



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1055193

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |   |
|---|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|---|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| _____ Perforate<br>_____ Protect Casing<br>_____ Plug Back TD<br>_____ Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Jason Oil Company, LLC |
| Well Name | TEEL 2                 |
| Doc ID    | 1055193                |

Tops

| Name           | Top   | Datum |
|----------------|-------|-------|
| anhydrite      | 2021' | +337  |
| anhydrite base | 2054' | +304  |
| topeka         | 3382' | -1024 |
| heebner shale  | 3587' | -1229 |
| Toronto        | 3609' | -1251 |
| LKC            | 3622' | -1264 |
| BKC            | 3828' | -1470 |
| Rotary TD      | 3871' | -1512 |
| Log TD         | 3871' | -1513 |



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Fax 785-324-1041

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

No. 4494

|                     |                |          |            |      |         |  |  |  |        |       |    |             |  |        |         |
|---------------------|----------------|----------|------------|------|---------|--|--|--|--------|-------|----|-------------|--|--------|---------|
| Date                | 12-12-10       | Sec.     | 5          | Twp. | 8       | Range                                      | 24   | County   | Graham | State | Ks | On Location |  | Finish | 2:00 PM |
| Lease               | Feel           | Well No. | #2         |      |         | Location Pennocke Ks - 1/2 to 190th Rd, 2N |  |  |        |       |    |             |  |        |         |
| Contractor          | Discoveries #1 |          |            |      |         |  |  | Owner 1/2 W 3/4 into   |        |       |    |             |  |        |         |
| Type Job            | production     |          |            |      |         |  |  | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |        |       |    |             |  |        |         |
| Hole Size           | 7 7/8"         |          | T.D.       |      | 3890'   |  | Charge To Jason Oil Co.  |  |        |       |    |             |  |        |         |
| Csg.                | 5 1/2          |          | Depth      |      | 3865'   |  | Street   |  |        |       |    |             |  |        |         |
| Tbg. Size           |                |          | Depth      |      |         |  | City   |  |        |       |    |             |  |        |         |
| Tool                | Port Collar    |          | Depth      |      | 2026'   |  | State  |  |        |       |    |             |  |        |         |
| Cement Left in Csg. | 35.66          |          | Shoe Joint |      | 35.66'  |  | The above was done to satisfaction and supervision of owner agent or contractor. |  |        |       |    |             |  |        |         |
| Meas Line           |                |          | Displace   |      | 88 bbls |  | Cement Amount Ordered 200 sx Commair 10% Salt, 5% 6.1 salt                       |  |        |       |    |             |  |        |         |

### EQUIPMENT

|         |      |     |          |         |          |     |
|---------|------|-----|----------|---------|----------|-----|
| Pumptrk | 1    | No. | Cementer | Brandon | Common   | 200 |
|         |      |     | Helper   |         |          |     |
| Bulktrk | 8    | No. | Driver   | Doug    | Poz. Mix |     |
|         |      |     | Driver   |         |          |     |
| Bulktrk | p.u. | No. | Driver   | Rick    | Gel.     |     |
|         |      |     | Driver   |         |          |     |

### JOB SERVICES & REMARKS

|   |  |
|---|--|
| Remarks:  | Calcium                                  |
| Rat Hole 30 sx  | Hulls                                    |
| Mouse Hole 15 sx  | Salt 17                                  |
| Centralizers 1, 2, 3, 4, 5, 6, 7, 8, 9, 43  | Flowseal                                 |
| Baskets 2, 45   | Kol-Seal 1000#                           |
| D/V or Port Collar 2026, Collar #45 JT  | Mud CLR 48 500 gal                       |
|   | CFL-117 or CD110 CAF 38                  |
|   | Sand                                     |
| pipe on bottom, break Circulation pump, 500 gal Mud Clear 48, plug Rathole, + mouse hole, Cement Casing. Shut down, wash pump + lines + Released plug start displacement Displaced with 88 bbls of freshwater, float held. Rigged down. | Handling 227                             |
|   | Mileage                                  |
|   | <b>FLOAT EQUIPMENT</b>                   |
|   | Guide Shoe                               |
|   | Centralizer 9 Turbo's - 1 Centi          |
|   | Baskets <del>2</del> - 2 <del>gels</del> |
|   | AFU Inserts                              |
|   | Float Shoe 1                             |
|   | Latch Down 1 Assy                        |
|   | Rotating head                            |
|   | 1 Port Collar                            |
|   | Pumptrk Charge prod Long Spring          |
|   | Mileage 18                               |

