

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 8061  
Name: Oil Producers inc. of Kansas  
Address: 1710 Waterfront Parkway  
City/State/Zip: Wichita, KS 67206  
Purchaser: N/A  
Operator Contact Person: Lori Zehr  
Phone: (316) 681-0231  
Contractor: Name: 30606  
License: Murfin Drilling Co., In.  
Wellsite Geologist: Jon Christensen

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

7/21/2009    8/1/2009    P+A 8/02/09  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. ~~#~~ - 15-171-20721-00-00  
County: Scott  
nw - se - se - ne Sec. 30 Twp. 7A S. R. 31  East  West  
2069 feet from S / (N) (circle one) Line of Section  
402 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Griffith Well #: 1-30  
Field Name: Durrant  
Producing Formation: N/A  
Elevation: Ground: 2950 Kelly Bushing: 2955  
Total Depth: 4650 Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 307 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 P+A AH II NCR  
(Data must be collected from the Reserve Pit) 12-9-09  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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: President Date: 12/4/2009

Subscribed and sworn to before me this 4 day of December  
2009.

Notary Public: Lori A. Zehr  
Date Commission Expires: May 5, 2010  
**LORIA A. ZEHR**  
Notary Public - State of Kansas  
My Appt. Expires 5/5/10

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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KANSAS CORPORATION COMMISSION  
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Operator Name: Oil Producers inc. of Kansas Lease Name: Griffith Well #: 1-30  
 Sec. 30 Twp. 7 1/2 S. R. 31 East  West County: Scott

**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 No<br>(Attach Additional Sheets)<br><br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No<br><br>Cores Taken Yes <input checked="" type="checkbox"/> No<br><br>Electric Log Run <input checked="" type="checkbox"/> Yes No<br>(Submit Copy)<br><br>List All E. Logs Run:<br><br>Dual Induction Log, Compensated Density/Neutron Log,<br>Sonic Log, and Geological Report | Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample<br>Name Top Datum<br><br>See Attached Note |
|--|--|

| CASING RECORD   |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| New   |                   |                           |                   | 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   |                   | 8 5/8                     | 24#               | 307           | Class C        | 200 sx       | 2% CC                      |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| 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>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| N/A            |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

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| TUBING RECORD |  | Size | Set At | Packer At | Liner Run | Yes | No |
|---------------|--|------|--------|-----------|-----------|-----|----|
| N/A           |  |      |        |           |           |     |    |

| Date of First, Resumed Production, SWD or Enhr. | Producing Method |         |          |                 |
|---|------------------|---------|----------|-----------------|
| N/A   | Flowing          | Pumping | Gas Lift | Other (Explain) |

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

CONSERVATION DIVISION  
 WICHITA, KS

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled  
 (If vented, Sumit ACO-18.)       Other (Specify)

**Attachment-Griffith #1-30**

**Note #1:**

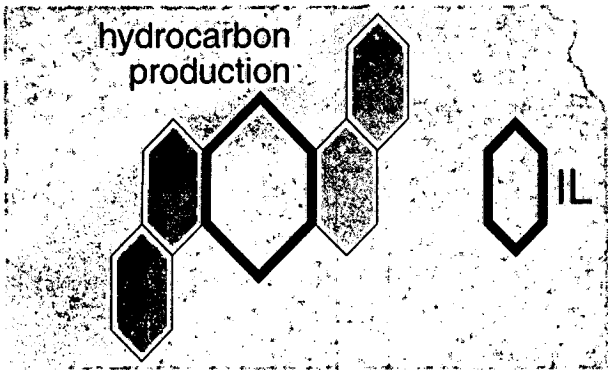
**Log                    Formation (Top), Depth and Datum**

| <b>Name</b>    | <b>Top</b> | <b>Datum</b> |
|----------------|------------|--------------|
| Topeka         | 3666       | -711         |
| Heebner Shale  | 3896       | -941         |
| Toronto        | 3915       | -960         |
| Lansing A      | 3934       | -979         |
| Lansing B      | 3972       | -1017        |
| Lansing C      | 4054       | -1099        |
| Kansas City H  | 4119       | -1164        |
| Kansas City I  | 4157       | -1202        |
| Kansas City J  | 4182       | -1227        |
| Kansas City K  | 4217       | -1262        |
| Kansas City L  | 4258       | -1303        |
| BKC            | 4297       | -1342        |
| Marmaton       | 4339       | -1384        |
| Altamont       | 4364       | -1409        |
| Pawnee         | 4422       | -1467        |
| Cherokee Shale | 4485       | -1530        |
| Johnson        | 4524       | -1569        |
| Mississippi    | 4567       | -1612        |
| RTD            | 4650       |              |

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COPY

OIL PRODUCERS, INC. OF KANSAS

December 4, 2009

Marjorie Marcotte  
Kansas Corporation Commission  
130 S. Market, Room 2078  
Wichita, Ks. 67202

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CONSERVATION DIVISION  
WICHITA, KS

Certified #: 7008 1830 0001 0187 1760

Dear Ms. Marcotte:

Enclosed please find the ACO-1 for the Griffith #1-30. Along with the ACO-1, I am including Basic Energy Services, invoice #1717-90083056 for surface casing, and Basic Energy Services, LLC, invoice #1717-90091856 for plugging. I am also enclosing a Dual Induction Log, Compensated Density/Neutron Log, Sonic Log, Geological Report and DST #1 through #4.

Sincerely,

*Lori A. Zehr*  
Lori A. Zehr

Please sign and return this letter as receipt of this information.

*Rec'd above-referenced ACO1 + sitg. documents on 12/07/08. NOTE: Pls. updt. the TWP on your copy of the ACO1. FR: 7S TD: 17S. Thank you.*

*Marjorie Marcotte*  
Marjorie Marcotte, KCC 12/08/09



|                                     |                    |                            |
|-------------------------------------|--------------------|----------------------------|
| PAGE<br>1 of 1                      | CUST NO<br>1002993 | INVOICE DATE<br>07/22/2009 |
| INVOICE NUMBER<br>✓ 1717 - 90083056 |                    |                            |

Liberal (620) 624-2277

B OIL PRODUCER'S INC OF KANSAS  
I 1710 WATERFRONT PKWY  
L WICHITA  
L KS US 67206  
T  
O ATTN:

J LEASE NAME Griffith #1-30  
O  
B LOCATION  
B COUNTY Scott  
S STATE KS  
I JOB DESCRIPTION Cement-New Well Casing/Pi  
T  
E JOB CONTACT

| JOB #    | EQUIPMENT # | PURCHASE ORDER NO. | TERMS         | DUE DATE   |
|----------|-------------|--------------------|---------------|------------|
| 40065929 | 27462       |                    | Net - 30 days | 08/21/2009 |

|   | QTY    | U of M | UNIT PRICE | INVOICE AMOUNT |
|---|--------|--------|------------|----------------|
| <i>For Service Dates: 07/21/2009 to 07/21/2009</i>                |        |        |            |                |
| 0040065929  |        |        |            |                |
| 171700170A Cement-New Well Casing/Pi 07/21/2009<br>8 5/8" Surface |        |        |            |                |
| Premium Plus Cement   | 200.00 | EA     | 8.15       | 1,630.00 T     |
| Calcium Chloride  | 376.00 | EA     | 0.53       | 197.40 T       |
| Cello-flake   | 47.00  | EA     | 1.85       | 86.95 T        |
| Heavy Equipment Mileage   | 120.00 | MI     | 3.50       | 420.00         |
| Blending & Mixing Service Charge                                  | 200.00 | MI     | 0.70       | 140.00         |
| Proppant and Bulk Delivery Charge                                 | 564.00 | MI     | 0.80       | 451.20         |
| Depth Charge; 0-500'  | 1.00   | EA     | 500.00     | 500.00         |
| Car, Pickup or Van Mileage  | 60.00  | MI     | 2.13       | 127.50         |
| Service Supervisor Charge   | 1.00   | HR     | 87.50      | 87.50          |
| Plug Container Charge   | 1.00   | EA     | 125.00     | 125.00         |

