

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32593  
Name: Dan Haffner  
Address 1: rr2 box49  
Address 2: \_\_\_\_\_  
City: hoxie State: ks Zip: 67740 + \_\_\_\_\_  
Contact Person: Dan Haffner  
Phone: ( 785 ) 657-1299  
CONTRACTOR: License # 33350  
Name: Southwind Drilling Inc.  
Wellsite Geologist: Richard Bell  
Purchaser: coffeyville resources  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
*(Core, WSW, Expl., Cathodic, 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  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
10-9-09      10-16-09      11-15-09  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 179-21241-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ sw ne ne Sec. 18 Twp. 9 S. R. 27  East  West  
1000 Feet from  North /  South Line of Section  
800 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: sheridan  
Lease Name: haffner Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: lansing kansas city  
Elevation: Ground: 2748 Kelly Bushing: 2758  
Total Depth: 4192 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 250 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2382 Feet  
If Alternate II completion, cement circulated from: 2382  
feet depth to: surface w/ 450 <sup>sq cmt.</sup> Alt 2 - Dig - 6/2/10

**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*  
Chloride content: 33,000 ppm Fluid volume: 1000 bbls  
Dewatering method used: evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Subscribed and sworn to before me this 28th day of April,  
2010.  
Notary Public: [Signature]  
Date Commission Expires: 9/23/13

GWYNNE L. TICE  
Notary Public, State of Kansas  
My Appt. Expires 9/23/13

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Dan Haffner Lease Name: haffner Well #: 1  
 Sec. 18 Twp. 9 S. R. 27  East  West County: sheridan

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

|   |   |       |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
|---|---|-------|-----|-------|-----------|---------|------|--------|------|------|---------|------|-------|---------|------|-------|---------|------|-------|-----|------|-------|----|------|-------|
| Drill Stem Tests Taken <input checked="" 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 checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><b>dual induction, porosity, micro, sonic.</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>anhydrite</td> <td>2365-96</td> <td>+393</td> </tr> <tr> <td>topeka</td> <td>3659</td> <td>-901</td> </tr> <tr> <td>heebner</td> <td>3872</td> <td>-1114</td> </tr> <tr> <td>toronto</td> <td>3893</td> <td>-1135</td> </tr> <tr> <td>lansing</td> <td>3910</td> <td>-1152</td> </tr> <tr> <td>bkc</td> <td>4140</td> <td>-1382</td> </tr> <tr> <td>TD</td> <td>4192</td> <td>-1434</td> </tr> </table> | Name  | Top | Datum | anhydrite | 2365-96 | +393 | topeka | 3659 | -901 | heebner | 3872 | -1114 | toronto | 3893 | -1135 | lansing | 3910 | -1152 | bkc | 4140 | -1382 | TD | 4192 | -1434 |
| Name  | Top   | Datum |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| anhydrite   | 2365-96   | +393  |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| topeka  | 3659  | -901  |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| heebner   | 3872  | -1114 |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| toronto   | 3893  | -1135 |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| lansing   | 3910  | -1152 |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| bkc   | 4140  | -1382 |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |
| TD  | 4192  | -1434 |     |       |           |         |      |        |      |      |         |      |       |         |      |       |         |      |       |     |      |       |    |      |       |

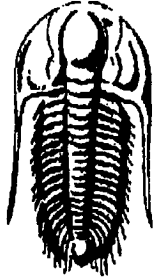
| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| 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 |
| surface   | 12/1/2            | 8/5/8                     | 20                | 262           | com            | 180          | 3%cc 2%gel                 |
| production  |                   | 5/1/2                     | 14                | 4190          | com            | 450          | 60/40pozmix/gel            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> 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 |
|----------------|---|--|-------|
| 4              | 4072-4076   | 1000 gal 15%acid   |       |
|                |   | <b>RECEIVED</b>  |       |
|                |   | <b>JUN 02 2010</b>   |       |
|                |   | <b>KCC WICHITA</b>   |       |

|   |                     |   |                       |   |
|---|---------------------|---|-----------------------|---|
| TUBING RECORD:                                  | Size: <u>2/7/8</u>  | Set At: <u>4125</u>   | Packer At:            | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. |                     | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                       |   |
| Estimated Production Per 24 Hours               | Oil Bbls. <u>35</u> | Gas Mcf   | Water Bbls. <u>10</u> | Gas-Oil Ratio <u>41</u>   |

|   |   |  |
|---|---|--|
| 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|---|--|



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Dan Haffner**

RR2 Box 49  
Hoxie, KS 67740

ATTN: Richard Bell

**18 9s27w Sheridan KS**

**Haffner #1**

Start Date: 2009.10.13 @ 12:10:00

End Date: 2009.10.13 @ 18:51:30

Job Ticket #: 35581                      DST #: 1

RECEIVED

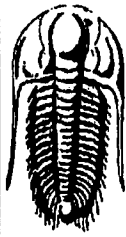
JUN 02 2010

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

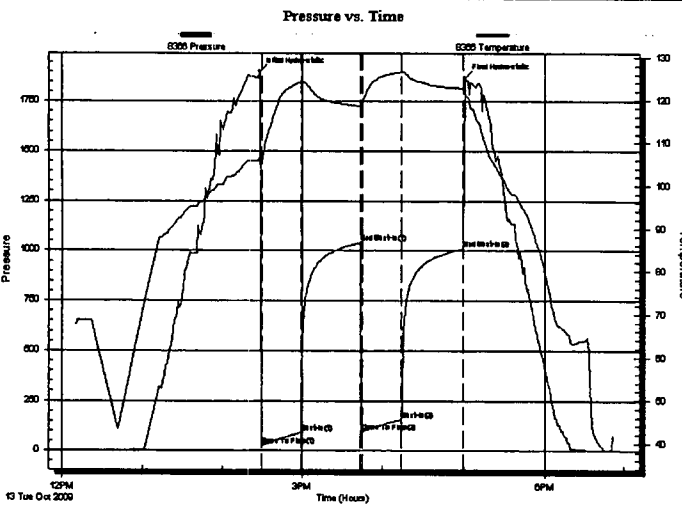
**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35581      **DST#: 1**  
Test Start: 2009.10.13 @ 12:10:00

## GENERAL INFORMATION:

Formation: **Toronto**  
Deviated: **No Whipstock:**                      **ft (KB)**  
Time Tool Opened: 14:29:30  
Time Test Ended: 18:51:30  
Interval: **3871.00 ft (KB) To 3904.00 ft (KB) (TVD)**  
Total Depth: **3904.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **James Winder**  
Unit No: **46**  
Reference Elevations: **2758.00 ft (KB)**  
**2748.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8366**      **Inside**  
Press@RunDepth: **155.66 psig @ 3872.00 ft (KB)**  
Start Date: **2009.10.13**      End Date: **2009.10.13**  
Start Time: **12:10:05**      End Time: **18:51:29**  
Capacity: **8000.00 psig**  
Last Calib.: **2009.10.13**  
Time On Btrm: **2009.10.13 @ 14:28:00**  
Time Off Btrm: **2009.10.13 @ 17:00:29**

**TEST COMMENT:** IF: Blow built to BOB in 19 min.  
IS: Bled off, No blow back  
FF: Blow built to BOB in 26 1/2 min.  
FSI: Bled off, No blow back



