



WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

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

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

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

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

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

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

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |
|-----------------------------------|-----------------|---|

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

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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

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

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

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

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

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

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

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



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

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

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

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

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

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

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

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

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

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

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

|           |                           |
|-----------|---------------------------|
| Form      | ACO1 - Well Completion    |
| Operator  | Shakespeare Oil Co., Inc. |
| Well Name | Peterson 1-8              |
| Doc ID    | 1060383                   |

All Electric Logs Run

|                 |
|-----------------|
|                 |
| Array Induction |
| Photo Density   |
| Comp. Neutron   |
| Microlog        |

|           |                           |
|-----------|---------------------------|
| Form      | ACO1 - Well Completion    |
| Operator  | Shakespeare Oil Co., Inc. |
| Well Name | Peterson 1-8              |
| Doc ID    | 1060383                   |

Tops

| Name               | Top  | Datum |
|--------------------|------|-------|
| Base Anhydrite     | 2482 | +488  |
| Heebner            | 3908 | -938  |
| Lansing            | 3957 | -987  |
| Muncie Creek Shale | 4107 | -1137 |
| Stark Shale        | 4190 | -1220 |
| Hushpuckney Shale  | 4221 | -1251 |
| Base Kansas City   | 4266 | -1296 |
| Pawnee             | 4385 | -1415 |
| Cherokee Shale     | 4468 | -1498 |
| Johnson Zone       | 4511 | -1541 |
| Morrow Sand        | 4549 | -1579 |
| Mississippian      | 4575 | -1605 |



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
Fax: (785) 483-5566

Bill To:

Shakespeare Oil Co., Inc.  
202 West Main St.  
Salem, IL 62881

*File*

Federal Tax I.D.#: 20-5975804

*INT*

# INVOICE

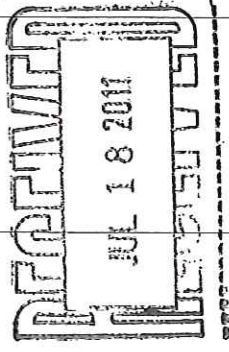
Invoice Number: 127784  
Invoice Date: Jul 5, 2011  
Page: 1

| Customer ID  | Well Name# or Customer P.O. | Payment Terms |
|--------------|-----------------------------|---------------|
| Shak         | Petersen #1-8               | Net 30 Days   |
| Job Location | Camp Location               | Service Date  |
| KS1-04       | Oakley                      | Jul 5, 2011   |
|              |                             | Due Date      |
|              |                             | 8/4/11        |

| Quantity | Item        | Description                               | Unit Price | Amount   |
|----------|-------------|---|------------|----------|
| 260.00   | MAT         | Class A Common                            | 16.25      | 4,225.00 |
| 140.00   | MAT         | Pozmix                                    | 8.50       | 1,190.00 |
| 27.00    | MAT         | Gel                                       | 21.25      | 573.75   |
| 4.00     | MAT         | Cottonseed Hulls                          | 31.85      | 127.40   |
| 100.00   | MAT         | Flo Seal                                  | 2.70       | 270.00   |
| 495.00   | SER         | Handling                                  | 2.25       | 1,113.75 |
| 16.00    | SER         | Mileage 495 sx @. 11 per sk per mi        | 54.45      | 871.20   |
| 1.00     | SER         | <del>Pert-Collas</del> <i>Pert Collan</i> | 2,125.00   | 2,125.00 |
| 32.00    | SER         | Pump Truck Mileage                        | 7.00       | 224.00   |
| 32.00    | SER         | Light Vehicle Mileage                     | 4.00       | 128.00   |
| 1.00     | CEMENTER    | Larene Wentz                              |            |          |
| 1.00     | EQUIP OPER  | Darren Racette                            |            |          |
| 1.00     | OPER ASSIST | Earl Rebarchek                            |            |          |

*Pert Collan*

*Pert Collan*



|                        |                  |
|------------------------|------------------|
| Subtotal               | 10,848.10        |
| Sales Tax              | 466.19           |
| Total Invoice Amount   | 11,314.29        |
| Payment/Credit Applied |                  |
| <b>TOTAL</b>           | <b>11,314.29</b> |