*Cement for 8 5/8" CSW  
JDC  
TW*

*902-02  
BC*

**ENTERED**

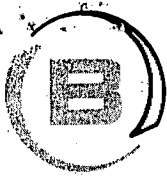
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WICHITA, KS

|   |   |                                   |                                |
|---|---|-----------------------------------|--------------------------------|
| PLEASE REMIT TO:<br>BASIC ENERGY SERVICES, LP<br>PO BOX 841903<br>DALLAS, TX 75284-1903 | SEND OTHER CORRESPONDENCE TO:<br>BASIC ENERGY SERVICES, LP<br>PO BOX 10460<br>MIDLAND, TX 79702 | SUB TOTAL<br>TAX<br>INVOICE TOTAL | 3,765.55<br>118.69<br>3,884.24 |
|---|---|-----------------------------------|--------------------------------|



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, Kansas 67905  
Phone 620-624-2277

**FIELD SERVICE TICKET**  
1717 00170 A

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

|   |          |  |     |            |     |                            |                |        |              |
|---|----------|--|-----|------------|-----|----------------------------|----------------|--------|--------------|
| DATE OF JOB <b>7-21-09</b> DISTRICT <b>1717</b> |          | 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 <b>Oil Producers of Kansas</b>         |          | LEASE <b>Griffith # 1-30</b> WELL NO.:   |     |            |     |                            |                |        |              |
| ADDRESS:  |          | COUNTY <b>Scott, KS</b> STATE:   |     |            |     |                            |                |        |              |
| CITY STATE:                                     |          | SERVICE CREW <b>T. Chavez, C. Hinz</b>   |     |            |     |                            |                |        |              |
| AUTHORIZED BY <b>J. Bennett JRB</b>             |          | JOB TYPE: <b>242 - Surface 8 5/8</b>   |     |            |     |                            |                |        |              |
| EQUIPMENT#                                      | HRS      | EQUIPMENT#   | HRS | EQUIPMENT# | HRS | TRUCK CALLED               | DATE           | ADD PM | TIME         |
| <b>27462</b>                                    | <b>4</b> |  |     |            |     |                            | <b>7-21-09</b> |        | <b>11:30</b> |
| <b>19804</b>                                    | <b>3</b> |  |     |            |     | ARRIVED AT JOB             |                |        | <b>2:00</b>  |
| <b>19809</b>                                    | <b>1</b> |  |     |            |     | START OPERATION            |                |        | <b>3:30</b>  |
|   |          |  |     |            |     | FINISH OPERATION           |                |        | <b>4:00</b>  |
|   |          |  |     |            |     | RELEASED                   |                |        | <b>4:30</b>  |
|   |          |  |     |            |     | MILES FROM STATION TO WELL | <b>60 mi</b>   |        |              |

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: *Cathy Martin*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT    | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|---------|----------|------------|-----------|
| CL110               | Premium Plus Cement                   | SK      | 200      |            | 3260.00   |
| CC109               | Calcium Chloride                      | lb      | 376      |            | 394.80    |
| CC102               | Cell-flake                            | lb      | 47       |            | 173.90    |
| E101                | Heavy Equipment Mileage               | mi      | 120      |            | 840.00    |
| CE240               | Blending + Mixing Service Charge      | sk      | 200      |            | 280.00    |
| E113                | Proppant + Bulk + Delivery            | ton/hrs | 504      |            | 902.40    |
| CE200               | Depth 0-500'                          | hr      | 1        |            | 1000.00   |
| E100                | Ohil Mileage                          | mi      | 60       |            | 255.00    |
| S003                | Service Supervisor                    | ea      | 1        |            | 175.00    |
| CE504               | Plug Container                        | ea      | 1        |            | 250.00    |

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SUB TOTAL **3,765.25**

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

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

|  |   |
|--|---|
| SERVICE REPRESENTATIVE <u><i>Neil Rivera</i></u> | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u><i>Cathy Martin</i></u><br>(WELL OWNER OPERATOR CONTRACTOR OR AGENT) |
| FIELD SERVICE ORDER NO.                          |   |

|   |                                 |                                   |                   |                                     |
|---|---------------------------------|-----------------------------------|-------------------|-------------------------------------|
| Customer <b>Oil Producers of Kansas</b> |                                 | Lease No.                         | Date              |                                     |
| Lease <b>Griffith</b>                   |                                 | Well# <b>1-30</b>                 | <b>7-21-09</b>    |                                     |
| Field Order # <b>00170</b>              | Station <b>Liberal, KS-1717</b> | Casing <b>8 5/8 28'</b>           | Depth <b>306'</b> | County <b>Scott</b> State <b>KS</b> |
| Type Job <b>242 - 8 5/8 Surface</b>     | Formation                       | Legal Description <b>30-17-31</b> |                   |                                     |

| PIPE DATA                     |              | PERFORATING DATA |    | FLUID USED                                |                        | TREATMENT RESUME |        |                  |
|-------------------------------|--------------|------------------|----|---|------------------------|------------------|--------|------------------|
| Casing Size <b>8 5/8 28'</b>  | Tubing Size  | Shots/Ft         |    | Acid <b>200 sks Premium Plus w/ 2% CE</b> | RATE                   | PRESS            | ISIP # |                  |
| Depth <b>306'</b>             | Depth        | From             | To | Pre Pad <b>1.374 3/sk</b>                 | Max <b>6.64 gal/sk</b> |                  |        | 5 Min.           |
| Volume                        | Volume       | From             | To | Pad                                       | Min                    |                  |        | 10 Min.          |
| Max Press <b>1000</b>         | Max Press    | From             | To | Frac                                      | Avg                    |                  |        | 15 Min.          |
| Well Connection <b>Swells</b> | Annulus Vol. | From             | To |   | HHP Used               |                  |        | Annulus Pressure |
| Plug Depth                    | Packer Depth | From             | To | Flush <b>fresh</b>                        | Gas Volume             |                  |        | Total Load       |

|  |                                   |                          |
|--|-----------------------------------|--------------------------|
| Customer Representative <b>B. Kosper</b> | Station Manager <b>J. Bennett</b> | Treater <b>A. Olvera</b> |
| Service Units <b>27462 19804 19809</b>   |                                   |                          |
| Driver Names <b>T. Moore C. King</b>     |                                   |                          |

| Time    | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                        |
|---------|-----------------|-----------------|--------------|------|------------------------------------|
| 2:00 pm |                 |                 |              |      | on loc. - site assessment          |
| 2:03 pm |                 |                 |              |      | spot trucks - rig up               |
| 3:00 pm |                 |                 |              |      | safety meeting                     |
| 3:30    |                 |                 |              |      | pressure test @ 2000               |
| 3:30    |                 |                 |              |      | break circ.                        |
| 3:35    | 100             |                 | 50           | 3    | start mix lead cont @ 14.8#        |
| 3:45    |                 |                 |              |      | switch to wash pumping lines       |
| 4:00    | 300             |                 | 18           | 3    | disp - left 20' cont inside CSG    |
| 4:00    |                 |                 |              |      | job complete - circ swt to surface |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |
|         |                 |                 |              |      |                                    |