## PRESSURE SUMMARY

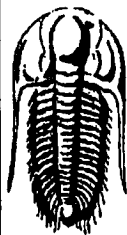
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1899.61         | 106.70       | Initial Hydro-static |
| 2           | 24.68           | 106.00       | Open To Flow (1)     |
| 32          | 92.99           | 124.24       | Shut-In(1)           |
| 76          | 1039.72         | 118.54       | End Shut-In(1)       |
| 77          | 95.96           | 119.19       | Open To Flow (2)     |
| 106         | 155.66          | 126.52       | Shut-In(2)           |
| 152         | 1010.38         | 122.64       | End Shut-In(2)       |
| 153         | 1869.85         | 121.14       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                 | Volume (bbl) |
|-------------|-----------------------------|--------------|
| 250.00      | MCW w/trace oil 80%w, 20%m  | 3.51         |
| 45.00       | VM w/trace oil 58%m, 42%w   | 0.63         |
| 0.00        | RW = .180 ohms @ 40.7 deg F | 0.00         |
| 0.00        | Chlorides = 74,000 ppm      | 0.00         |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35581      **DST#: 1**  
Test Start: 2009.10.13 @ 12:10:00

**Tool Information**

|                           |                    |                       |                   |                                    |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 3874.00 ft | Diameter: 3.80 inches | Volume: 54.34 bbl | Tool Weight: 2000.00 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: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl  | Weight to Pull Loose: 74000.00 lb  |
|                           |                    | <b>Total Volume:</b>  | <b>54.34 bbl</b>  | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 30.00 ft           |                       |                   | String Weight: Initial 41000.00 lb |
| Depth to Top Packer:      | 3871.00 ft         |                       |                   | Final 45000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                   |                                    |
| Interval between Packers: | 33.00 ft           |                       |                   |                                    |
| Tool Length:              | 60.00 ft           |                       |                   |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                   |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| S.I. Tool        | 5.00        |            |          | 3849.00    |                               |
| HYD S.I. Tool    | 5.00        |            |          | 3854.00    |                               |
| Jars             | 5.00        |            |          | 3859.00    |                               |
| Safety Joint     | 2.00        |            |          | 3861.00    |                               |
| Packer           | 5.00        |            |          | 3866.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 3871.00    |                               |
| Stubb            | 1.00        |            |          | 3872.00    |                               |
| Recorder         | 0.00        | 8366       | inside   | 3872.00    |                               |
| Recorder         | 0.00        | 8320       | inside   | 3872.00    |                               |
| Perforations     | 29.00       |            |          | 3901.00    |                               |
| Bullnose         | 3.00        |            |          | 3904.00    | 33.00 Bottom Packers & Anchor |

**Total Tool Length: 60.00**

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**JUN 02 2010**  
**KCC WICHITA**



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35581      DST#: 1  
Test Start: 2009.10.13 @ 12:10:00

**Mud and Cushion Information**

|                                  |                            |                 |           |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem               | Cushion Type:              | Oil API:        | deg API   |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Salinity: | 74000 ppm |
| Viscosity: 59.00 sec/qt          | Cushion Volume: bbl        |                 |           |
| Water Loss: 7.16 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: ohm.m               | Gas Cushion Pressure: psig |                 |           |
| Salinity: 700.00 ppm             |                            |                 |           |
| Filter Cake: 1.00 inches         |                            |                 |           |

**Recovery Information**

Recovery Table

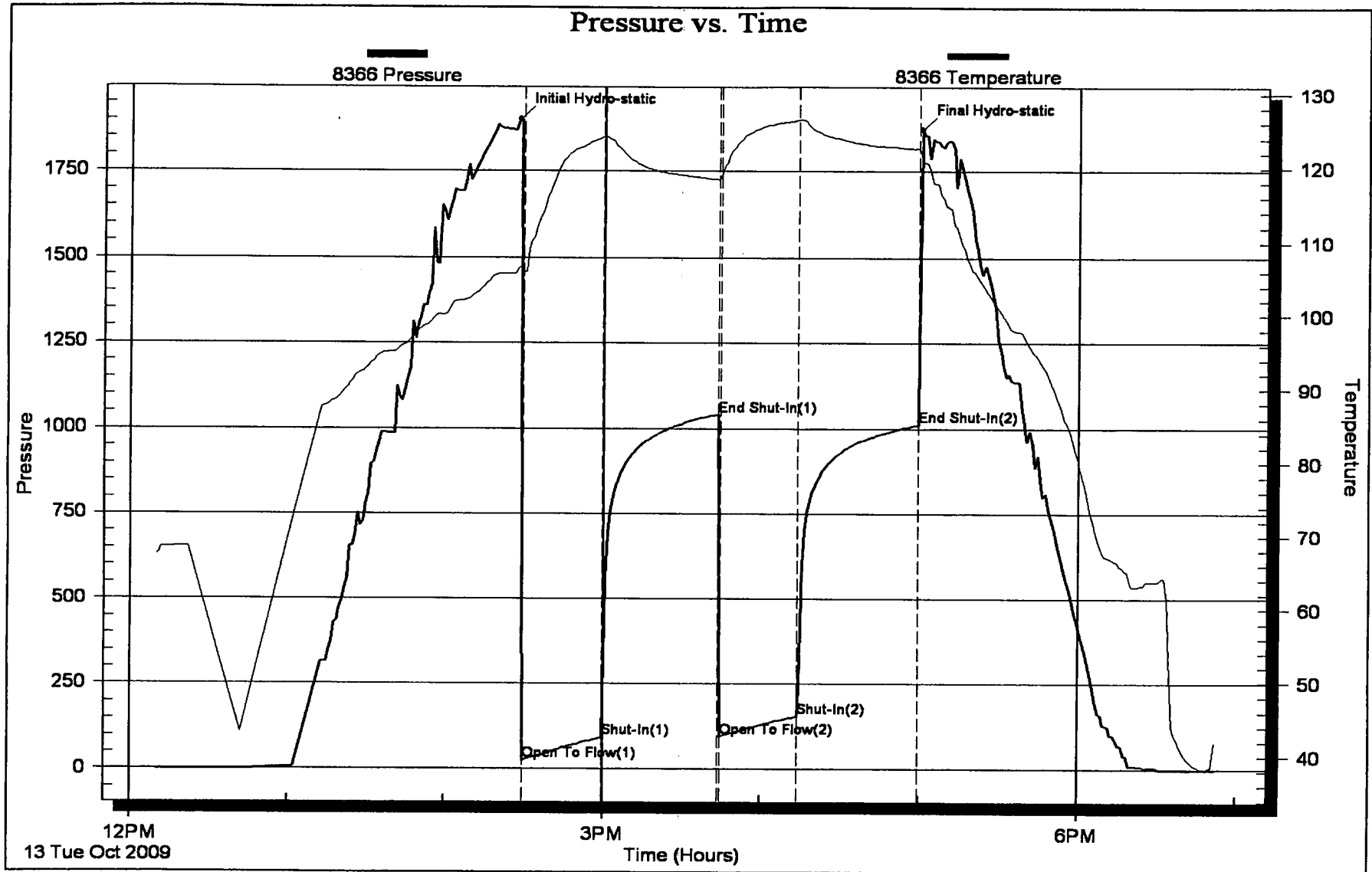
| Length ft | Description                 | Volume bbl |
|-----------|-----------------------------|------------|
| 250.00    | MCW w/trace oil 80%w , 20%m | 3.507      |
| 45.00     | WM w/trace oil 58%m, 42%w   | 0.631      |
| 0.00      | RW = .180 ohms @ 40.7 deg F | 0.000      |
| 0.00      | Chlorides = 74,000 ppm      | 0.000      |