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 2169.62

ONLY IF PAID ON OR BEFORE  
Jul 30, 2011

*DW*

# ALLIED CEMENTING CO., LLC. 040905

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Dakley, KS

|                         |        |                 |       |         |            |             |           |            |
|-------------------------|--------|-----------------|-------|---------|------------|-------------|-----------|------------|
| DATE                    | SEC.   | TWP.            | RANGE | SECTION | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
| 7-5-11                  | 8      | 13              | 32    | 32      |            |             | 3:00pm    | 3:30pm     |
| LEASEE                  | WELL # | LOCATION        |       | COUNTY  | STATE      |             |           |            |
| Referson                | 1-8    | Dakley, 133, 2W |       | Logan   | KS         |             |           |            |
| OLD OR NEW (Circle one) |        |                 |       |         |            |             |           |            |

CONTRACTOR Wildwest OWNER same

TYPE OF JOB port collar

CEMENT

AMOUNT ORDERED 40 sks 6093 8293 8293

1/8" flt seal

|          |                |              |                |
|----------|----------------|--------------|----------------|
| COMMON   | <u>260</u>     | <u>16.25</u> | <u>4225.00</u> |
| POZMIX   | <u>140 sks</u> | <u>8.00</u>  | <u>1120.00</u> |
| GEL      | <u>27 sks</u>  | <u>21.25</u> | <u>573.75</u>  |
| CHLORIDE | @              |              |                |
| ASC      | @              |              |                |

DISPLACEMENT 9.31 661

EQUIPMENT

|            |                         |
|------------|-------------------------|
| PUMP TRUCK | CEMENTER <u>Larrene</u> |
| #          | HELPER <u>Darron</u>    |
| BULK TRUCK |                         |
| #          | DRIVER <u>Earl</u>      |
| BULK TRUCK |                         |
| #          | DRIVER                  |

REMARKS: Pressure system to 1700th open port

Call at 11:45 job ok cement w/ shells

cement to be tested. Dis place with

water. Close port collar. Pressure

to 1200 - held. Rain in 5 min

knock out to clean wash apper

4 times

|                   |                      |         |                |
|-------------------|----------------------|---------|----------------|
| DEPTH OF JOB      | <u>2388'</u>         | SERVICE |                |
| PUMP TRUCK CHARGE |                      |         | <u>2125.00</u> |
| EXTRA FOOTAGE     |                      |         |                |
| MILEAGE           | <u>15.72</u>         | @       | <u>7.00</u>    |
| MANFOLD           | <u>light vehicle</u> | @       | <u>4.00</u>    |
| TOTAL             |                      |         | <u>2129.00</u> |

CHARGE TO: 549 Kespeare

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

PRINTED NAME John Davis

SIGNATURE John Davis

TOTAL CHARGES \_\_\_\_\_ IF PAID IN 30 DAYS

DISCOUNT \_\_\_\_\_

SALES TAX (if Any) \_\_\_\_\_

TOTAL 2422.00

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
Fax: (785) 483-5566

# INVOICE

Invoice Number: 127670  
Invoice Date: Jun 20, 2011  
Page: 1

**Bill To:**  
Shakespeare Oil Co., Inc.  
202 West Main St.  
Salem, IL 62881

Federal Tax I.D.#: 20-5975804

*INT file*

| Customer ID  | Well Name# or Customer P.O. | Payment Terms |
|--------------|-----------------------------|---------------|
| Shak         | Petersen #1-8               | Net 30 Days   |
| Job Location | Camp Location               | Service Date  |
| KS1-01       | Oakley                      | Jun 20, 2011  |
|              |                             | Due Date      |
|              |                             | 7/20/11       |

| Quantity | Item        | Description                        | Unit Price | Amount   |
|----------|-------------|------------------------------------|------------|----------|
| 150.00   | MAT         | Class A Common                     | 16.25      | 2,437.50 |
| 3.00     | MAT         | Gel                                | 21.25      | 63.75    |
| 5.00     | MAT         | Chloride                           | 58.20      | 291.00   |
| 158.00   | SER         | Handling                           | 2.25       | 355.50   |
| 15.00    | SER         | Mileage 158 sx @ .11 per sk per mi | 17.38      | 260.70   |
| 1.00     | SER         | Surface                            | 1,125.00   | 1,125.00 |
| 30.00    | SER         | Pump Truck Mileage                 | 7.00       | 210.00   |
| 1.00     | SER         | Manifold Swedge Rental             | 325.00     | 325.00   |
| 30.00    | SER         | Light Vehicle Mileage              | 4.00       | 120.00   |
| 1.00     | CEMENTER    | Larene Wentz                       |            |          |
| 1.00     | EQUIP OPER  | Darren Racette                     |            |          |
| 1.00     | OPER ASSIST | Ethan Glassman                     |            |          |
| 1.00     | OPER ASSIST | Earl Rebarchek                     |            |          |