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|                                   |                    |                            |
|-----------------------------------|--------------------|----------------------------|
| PAGE<br>1 of 1                    | CUST NO<br>1002993 | INVOICE DATE<br>08/03/2009 |
| INVOICE NUMBER<br>1717 - 90091856 |                    |                            |

Liberal (620) 624-2277

J LEASE NAME Griffith #1-30  
 O LOCATION  
 B COUNTY Scott  
 S STATE KS  
 I JOB DESCRIPTION Cement-Plug & Abandonment  
 T JOB CONTACT  
 E

B OIL PRODUCER'S INC OF KANSAS  
 I 1710 WATERFRONT PKWY  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN:

| JOB #  | EQUIPMENT # | PURCHASE ORDER NO. | TERMS         | DUE DATE   |
|--|-------------|--------------------|---------------|------------|
| 40070729   | 30463       |                    | Net - 30 days | 09/02/2009 |
| <b>For Service Dates: 07/31/2009 to 07/31/2009</b>         |             |                    |               |            |
| 0040070729   |             |                    |               |            |
| 171700184A Cement-Plug & Abandonment 07/31/2009<br>PTA job |             |                    |               |            |
| 60/40 POZ  | 300.00      | EA                 | 6.00          | 1,800.00 T |
| Cement Gel   | 564.00      | EA                 | 0.13          | 70.50 T    |
| Cello-flake  | 75.00       | EA                 | 1.85          | 138.75 T   |
| Heavy Equipment Mileage                                    | 120.00      | MI                 | 3.50          | 420.00 T   |
| Blending & Mixing Service Charge                           | 300.00      | MI                 | 0.70          | 210.00 T   |
| Proppant and Bulk Delivery Charge                          | 846.00      | MI                 | 0.80          | 676.80 T   |
| Depth Charge; 4001' - 5000'                                | 1.00        | EA                 | 1,260.00      | 1,260.00 T |
| Car, Pickup or Van Mileage                                 | 60.00       | MI                 | 2.13          | 127.50 T   |
| Service Supervisor Charge                                  | 1.00        | HR                 | 87.50         | 87.50 T    |

**ENTERED**  
 AUG 13 2009

*Cement to Pumpwell*  
 IDC  
 TN

9102-28

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CONSERVATION DIVISION  
 WICHITA, KS

|                           |                               |               |          |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO:          | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL     | 4,791.05 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP     | TAX           | 297.05   |
| PO BOX 841903             | PO BOX 10460                  | INVOICE TOTAL | 5,088.10 |
| DALLAS, TX 75284-1903     | MIDLAND, TX 79702             |               |          |





**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, Kansas 67905  
Phone 620-624-2277

FIELD SERVICE TICKET

1717 00184 A

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

(7-31-05)

|                              |                 |  |                                   |                               |                              |                              |                    |    |      |
|------------------------------|-----------------|--|-----------------------------------|-------------------------------|------------------------------|------------------------------|--------------------|----|------|
| DATE OF JOB: 8-1-09          | DISTRICT: 1717  | 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: Oil Producers      | LEASE: Griffith | 1-30   | WELL NO.                          |                               |                              |                              |                    |    |      |
| ADDRESS:                     | COUNTY: Scott   | STATE: KS                                    |                                   |                               |                              |                              |                    |    |      |
| CITY:                        | STATE:          | SERVICE CREW: Garry, Chad, Santiago          |                                   |                               |                              |                              |                    |    |      |
| AUTHORIZED BY: Jerry Bennett | JOB TYPE: PTA   | 244  |                                   |                               |                              |                              |                    |    |      |
| EQUIPMENT#                   | HRS             | EQUIPMENT#                                   | HRS                               | EQUIPMENT#                    | HRS                          | TRUCK CALLED                 | DATE               | AM | TIME |
| 19888                        | 5               |  |                                   |                               |                              |                              | 8-1-09             | PM | 0330 |
| 30463                        | 5               |  |                                   |                               |                              | ARRIVED AT JOB               | 8-1                | PM | 0430 |
| 19843                        | 5               |  |                                   |                               |                              | START OPERATION              | 8-1                | AM | 1030 |
| 14354                        | 5               |  |                                   |                               |                              | FINISH OPERATION             | 8-2                | AM | 0200 |
| 19482                        | 5               |  |                                   |                               |                              | RELEASED                     | 8-2                | AM | 0245 |
|                              |                 |  |                                   |                               |                              | MILES FROM STATION TO WELL   | 120                |    |      |

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 |
|--|---------------------------------------|------|----------|------------|-----------|
| CU03   | 60/40 Poz                             | SK   | 300      |            | 3000.00   |
| CC200  | Cement (cel)                          | lb   | 564      |            | 141.00    |
| CC102  | Collo-Flo                             | lb   | 75       |            | 277.50    |
| E101   | Truck Mileage                         | mi   | 120      |            | 840.00    |
| CEZ40  | Blending + Mixing Serv. Charge        | SK   | 300      |            | 420.00    |
| E113   | Pioppant + Bulk Delivery Charge       | tm   | 846      |            | 1353.00   |
| CEZDS  | Depth Charge 4001-5000                | 4hrs | 1        |            | 3520.00   |
| E100   | Pickup Mileage                        | mi   | 60       |            | 255.00    |
| S003   | Service Supervision on location       | ea   | 1        |            | 175.00    |
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SUB TOTAL \$4791.05

| CHEMICAL / ACID DATA: |                 |     |           |
|-----------------------|-----------------|-----|-----------|
| 300 SK                | 60/40 Poz       | 49% | Total Cel |
|                       | 1/4 # Collo-Flo |     |           |

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

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

# BASIC

energy services, L.P.

## TREATMENT REPORT

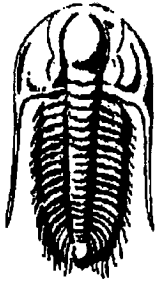
|   |                           |                                   |
|---|---------------------------|-----------------------------------|
| Customer <i>Oil Producers</i>           | Lease No.                 | Date <i>8-1-09</i>                |
| Lease <i>Geiffith</i>                   | Well # <i>1-30</i>        |                                   |
| Field Order # <i>00184</i>              | Station <i>1717</i>       | County <i>Scott</i>               |
| Type Job <i>Z 44 Plug &amp; Abandon</i> | Formation                 | State <i>KS</i>                   |
|   | Casing <i>O.D. 4 1/2"</i> | Depth <i>2280'</i>                |
|   |                           | Legal Description <i>30-17-31</i> |

| PIPE DATA       |              | PERFORATING DATA |    | FLUID USED |                          | TREATMENT RESUME |       |                  |
|-----------------|--------------|------------------|----|------------|--------------------------|------------------|-------|------------------|
| Casing Size     | Tubing Size  | Shots/Ft         |    | Acid       | <i>300 SKS 60/40 Poz</i> | RATE             | PRESS | ISIP             |
| Depth           | Depth        | From             | To | Pre Pad    | <i>4% Total Gel</i>      |                  |       | 5 Min.           |
| Volume          | Volume       | From             | To | Pad        | <i>1/4# Cellulose</i>    |                  |       | 10 Min.          |
| Max Press       | Max Press    | From             | To | Frac       |                          |                  |       | 15 Min.          |
| Well Connection | Annulus Vol. | From             | To |            |                          | HHP Used         |       | Annulus Pressure |
| Plug Depth      | Packer Depth | From             | To | Flush      |                          | Gas Volume       |       | Total Load       |