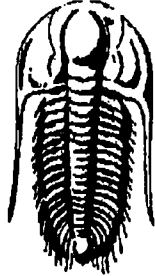
Total Length: 295.00 ft      Total Volume: 4.138 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Dan Haffner**

RR2 Box 49  
Hoxie, KS 67740

ATTN: Richard Bell

**18 9s27w Sheridan KS**

**Haffner #1**

Start Date: 2009.10.14 @ 04:00:00

End Date: 2009.10.14 @ 10:00:30

Job Ticket #: 35582                      DST #: 2

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JUN 02 2010  
KCC WICHITA**

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

Dan Haffner

Haffner #1

18 9s27w Sheridan KS

DST # 2

LKC "B - D"

2009.10.14





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dan Haffner

Haffner #1

RR2 Box 49  
Hoxie, KS 67740

18 9s27w Sheridan KS

ATTN: Richard Bell

Job Ticket: 35582

DST#: 2

Test Start: 2009.10.14 @ 04:00:00

## GENERAL INFORMATION:

Formation: LKC "B - D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:34:00

Time Test Ended: 10:00:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3930.00 ft (KB) To 3965.00 ft (KB) (TVD)

Total Depth: 3965.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2758.00 ft (KB)

2748.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8366 Inside

Press@RunDepth: 21.30 psig @ 3931.00 ft (KB)

Start Date: 2009.10.14

End Date:

2009.10.14

Start Time: 04:00:05

End Time:

10:00:29

Capacity: 8000.00 psig

Last Calib.: 2009.10.14

Time On Btm: 2009.10.14 @ 05:32:30

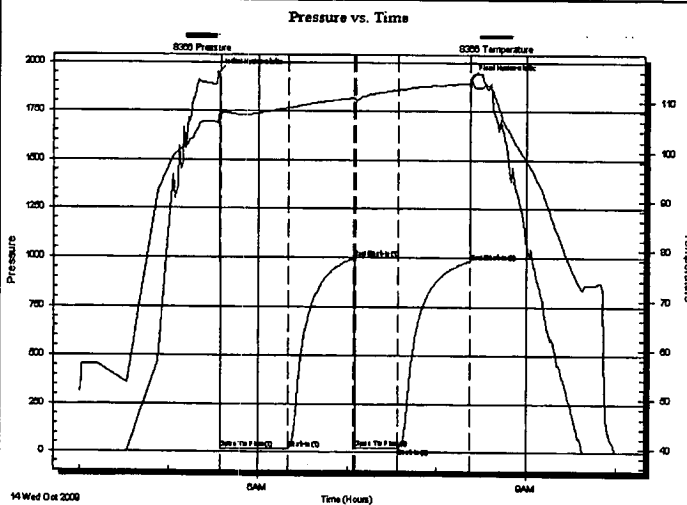
Time Off Btm: 2009.10.14 @ 08:22:59

TEST COMMENT: IF: Blow built to and blew at just under 1"

IS: Bled off, No blow back

FF: No blow

FS: No blow back



## PRESSURE SUMMARY

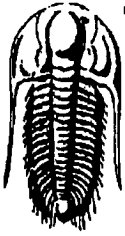
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1943.81         | 105.76       | Initial Hydro-static |
| 2           | 15.87           | 107.38       | Open To Flow (1)     |
| 48          | 19.08           | 108.81       | Shut-In (1)          |
| 92          | 996.55          | 110.83       | End Shut-In (1)      |
| 93          | 20.20           | 110.50       | Open To Flow (2)     |
| 122         | 21.30           | 112.50       | Shut-In (2)          |
| 170         | 981.96          | 113.92       | End Shut-In (2)      |
| 171         | 1916.96         | 114.70       | Final Hydro-static   |

## Recovery

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 12.00       | Mud 100%          | 0.17         |
| 0.00        | Oil spots in tool | 0.00         |
|             |                   |              |
|             |                   |              |
|             |                   |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35582      **DST#: 2**  
Test Start: 2009.10.14 @ 04:00:00

**Tool Information**

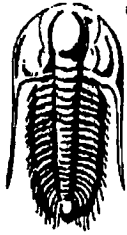
|                           |                    |                       |                   |                                    |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 3943.00 ft | Diameter: 3.80 inches | Volume: 55.31 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: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl  | Weight to Pull Loose: 65000.00 lb  |
|                           |                    | <b>Total Volume:</b>  | <b>55.31 bbl</b>  | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 33.00 ft           |                       |                   | String Weight: Initial 44000.00 lb |
| Depth to Top Packer:      | 3930.00 ft         |                       |                   | Final 44000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                   |                                    |
| Interval between Packers: | 35.00 ft           |                       |                   |                                    |
| Tool Length:              | 55.00 ft           |                       |                   |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                   |                                    |

Tool Comments:

**Tool Description**

| Tool Description          | Length (ft)  | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|---------------------------|--------------|------------|----------|------------|------------------------------------|
| S.I. Tool                 | 5.00         |            |          | 3915.00    |                                    |
| HYD S.I. Tool             | 5.00         |            |          | 3920.00    |                                    |
| Packer                    | 5.00         |            |          | 3925.00    | 20.00      Bottom Of Top Packer    |
| Packer                    | 5.00         |            |          | 3930.00    |                                    |
| Stubb                     | 1.00         |            |          | 3931.00    |                                    |
| Recorder                  | 0.00         | 8366       | inside   | 3931.00    |                                    |
| Recorder                  | 0.00         | 8320       | inside   | 3931.00    |                                    |
| Perforations              | 31.00        |            |          | 3962.00    |                                    |
| Bullnose                  | 3.00         |            |          | 3965.00    | 35.00      Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>55.00</b> |            |          |            |                                    |

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dan Haffner

**Haffner #1**

RR2 Box 49  
Hoxie, KS 67740

**18 9s27w Sheridan KS**

Job Ticket: 35582

**DST#: 2**

ATTN: Richard Bell

Test Start: 2009.10.14 @ 04:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Gas Cushion Type:

Water Loss: 7.14 in<sup>3</sup>

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description       | Volume<br>bbl |
|--------------|-------------------|---------------|
| 12.00        | Mud 100%          | 0.168         |
| 0.00         | Oil spots in tool | 0.000         |