X Signature *Stankin*

Tax  
Discount  
Total Charge



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

5-483-2025  
5-324-1041

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

No. 4431

|                         |            |                 |  |  |          |             |                  |
|-------------------------|------------|-----------------|--|--|----------|-------------|------------------|
| 12-6-10                 | Sec. 5     | Twp. 8          | Range 24                                 | County Cowley  | State KS | On Location | Finish 7:00 p.m. |
| Lease T&E               | Well No. 2 |                 | Location Parkie W Rd 190 1/2 2nd S.W. 70 |  |          |             |                  |
| Contractor Discussed #1 |            |                 |  | Owner  |          |             |                  |
| Type Job Surface        |            |                 |  | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |          |             |                  |
| Hole Size 12 1/4        |            | T.D. 228        |  | Charge To Jason Oil  |          |             |                  |
| Csg. 8 1/8              |            | Depth 228       |  | Street   |          |             |                  |
| Tbg. Size               |            | Depth           |  | City State   |          |             |                  |
| Tool                    |            | Depth           |  | The above was done to satisfaction and supervision of owner agent or contractor.   |          |             |                  |
| Cement Left in Csg. 15' |            | Shoe Joint      |  | Cement Amount Ordered 150 Lbm 3 1/2 cc 2 1/2 cc  |          |             |                  |
| Meas Line               |            | Displace 13 1/2 |  |  |          |             |                  |

**EQUIPMENT**

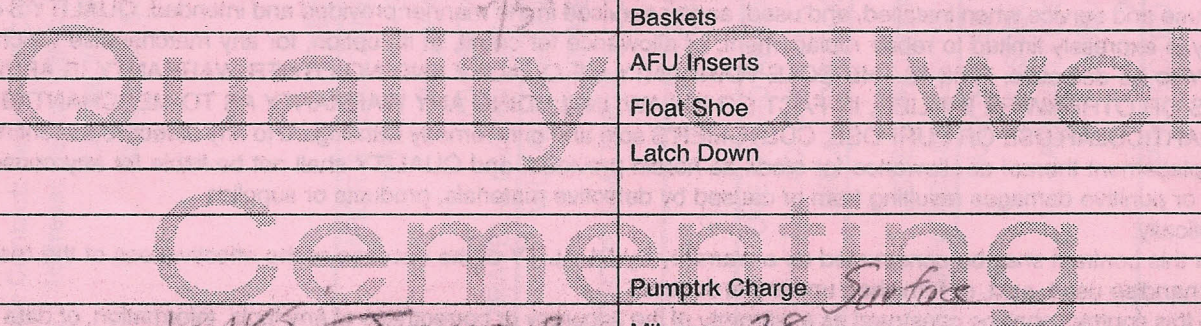
|            |     |          |        |          |     |
|------------|-----|----------|--------|----------|-----|
| Pumptrk 9  | No. | Cementer | Helper | Common   | 150 |
| Bulktrk    | No. | Driver   | Driver | Poz. Mix |     |
| Bulktrk 10 | No. | Driver   | Driver | Gel.     | 3   |

**JOB SERVICES & REMARKS**

|                                  |                         |
|----------------------------------|-------------------------|
| Remarks:                         | Hulls                   |
| Rat Hole                         | Salt                    |
| Mouse Hole                       | Flowseal                |
| Centralizers                     | Kol-Seal                |
| Baskets                          | Mud CLR 48              |
| D/V or Port Collar               | CFL-117 or CD110 CAF 38 |
| 8 1/8 in Intam. Est. Circulation | Sand                    |
| Mix Cement 1 1/2 sacks           | Handling 158            |
|                                  | Mileage                 |

**FLOAT EQUIPMENT**

|  |             |
|--|-------------|
|  | Guide Shoe  |
|  | Centralizer |
|  | Baskets     |
|  | AFU Inserts |
|  | Float Shoe  |
|  | Latch Down  |

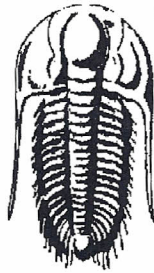


|  |                |         |
|--|----------------|---------|
|  | Pumptrk Charge | Surface |
|  | Mileage        | 28      |
|  | Tax            |         |
|  | Discount       |         |
|  | Total Charge   |         |

X Signature *Chiff Mayfield*

*THANKS JIM BOB*





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co**

PO Box 701  
Russell KS 67665

ATTN: J.L Schoenberger

**5-8s-24w Graham,KS**

**Teel #2**

Start Date: 2010.12.10 @ 07:34:56

End Date: 2010.12.10 @ 15:48:26

Job Ticket #: 041014          DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2010.12.29 @ 15:48:53 Page 1

**ORIGINAL**

Jason Oil Co

Teel #2

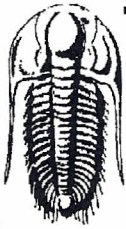
5-8s-24w Graham,KS

DST # 1

LKC "C"

2010.12.10





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Jason Oil Co  
PO Box 701  
Russell KS 67665  
ATTN: J.L. Schoenberger