|   |                                      |                                |
|---|--------------------------------------|--------------------------------|
| Customer Representative <i>Bob Kasper</i> | Station Manager <i>Terry Bennett</i> | Treater <i>Garry Humphries</i> |
| Service Units <i>19888</i>                | <i>30463</i>                         | <i>19843</i>                   |
| Driver Names <i>Garry</i>                 | <i>Chad</i>                          | <i>Amoz</i>                    |
|   |                                      | <i>Santiago Chavez</i>         |

| Time        | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate       | Service Log                                       |
|-------------|-----------------|-----------------|--------------|------------|---|
| <i>0830</i> |                 |                 |              |            | <i>Arrive on loc - Safety Meet - Rig up Equip</i> |
| <i>1015</i> |                 |                 |              |            | <i>Plug #1 - 50 SKS @ 2280'</i>                   |
| <i>1020</i> |                 |                 | <i>13.36</i> | <i>3</i>   | <i>Pump Cement 50 SKS 60/40 Poz @ 13.5#</i>       |
| <i>1025</i> |                 |                 | <i>29</i>    | <i>7.7</i> | <i>Pump Mud Displ. - 0</i>                        |
| <i>1030</i> |                 |                 |              |            | <i>Pull Drill Pipe - Pulled Dry</i>               |
|             |                 |                 |              |            | <i>Plug #2 - 80 SKS @ 1530'</i>                   |
| <i>1110</i> |                 |                 | <i>21.37</i> | <i>3</i>   | <i>Pump Cement 80 SKS 60/40 Poz @ 13.5#</i>       |
| <i>1117</i> |                 |                 | <i>16.21</i> | <i>7.7</i> | <i>Pump Mud Displ.</i>                            |
| <i>1120</i> |                 |                 |              |            | <i>Pull Drill Pipe - Pulled Dry</i>               |
|             |                 |                 |              |            | <i>Plug #3 - 50 SKS @ 750'</i>                    |
| <i>1153</i> |                 |                 | <i>13.36</i> | <i>3</i>   | <i>Pump 50 SKS 60/40 Poz @ 13.5#</i>              |
| <i>1202</i> |                 |                 | <i>7.2</i>   | <i>7.7</i> | <i>Pump Mud Displ.</i>                            |
| <i>1205</i> |                 |                 |              |            | <i>Pull Drill Pipe - Pulled Dry</i>               |
|             |                 |                 |              |            | <i>Plug #4 - 50 SKS @ 340'</i>                    |
| <i>1221</i> |                 |                 | <i>13.36</i> | <i>3</i>   | <i>Pump 50 SKS 60/40 Poz @ 13.5#</i>              |
| <i>1227</i> |                 |                 | <i>1.36</i>  | <i>1</i>   | <i>Pump H2O Displ.</i>                            |
| <i>1230</i> |                 |                 |              |            | <i>Pull Drill Pipe - Pulled Dry</i>               |
| <i>0120</i> |                 |                 | <i>5.34</i>  | <i>3</i>   | <i>Plug #5 - 20 SKS @ 60'</i>                     |
| <i>0125</i> |                 |                 | <i>13.36</i> | <i>2</i>   | <i>Rat + Mouse Hole 50 SKS Plug</i>               |
| <i>0210</i> |                 |                 |              |            | <i>Rig Down Equip.</i>                            |
| <i>0245</i> |                 |                 |              |            | <i>Crew Leave Location</i>                        |

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CONSERVATION DIVISION  
WICHITA



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc. of Kansas**

1710 Waterfront PKWY  
Wichita, KS 67206

ATTN: Jon Christensen

### 30-17s-31w Scott KS

#### Griffith #1-30

Start Date: 2009.07.28 @ 05:50:26

End Date: 2009.07.28 @ 13:05:20

Job Ticket #: 34855                      DST #: 1

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KANSAS CORPORATION COMMISSION

DEC 07 2009

CONSERVATION DIVISION  
WICHITA, KS

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34855

DST#: 1

ATTN: Jon Christensen

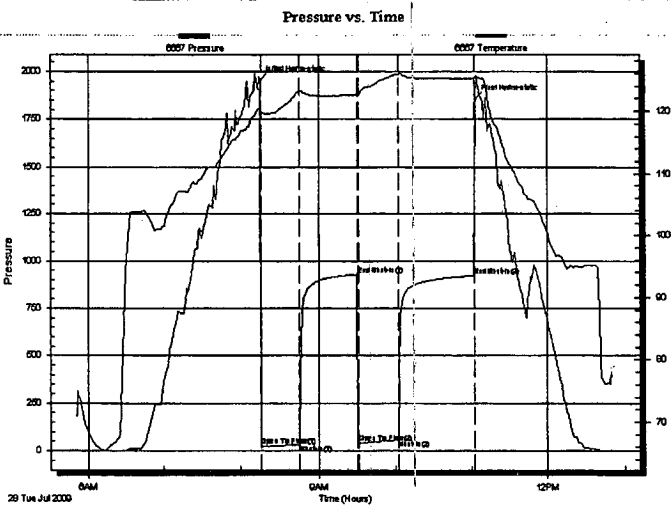
Test Start: 2009.07.28 @ 05:50:26

## GENERAL INFORMATION:

Formation: **E**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 08:15:36  
 Time Test Ended: 13:05:20  
 Interval: **4018.00 ft (KB) To 4035.00 ft (KB) (TVD)**  
 Total Depth: **4035.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Shane McBride**  
 Unit No: **40**  
 Reference Elevations: **2955.00 ft (KB)**  
**2950.00 ft (CF)**  
**KB to GR/CF: 5.00 ft**

**Serial #: 6667** **Inside**  
 Press@RunDepth: **57.00 psig @ 4019.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2009.07.28** End Date: **2009.07.28** Last Calib.: **2009.07.28**  
 Start Time: **05:50:26** End Time: **12:51:20** Time On Btrm: **2009.07.28 @ 08:15:21**  
 Time Off Btrm: **2009.07.28 @ 11:02:51**

**TEST COMMENT:** 1 3/4" in. blow  
 No return  
 Surface blow in 15 min 1/4" in blow  
 No return



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1952.00         | 120.26       | Initial Hydro-static |
| 1           | 28.91           | 119.68       | Open To Flow (1)     |
| 31          | 33.69           | 123.09       | Shut-In (1)          |
| 75          | 927.56          | 122.63       | End Shut-In (1)      |
| 75          | 43.35           | 122.32       | Open To Flow (2)     |
| 107         | 57.00           | 125.91       | Shut-In (2)          |
| 167         | 920.78          | 125.24       | End Shut-In (2)      |
| 168         | 1852.35         | 125.56       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                         | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 65.00       | m c w w/oil scum on top 20% m 80% w | 0.32         |
|             |                                     |              |
|             |                                     |              |
|             |                                     |              |
|             |                                     |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34855

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2009.07.28 @ 05:50:26

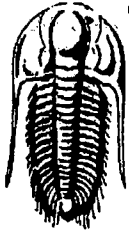
**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3895.00 ft | Diameter: 3.80 inches | Volume: 54.64 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 122.00 ft  | Diameter: 2.25 inches | Volume: 0.60 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 55.24 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 26.00 ft           |                       |                                | String Weight: Initial 62000.00 lb |
| Depth to Top Packer:      | 4018.00 ft         |                       |                                | Final 62000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 17.00 ft           |                       |                                |                                    |
| Tool Length:              | 44.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub  | 1.00        |            |          | 3992.00    |                               |
| Shut In Tool     | 5.00        |            |          | 3997.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4002.00    |                               |
| Jars             | 5.00        |            |          | 4007.00    |                               |
| Safety joint     | 2.00        |            |          | 4009.00    |                               |
| Packer           | 5.00        |            |          | 4014.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4018.00    |                               |
| Stubb            | 1.00        |            |          | 4019.00    |                               |
| Recorder         | 0.00        | 6667       | Inside   | 4019.00    |                               |
| Recorder         | 0.00        | 6771       | Outside  | 4019.00    |                               |
| Perforations     | 11.00       |            |          | 4030.00    |                               |
| Bullnose         | 5.00        |            |          | 4035.00    | 17.00 Bottom Packers & Anchor |