Total Length: 12.00 ft      Total Volume: 0.168 bbl

Num Fluid Samples: 0

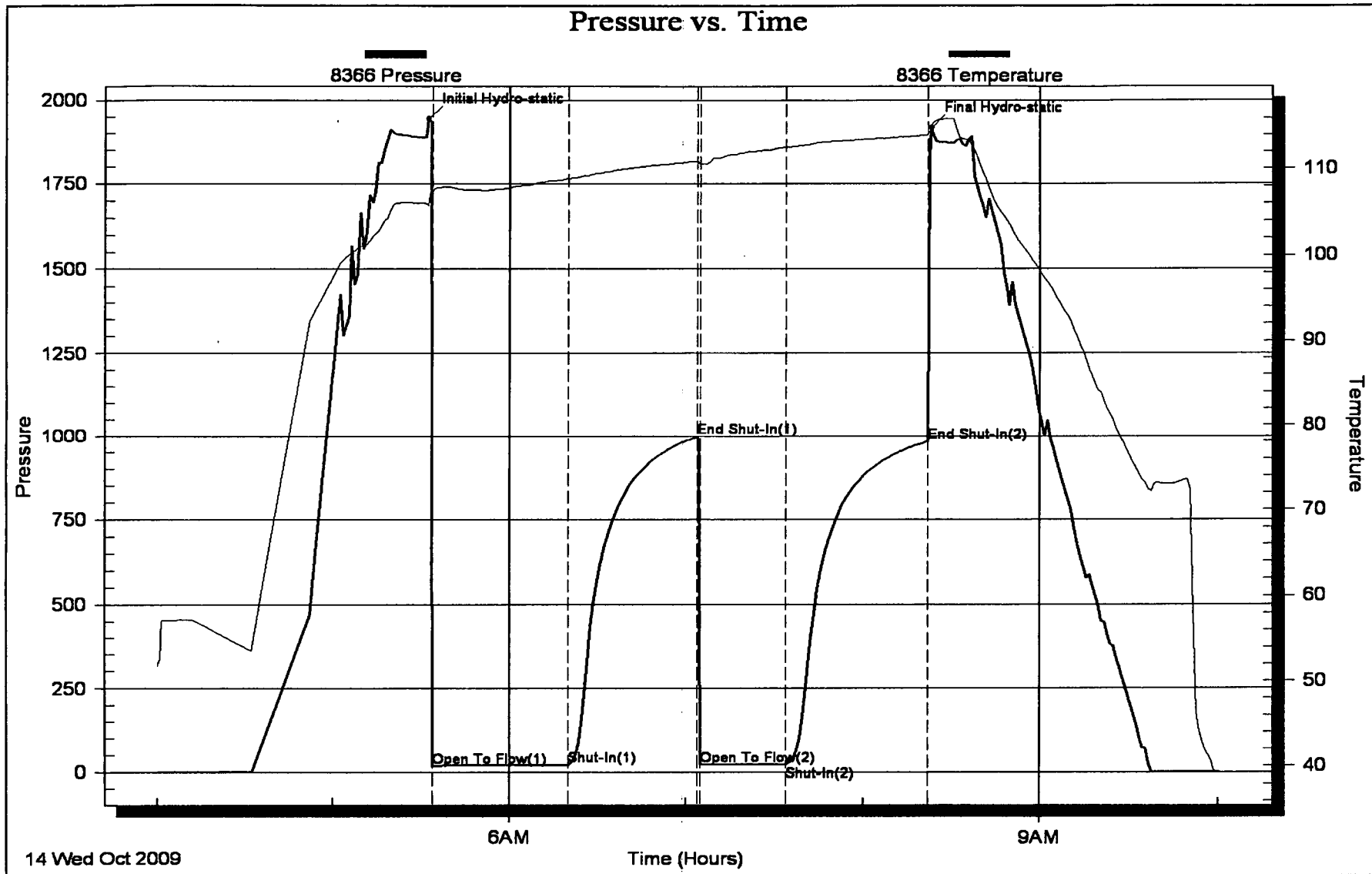
Num Gas Bombs: 0

Serial #:

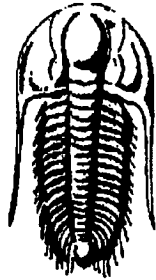
Laboratory Name:

Laboratory Location:

Recovery Comments:



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TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Dan Haffner**

RR2 Box 49  
Hoxie, KS 67740

ATTN: Richard Bell

**18 9s27w Sheridan KS**

**Haffner #1**

Start Date: 2009.10.15 @ 00:25:00

End Date: 2009.10.15 @ 06:30:00

Job Ticket #: 35583                      DST #: 3

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

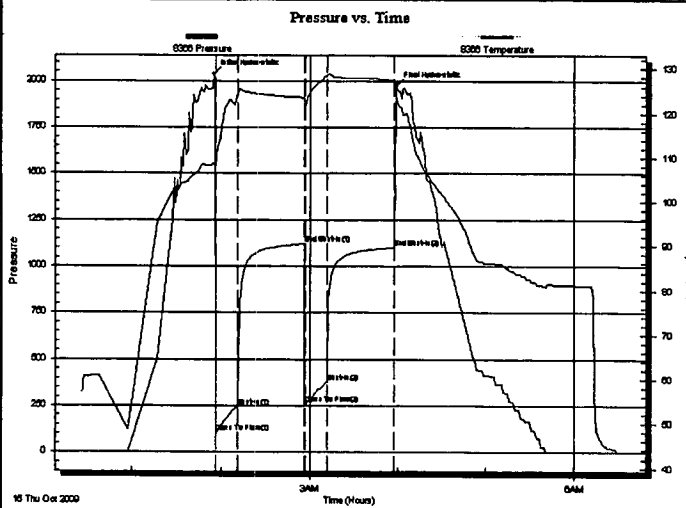
**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35583      **DST#: 3**  
Test Start: 2009.10.15 @ 00:25:00

## GENERAL INFORMATION:

Formation: **LKC "H - I"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 01:56:30  
Time Test Ended: 06:30:00  
Interval: **4020.00 ft (KB) To 4076.00 ft (KB) (TVD)**  
Total Depth: **4076.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: James Winder  
Unit No: 46  
Reference Elevations: 2758.00 ft (KB)  
2748.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8366** Inside  
Press@RunDepth: 379.34 psig @ 4021.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2009.10.15 End Date: 2009.10.15 Last Calib.: 2009.10.15  
Start Time: 00:25:05 End Time: 06:29:59 Time On Btrm: 2009.10.15 @ 01:55:00  
Time Off Btrm: 2009.10.15 @ 03:59:00

**TEST COMMENT:** IF: Blow built to BOB in 2 min.  
IS: Blow back built to BOB in 18 min., slowly dying back @ 30 min.  
FF: Blow built to BOB in 3 min.  
FS: Blow back built to 10 1/2" in 30 min.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2036.36         | 108.50       | Initial Hydro-static |
| 2           | 106.32          | 107.90       | Open To Flow (1)     |
| 17          | 244.72          | 124.30       | Shut-In(1)           |
| 61          | 1122.56         | 123.53       | End Shut-In(1)       |
| 62          | 259.58          | 122.44       | Open To Flow (2)     |
| 77          | 379.34          | 128.33       | Shut-In(2)           |
| 123         | 1101.30         | 127.39       | End Shut-In(2)       |
| 124         | 1972.24         | 124.48       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                   | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 85.00       | GMO 51%o, 40%m, 9%g           | 1.19         |
| 265.00      | GMCO 50%o, 26%g, 24%m         | 3.72         |
| 560.00      | GVMCO 51%o, 22%g, 17%m, 10%w  | 7.86         |
| 0.00        | Gravity = 39.2 api @ 46 deg F | 0.00         |
| 0.00        | Corrected Gravity = 40.6 api  | 0.00         |
| 0.00        | GIP = 950' (weak odor)        | 0.00         |

## Gas Rates

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



**TRILOBITE  
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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740

