



KANSAS CORPORATION COMMISSION 1069568  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33936  
Name: Griffin, Charles N.  
Address 1: PO BOX 347  
Address 2: \_\_\_\_\_  
City: PRATT State: KS Zip: 67124 + 0347  
Contact Person: Charles N. Griffin  
Phone: (620) 672-9700  
CONTRACTOR: License # 33549  
Name: Landmark Drilling, LLC  
Wellsite Geologist: Bruce A. Reed  
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 #: \_\_\_\_\_

| 10/13/2011                        | 10/24/2011      | 11/8/2011                               |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 15-077-21765-00-00

Spot Description:  
NE NW NE Sec. 9 Twp. 34 S. R. 8  East  West  
330 Feet from  North /  South Line of Section  
1650 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Harper  
Lease Name: Scrivner Well #: B1  
Field Name: Wharton

Producing Formation: N/A

Elevation: Ground: 1339 Kelly Bushing: 1347

Total Depth: 5250 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 268 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: 0 ppm Fluid volume: 710 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Woolsey Operating Co LLC

Lease Name: Schooley A-1 SWD License #: 33168

Quarter SW Sec. 4 Twp. 35 S. R. 11  East  West

County: Berber Permit #: D-30644

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: Deanna Garrison Date: 03/01/2012



1069568

Operator Name: Griffin, Charles N. Lease Name: Scrivner Well #: B1

Sec. 9 Twp. 34 S. R. 8  East  West County: Harper

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input checked="" 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>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run:<br><br>Dual Induction Log<br>Cement Bond Log/Compensated Density Neutron Log | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum<br>Attached Attached Attached |
|---|---|

| 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   | 12.25             | 8.625                     | 23                | 268           | Common         | 200          |                            |
| Production  | 7.875             | 5.5                       | 15.5              | 5247          | AA2            | 315          |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |              |                            |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate                         |                  |                |              |                            |
| ___ Protect Casing                    |                  |                |              |                            |
| ___ Plug Back TD                      | -                |                |              |                            |
| ___ 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 |
|----------------|---|--|-------|
| 3              | 4833-4837   | 100 Sacks Common   |       |
| 3              | 4456-4474   | 2000 gals 15% hcl squeeze w/200<br>sacks common  |       |
|                |   |  |       |
|                |   |  |       |

|  |  |
|--|--|
| TUBING RECORD: Size: <u>2.875</u> Set At: <u>4569</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
| Date of First, Resumed Production, SWD or ENHR.  | Producing Method:<br><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>0</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>0</u> Gravity <u>0</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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5) (Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br><u>N/A</u> |
|---|--|------------------------------------|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Griffin, Charles N.    |
| Well Name | Scrivner B1            |
| Doc ID    | 1069568                |

Tops

|                    |      |      |
|--------------------|------|------|
|                    |      |      |
| Kansas City        | 4053 | 2706 |
| Stark Shale        | 4204 | 2857 |
| Bottom Kansas City | 4296 | 2949 |
| Fort Scott         | 4464 | 3117 |
| Mississippian      | 4626 | 3279 |
| Kinderhook         | 4970 | 3623 |
| Viola              | 5056 | 3709 |
| Simpson Sand       | 5087 | 3740 |
| Arbuckle           | 5108 | 3761 |

# ALLIED CEMENTING CO., LLC. 037815

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Medicine Lodge, KS*

|   |               |                 |                  |            |             |                      |                 |
|---|---------------|-----------------|------------------|------------|-------------|----------------------|-----------------|
| DATE <u>10-14-11</u>  | SEC <u>09</u> | TWP. <u>34s</u> | RANGE <u>28w</u> | CALLED OUT | ON LOCATION | JOB START            | JOB FINISH      |
| LEASE <u>Scrubber</u> WELL # <u>B-1</u> LOCATION <u>2 1/2 W. Walker Rd, 3 1/2 mi S of</u> |               |                 |                  |            |             | COUNTY <u>Hogman</u> | STATE <u>KS</u> |
| OLD OR <u>NEW</u> (Circle one)  |               |                 |                  |            |             |                      |                 |