**PAID**  
JUL 05 2011  
RECEIVED

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF  
\$ 1037.49  
ONLY IF PAID ON OR BEFORE  
Jul 15, 2011

|                        |                 |
|------------------------|-----------------|
| Subtotal               | 5,188.45        |
| Sales Tax              | 203.83          |
| Total Invoice Amount   | 5,392.28        |
| Payment/Credit Applied |                 |
| <b>TOTAL</b>           | <b>5,392.28</b> |

*DW*

# ALLIED CEMENTING CO., LLC.

040890

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Dakley, Ks*

|                                       |                      |  |                    |            |             |                            |                             |
|---------------------------------------|----------------------|--|--------------------|------------|-------------|----------------------------|-----------------------------|
| DATE<br><i>6-20-11</i>                | SEC.<br><i>8</i>     | TWP.<br><i>13</i>                        | RANGE<br><i>32</i> | CALLED OUT | ON LOCATION | JOB START<br><i>5:00pm</i> | JOB FINISH<br><i>5:30pm</i> |
| LEASE<br><i>Petersen</i>              | WELL #<br><i>1-8</i> | LOCATION<br><i>Oakley, Ks 13S 2X2 RW</i> |                    |            |             | COUNTY<br><i>Logan</i>     | STATE<br><i>Ks</i>          |
| OLD OR NEW (Circle one)<br><i>NEW</i> |                      | OWNER<br><i>Same</i>                     |                    |            |             |                            |                             |

CONTRACTOR *Ww #2*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *220'*

CASING SIZE *8 3/8* DEPTH *219.77*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX DEPTH

MEAS. LINE MINIMUM

CEMENT LEFT IN CSG. *15 ft* SHOE JOINT

PERFS.

DISPLACEMENT *13.02*

EQUIPMENT

PUMP TRUCK CEMENTER *Lakone*

# *431* HELPER *Darren*

BULK TRUCK DRIVER *Ethan-Earl*

#

BULK TRUCK DRIVER

#

CEMENT

AMOUNT ORDERED *150 sks com 38cc*

*2% gal*

COMMON *150 sks @ 16.25 2432.50*

POZMIX @

GEL *350 @ 21.25 6375*

CHLORIDE *550 @ 58.20 29100*

ASC @

HANDLING *158 sk @ 2.25 355.50*

MILEAGE *1185k/mile* TOTAL *3408.75*

REMARKS: *Mix 150 sks down hole, displace with water*

*Cement did circulate*

*Thank you*

CHARGE TO: *Shakespeare Oil*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

|                      |                              |         |
|----------------------|------------------------------|---------|
| DEPTH OF JOB         | <i>219.77</i>                | SERVICE |
| PUMP TRUCK CHARGE    | <i>1125.00</i>               |         |
| EXTRA FOOTAGE        |                              |         |
| MILEAGE              | <i>1512 @ 2.00 3025.00</i>   |         |
| MANIFOLD             | <i>swedge @ 4.00 1200.00</i> |         |
| <i>light vehicle</i> |                              |         |
| TOTAL                | <i>17800.00</i>              |         |

PLUG & FLOAT EQUIPMENT

|       |   |  |
|-------|---|--|
|       | @ |  |
|       | @ |  |
|       | @ |  |
|       | @ |  |
|       | @ |  |
| 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.