**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35583      **DST#: 3**  
Test Start: 2009.10.15 @ 00:25:00

ATTN: Richard Bell

**Tool Information**

|                           |                    |                       |                   |                                    |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 4007.00 ft | Diameter: 3.80 inches | Volume: 56.21 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: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl  | Weight to Pull Loose: 60000.00 lb  |
|                           |                    | <b>Total Volume:</b>  | <b>56.21 bbl</b>  | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 7.00 ft            |                       |                   | String Weight: Initial 42000.00 lb |
| Depth to Top Packer:      | 4020.00 ft         |                       |                   | Final 44000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                   |                                    |
| Interval between Packers: | 56.00 ft           |                       |                   |                                    |
| Tool Length:              | 76.00 ft           |                       |                   |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                   |                                    |

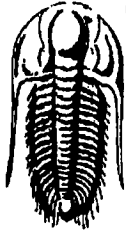
Tool Comments:

**Tool Description**

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|------------------|-------------|------------|----------|------------|------------------------------------|
| S.I. Tool        | 5.00        |            |          | 4005.00    |                                    |
| HYD S.I. Tool    | 5.00        |            |          | 4010.00    |                                    |
| Packer           | 5.00        |            |          | 4015.00    | 20.00      Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 4020.00    |                                    |
| Stubb            | 1.00        |            |          | 4021.00    |                                    |
| Recorder         | 0.00        | 8366       | inside   | 4021.00    |                                    |
| Recorder         | 0.00        | 8320       | inside   | 4021.00    |                                    |
| Perforations     | 15.00       |            |          | 4036.00    |                                    |
| Blank Spacing    | 33.00       |            |          | 4069.00    |                                    |
| Perforations     | 4.00        |            |          | 4073.00    |                                    |
| Bullnose         | 3.00        |            |          | 4076.00    | 56.00      Bottom Packers & Anchor |

**Total Tool Length: 76.00**

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TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Dan Haffner

Haffner #1

RR2 Box 49  
Hoxie, KS 67740

18 9s27w Sheridan KS

Job Ticket: 35583

DST#: 3

ATTN: Richard Bell

Test Start: 2009.10.15 @ 00:25:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 6.78 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

40.6 deg API

Water Salinity:

ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description                   | Volume<br>bbl |
|--------------|-------------------------------|---------------|
| 85.00        | GMO 51%o, 40%m, 9%g           | 1.192         |
| 265.00       | GMCO 50%o, 26%g, 24%m         | 3.717         |
| 560.00       | GVMCO 51%o, 22%g, 17%m, 10%w  | 7.855         |
| 0.00         | Gravity = 39.2 api @ 46 deg F | 0.000         |
| 0.00         | Corrected Gravity = 40.6 api  | 0.000         |
| 0.00         | GIP = 950' (weak odor)        | 0.000         |

Total Length: 910.00 ft

Total Volume: 12.764 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

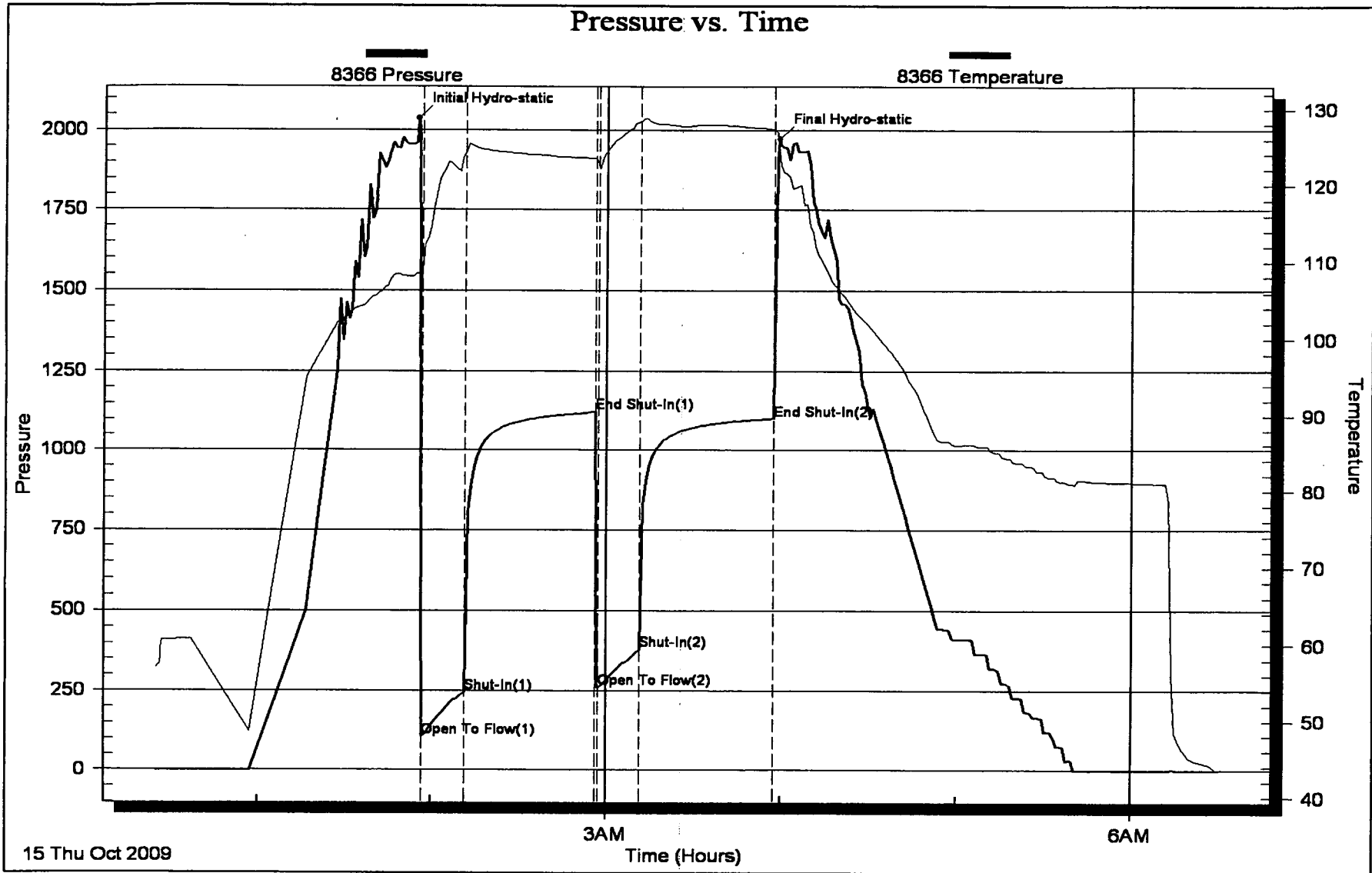
Serial #:

Laboratory Name:

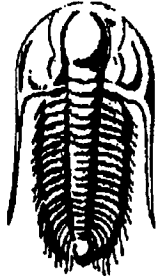
Laboratory Location:

Recovery Comments:





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TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Dan Haffner**