**Total Tool Length: 44.00**



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

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34855

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2009.07.28 @ 05:50:26

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.55 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

0 deg API

21000 ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description                       | Volume<br>bbbl |
|--------------|-----------------------------------|----------------|
| 65.00        | m c w w/oil scum on top 20%m 80%w | 0.320          |

Total Length:

65.00 ft

Total Volume:

0.320 bbl

Num Fluid Samples: 0

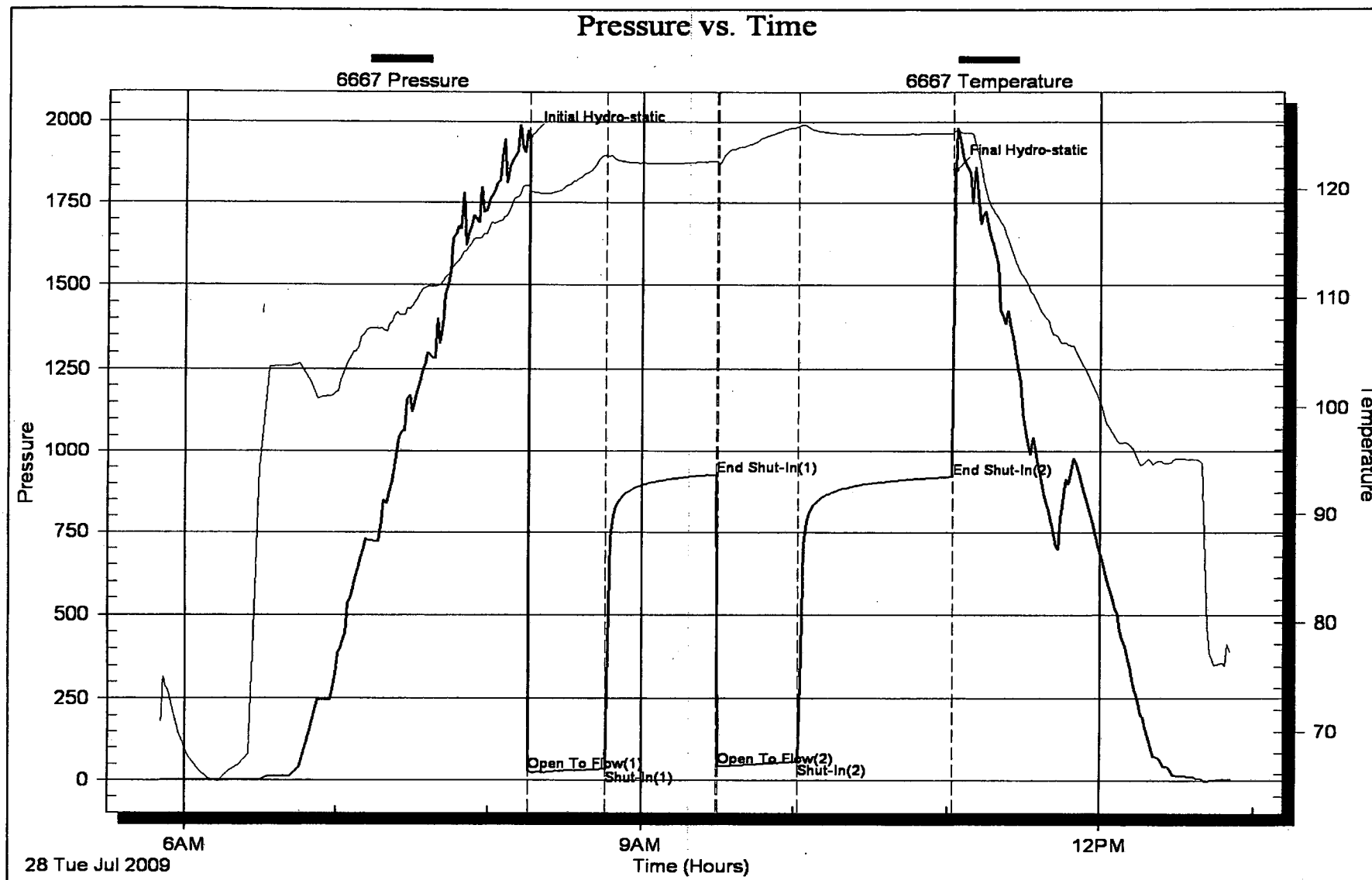
Num Gas Bombs: 0

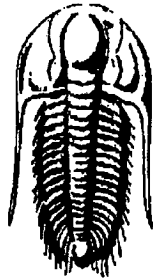
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .281 @ 79\*f = 21,000 chlor





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc. of Kansas**

1710 Waterfront PKWY  
Wichita, KS 67206

ATTN: Jon Christensen

**30-17s-31w Scott KS**

**Griffith #1-30**

Start Date: 2009.07.29 @ 03:40:26

End Date: 2009.07.29 @ 10:55:05

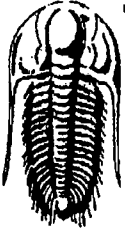
Job Ticket #: 34856                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Oil Producers Inc. of Kansas  
1710 Waterfront PKWY  
Wichita, KS 67206  
ATTN: Jon Christensen

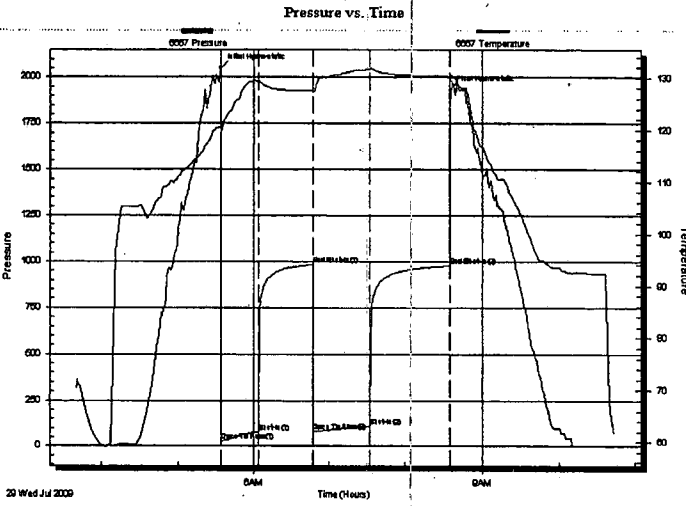
**Griffith #1-30**  
**30-17s-31w Scott KS**  
Job Ticket: 34856      DST#: 2  
Test Start: 2009.07.29 @ 03:40:26

## GENERAL INFORMATION:

Formation: J  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 05:34:06  
Time Test Ended: 10:55:05  
Interval: 4176.00 ft (KB) To 4192.00 ft (KB) (TVD)  
Total Depth: 4192.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 2955.00 ft (KB)  
2950.00 ft (CF)  
KB to GR/CF: 5.00 ft  
Test Type: Conventional Bottom Hole  
Tester: Shane McBride  
Unit No: 40

**Serial #: 6667**      **Inside**  
Press@RunDepth: 111.94 psig @ 4177.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.07.29      End Date: 2009.07.29      Last Calib.: 2009.07.29  
Start Time: 03:40:26      End Time: 10:44:05      Time On Btm: 2009.07.29 @ 05:33:51  
Time Off Btm: 2009.07.29 @ 08:35:06

