <u>MUD</u> |      |           | <u>100</u> |      |
| <u>120</u> | <u>WCM</u> |      | <u>10</u> | <u>90</u>  |      |
|            |            |      |           |            |      |
|            |            |      |           |            |      |
|            |            |      |           |            |      |

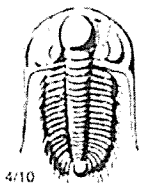
Rec Total 336 BHT 114 Gravity — API RW: 36 @ 99.8 °F Chlorides 14000 ppm

(A) Initial Hydrostatic 1982  Test \$1150.00 T-On Location 13:05  
 (B) First Initial Flow 24  Jars \$250.00 T-Started 14:06  
 (C) First Final Flow 114  Safety Joint \$75.00 T-Open 16:02  
 (D) Initial Shut-In 1095  Circ Sub NC T-Pulled 18:02  
 (E) Second Initial Flow 118  Hourly Standby \_\_\_\_\_ T-Out 19:48  
 (F) Second Final Flow 172  Mileage 44 RT \$44.00 Comments \_\_\_\_\_  
 (G) Final Shut-In 1113  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1987  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 0  
 Total 1519  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total \$1519.00

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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. 61439

Well Name & No. Pickett #1 Test No. 3 Date 7-12-15  
 Company Dalmino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 84th ST Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig WW10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. SCOTT State KS

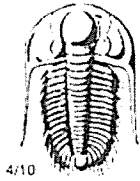
Interval Tested 4277-4342 Zone Tested K  
 Anchor Length 65 Drill Pipe Run 4141 Mud Wt. 9.2  
 Top Packer Depth 4272 Drill Collars Run 120 Vis 44  
 Bottom Packer Depth 4277 Wt. Pipe Run 0 WL 8.7  
 Total Depth 4342 Chlorides 3600 ppm System LCM 6  
 Blow Description IF: BOB in 11 Min  
IS: No Return Blow  
FF: BOB in 14 Min  
FS: No Return Blow

| Rec        | Feet of    | %gas | %oil      | %water     | %mud |
|------------|------------|------|-----------|------------|------|
| <u>186</u> | <u>MUD</u> |      |           | <u>100</u> |      |
| <u>186</u> | <u>WCM</u> |      | <u>10</u> | <u>90</u>  |      |
| <u>120</u> | <u>MCW</u> |      | <u>80</u> | <u>20</u>  |      |
|            |            |      |           |            |      |
|            |            |      |           |            |      |

Rec Total 492 BHT 116 Gravity — API RW .32 @ 85.1" F Chlorides 21000 ppm  
 (A) Initial Hydrostatic 2005  Test '1150.00 T-On Location 04:15  
 (B) First Initial Flow 43  Jars '250.00 T-Started 04:51  
 (C) First Final Flow 196  Safety Joint '75.00 T-Open 06:58  
 (D) Initial Shut-In 1134  Circ Sub NS T-Pulled 08:58  
 (E) Second Initial Flow 187  Hourly Standby \_\_\_\_\_ T-Out 10:44  
 (F) Second Final Flow 289  Mileage 44RT R44.00 Comments \_\_\_\_\_  
 (G) Final Shut-In 1131  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2007  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 30  Day Standby \_\_\_\_\_ Total 1519  
 Sub Total 1519.00/-  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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. 61440

Well Name & No. Pickett #1 Test No. 4 Date 7-13-15  
 Company Palomino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 89th ST Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig NW 10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. SCOTT State KS

Interval Tested 4416-4527 Zone Tested Marmaton  
 Anchor Length 111 Drill Pipe Run 4300 Mud Wt. 8.8  
 Top Packer Depth 4411 Drill Collars Run 120 Vis 44  
 Bottom Packer Depth 4416 Wt. Pipe Run Ø WL 10.0  
 Total Depth 4527 Chlorides 5100 ppm System LCM 8  
 Blow Description IF: Built to 9" Blow  
FS: No Return Blow  
FF: No Blow -- Flushed Tool -- Weak Surface Blow died in Min  
FS: No Return Blow

| Rec        | Feet of    | %gas | %oil | %water     | %mud |
|------------|------------|------|------|------------|------|
| <u>274</u> | <u>MUD</u> |      |      | <u>100</u> |      |
|            |            |      |      |            |      |
|            |            |      |      |            |      |
|            |            |      |      |            |      |