RR2 Box 49  
Hoxie, KS 67740

ATTN: Richard Bell

**18 9s27w Sheridan KS**

**Haffner #1**

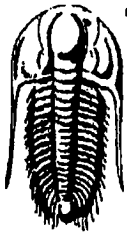
Start Date: 2009.10.15 @ 16:45:00

End Date: 2009.10.15 @ 22:44:00

Job Ticket #: 35584                      DST #: 4

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dan Haffner

**Haffner #1**

RR2 Box 49  
Hoxie, KS 67740

**18 9s27w Sheridan KS**

Job Ticket: 35584

**DST#: 4**

ATTN: Richard Bell

Test Start: 2009.10.15 @ 16:45:00

## GENERAL INFORMATION:

Formation: LKC "K - L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:27:00

Time Test Ended: 22:44:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 4096.00 ft (KB) To 4142.00 ft (KB) (TVD)

Total Depth: 4142.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2758.00 ft (KB)

2748.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8366** Inside

Press@RunDepth: 95.12 psig @ 4097.00 ft (KB)

Start Date: 2009.10.15

End Date:

2009.10.15

Start Time: 16:45:05

End Time:

22:43:59

Capacity: 8000.00 psig

Last Calib.: 2009.10.15

Time On Btm: 2009.10.15 @ 18:25:00

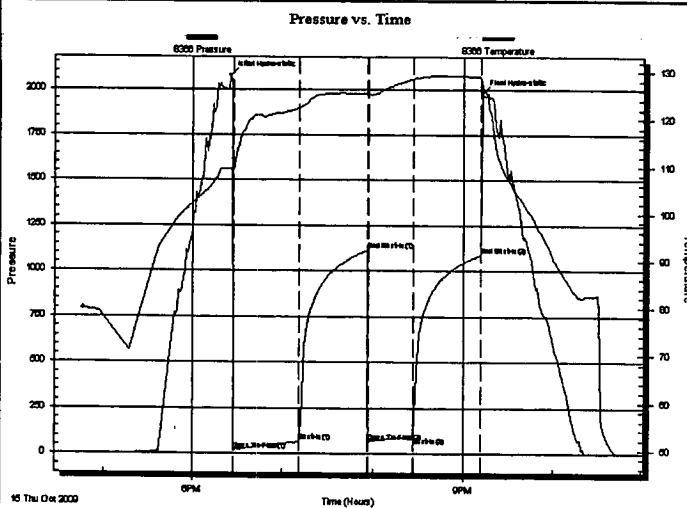
Time Off Btm: 2009.10.15 @ 21:12:29

TEST COMMENT: IF: Blow built to 9"

IS: Bled off, No blow back

FF: Blow started @ 4 1/2 min., built to 3 1/2"

FS: Bled off, No blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2073.80         | 109.59       | Initial Hydro-static |
| 2           | 20.03           | 109.21       | Open To Flow (1)     |
| 47          | 65.19           | 122.47       | Shut-In(1)           |
| 91          | 1113.24         | 125.44       | End Shut-In(1)       |
| 92          | 68.47           | 125.05       | Open To Flow (2)     |
| 122         | 95.12           | 128.45       | Shut-In(2)           |
| 167         | 1087.96         | 128.89       | End Shut-In(2)       |
| 168         | 1976.74         | 127.21       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                 | Volume (bbl) |
|-------------|-----------------------------|--------------|
| 155.00      | MCW 84%w, 16%m              | 2.17         |
| 0.00        | RW = .186 ohms @ 50.7 deg F | 0.00         |
| 0.00        | Chlorides = 58,000 ppm      | 0.00         |
|             |                             |              |
|             |                             |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Dan Haffner  
RR2 Box 49  
Hoxie, KS 67740  
ATTN: Richard Bell

**Haffner #1**  
**18 9s27w Sheridan KS**  
Job Ticket: 35584      **DST#: 4**  
Test Start: 2009.10.15 @ 16:45:00

**Tool Information**

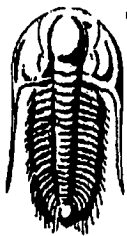
|                           |                    |                       |                   |                                    |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 4103.00 ft | Diameter: 3.80 inches | Volume: 57.55 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: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl  | Weight to Pull Loose: 62000.00 lb  |
|                           |                    | <b>Total Volume:</b>  | <b>57.55 bbl</b>  | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 27.00 ft           |                       |                   | String Weight: Initial 44000.00 lb |
| Depth to Top Packer:      | 4096.00 ft         |                       |                   | Final 45000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                   |                                    |
| Interval between Packers: | 46.00 ft           |                       |                   |                                    |
| Tool Length:              | 66.00 ft           |                       |                   |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                   |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|------------------|-------------|------------|----------|------------|------------------------------------|
| S.I. Tool        | 5.00        |            |          | 4081.00    |                                    |
| HYD S.I. Tool    | 5.00        |            |          | 4086.00    |                                    |
| Packer           | 5.00        |            |          | 4091.00    | 20.00      Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 4096.00    |                                    |
| Stubb            | 1.00        |            |          | 4097.00    |                                    |
| Recorder         | 0.00        | 8366       | inside   | 4097.00    |                                    |
| Recorder         | 0.00        | 8320       | inside   | 4097.00    |                                    |
| Perforations     | 5.00        |            |          | 4102.00    |                                    |
| Blank Spacing    | 33.00       |            |          | 4135.00    |                                    |
| Perforations     | 4.00        |            |          | 4139.00    |                                    |
| Bullnose         | 3.00        |            |          | 4142.00    | 46.00      Bottom Packers & Anchor |

**Total Tool Length: 66.00**

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dan Haffner

**Haffner #1**

RR2 Box 49  
Hoxie, KS 67740

**18 9s27w Sheridan KS**

Job Ticket: 35584      **DST#: 4**

ATTN: Richard Bell

Test Start: 2009.10.15 @ 16:45:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

58000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description                 | Volume<br>bbl |
|--------------|-----------------------------|---------------|
| 155.00       | MCW 84%w, 16%m              | 2.174         |
| 0.00         | RW = .186 ohms @ 50.7 deg F | 0.000         |
| 0.00         | Chlorides = 58,000 ppm      | 0.000         |