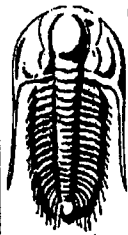
**TEST COMMENT:** 3 1/2" in blow  
No return  
2" in blow  
No return



| PRESSURE SUMMARY |                 |              |                      |
|------------------|-----------------|--------------|----------------------|
| Time (Min.)      | Pressure (psig) | Temp (deg F) | Annotation           |
| 0                | 2050.51         | 120.53       | Initial Hydro-static |
| 1                | 28.71           | 119.98       | Open To Flow (1)     |
| 30               | 77.17           | 129.04       | Shut-In(1)           |
| 74               | 984.16          | 127.48       | End Shut-In(1)       |
| 74               | 83.53           | 127.15       | Open To Flow (2)     |
| 119              | 111.94          | 131.74       | Shut-In(2)           |
| 181              | 977.88          | 130.23       | End Shut-In(2)       |
| 182              | 1932.27         | 130.51       | Final Hydro-static   |

| Recovery    |   |              |
|-------------|---|--------------|
| Length (ft) | Description                             | Volume (bbl) |
| 122.00      | m c w 80%w 20%m                         | 0.60         |
| 65.00       | w c m 50%w 50%m (2" in free oil on top) | 0.91         |
|             |   |              |
|             |   |              |
|             |   |              |

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34856

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2009.07.29 @ 03:40:26

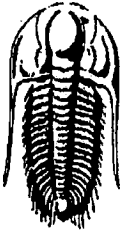
## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4055.00 ft | Diameter: 3.80 inches | Volume: 56.88 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: 122.00 ft  | Diameter: 2.25 inches | Volume: 0.60 bbl               | Weight to Pull Loose: 85000.00 lb  |
|                           |                    |                       | <u>Total Volume: 57.48 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 23.00 ft           |                       |                                | String Weight: Initial 62000.00 lb |
| Depth to Top Packer:      | 4176.00 ft         |                       |                                | Final 63000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 16.00 ft           |                       |                                |                                    |
| Tool Length:              | 38.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub  | 1.00        |            |          | 4155.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4160.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4165.00    |                               |
| Safety Joint     | 2.00        |            |          | 4167.00    |                               |
| Packer           | 5.00        |            |          | 4172.00    | 22.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4176.00    |                               |
| Stubb            | 1.00        |            |          | 4177.00    |                               |
| Recorder         | 0.00        | 6667       | Inside   | 4177.00    |                               |
| Recorder         | 0.00        | 6771       | Outside  | 4177.00    |                               |
| Perforations     | 10.00       |            |          | 4187.00    |                               |
| Bullnose         | 5.00        |            |          | 4192.00    | 16.00 Bottom Packers & Anchor |

**Total Tool Length: 38.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34856

DST#: 2

ATTN: Jon Christensen

Test Start: 2009.07.29 @ 03:40:26

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.55 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description                             | Volume<br>bbf |
|--------------|---|---------------|
| 122.00       | m c w 80%w 20%m                         | 0.600         |
| 65.00        | w c m 50%w 50%m (2" in free oil on top) | 0.912         |

Total Length:

187.00 ft

Total Volume:

1.512 bbf

Num Fluid Samples: 0

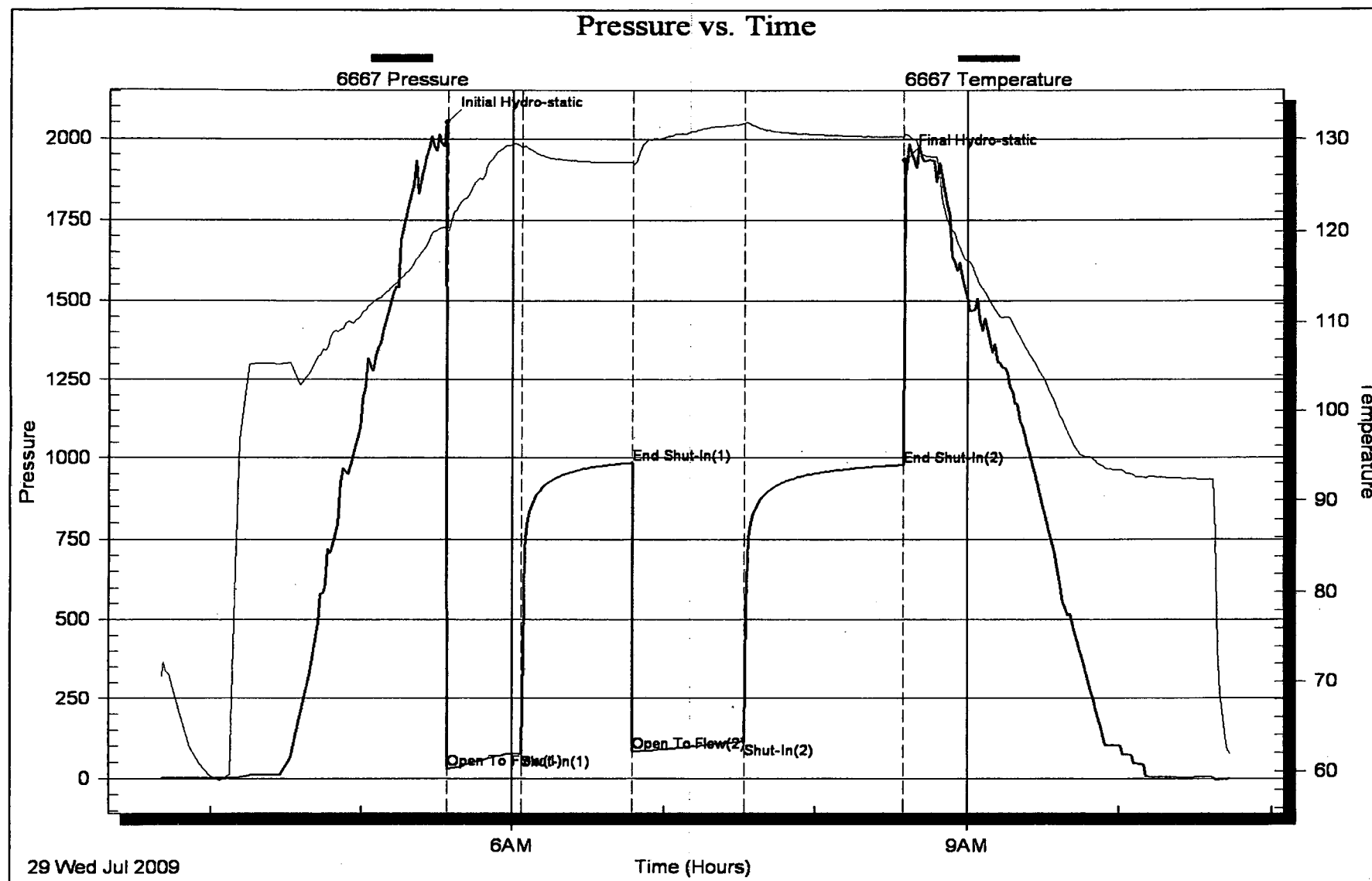
Num Gas Bombs: 0

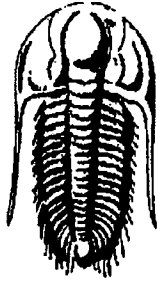
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .221 @ 70\*f = 32,000 chlor