Rec Total 274 BHT 115 Gravity   API RW   @   F Chlorides   ppm

|                                     |  |                            |
|-------------------------------------|--|----------------------------|
| (A) Initial Hydrostatic <u>2114</u> | <input checked="" type="checkbox"/> Test <u>\$1180.00</u>        | T-On Location <u>01:25</u> |
| (B) First Initial Flow <u>58</u>    | <input checked="" type="checkbox"/> Jars <u>\$250.00</u>         | T-Started <u>02:12</u>     |
| (C) First Final Flow <u>157</u>     | <input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>  | T-Open <u>04:10</u>        |
| (D) Initial Shut-In <u>1167</u>     | <input checked="" type="checkbox"/> Circ Sub <u>NC</u>           | T-Pulled <u>06:10</u>      |
| (E) Second Initial Flow <u>547</u>  | <input type="checkbox"/> Hourly Standby                          | T-Out <u>07:57</u>         |
| (F) Second Final Flow <u>1181</u>   | <input checked="" type="checkbox"/> Mileage <u>44 RT \$44.00</u> | Comments                   |
| (G) Final Shut-In <u>1192</u>       | <input type="checkbox"/> Sampler                                 |                            |
| (H) Final Hydrostatic <u>2120</u>   | <input type="checkbox"/> Straddle                                |                            |

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

Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total \$1519.00

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1519  
 MP/DST Disc't

Approved By [Signature]

Our Representative [Signature]

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. 61441

Well Name & No. Pickoff #1 Test No. 5 Date 7-13-15  
 Company Palomino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 84th St Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig WW10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. SCOTT State KS

Interval Tested 4522-4610 Zone Tested Pawnee - Ft. Scott  
 Anchor Length 88 Drill Pipe Run 4395 Mud Wt. 8.9  
 Top Packer Depth 4517 Drill Collars Run 120 Vis 44  
 Bottom Packer Depth 4522 Wt. Pipe Run Ø WL 10.0  
 Total Depth 4610 Chlorides 3850 ppm System LCM Le  
 Blow Description IF: Built to Weak Surface Blow  
IS: No Return Blow  
FF: NO Blow  
FS: NO Return Blow

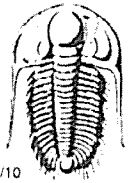
| Rec      | Feet of    | %gas | %oil | %water     | %mud |
|----------|------------|------|------|------------|------|
| <u>2</u> | <u>MUD</u> |      |      | <u>100</u> |      |
|          |            |      |      |            |      |
|          |            |      |      |            |      |
|          |            |      |      |            |      |
|          |            |      |      |            |      |

Rec Total 2 BHT 117 Gravity   API RW   @   °F Chlorides   ppm

|                                     |  |   |
|-------------------------------------|--|---|
| (A) Initial Hydrostatic <u>2170</u> | <input checked="" type="checkbox"/> Test <u>950</u> <u>1150.00</u> | T-On Location <u>18:30</u>                            |
| (B) First Initial Flow <u>53</u>    | <input checked="" type="checkbox"/> Jars <u>250.00</u>             | T-Started <u>19:13</u>                                |
| (C) First Final Flow <u>55</u>      | <input checked="" type="checkbox"/> Safety Joint <u>75.00</u>      | T-Open <u>21:10</u>                                   |
| (D) Initial Shut-In <u>309</u>      | <input checked="" type="checkbox"/> Circ Sub <u>NC</u>             | T-Pulled <u>23:10</u>                                 |
| (E) Second Initial Flow <u>274</u>  | <input type="checkbox"/> Hourly Standby <u> </u>                   | T-Out <u>00:51</u>                                    |
| (F) Second Final Flow <u>710</u>    | <input checked="" type="checkbox"/> Mileage <u>44RT = 44.00</u>    | Comments <u> </u>                                     |
| (G) Final Shut-In <u>370</u>        | <input type="checkbox"/> Sampler <u> </u>                          | <input type="checkbox"/> Ruined Shale Packer <u> </u> |
| (H) Final Hydrostatic <u>2208</u>   | <input type="checkbox"/> Straddle <u> </u>                         | <input type="checkbox"/> Ruined Packer <u> </u>       |
| Initial Open <u>30</u>              | <input type="checkbox"/> Shale Packer <u> </u>                     | <input type="checkbox"/> Extra Copies <u> </u>        |
| Initial Shut-In <u>30</u>           | <input type="checkbox"/> Extra Packer <u> </u>                     | Sub Total <u>0</u>                                    |
| Final Flow <u>30</u>                | <input type="checkbox"/> Extra Recorder <u> </u>                   | Total <u>1319</u>                                     |
| Final Shut-In <u>30</u>             | <input type="checkbox"/> Day Standby <u> </u>                      | MP/DST Disc't <u> </u>                                |
|                                     | <input type="checkbox"/> Accessibility <u> </u>                    |   |
|                                     | Sub Total <u>\$159.00</u>  |   |