Total Length: 155.00 ft

Total Volume: 2.174 bbl

Num Fluid Samples: 0

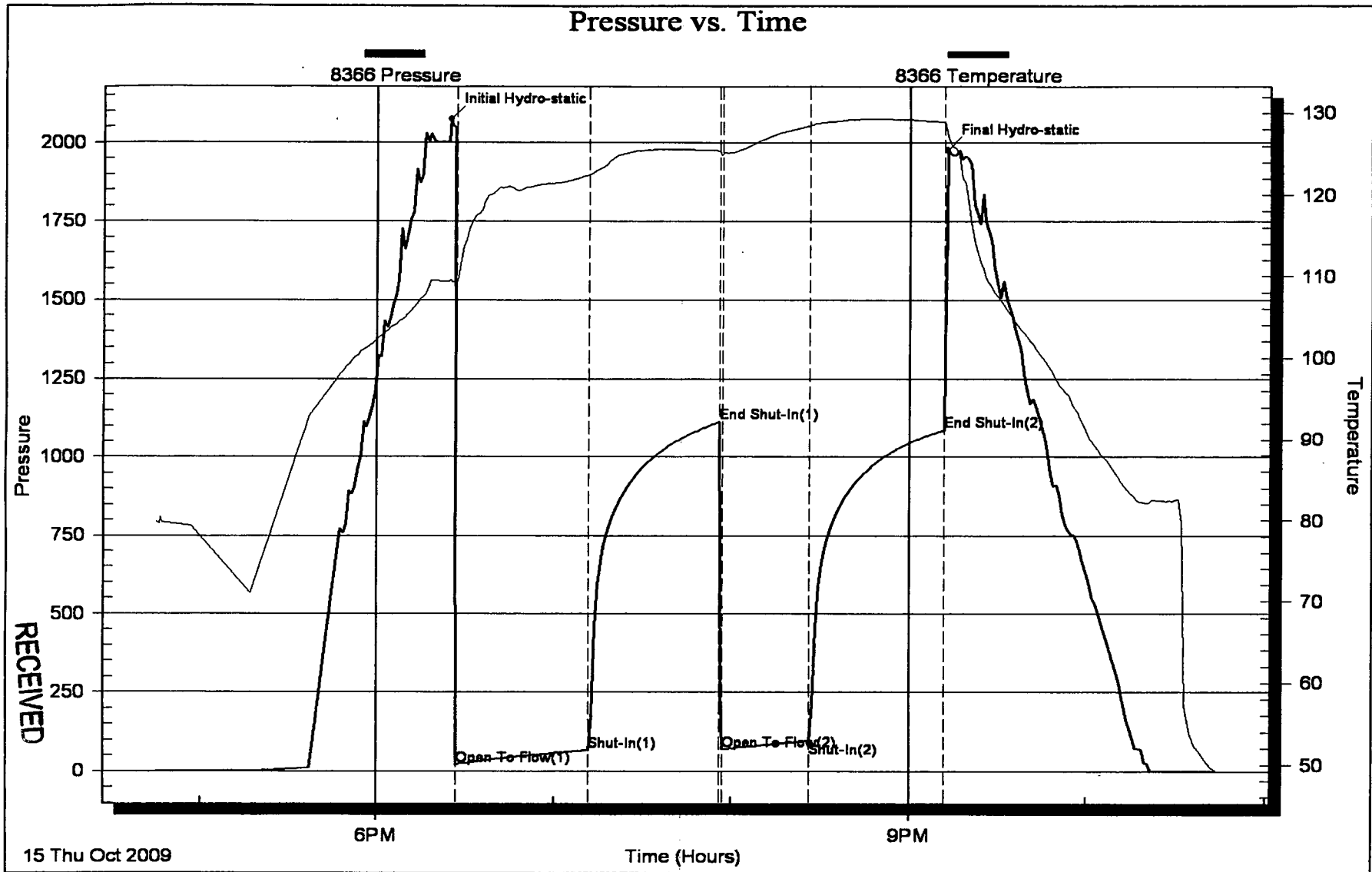
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

390

|                                       |            |                |             |                  |                 |
|---------------------------------------|------------|----------------|-------------|------------------|-----------------|
| DATE <i>11/10</i> SEC. <i>12/9/27</i> | RANGE/TWP. | CALLED OUT     | ON LOCATION | JOB START        | JOB FINISH      |
| LEASE <i>Flanagan #1</i>              |            | WELL# <i>1</i> |             | COUNTY <i>SD</i> | STATE <i>KS</i> |

|                              |                          |                     |                |  |
|------------------------------|--------------------------|---------------------|----------------|--|
| CONTRACTOR <i>South Wind</i> | OWNER <i>Flanagan #1</i> |                     |                |  |
| TYPE OF JOB                  |                          |                     |                |  |
| HOLE SIZE <i>12 1/4</i>      | T.D. <i>266</i>          | CEMENT              |                |  |
| CASING SIZE <i>8 3/4</i>     | DEPTH                    | AMOUNT ORDERED      |                |  |
| TUBING SIZE                  | DEPTH <i>264</i>         |                     |                |  |
| DRILL PIPE                   | DEPTH                    |                     |                |  |
| TOOL                         | DEPTH                    |                     |                |  |
| PRES. MAX                    | MINIMUM                  | COMMON <i>190</i>   | @ <i>14.50</i> |  |
| DISPLACEMENT <i>15.5161</i>  | SHOE JOINT               | POZMIX              | @              |  |
| CEMENT LEFT IN CSG.          |                          | GEL <i>3</i>        | @ <i>26</i>    |  |
| PERFS                        |                          | CHLORIDE <i>5</i>   | @ <i>57</i>    |  |
|                              |                          | ASC                 | @              |  |
| EQUIPMENT                    |                          |                     | @              |  |
|                              |                          |                     | @              |  |
| PUMP TRUCK                   |                          |                     | @              |  |
| # <i>Torval</i>              |                          |                     | @              |  |
| BULK TRUCK                   |                          |                     | @              |  |
| # <i>Dusty</i>               |                          |                     | @              |  |
| BULK TRUCK                   |                          |                     | @              |  |
| #                            |                          |                     | @              |  |
|                              |                          |                     | @              |  |
|                              |                          | HANDLING <i>150</i> | @ <i>15</i>    |  |
|                              |                          | MILEAGE <i>8</i>    | @              |  |
|                              |                          |                     | TOTAL          |  |

|                           |                       |               |             |
|---------------------------|-----------------------|---------------|-------------|
| REMARKS                   | SERVICE <i>Sutton</i> |               |             |
| <i>Plug Down 12:15 PM</i> | DEPT OF JOB           | @             |             |
| <i>Line Landed to Pit</i> | PUMP TRUCK CHARGE     | @             | <i>9.50</i> |
|                           | EXTRA FOOTAGE         | @             |             |
|                           | MILEAGE <i>8</i>      | @ <i>6.25</i> |             |
|                           | MANIFOLD              | @             | <i>100</i>  |
|                           |                       | @             |             |
|                           |                       | TOTAL         |             |

|                            |       |
|----------------------------|-------|
| CHARGE TO: <i>Flanagan</i> |       |
| STREET                     | STATE |
| CITY                       | ZIP   |

To: Schippers Oil Field Service LLC  
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

RECEIVED  
JUN 02 2010

KCC WICHITA

SIGNATURE

*Frank Land*

PRINTED NAME

|                                 |                |
|---------------------------------|----------------|
| PLUG & FLOAT EQUIPMENT          |                |
| <i>8 1/2</i>                    | @ <i>67.50</i> |
|                                 | @              |
|                                 | @              |
|                                 | @              |
|                                 | @              |
|                                 | @              |
|                                 | TOTAL          |
| TAX                             |                |
| TOTAL CHARGE <i>4,000 + Tax</i> |                |
| DISCOUNT (IF PAID IN 20 DAYS)   |                |

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "SOS" shall mean Schippers Oil Field Services, LLC. and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

**--TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to SOS before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of SOS, refunded directly to CUSTOMER. For purposes of this paragraph, SOS and CUSTOMER agrees that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

**--ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

**--PRICES AND TAXES:** All merchandise listed in SOS's current price schedule are F.O.B. SOS's local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by SOS shall be added to the quoted prices charged to CUSTOMER.

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**--PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay SOS for the expenses incurred by SOS as a result of the cancellation.

**--DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set for in SOS'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

### **--SERVICE CONDITIONS AND LIABILITIES:**

1. SOS carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond SOS'S control, SOS shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless SOS, its officers, agents and employees, from and against any and all claims or suits for:

A. Damage to property or for bodily injury, sickness, disease, or death, brought by any person including CUSTOMER and/or the well owner; and:

B. Oil spill, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with SOS'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of SOS or its employees.