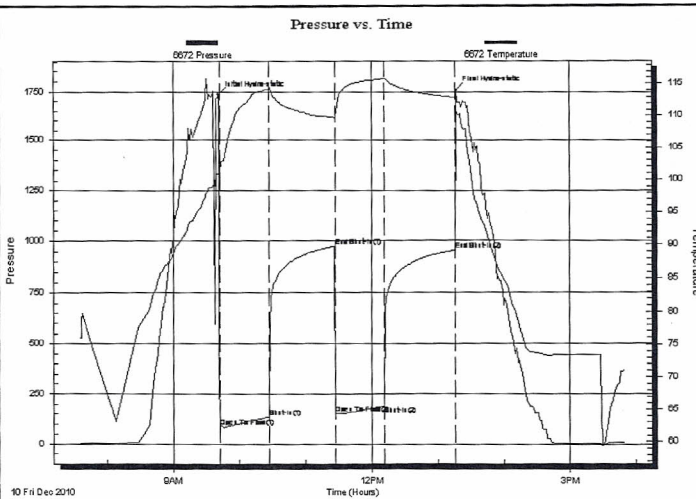
**Teel #2**  
**5-8s-24w Graham,KS**  
Job Ticket: 041014      **DST#: 1**  
Test Start: 2010.12.10 @ 07:34:56

### GENERAL INFORMATION:

Formation: **LKC "C"**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:40:56  
Time Test Ended: 15:48:26  
Interval: **3644.00 ft (KB) To 3676.00 ft (KB) (TVD)**  
Total Depth: 3676.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jeff Brown  
Unit No: 44  
Reference Elevations: 2358.00 ft (KB)  
2350.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 6672**      **Inside**  
Press@RunDepth: 189.82 psig @ 3648.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.12.10      End Date: 2010.12.10      Last Calib.: 2010.12.10  
Start Time: 07:35:57      End Time: 15:49:26      Time On Btm: 2010.12.10 @ 09:40:56  
Time Off Btm: 2010.12.10 @ 13:16:56

**TEST COMMENT:** IFP-Good blow BOB in 18 min  
ISI-Dead no blow back  
FFP-Good blow BOB in 28 min  
FSI-Weak surface blow back built to 1/8 in



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1736.11         | 100.81       | Initial Hydro-static |
| 1           | 83.02           | 100.74       | Open To Flow (1)     |
| 46          | 132.48          | 114.20       | Shut-In(1)           |
| 106         | 974.45          | 109.67       | End Shut-In(1)       |
| 106         | 151.73          | 109.71       | Open To Flow (2)     |
| 151         | 189.82          | 115.76       | Shut-In(2)           |
| 215         | 955.56          | 112.82       | End Shut-In(2)       |
| 216         | 1756.67         | 111.12       | Final Hydro-static   |

### Recovery

| Length (ft) | Description           | Volume (bbl) |
|-------------|-----------------------|--------------|
| 186.00      | MW10%M90%W            | 2.33         |
| 124.00      | WM10%W90%M            | 1.74         |
| 62.00       | WM with a scum of oil | 0.87         |
|             |                       |              |
|             |                       |              |

### Gas Rates

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

ORIGINAL



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Co

**Teel #2**

PO Box 701  
Russell KS 67665

**5-8s-24w Graham,KS**

Job Ticket: 041014

**DST#: 1**

ATTN: J.L. Schoenberger

Test Start: 2010.12.10 @ 07:34:56

### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3611.00 ft | Diameter: 3.80 inches | Volume: 50.65 bbl              | Tool Weight: 2000.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 2.70 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 31.00 ft   | Diameter: 2.25 inches | Volume: 0.15 bbl               | Weight to Pull Loose: 54000.00 lb  |
|                           |                    |                       | <u>Total Volume: 50.80 bbl</u> | Tool Chased 8.00 ft                |
| Drill Pipe Above KB:      | 18.00 ft           |                       |                                | String Weight: Initial 42000.00 lb |
| Depth to Top Packer:      | 3644.00 ft         |                       |                                | Final 44000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 32.00 ft           |                       |                                |                                    |
| Tool Length:              | 52.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

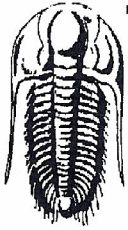
Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                 |       |      |         |         |                               |
|-----------------|-------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00  |      |         | 3625.00 |                               |
| Shut In Tool    | 5.00  |      |         | 3630.00 |                               |
| Hydraulic tool  | 5.00  |      |         | 3635.00 |                               |
| Packer          | 4.00  |      |         | 3639.00 | 20.00 Bottom Of Top Packer    |
| Packer          | 5.00  |      |         | 3644.00 |                               |
| Stubb           | 1.00  |      |         | 3645.00 |                               |
| Perforations    | 3.00  |      |         | 3648.00 |                               |
| Recorder        | 0.00  | 6672 | Inside  | 3648.00 |                               |
| Recorder        | 0.00  | 8679 | Outside | 3648.00 |                               |
| Perforations    | 25.00 |      |         | 3673.00 |                               |
| Bullnose        | 3.00  |      |         | 3676.00 | 32.00 Bottom Packers & Anchor |