Approved By   Our Representative Mike Roberts

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. 61442

Well Name & No. Pickett #1 Test No. 6 Date 7-15-15  
 Company Palomino Petroleum Elevation 3034 KB 3029 GL  
 Address 4924 SE 84th ST Newton KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig WW 10  
 Location: Sec. 3 Twp. 20S Rge. 34W Co. SCOTT State KS

Interval Tested 4447-4518 Zone Tested Marathon  
 Anchor Length 71 Drill Pipe Run 4320 Mud Wt. 9.0  
 Top Packer Depth 4442 Drill Collars Run 120 Vis 51  
 Bottom Packer Depth 4447 Wt. Pipe Run 0 WL 9.6  
 Total Depth 4968 Chlorides 4800 ppm System LCM 4

Blow Description IF: 9 1/2" Blow  
FS: No Return Blow  
FF: BOB in 34 Min  
FS: No Return Blow

| Rec        | Feet of    | %gas | %oil | %water     | %mud      |
|------------|------------|------|------|------------|-----------|
| <u>258</u> | <u>MUD</u> |      |      | <u>100</u> |           |
| <u>120</u> | <u>MCW</u> |      |      | <u>60</u>  | <u>40</u> |
|            |            |      |      |            |           |
|            |            |      |      |            |           |
|            |            |      |      |            |           |

Rec Total 378 BHT 118 Gravity — API RW .43 @ 67.4 F Chlorides 19000 ppm

|                                     |   |  |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2160</u> | <input checked="" type="checkbox"/> Test <u>1150.00</u>                   | T-On Location <u>18:45</u>                   |
| (B) First Initial Flow <u>47</u>    | <input checked="" type="checkbox"/> Jars <u>250.00</u>                    | T-Started <u>19:44</u>                       |
| (C) First Final Flow <u>131</u>     | <input checked="" type="checkbox"/> Safety Joint <u>75.00</u>             | T-Open <u>22:02</u>                          |
| (D) Initial Shut-In <u>1172</u>     | <input checked="" type="checkbox"/> Circ Sub <u>NC</u>                    | T-Pulled <u>01:02</u>                        |
| (E) Second Initial Flow <u>132</u>  | <input type="checkbox"/> Hourly Standby                                   | T-Out <u>03:26</u>                           |
| (F) Second Final Flow <u>212</u>    | <input checked="" type="checkbox"/> Mileage <u>44 RT</u> <u>44.00</u>     | Comments                                     |
| (G) Final Shut-In <u>1164</u>       | <input type="checkbox"/> Sampler  |  |
| (H) Final Hydrostatic <u>2177</u>   | <input checked="" type="checkbox"/> Straddle <u>600.00</u>                | <input type="checkbox"/> Ruined Shale Packer |
| Initial Open <u>30</u>              | <input type="checkbox"/> Shale Packer                                     | <input type="checkbox"/> Ruined Packer       |
| Initial Shut-In <u>30</u>           | <input checked="" type="checkbox"/> Extra Packer <u>100</u> <u>200.00</u> | <input type="checkbox"/> Extra Copies        |
| Final Flow <u>60</u>                | <input type="checkbox"/> Extra Recorder                                   | Sub Total <u>0</u>                           |
| Final Shut-In <u>600</u>            | <input type="checkbox"/> Day Standby                                      | Total <u>2219</u>                            |
|                                     | <input type="checkbox"/> Accessibility <u>2219</u>                        | MP/DST Disc't                                |
|                                     | Sub Total <u>112319.00</u>  |  |

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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.