2. With respect to any of SOS'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to SOS at the landing. CUSTOMER shall either recover the lost item without cost to SOS or reimburse SOS the current replacement cost of the item unless the loss or damage results from the sole negligence of SOS or its employees.

3. SOS does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

### **--WARRANTIES:**

1. SOS warrants all merchandise manufacture or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. SOS'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, as its option, for any merchandise which is determined by SOS to be defective. **THIS IS THE SOLE WARRANTY OF SOS AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and SOS shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.**

2. More specifically:

A. Nothing in this contract shall be construed as a warranty by SOS of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

B. Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by SOS or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by SOS, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of SOS or its employees in the preparation or furnishing of such facts, information or data.

C. Work done by SOS shall be under the direct supervision and control of the CUSTOMER or his agent and SOS will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



REMIT #0  
 RR 1 BOX 90 D  
 HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

392

| DATE  | SEC. | RANGE/TWP. | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
|-------|------|------------|------------|-------------|-----------|------------|
|       |      |            |            |             | COUNTY    | STATE      |
| LEASE |      |            | WELL # /   |             |           |            |

|                     |            |                |  |   |       |
|---------------------|------------|----------------|--|---|-------|
| CONTRACTOR          |            | OWNER          |  |   |       |
| TYPE OF JOB         |            |                |  |   |       |
| HOLE SIZE           | T.D.       | CEMENT         |  |   |       |
| CASING SIZE         | DEPTH      | AMOUNT ORDERED |  |   |       |
| TUBING SIZE         | DEPTH      |                |  |   |       |
| DRILL PIPE          | DEPTH      |                |  |   |       |
| TOOL                | DEPTH      |                |  |   |       |
| PRES. MAX           | MINIMUM    | COMMON         |  | @ | 175   |
| DISPLACEMENT        | SHOE JOINT | POZMIX         |  | @ |       |
| CEMENT LEFT IN CSG. |            | GEL            |  | @ |       |
| PERFS               |            | CHLORIDE       |  | @ |       |
|                     |            | ASC            |  | @ |       |
| EQUIPMENT           |            |                |  | @ |       |
|                     |            |                |  | @ |       |
| PUMP TRUCK          |            |                |  | @ | 500   |
| #                   |            |                |  | @ |       |
| BULK TRUCK          |            |                |  | @ |       |
| #                   |            |                |  | @ |       |
| BULK TRUCK          |            |                |  | @ |       |
| #                   |            |                |  | @ |       |
|                     |            |                |  | @ |       |
|                     |            | HANDLNG        |  | @ |       |
|                     |            | MILEAGE        |  | @ |       |
|                     |            |                |  |   | TOTAL |

| REMARKS | SERVICE           |   |       |
|---------|-------------------|---|-------|
|         | DEPT OF JOB       | @ |       |
|         | PUMP TRUCK CHARGE | @ | 150   |
|         | EXTRA FOOTAGE     | @ |       |
|         | MILEAGE           | @ |       |
|         | MANIFOLD          | @ |       |
|         |                   | @ |       |
|         |                   |   | TOTAL |

|            |       |
|------------|-------|
| CHARGE TO: |       |
| STREET     | STATE |
| CITY       | ZIP   |

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RECEIVED  
 JUN 02 2010  
 KCC WICHITA

| PLUG & FLOAT EQUIPMENT        |   |       |
|-------------------------------|---|-------|
|                               | @ |       |
|                               | @ |       |
|                               | @ |       |
|                               | @ |       |
|                               | @ |       |
|                               |   | TOTAL |
| TAX                           |   |       |
| TOTAL CHARGE                  |   |       |
| DISCOUNT (IF PAID IN 20 DAYS) |   |       |

SIGNATURE

PRINTED NAME

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A. Damage to property or for bodily injury, sickness, disease, or death, brought by any person including CUSTOMER and/or the well owner; and:

B. Oil spill, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with SOS'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of SOS or its employees.

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REMIT TO  
RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

393

|              |         |                 |                    |             |           |            |
|--------------|---------|-----------------|--------------------|-------------|-----------|------------|
| DATE 7/16    | SEC. 18 | RANGE/TWP. 9/-1 | CALLED OUT         | ON LOCATION | JOB START | JOB FINISH |
| LEASE H- ... |         |                 | WELL# 1            |             |           |            |
|              |         |                 | COUNTY SD STATE KS |             |           |            |

|                     |           |              |                |        |             |
|---------------------|-----------|--------------|----------------|--------|-------------|
| CONTRACTOR          | S...      | OWNER        |                |        |             |
| TYPE OF JOB         | Top Stage |              |                |        |             |
| HOLE SIZE           |           | T.D. 4196    | CEMENT         | 450 SX |             |
| CASING SIZE         | 51        | DEPTH        | AMOUNT ORDERED |        |             |
| TUBING SIZE         |           | DEPTH        |                |        |             |
| DRILL PIPE          | 41        | DEPTH        | 61/40          | 6%     |             |
| TOOL                |           | DEPTH        |                |        |             |
| PRES. MAX           |           | MINIMUM      | COMMON         | 270    | @ 11" 391.5 |
| DISPLACEMENT        | 51.5      | SHOE JOINT   | POZMIX         | 180    | @ 8" 26     |
| CEMENT LEFT IN CSG. |           |              | GEL            | 27     | @ 26        |
| PERFS               |           |              | CHLORIDE       |        | @           |
|                     |           |              | ASC            |        | @           |
| EQUIPMENT           |           |              |                |        | @           |
| PUMP TRUCK          |           |              |                |        | @           |
| #                   | J...      |              |                |        | @           |
| BULK TRUCK          |           |              |                |        | @           |
| #                   | J...      |              |                |        | @           |
| BULK TRUCK          |           | DV Tool 2382 |                |        | @           |
| #                   | Das,      |              |                |        | @           |
|                     |           |              |                |        | @           |
|                     |           |              | HANDLNG        |        | @           |
|                     |           |              | MILEAGE        |        | @           |
|                     |           |              |                |        | TOTAL       |

|         |  |                   |           |       |      |
|---------|--|-------------------|-----------|-------|------|
| REMARKS |  | SERVICE           | Top Stage |       |      |
|         |  | DEPT OF JOB       |           | @     |      |
|         |  | PUMP TRUCK CHARGE |           | @     | 1025 |
|         |  | EXTRA FOOTAGE     |           | @     |      |
|         |  | MILEAGE           |           | @     |      |
|         |  | MANIFOLD          |           | @     |      |
|         |  |                   |           | @     |      |
|         |  |                   |           | TOTAL |      |

|                 |       |
|-----------------|-------|
| CHARGE TO: H... |       |
| STREET          | STATE |
| CITY            | ZIP   |

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RECEIVED  
JUN 02 2010  
KCC WICHITA

|                               |       |
|-------------------------------|-------|
| PLUG & FLOAT EQUIPMENT        |       |
|                               | @     |
|                               | @     |
|                               | @     |
|                               | @     |
|                               | @     |
|                               | TOTAL |
| TAX                           |       |
| TOTAL CHARGE                  |       |
| DISCOUNT (IF PAID IN 20 DAYS) |       |

SIGNATURE

PRINTED NAME

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