**Total Tool Length: 52.00**





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Jason Oil Co

**Teel #2**

PO Box 701  
Russell KS 67665

**5-8s-24w Graham,KS**

Job Ticket: 041014

**DST#: 1**

ATTN: J.L. Schoenberger

Test Start: 2010.12.10 @ 07:34:56

**Mud and Cushion Information**

|                                  |                            |                 |           |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem               | Cushion Type:              | Oil API:        | deg API   |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Salinity: | 78000 ppm |
| Viscosity: 61.00 sec/qt          | Cushion Volume: bbl        |                 |           |
| Water Loss: 8.78 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: ohm.m               | Gas Cushion Pressure: psig |                 |           |
| Salinity: 500.00 ppm             |                            |                 |           |
| Filter Cake: inches              |                            |                 |           |

**Recovery Information**

Recovery Table

| Length<br>ft | Description           | Volume<br>bbl |
|--------------|-----------------------|---------------|
| 186.00       | MW10%M90%W            | 2.327         |
| 124.00       | WM10%W90%M            | 1.739         |
| 62.00        | WM with a scum of oil | 0.870         |

Total Length: 372.00 ft      Total Volume: 4.936 bbl

Num Fluid Samples: 0

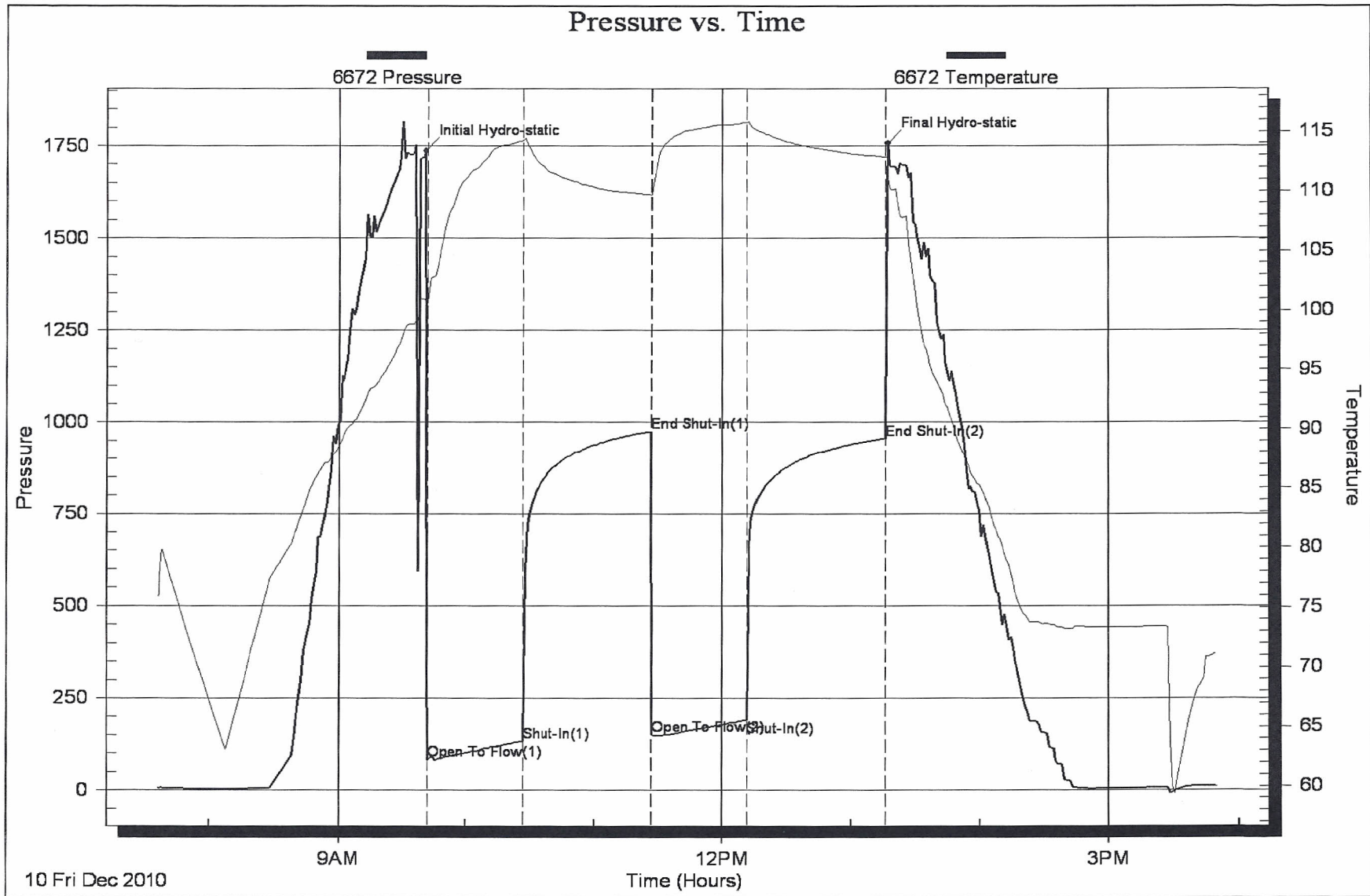
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co**