PRINTED NAME *Norm's Energy*

SIGNATURE *Norm's Energy*

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_





PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
Fax: (785) 483-5566

817-735-4777 Tammy

# INVOICE

Invoice Number: 127736  
Invoice Date: Jun 30, 2011  
Page: 1

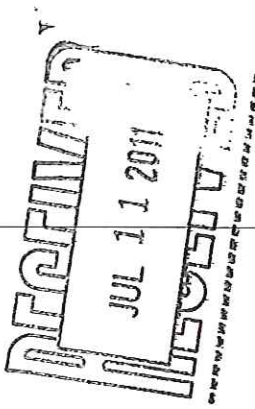
**Bill To:**  
Shakespeare Oil Co., Inc.  
202 West Main St.  
Salem, IL 62881

Federal Tax I.D.#: 20-5975804

*file*  
*INT*

| Customer ID  | Well Name# or Customer P.O. | Payment Terms |
|--------------|-----------------------------|---------------|
| Shak         | Petersen #1-8               | Net 30 Days   |
| Job Location | Camp Location               | Service Date  |
| KS1-04       | Oakley                      | Jun 30, 2011  |
|              |                             | Due Date      |
|              |                             | 7/30/11       |

| Quantity | Item       | Description                        | Unit Price | Amount   |
|----------|------------|------------------------------------|------------|----------|
| 4.00     | MAT        | Gel                                | 21.25      | 85.00    |
| 225.00   | MAT        | ASC Class A                        | 19.00      | 4,275.00 |
| 1,125.00 | MAT        | Gilsonite                          | 0.89       | 1,001.25 |
| 21.00    | MAT        | Salt                               | 23.95      | 502.95   |
| 162.00   | MAT        | CD-31                              | 9.35       | 1,514.70 |
| 288.00   | SER        | Handling                           | 2.25       | 648.00   |
| 15.00    | SER        | Mileage 288 sx @ .11 per sk per mi | 31.68      | 475.20   |
| 1.00     | SER        | <del>Port Collar</del> Production  | 2,405.00   | 2,405.00 |
| 30.00    | SER        | Pump truck Mileage                 | 7.00       | 210.00   |
| 1.00     | SER        | Manifold Head Rental               | 200.00     | 200.00   |
| 30.00    | SER        | Light Vehicle Mileage              | 4.00       | 120.00   |
| 1.00     | CEMENTER   | Larene Wentz                       |            |          |
| 1.00     | EQUIP OPER | Darren Racette                     |            |          |



|                        |                  |
|------------------------|------------------|
| Subtotal               | 11,437.10        |
| Sales Tax              | 538.66           |
| Total Invoice Amount   | 11,975.76        |
| Payment/Credit Applied |                  |
| <b>TOTAL</b>           | <b>11,975.76</b> |

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 2287.42

ONLY IF PAID ON OR BEFORE  
Jul 25, 2011

DW

# ALLIED CEMENTING CO., LLC. 040899

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Dakley Co

|                         |            |                               |          |            |             |                      |                       |
|-------------------------|------------|-------------------------------|----------|------------|-------------|----------------------|-----------------------|
| DATE<br>6-30-11         | SEC. 8     | TWP. 13                       | RANGE 22 | CALLED OUT | ON LOCATION | JOB START<br>8/20/10 | JOB FINISH<br>9/15/10 |
| LEASEE<br>Peterson      | WELL.# 1-8 | LOCATION<br>Dakley Co 135 Row |          |            |             | COUNTY<br>Logan      | STATE<br>KS           |
| OLD OR NEW (Circle one) |            | OWNER<br>Same                 |          |            |             |                      |                       |

CONTRACTOR WSD #2  
 TYPE OF JOB water tower  
 HOLE SIZE 12 1/8 T.D. 476.41  
 CASING SIZE 5 1/2 DEPTH 466.31  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 421  
 CEMENT LEFT IN CSG. 421  
 PERFS.  
 DISPLACEMENT 100.00

CEMENT  
 AMOUNT ORDERED 225 bags A 90 1022200  
549 bags B 210 g.c. 14.5 16-500  
2684 1/2 CD-31 g

|          |   |                          |
|----------|---|--------------------------|
| COMMON   | @ |                          |
| POZMIX   | @ |                          |
| GEL      | @ | 4.50 @ 21.25 85.00       |
| CHLORIDE | @ |                          |
| ASC      | @ | 225 bags @ 12.00 2700.00 |
| g.c.     | @ | 1125# @ .89 1001.25      |
| salt     | @ | 2100 @ 23.75 5000.95     |
| CD-31    | @ | 162# @ 9.35 1514.70      |
| HANDLING | @ | 2880# @ 2.25 6480.00     |
| MILEAGE  | @ | 1835/mile 475.20         |
| TOTAL    |   | 8542.10                  |