CONTRACTOR Landmark  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 268  
 CASING SIZE 8 1/4 DEPTH 267  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 250 MINIMUM  
 MEAS. LINE SHOE JOINT NA  
 CEMENT LEFT IN CSG. 20'  
 PERFS.  
 DISPLACEMENT 15 1/4 Bbls Fresh H<sub>2</sub>O

OWNER Charles N. Gaiffa

CEMENT  
 AMOUNT ORDERED 2000x class A - 37cc + 2 1/2 bagel

EQUIPMENT

PUMP TRUCK CEMENTER D. Felio  
 # 471-322 HELPER R. G. Miller  
 BULK TRUCK  
 # 364 DRIVER D. Felio / J. Plantz  
 BULK TRUCK  
 # DRIVER

|                             |                           |                |
|-----------------------------|---------------------------|----------------|
| COMMON <u>class A 2000x</u> | @ <u>16.25</u>            | <u>3250.00</u> |
| POZMIX                      | @                         |                |
| GEL                         | <u>4cc</u> @ <u>21.25</u> | <u>85.00</u>   |
| CHLORIDE                    | <u>7cc</u> @ <u>58.20</u> | <u>407.40</u>  |
| ASC                         | @                         |                |
|                             | @                         |                |
|                             | @                         |                |
|                             | @                         |                |
|                             | @                         |                |
|                             | @                         |                |
| HANDLING <u>211</u>         | @ <u>225</u>              | <u>474.75</u>  |
| MILEAGE <u>30.21</u>        | @ <u>11</u>               | <u>332.21</u>  |
| TOTAL                       |                           | <u>4910.45</u> |

**REMARKS:**

*Pipe on Bottom Break Line, Pump 3 Bbls Spacers, 20 x 2000x A - 37cc cement, 5cc in Digging fluid, H<sub>2</sub>O Seal steady, increase in PST, 3hr base, Stop Pump at 15 1/4 Bbls and Dig, Shot in No. 32 P/Ls, Cement Did Circle*

**SERVICE**

|                         |   |                |
|-------------------------|---|----------------|
| DEPTH OF JOB <u>267</u> |   |                |
| PUMP TRUCK CHARGE       |   | <u>1125.00</u> |
| EXTRA FOOTAGE           | @ |                |
| MILEAGE <u>30</u>       | @ | <u>210.00</u>  |
| MANIFOLD <u>NA</u>      | @ |                |
| <u>Light Vehicle 30</u> | @ | <u>120.00</u>  |
|                         | @ |                |
| TOTAL                   |   | <u>1455.00</u> |

CHARGE TO: Charles N Gaiffa  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

|             |   |  |
|-------------|---|--|
| <u>None</u> | @ |  |
|             | @ |  |
|             | @ |  |
|             | @ |  |
|             | @ |  |
| TOTAL       |   |  |

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 6365.45  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
4786.87

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 04979 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