PO Box 701  
Russell KS 67665

ATTN: J.L Schoenberger

**5-8s-24w Graham,KS**

**Teel #2**

Start Date: 2010.12.10 @ 23:47:51

End Date: 2010.12.11 @ 06:56:51

Job Ticket #: 041015      DST #: 2

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Jason Oil Co  
PO Box 701  
Russell KS 67665  
ATTN: J.L. Schoenberger

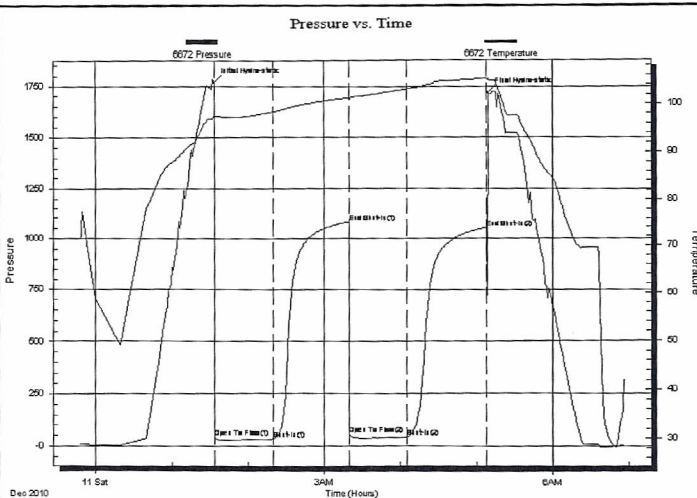
**Teel #2**  
**5-8s-24w Graham,KS**  
Job Ticket: 041015      **DST#: 2**  
Test Start: 2010.12.10 @ 23:47:51

### GENERAL INFORMATION:

Formation: **LKC E-F**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 01:33:51  
Time Test Ended: 06:56:51  
Interval: **3677.00 ft (KB) To 3710.00 ft (KB) (TVD)**  
Total Depth: 3710.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jeff Brown  
Unit No: 44  
Reference Elevations: 2358.00 ft (KB)  
2350.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 6672**      **Inside**  
Press@RunDepth: 41.66 psig @ 3682.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.12.10      End Date: 2010.12.11      Last Calib.: 2010.12.11  
Start Time: 23:47:52      End Time: 06:56:51      Time On Btm: 2010.12.11 @ 01:33:21  
Time Off Btm: 2010.12.11 @ 05:09:21

**TEST COMMENT:** IFP-Fair blow built to 4 in  
ISI-Dead no blow back  
FFP-Weak blow built to 2 1/2 in  
FSI-Dead no blow back



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1771.49         | 97.47        | Initial Hydro-static |
| 1           | 40.69           | 97.00        | Open To Flow (1)     |
| 47          | 34.72           | 98.31        | Shut-In(1)           |
| 106         | 1080.95         | 101.22       | End Shut-In(1)       |
| 107         | 56.61           | 101.00       | Open To Flow (2)     |
| 152         | 41.66           | 103.04       | Shut-In(2)           |
| 215         | 1053.04         | 105.19       | End Shut-In(2)       |
| 216         | 1720.64         | 105.13       | Final Hydro-static   |

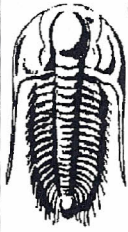
### Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 5.00        | VSOCM 2% O 98% M | 0.02         |
| 52.00       | HOCM 35% O 65% M | 0.49         |
| 0.00        | 36' GIP          | 0.00         |
|             |                  |              |
|             |                  |              |

### Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Co

**Teel #2**

PO Box 701  
Russell KS 67665

**5-8s-24w Graham,KS**

Job Ticket: 041015

**DST#: 2**

ATTN: J.L. Schoenberger

Test Start: 2010.12.10 @ 23:47:51

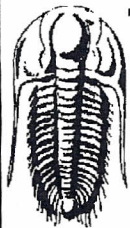
### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3642.00 ft | Diameter: 3.80 inches | Volume: 51.09 bbl              | Tool Weight: 2000.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 2.70 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 31.00 ft   | Diameter: 2.25 inches | Volume: 0.15 bbl               | Weight to Pull Loose: 50000.00 lb  |
|                           |                    |                       | <u>Total Volume: 51.24 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 16.00 ft           |                       |                                | String Weight: Initial 43000.00 lb |
| Depth to Top Packer:      | 3677.00 ft         |                       |                                | Final 44000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 33.00 ft           |                       |                                |                                    |
| Tool Length:              | 53.00 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        |            |          | 3658.00    |                               |
| Shut In Tool     | 5.00        |            |          | 3663.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 3668.00    |                               |
| Packer           | 4.00        |            |          | 3672.00    | 20.00 Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 3677.00    |                               |
| Stubb            | 1.00        |            |          | 3678.00    |                               |
| Perforations     | 4.00        |            |          | 3682.00    |                               |
| Recorder         | 0.00        | 6672       | Inside   | 3682.00    |                               |
| Recorder         | 0.00        | 8679       | Outside  | 3682.00    |                               |
| Perforations     | 25.00       |            |          | 3707.00    |                               |
| Bullnose         | 3.00        |            |          | 3710.00    | 33.00 Bottom Packers & Anchor |

**Total Tool Length: 53.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Co

**Teel #2**

PO Box 701  
Russell KS 67665

**5-8s-24w Graham,KS**

Job Ticket: 041015

**DST#: 2**

ATTN: J.L Schoenberger

Test Start: 2010.12.10 @ 23:47:51

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description    | Volume<br>bbl |
|--------------|----------------|---------------|
| 5.00         | VSOCM 2%O98%M  | 0.025         |
| 52.00        | HOOCM 35%O65%M | 0.493         |
| 0.00         | 36' GIP        | 0.000         |

Total Length: 57.00 ft

Total Volume: 0.518 bbl

Num Fluid Samples: 0

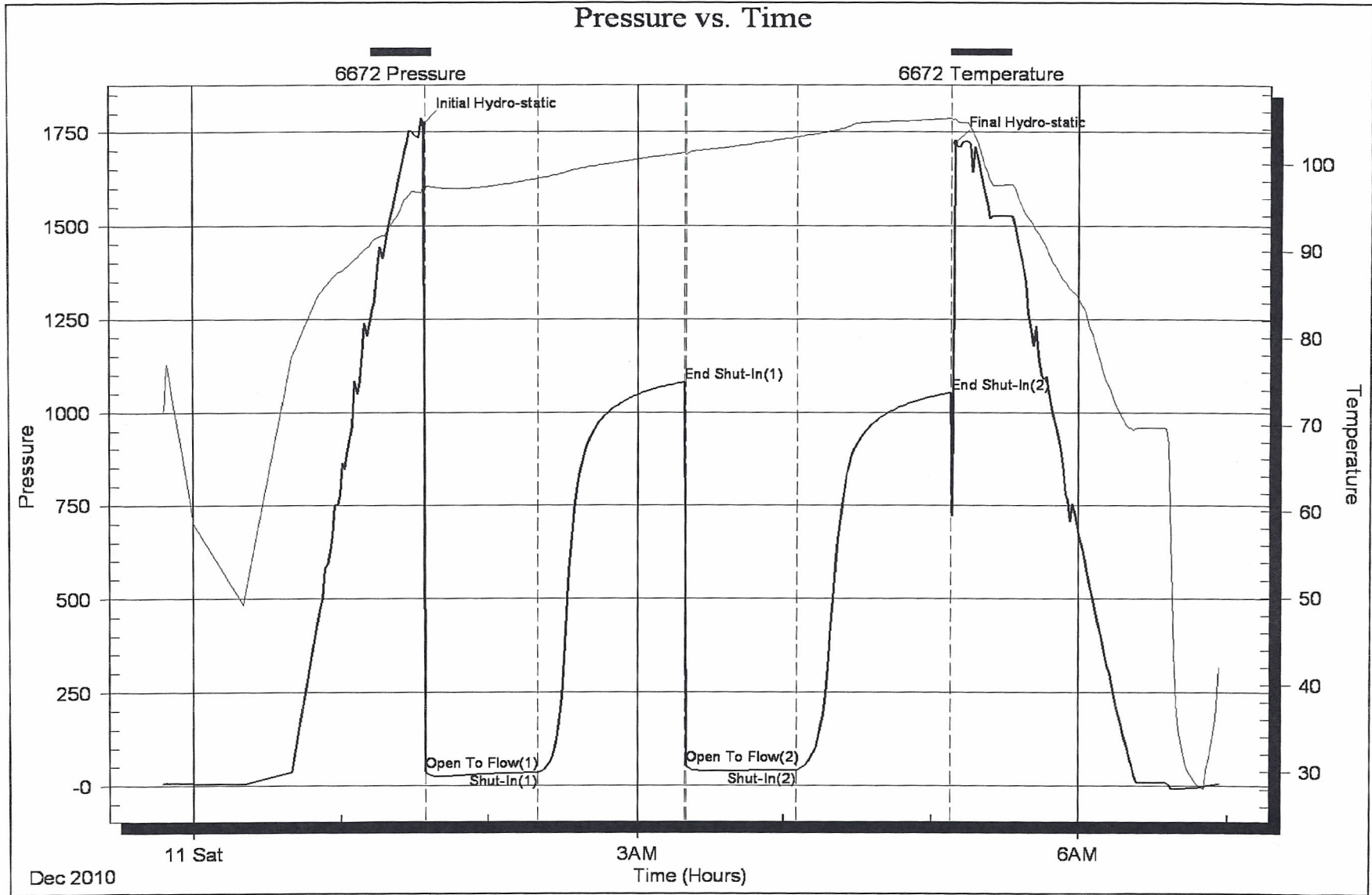
Num Gas Bombs: 0

Serial #:

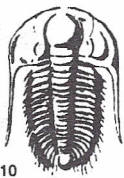
Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041014

RECEIVED  
DEC 13 2010

Well Name & No. Teel #2 BY: \_\_\_\_\_ Test No. 1 Date 12-10-10  
 Company JASON oil co Elevation 2358 KB 2350 GL \_\_\_\_\_  
 Address PO Box 701 Russell KS 67265  
 Co. Rep / Geo. Jeff Lawler Rig Discovery Rig #1  
 Location: Sec. 5 Twp. 8 S Rge. 24 W Co. \_\_\_\_\_ State KS

Interval Tested 3644-3676 Zone Tested LKC-C  
 Anchor Length 32 Drill Pipe Run 3611 Mud Wt. 8.6  
 Top Packer Depth 3639 Drill Collars Run 31 Vis 4el  
 Bottom Packer Depth 3644 Wt. Pipe Run 0 WL 8.8  
 Total Depth 3676 Chlorides 500 ppm System LCM 2<sup>nd</sup>

Blow Description FP-GOOD Blow BOB IN 18 min  
ISI-Dead  
FP-GOOD Blow BOB IN 28 min  
FSI-Weak surface Blow Back Built To 1/8 IN

| Rec        | Feet of                     | %gas | %oil      | %water    | %mud      |
|------------|-----------------------------|------|-----------|-----------|-----------|
| <u>62</u>  | <u>WM with ASCUM of oil</u> |      |           | <u>20</u> | <u>80</u> |
| <u>124</u> | <u>WM</u>                   |      | <u>10</u> | <u>90</u> | <u>90</u> |
| <u>186</u> | <u>MW</u>                   |      | <u>90</u> | <u>10</u> | <u>10</u> |
| Rec        | Feet of                     | %gas | %oil      | %water    | %mud      |
| Rec        | Feet of                     | %gas | %oil      | %water    | %mud      |

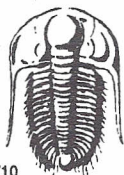
Rec Total 372 BHT 113 Gravity \_\_\_\_\_ API RW 107 @ 64.5° F Chlorides 78000 ppm

(A) Initial Hydrostatic 1736  Test 1125 T-On Location 6:12  
 (B) First Initial Flow 83  Jars \_\_\_\_\_ T-Started 7:34  
 (C) First Final Flow 132  Safety Joint \_\_\_\_\_ T-Open 9:40  
 (D) Initial Shut-In 974  Circ Sub \_\_\_\_\_ T-Pulled 13:10  
 (E) Second Initial Flow 152  Hourly Standby \_\_\_\_\_ T-Out 15:48  
 (F) Second Final Flow 190  Mileage 144 RT 180 Comments \_\_\_\_\_  
 (G) Final Shut-In 956  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1757  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 45  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 40  Ruined Packer \_\_\_\_\_  
 Final Flow 45  Extra Copies \_\_\_\_\_  
 Final Shut-In 40 Sub Total 8  
 Total 1305  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1305

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
DEC 13 2010

## Test Ticket

NO. 041015

4/10

Well Name & No. Teel #2 Test No. 2 Date 12-10-10  
 Company JASON oil co Elevation 2358 KB 2350 GL  
 Address PO Box 701 Russell KS 67265  
 Co. Rep / Geo. Jeff Lawler Rig Discovery Rig #1  
 Location: Sec. 5 Twp. 8S Rge. 24W Co. Graham State KS

Interval Tested 3677-3710 Zone Tested LKC-E-F  
 Anchor Length 33 Drill Pipe Run 3642 Mud Wt. 8.9  
 Top Packer Depth 3672 Drill Collars Run 31 Vis 52  
 Bottom Packer Depth 3677 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3710 Chlorides 1000 ppm System LCM 1 1/2

Blow Description PP- Fair Blow Built To 4 IN  
ISE Dead No Blow Back  
PP- Weak Blow Built To 2 1/2 IN  
ISE Dead No Blow Back

| Rec       | Feet of        | %gas | %oil      | %water    | %mud |
|-----------|----------------|------|-----------|-----------|------|
| <u>5</u>  | <u>USOCM</u>   |      | <u>2</u>  | <u>98</u> |      |
| <u>52</u> | <u>HUCM</u>    |      | <u>35</u> | <u>65</u> |      |
|           | <u>36 CoIP</u> |      |           |           |      |
|           |                |      |           |           |      |
|           |                |      |           |           |      |