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

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc. of Kansas**

1710 Waterfront PKWY  
Wichita, KS 67206

ATTN: Jon Christensen

**30-17s-31w Scott KS**

**Griffith #1-30**

Start Date: 2009.07.30 @ 12:01:05

End Date: 2009.07.30 @ 19:24:44

Job Ticket #: 34796                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2009.08.13 @ 08:56:42 Page 1

Oil Producers Inc. of Kansas

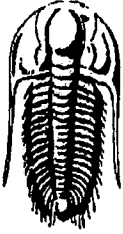
Griffith #1-30

30-17s-31w Scott KS

DST # 3

Altmont - Pawnee

2009.07.30



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34796

DST#: 3

ATTN: Jon Christensen

Test Start: 2009.07.30 @ 12:01:05

## GENERAL INFORMATION:

Formation: **Altmont - Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:08:30

Time Test Ended: 19:24:44

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Interval: **4355.00 ft (KB) To 4430.00 ft (KB) (TVD)**

Reference Elevations: 2955.00 ft (KB)

Total Depth: 4430.00 ft (KB) (TVD)

2950.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: **8322**

Inside

Press@RunDepth: 109.85 psig @ 4356.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2009.07.30

End Date: 2009.07.30

Last Calib.: 2009.07.30

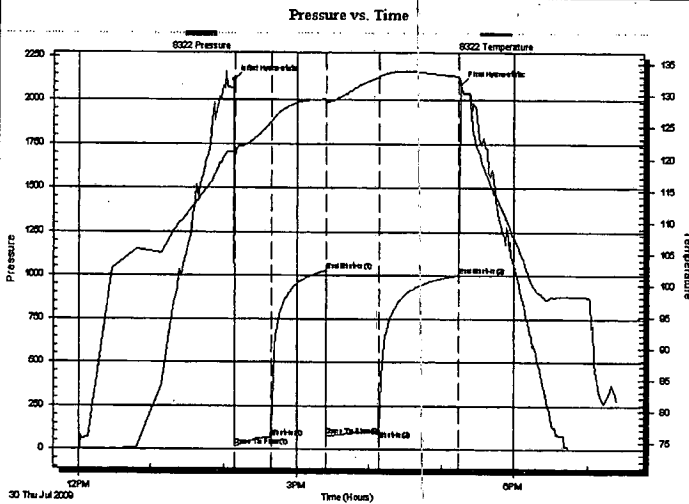
Start Time: 12:01:05

End Time: 19:24:44

Time On Btm: 2009.07.30 @ 14:07:45

Time Off Btm: 2009.07.30 @ 17:15:44

TEST COMMENT: IF: Built to 6 1/4 inches.  
IS: Surface blow for 5 mins.  
FF: Built to 6 1/2 inches.  
FS: No return.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2115.13         | 120.97       | Initial Hydro-static |
| 1           | 18.78           | 120.32       | Open To Flow (1)     |
| 31          | 71.56           | 125.74       | Shut-In (1)          |
| 77          | 1029.49         | 129.38       | End Shut-In (1)      |
| 77          | 80.84           | 129.11       | Open To Flow (2)     |
| 121         | 109.85          | 132.87       | Shut-In (2)          |
| 187         | 1002.98         | 133.03       | End Shut-In (2)      |
| 188         | 2088.27         | 131.96       | Final Hydro-static   |

## Recovery

| Length (ft) | Description          | Volume (bbl) |
|-------------|----------------------|--------------|
| 120.00      | WCM 10%w 90%o        | 0.59         |
| 80.00       | SO&WCM 5%o 35%w 60%o | 1.10         |
| 15.00       | O 100%o              | 0.21         |
| 0.00        | GIP = 0              | 0.00         |
| 0.00        | API = 28@90F = 25    | 0.00         |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34796

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2009.07.30 @ 12:01:05

## Tool Information

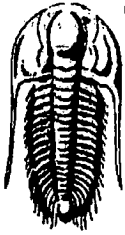
|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4238.00 ft | Diameter: 3.80 inches | Volume: 59.45 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: 122.00 ft  | Diameter: 2.25 inches | Volume: 0.60 bbl               | Weight to Pull Loose: 90000.00 lb  |
|                           |                    |                       | <b>Total Volume: 60.05 bbl</b> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 32.00 ft           |                       |                                | String Weight: Initial 66000.00 lb |
| Depth to Top Packer:      | 4355.00 ft         |                       |                                | Final 68000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 75.00 ft           |                       |                                |                                    |
| Tool Length:              | 102.00 ft          |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

## Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub  | 1.00        |            |          | 4329.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4334.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4339.00    |                               |
| Jars             | 5.00        |            |          | 4344.00    |                               |
| Safety Joint     | 2.00        |            |          | 4346.00    |                               |
| Packer           | 5.00        |            |          | 4351.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4355.00    |                               |
| Stubb            | 1.00        |            |          | 4356.00    |                               |
| Recorder         | 0.00        | 8322       | Inside   | 4356.00    |                               |
| Recorder         | 0.00        | 6741       | Inside   | 4356.00    |                               |
| Perforations     | 36.00       |            |          | 4392.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4393.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4424.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4425.00    |                               |
| Bullnose         | 5.00        |            |          | 4430.00    | 75.00 Bottom Packers & Anchor |

**Total Tool Length: 102.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34796

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2009.07.30 @ 12:01:05

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 52.00 sec/qt  
Water Loss: 7.57 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 900.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 25 deg API  
Water Salinity: 27000 ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description                          | Volume<br>bbl |
|--------------|--------------------------------------|---------------|
| 120.00       | WCM 10%w 90% <i>m</i>                | 0.590         |
| 80.00        | SO&WCM 5% <i>o</i> 35%w 60% <i>m</i> | 1.104         |
| 15.00        | O 100% <i>o</i>                      | 0.210         |
| 0.00         | GIP = 0                              | 0.000         |
| 0.00         | API = 28@90F = 25                    | 0.000         |

Total Length: 215.00 ft      Total Volume: 1.904 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