|                              |     |                      |     |  |     |                                   |          |  |       |                              |  |                              |  |                     |  |
|------------------------------|-----|----------------------|-----|--|-----|-----------------------------------|----------|--|-------|------------------------------|--|------------------------------|--|---------------------|--|
| DATE OF JOB: 10-25-2011      |     | DISTRICT: PRATT, Ks. |     | NEW WELL <input checked="" type="checkbox"/> |     | OLD WELL <input type="checkbox"/> |          | PROD <input type="checkbox"/>          |       | INJ <input type="checkbox"/> |  | WDW <input type="checkbox"/> |  | CUSTOMER ORDER NO.: |  |
| CUSTOMER: GRIFFIN MANAGEMENT |     |                      |     | LEASE: SCRIVNER                              |     |                                   |          | WELL NO. B-1                           |       |                              |  |                              |  |                     |  |
| ADDRESS:                     |     |                      |     | COUNTY: HARPER                               |     |                                   |          | STATE: Ks.                             |       |                              |  |                              |  |                     |  |
| CITY:                        |     |                      |     | STATE:                                       |     |                                   |          | SERVICE CREW: LESLEY, MITTEL, MCKASKEY |       |                              |  |                              |  |                     |  |
| AUTHORIZED BY:               |     |                      |     | JOB TYPE: CNW-5 1/2" L.S.                    |     |                                   |          |  |       |                              |  |                              |  |                     |  |
| EQUIPMENT#                   | HRS | EQUIPMENT#           | HRS | EQUIPMENT#                                   | HRS | TRUCK CALLED                      | DATE     | AM                                     | TIME  |                              |  |                              |  |                     |  |
| 37586                        | 2   |                      |     |  |     |                                   | 10-25-11 |  | 2:00  |                              |  |                              |  |                     |  |
| 19903-19905                  | 2   |                      |     |  |     |                                   |          |  | 3:00  |                              |  |                              |  |                     |  |
| 19832-21010                  | 2   |                      |     |  |     |                                   |          |  | 7:30  |                              |  |                              |  |                     |  |
|                              |     |                      |     |  |     |                                   |          |  | 7:15  |                              |  |                              |  |                     |  |
|                              |     |                      |     |  |     |                                   |          |  | 10:00 |                              |  |                              |  |                     |  |
|                              |     |                      |     |  |     | MILES FROM STATION TO WELL        |          |  |       | 65                           |  |                              |  |                     |  |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

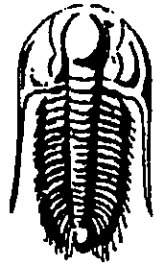
SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |           |
|---------------------|---------------------------------------|------|----------|------------|-----------|-----------|
| CP105               | AA-2 CEMENT                           | SK   | 265      |            | 4,565.00  |           |
| CP105               | AA-2 CEMENT                           | SK   | 50       |            | 850.00    |           |
| CC102               | CELL-FLAKE                            | lb   | 79       |            | 292.30    |           |
| CC111               | SALT                                  | lb   | 1442     |            | 721.00    |           |
| CC112               | CEM. FRICTION REDUCER                 | lb   | 149      |            | 894.00    |           |
| CC115               | GAS-BLOK                              | lb   | 297      |            | 1,529.55  |           |
| CC201               | GILSWITE                              | lb   | 1575     |            | 1,055.25  |           |
| CF607               | LATCH DOWN PLUG & BAFFLE, 5 1/2"      | EA   | 1        |            | 400.00    |           |
| CF1251              | AUTO FILL FLOAT SHOE, 5 1/2"          | EA   | 1        |            | 360.00    |           |
| CF1651              | TURBOLIZER, 5 1/2"                    | EA   | 7        |            | 770.00    |           |
| CF1901              | BASKET, 5 1/2"                        | EA   | 1        |            | 290.00    |           |
| C704                | CS-1L KCL SUB.                        | GAL  | 1        |            | 35.00     |           |
| CC151               | MUDFLUSH                              | GAL  | 500      |            | 430.00    |           |
| E100                | TACKUP MILEAGE                        | MI   | 65       |            | 276.25    |           |
| E101                | HEAVY EQUIPMENT MILEAGE               | MI   | 130      |            | 910.00    |           |
| E113                | BULK DELIVERY CHARGE                  | Tm   | 965      |            | 1,544.40  |           |
| CF200               | DEPTH CHARGE; 5000-10000              | HR   | 1-4      |            | 2,880.00  |           |
| CF240               | BLENDED SERVICE CHARGE                | SK   | 315      |            | 441.00    |           |
| CE204               | PLUG CONTAINER CHARGE                 | DIS  | 1        |            | 250.00    |           |
| S003                | SERVICE SUPERVISOR                    | EA   | 1        | 175.00     |           |           |
|                     |                                       |      |          |            | SUB TOTAL | 14,700.91 |