Rec Total 57 BHT 105 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1771  Test 1125 T-On Location 22:41  
 (B) First Initial Flow 41  Jars \_\_\_\_\_ T-Started 23:47  
 (C) First Final Flow 35  Safety Joint \_\_\_\_\_ T-Open 1:34  
 (D) Initial Shut-In 1081  Circ Sub \_\_\_\_\_ T-Pulled 5:04  
 (E) Second Initial Flow 57  Hourly Standby \_\_\_\_\_ T-Out 6:56  
 (F) Second Final Flow 42  Mileage 144 RT 180 Comments \_\_\_\_\_  
 (G) Final Shut-In 1053  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1721  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 45  
 Initial Shut-In 600  
 Final Flow 45  
 Final Shut-In 60

Sub Total 1305  
 Total 1305  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 4680

|                                       |                       |          |              |          |                         |  |             |          |
|---------------------------------------|-----------------------|----------|--------------|----------|-------------------------|--|-------------|----------|
| Date                                  | 1-8-11                | Sec.     | Twp.         | Range    | County                  | State  | On Location | Finish   |
| Lease                                 | Teal                  | Well No. | 2            | Location | Rancher 1W 2N 3W S10    |  |             | 12:00 pm |
| Contractor                            | Super Oilwell Service |          |              |          | Owner                   | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |             |          |
| Type Job                              | Port Collar           |          |              |          | Charge To               | Jason Oil  |             |          |
| Hole Size                             | T.D.                  |          |              |          | Street                  |  |             |          |
| Csg.                                  | 5 17 1/2              | Depth    |              |          |                         | City   | State       |          |
| Tbg. Size                             | 2 3/8                 | Depth    |              |          |                         | The above was done to satisfaction and supervision of owner agent or contractor.   |             |          |
| Tool                                  | Port Collar           |          |              |          | Shoe Joint              | 2024   |             |          |
| Cement Left in Csg.                   | Displace              |          |              |          | Cement Amount Ordered   | 350 Q-MDC 1/2 Flo Seal   |             |          |
| Meas Line                             | 10 3/4                |          |              |          | 15 bbl on side          |  |             |          |
| <b>EQUIPMENT</b>                      |                       |          |              |          | <b>FLOAT EQUIPMENT</b>  |  |             |          |
| Pumptrk                               | No. 1                 | Cementor | Helper Steve |          | Common                  | 190  |             |          |
| Bulktrk                               | No. 12                | Driver   | Cisco        |          | Poz. Mix                |  |             |          |
| Bulktrk                               | No. 1                 | Driver   | Coy          |          | Gel.                    | 7  |             |          |
| <b>JOB SERVICES &amp; REMARKS</b>     |                       |          |              |          | Calcium                 |  |             |          |
| Remarks:                              |                       |          |              |          | Hulls                   |  |             |          |
| Rat Hole                              |                       |          |              |          | Salt                    |  |             |          |
| Mouse Hole                            |                       |          |              |          | Flowseal 87#            |  |             |          |
| Centralizers                          |                       |          |              |          | Kol-Seal                |  |             |          |
| Baskets                               |                       |          |              |          | Mud CLR 48              |  |             |          |
| D/V or Port Collar                    | 2024                  |          |              |          | CFL-117 or CD110 CAF 38 |  |             |          |
| Port Collar @ 2024                    |                       |          |              |          | Sand                    |  |             |          |
| Pressure casing to 800ps. Open tool   |                       |          |              |          | Handling                |  |             |          |
| Mix 75x Grad 4 break circulation      |                       |          |              |          | Mileage                 |  |             |          |
| Mix 190 Q-MDC 90 circulation cement   |                       |          |              |          | Guide Shoe              |  |             |          |
| (Close tool) Pressure casing to 800ps |                       |          |              |          | Centralizer             |  |             |          |
| Run Side 9 Wash clean                 |                       |          |              |          | Baskets                 |  |             |          |
| Used 7 Grad 4 190s                    |                       |          |              |          | AFU Inserts             |  |             |          |
| * Cement down circulation             |                       |          |              |          | Float Shoe              |  |             |          |
| Thank you                             |                       |          |              |          | Latch Down              |  |             |          |
|                                       |                       |          |              |          | Pumptrk Charge          |  |             |          |
|                                       |                       |          |              |          | Mileage 280 Port Collar |  |             |          |
| X Signature                           |                       |          |              |          | Tax                     |  |             |          |
|                                       |                       |          |              |          | Discount                |  |             |          |
|                                       |                       |          |              |          | Total Charge            |  |             |          |