EQUIPMENT  
 PUMP TRUCK - CEMENTER LeLew  
 # 4031 HELPER Parren  
 BULK TRUCK DRIVER Mike  
 # 404  
 BULK TRUCK DRIVER

REMARKS:  
Mix 500 gal water  
ply clowshole 205/6  
ply clowshole 205/6  
mix 175 ster slow caring  
Drill pipe with water  
plug latched float held 2000

SERVICE  
 DEPTH OF JOB 466.31  
 PUMP TRUCK CHARGE 2880.00  
 EXTRA FOOTAGE @ 2.00 210.00  
 MILEAGE 1835 @ 4.00 7340.00  
 MANIFOLD head  
 light char. 10/2 @ 190.00

CHARGE TO: Shakespeare  
 STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 2935.00

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 \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_

PRINTED NAME John Davison  
 SIGNATURE John Davison



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 43413

**DST#: 1**

Test Start: 2011.06.24 @ 09:53:13

## GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:43:13

Time Test Ended: 15:14:13

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 3974.00 ft (KB) To 3996.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 3996.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 35.82 psig @ 3978.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.24

End Date:

2011.06.24

Last Calib.:

2011.06.24

Start Time: 09:53:14

End Time:

15:14:13

Time On Btm:

2011.06.24 @ 11:42:13

Time Off Btm:

2011.06.24 @ 13:44:43

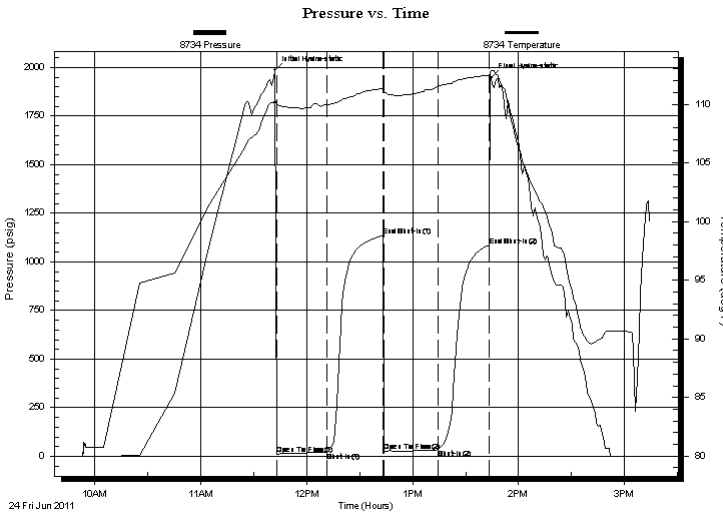
TEST COMMENT: IFP - sur blow throughout

ISI - no blow back

FFP - no blow

FSI - no blow back

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1984.29         | 110.35       | Initial Hydro-static |
| 1           | 12.87           | 109.97       | Open To Flow (1)     |
| 30          | 23.22           | 109.94       | Shut-In(1)           |
| 61          | 1133.84         | 111.33       | End Shut-In(1)       |
| 62          | 25.10           | 110.99       | Open To Flow (2)     |
| 92          | 35.82           | 111.48       | Shut-In(2)           |
| 121         | 1084.21         | 112.44       | End Shut-In(2)       |
| 123         | 1946.63         | 112.83       | Final Hydro-static   |

## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 9.00        | OCM 10%O, 90%M | 0.04         |
| 1.00        | MO 80%O, 20%M  | 0.00         |
|             |                |              |
|             |                |              |
|             |                |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43413

**DST#: 1**

ATTN: Rich Bell

Test Start: 2011.06.24 @ 09:53:13

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description    | Volume<br>bbbl |
|--------------|----------------|----------------|
| 9.00         | OCM 10%O, 90%M | 0.044          |
| 1.00         | MO 80%O, 20%M  | 0.005          |