| CHEMICAL / ACID DATA: |  |  |  |
|-----------------------|--|--|--|
|                       |  |  |  |
|                       |  |  |  |
|                       |  |  |  |
|                       |  |  |  |

|                     |            |  |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ |  |
| MATERIALS           | %TAX ON \$ |  |
| TOTAL               |            |  |

|  |   |
|--|---|
| SERVICE REPRESENTATIVE: <u>[Signature]</u> | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u><br>(WELL OWNER OPERATOR CONTRACTOR OR AGENT) |
| FIELD SERVICE ORDER NO. _____              |   |



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box 347  
Pratt, KS 67124

ATTN: Bruce Reed

**Scrivner B-1**

**9-34S-8W Harper,KS**

Start Date: 2011.10.20 @ 11:58:19

End Date: 2011.10.20 @ 19:04:19

Job Ticket #: 43999      DST #: 1

Charles N Griffin  
9-34S-8W Harper,KS  
Scrivner B-1  
DST # 1  
Mississippi  
2011.10.20

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

Printed: 2011.10.26 @ 16:44.48



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 43999

DST#: 1

ATTN: Bruce Reed

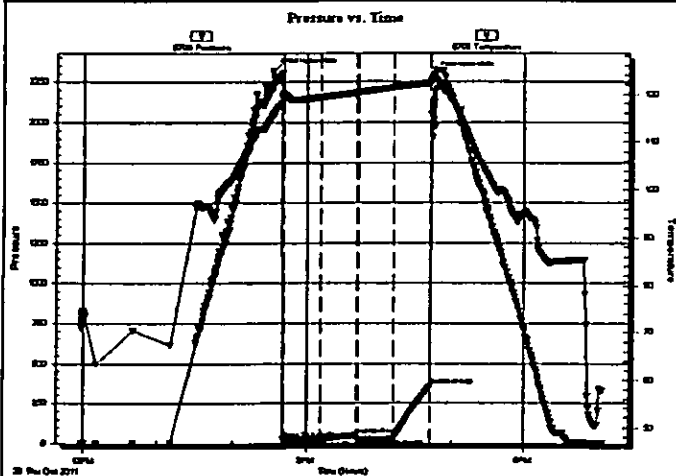
Test Start: 2011.10.20 @ 11:58:19

### GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: **14:41:04**  
 Time Test Ended: **19:04:19**  
 Interval: **4628.00 ft (KB) To 4650.00 ft (KB) (TVD)**  
 Total Depth: **4650.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Leal Cason**  
 Unit No: **45**  
 Reference Elevations: **1347.00 ft (KB)**  
**1338.00 ft (CF)**  
 KB to GR/CF: **9.00 ft**

Serial #: **6798** Inside  
 Press@RunDepth: **24.86 psig @ 4629.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.10.20** End Date: **2011.10.20** Last Calib.: **2011.10.20**  
 Start Time: **11:58:20** End Time: **19:04:19** Time On Btrt: **2011.10.20 @ 14:32:49**  
 Time Off Btrt: **2011.10.20 @ 16:44:04**

TEST COMMENT: IF: Fair Blow, 7 inches  
 IS: 3 inch Blow back  
 FF: Fair Blow, 8 inches  
 FSL: 1 inch Blow back



### PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation           |
|------------|-----------------|--------------|----------------------|
| 0          | 2317.21         | 115.60       | Initial Hydro-static |
| 9          | 25.55           | 120.08       | Open To Flow (1)     |
| 39         | 23.63           | 119.31       | Shut-In(1)           |
| 69         | 51.48           | 120.26       | End Shut-In(1)       |
| 71         | 23.44           | 120.33       | Open To Flow (2)     |
| 100        | 24.86           | 121.41       | Shut-In(2)           |
| 130        | 357.94          | 122.34       | End Shut-In(2)       |
| 132        | 2291.17         | 124.04       | Final Hydro-static   |