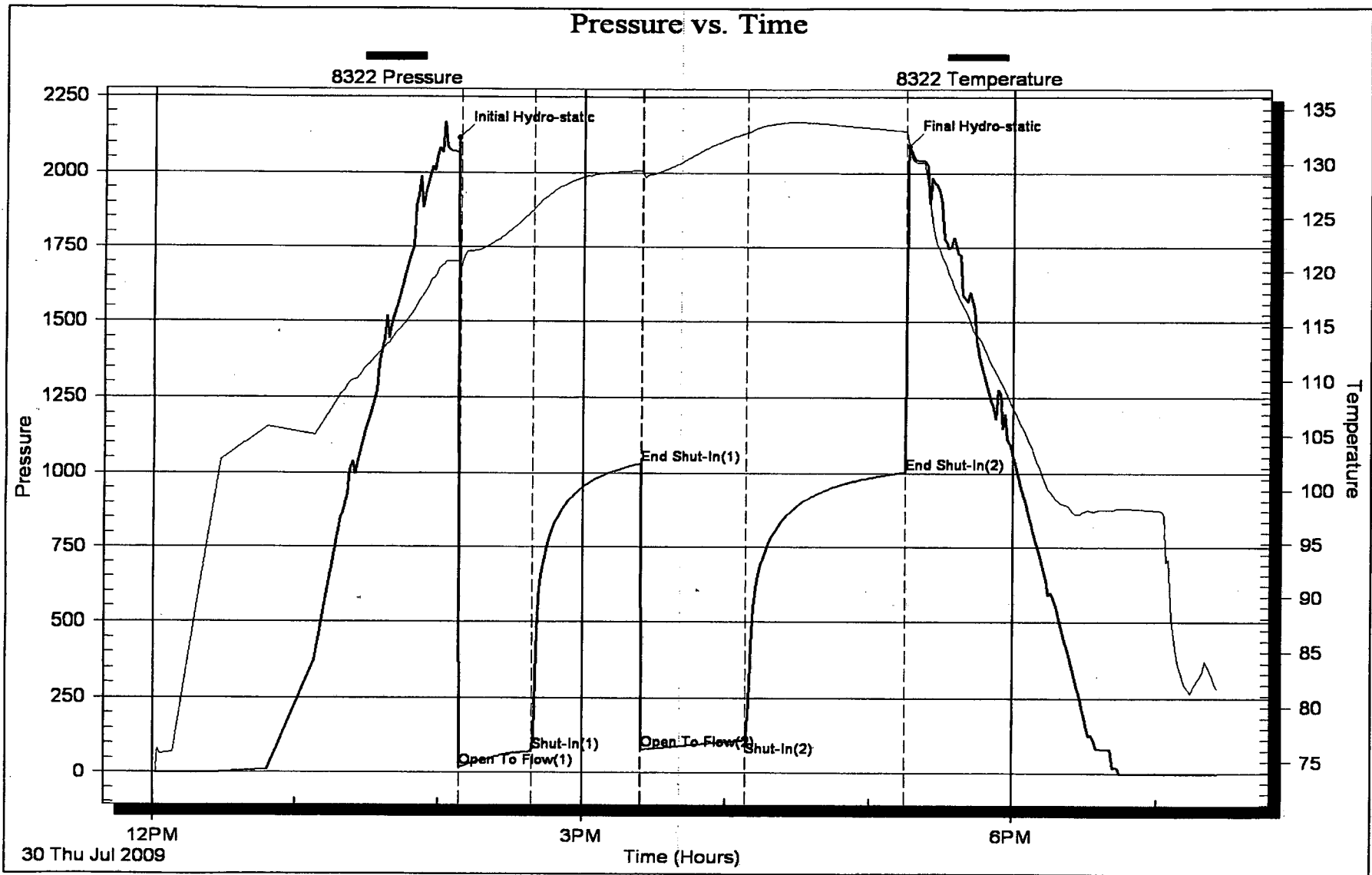
Serial #:

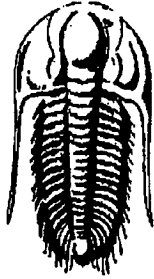
Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .259@ 68F = 27000







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc. of Kansas**

1710 Waterfront PKWY  
Wichita, KS 67206

ATTN: Jon Christensen

**30-17s-31w Scott KS**

**Griffith #1-30**

Start Date: 2009.07.31 @ 14:28:05

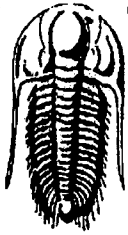
End Date: 2009.07.31 @ 21:20:14

Job Ticket #: 34797      DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34797

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2009.07.31 @ 14:28:05

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:15

Time Test Ended: 21:20:14

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Interval: **4538.00 ft (KB) To 4557.00 ft (KB) (TVD)**

Total Depth: 4557.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2955.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8322**

Inside

Press@RunDepth: 18.02 psig @ 4539.00 ft (KB)

Start Date: 2009.07.31

End Date:

2009.07.31

Capacity: 7000.00 psig

Last Calib.: 2009.07.31

Start Time: 14:28:05

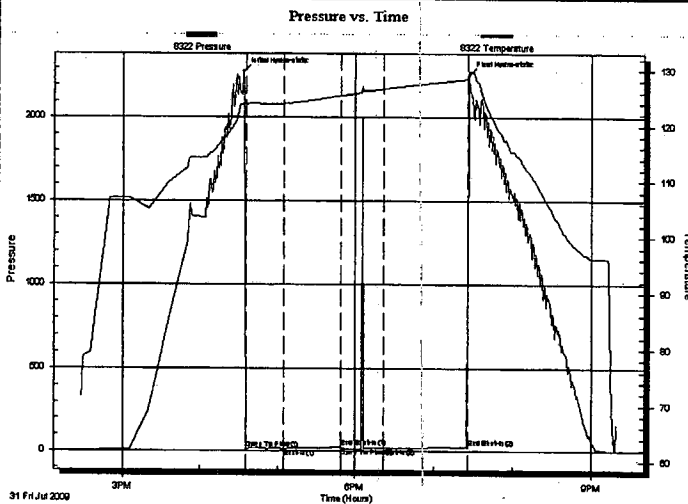
End Time:

21:20:14

Time On Btrm: 2009.07.31 @ 16:33:30

Time Off Btrm: 2009.07.31 @ 19:26:29

**TEST COMMENT:** IF: Built to 3/4 inch died back to 1/2 inch.  
IS: No return.  
FF: No blow, flushed at 15 mins, no blow.  
FS: No return.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2275.67         | 123.65       | Initial Hydro-static |
| 2           | 15.47           | 123.86       | Open To Flow (1)     |
| 32          | 16.34           | 123.91       | Shut-In(1)           |
| 76          | 23.66           | 125.35       | End Shut-In(1)       |
| 76          | 17.30           | 125.36       | Open To Flow (2)     |
| 108         | 18.02           | 126.57       | Shut-In(2)           |
| 172         | 25.88           | 128.36       | End Shut-In(2)       |
| 173         | 2255.24         | 129.63       | Final Hydro-static   |

## Recovery

| Length (ft) | Description        | Volume (bbl) |
|-------------|--------------------|--------------|
| 3.00        | O spotted M 100%rn | 0.01         |
| 0.00        | GIP=0              | 0.00         |
|             |                    |              |
|             |                    |              |
|             |                    |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34797

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2009.07.31 @ 14:28:05

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4333.00 ft | Diameter: 3.80 inches | Volume: 60.78 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: 183.00 ft  | Diameter: 2.25 inches | Volume: 0.90 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 61.68 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 5.00 ft            |                       |                                | String Weight: Initial 72000.00 lb |
| Depth to Top Packer:      | 4538.00 ft         |                       |                                | Final 72000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 19.00 ft           |                       |                                |                                    |
| Tool Length:              | 46.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

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

|                 |       |      |        |         |                               |
|-----------------|-------|------|--------|---------|-------------------------------|
| Change Over Sub | 1.00  |      |        | 4512.00 |                               |
| Shut In Tool    | 5.00  |      |        | 4517.00 |                               |
| Hydraulic tool  | 5.00  |      |        | 4522.00 |                               |
| Jars            | 5.00  |      |        | 4527.00 |                               |
| Safety Joint    | 2.00  |      |        | 4529.00 |                               |
| Packer          | 5.00  |      |        | 4534.00 | 27.00 Bottom Of Top Packer    |
| Packer          | 4.00  |      |        | 4538.00 |                               |
| Stubb           | 1.00  |      |        | 4539.00 |                               |
| Recorder        | 0.00  | 8322 | Inside | 4539.00 |                               |
| Recorder        | 0.00  | 6741 | Inside | 4539.00 |                               |
| Perforations    | 13.00 |      |        | 4552.00 |                               |
| Bullnose        | 5.00  |      |        | 4557.00 | 19.00 Bottom Packers & Anchor |

**Total Tool Length: 46.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Oil Producers Inc. of Kansas

**Griffith #1-30**

1710 Waterfront PKWY  
Wichita, KS 67206

**30-17s-31w Scott KS**

Job Ticket: 34797

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2009.07.31 @ 14:28:05

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.76 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description        | Volume<br>bbl |
|--------------|--------------------|---------------|
| 3.00         | O spotted M 100% m | 0.015         |
| 0.00         | GIP = 0            | 0.000         |

Total Length:

3.00 ft

Total Volume:

0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