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

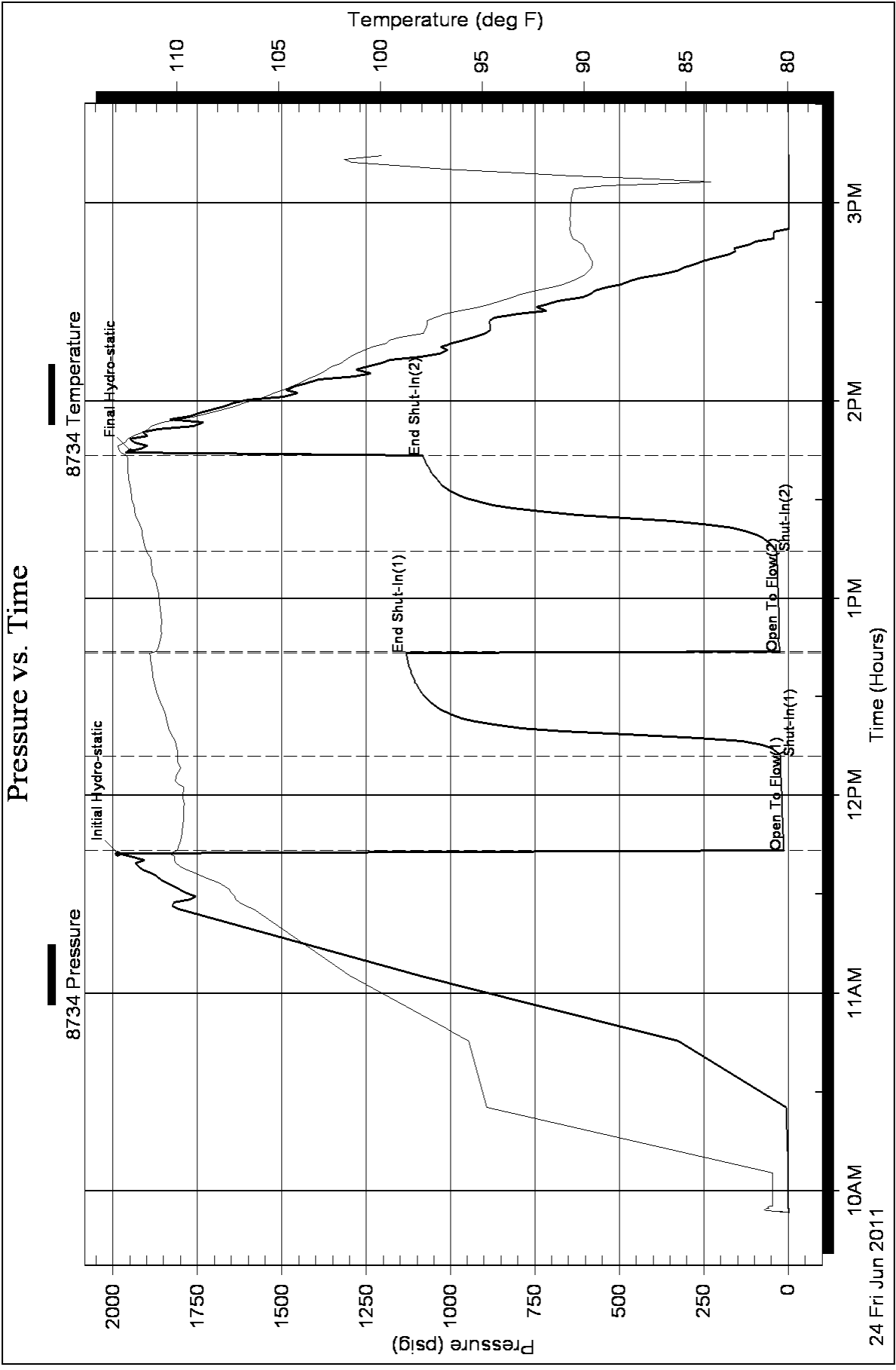
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 43414

**DST#: 2**

Test Start: 2011.06.24 @ 23:14:33

## GENERAL INFORMATION:

Formation: **LKC "D-E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:14:33

Time Test Ended: 04:45:33

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 4023.00 ft (KB) To 4057.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 4057.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 24.68 psig @ 4029.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.24

End Date:

2011.06.25

Last Calib.:

2011.06.25

Start Time: 23:14:34

End Time:

04:45:33

Time On Btm:

2011.06.25 @ 01:13:33

Time Off Btm:

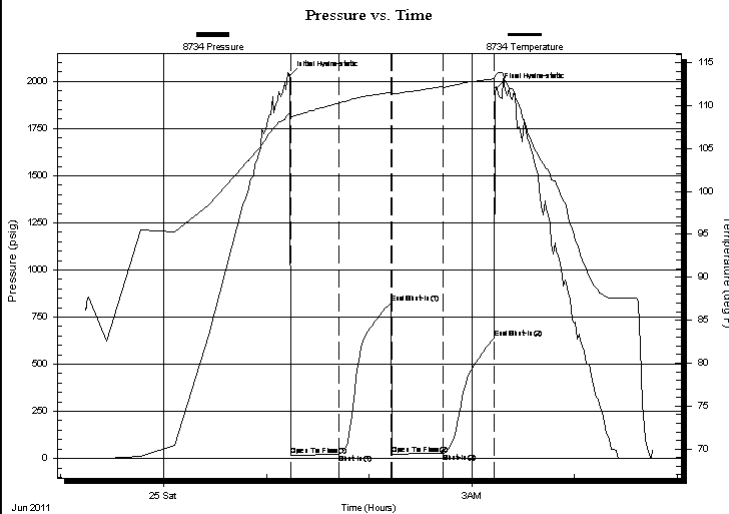
2011.06.25 @ 03:14:33

TEST COMMENT: IFP - sur blow - died 11 min

ISI - no blow back

FFP - no blow

FSI - no blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2031.27         | 109.13       | Initial Hydro-static |
| 1           | 15.51           | 108.68       | Open To Flow (1)     |
| 29          | 20.91           | 110.31       | Shut-In(1)           |
| 59          | 823.99          | 111.53       | End Shut-In(1)       |
| 60          | 23.75           | 111.35       | Open To Flow (2)     |
| 90          | 24.68           | 112.13       | Shut-In(2)           |
| 120         | 640.80          | 113.10       | End Shut-In(2)       |
| 121         | 1965.07         | 113.76       | Final Hydro-static   |

## Recovery

| Length (ft) | Description  | Volume (bbl) |
|-------------|--------------|--------------|
| 3.00        | drl mud 100% | 0.01         |
|             |              |              |
|             |              |              |
|             |              |              |
|             |              |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43414

**DST#: 2**

ATTN: Rich Bell

Test Start: 2011.06.24 @ 23:14:33

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description  | Volume<br>bbl |
|--------------|--------------|---------------|
| 3.00         | drl mud 100% | 0.015         |