### Recovery

| Length (ft) | Description  | Volume (bbl) |
|-------------|--------------|--------------|
| 0.00        | 200 GIP      | 0.00         |
| 25.00       | GCM 5%G 95%M | 0.12         |
|             |              |              |
|             |              |              |
|             |              |              |

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 43999

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.10.20 @ 11:58:19

### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4506.00 ft | Diameter: 3.80 inches | Volume: 63.21 bbl              | Tool Weight: 2100.00 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: 119.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 63.80 bbl</u> | Tool Chased ft                     |
| Drill Pipe Above KB:      | 17.00 ft           |                       |                                | String Weight: Initial 54000.00 lb |
| Depth to Top Packer:      | 4628.00 ft         |                       |                                | Final 54000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 22.00 ft           |                       |                                |                                    |
| Tool Length:              | 42.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

### Tool Description

| Tool Description          | Length (ft)  | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Shut In Tool              | 5.00         |            |          | 4613.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 4618.00    |                               |
| Packer                    | 5.00         |            |          | 4623.00    | 20.00 Bottom Of Top Packer    |
| Packer                    | 5.00         |            |          | 4628.00    |                               |
| Stubb                     | 1.00         |            |          | 4629.00    |                               |
| Recorder                  | 0.00         | 6798       | Inside   | 4629.00    |                               |
| Recorder                  | 0.00         | 8367       | Outside  | 4629.00    |                               |
| Perforations              | 18.00        |            |          | 4647.00    |                               |
| Bullnose                  | 3.00         |            |          | 4650.00    | 22.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>42.00</b> |            |          |            |                               |





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 43999      DST#: 1

ATTN: Bruce Reed

Test Start: 2011.10.20 @ 11:58:19

**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: 49.00 sec/qt          | Cushion Volume: bbl        |                 |         |
| Water Loss: 8.99 in <sup>2</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: ohm.m               | Gas Cushion Pressure: psig |                 |         |
| Salinity: 8000.00 ppm            |                            |                 |         |
| Filter Cake: 0.20 inches         |                            |                 |         |

**Recovery Information**

Recovery Table

| Length<br>ft | Description  | Volume<br>bbl |
|--------------|--------------|---------------|
| 0.00         | 200 GIP      | 0.000         |
| 25.00        | GCM 5%G 95%M | 0.123         |

Total Length: 25.00 ft      Total Volume: 0.123 bbl

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

Laboratory Name:      Laboratory Location:

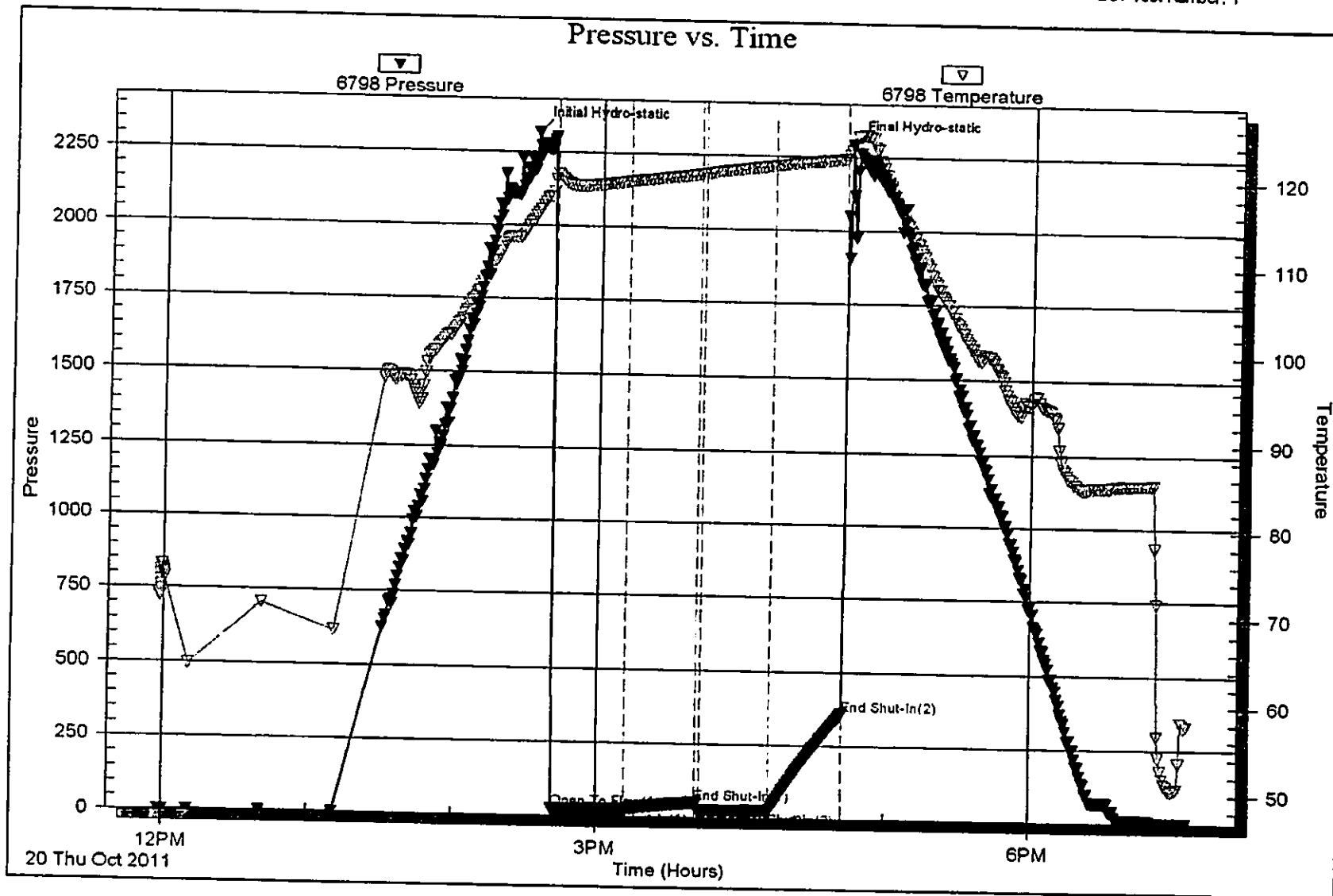
Recovery Comments:

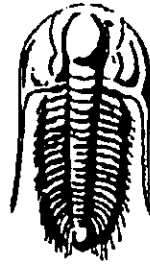
Serial #: 6798

Inside Charles N Griffin

Scrivner B-1

DST Test Number: 1





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box 347  
Pratt, KS 67124

ATTN: Bruce Reed

**Scrivner B-1**

**9-34S-8W Harper,KS**

Start Date: 2011.10.21 @ 02:30:36

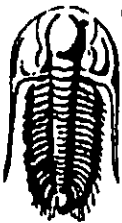
End Date: 2011.10.21 @ 12:13:36

Job Ticket #: 44000                      DST #: 2

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

Printed: 2011.10.26 @ 16:45:08

Charles N Griffin    9-34S-8W Harper,KS    Scrivner B-1    DST # 2    Mississippi    2011.10.21



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 44000

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.10.21 @ 02:30:36

### GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:59:06

Time Test Ended: 12:13:36

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 4654.00 ft (KB) To 4670.00 ft (KB) (TVD)

Total Depth: 4670.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1347.00 ft (KB)

1338.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 67.97 psig @ 4655.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.21

End Date:

2011.10.21

Last Calib.: 2011.10.21

Start Time: 02:30:37

End Time:

12:13:36

Time On Btm 2011.10.21 @ 05:58:06

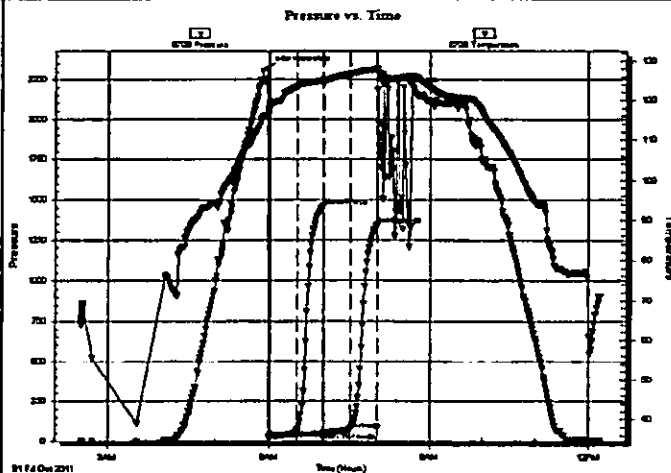
Time Off Btm 2011.10.21 @ 08:01:21

TEST COMMENT: IF: Weak Blow, 4 inches

IS: No Blow back

FF: Weak Blow, 3 inches

FS: No Blow back



### PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation           |
|------------|-----------------|--------------|----------------------|
| 0          | 2315.86         | 115.97       | Initial Hydro-static |
| 1          | 24.48           | 116.85       | Open To Flow (1)     |
| 33         | 60.69           | 123.19       | Shut-In(1)           |
| 62         | 1462.16         | 124.93       | End Shut-In(1)       |
| 63         | 48.28           | 124.65       | Open To Flow (2)     |
| 93         | 67.97           | 126.72       | Shut-In(2)           |
| 123        | 1345.90         | 127.76       | End Shut-In(2)       |
| 124        | 2182.13         | 128.14       | Final Hydro-static   |

### Recovery

| Length (ft) | Description     | Volume (bbl) |
|-------------|-----------------|--------------|
| 65.00       | SOOM 5% O 95% M | 0.32         |
|             |                 |              |
|             |                 |              |
|             |                 |              |
|             |                 |              |

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 44000

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.10.21 @ 02:30:36

**Tool Information**

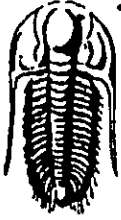
|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4536.00 ft | Diameter: 3.80 inches | Volume: 63.63 bbl              | Tool Weight: 2100.00 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: 119.00 ft  | Diameter: 2.25 inches | Volume: 0.59 bbl               | Weight to Pull Loose: 95000.00 lb  |
|                           |                    |                       | <u>Total Volume: 64.22 bbl</u> | Tool Chased ft                     |
| Drill Pipe Above KB:      | 21.00 ft           |                       |                                | String Weight: Initial 54000.00 lb |
| Depth to Top Packer:      | 4654.00 ft         |                       |                                | Final 54000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 16.00 ft           |                       |                                |                                    |
| Tool Length:              | 36.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

**Tool Description**

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

| Tool Description          | Length (ft)  | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Shut In Tool              | 5.00         |            |          | 4639.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 4644.00    |                               |
| Packer                    | 5.00         |            |          | 4649.00    | 20.00 Bottom Of Top Packer    |
| Packer                    | 5.00         |            |          | 4654.00    |                               |
| Stubb                     | 1.00         |            |          | 4655.00    |                               |
| Recorder                  | 0.00         | 6798       | Inside   | 4655.00    |                               |
| Recorder                  | 0.00         | 8367       | Outside  | 4655.00    |                               |
| Perforations              | 12.00        |            |          | 4667.00    |                               |
| Bullnose                  | 3.00         |            |          | 4670.00    | 16.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>36.00</b> |            |          |            |                               |



**TRIOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Charles N Griffin

9-34S-8W Harper, KS

PO Box 347  
Pratt, KS 67124

Scrivner B-1

Job Ticket: 44000

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.10.21 @ 02:30:36

**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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 65.00        | SOCM 5%O 95%M | 0.320         |

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