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

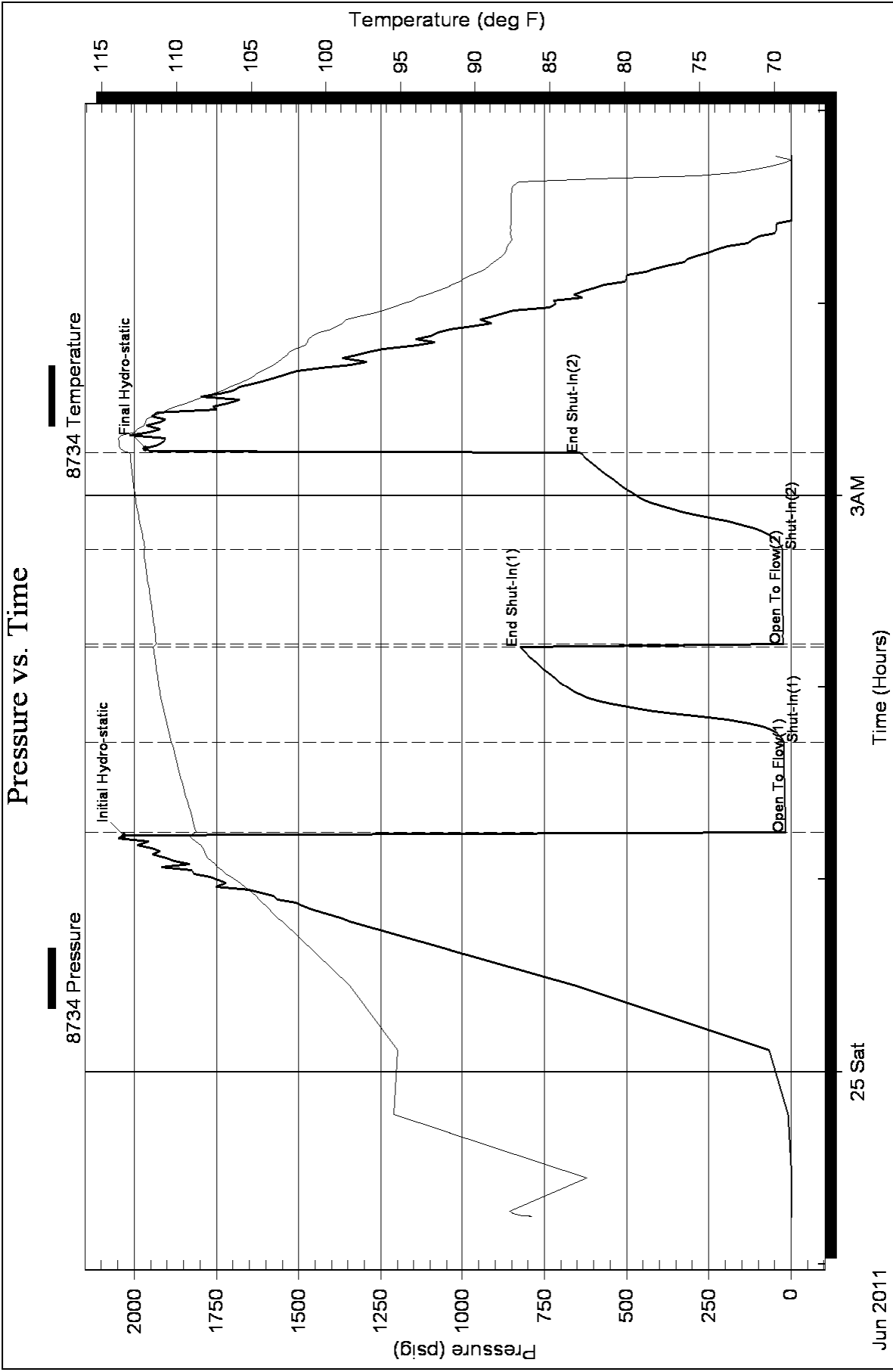
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43415

**DST#: 3**

ATTN: Rich Bell

Test Start: 2011.06.25 @ 21:16:55

## GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:19:55

Time Test Ended: 03:59:25

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 4096.00 ft (KB) To 4180.00 ft (KB) (TVD)**

Total Depth: 4180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 146.70 psig @ 4099.00 ft (KB)

Start Date: 2011.06.25

End Date:

2011.06.26

Start Time: 21:16:56

End Time:

03:59:25

Capacity: 8000.00 psig

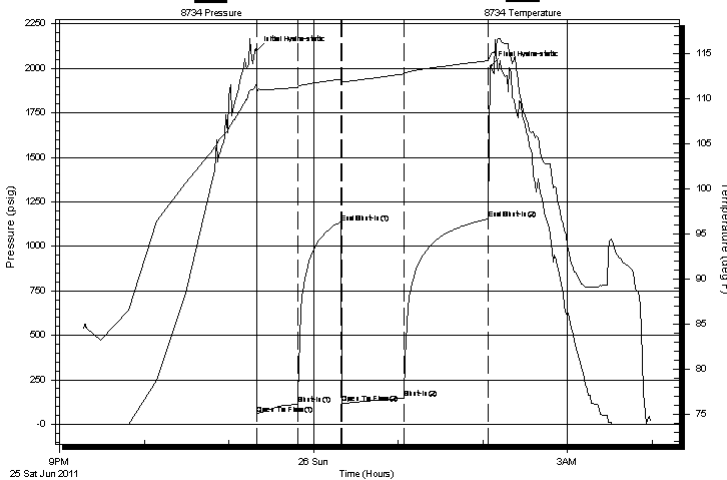
Last Calib.: 2011.06.26

Time On Btm: 2011.06.25 @ 23:19:25

Time Off Btm: 2011.06.26 @ 02:05:55

**TEST COMMENT:** IFP - weak to good blow 1/2" - 6"  
ISI - no blow back  
FFP - no blow 3 min - 5"  
FSI - no blow back

Pressure vs. Time



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2102.57         | 111.52       | Initial Hydro-static |
| 1           | 53.27           | 110.63       | Open To Flow (1)     |
| 29          | 112.06          | 111.25       | Shut-In(1)           |
| 60          | 1132.82         | 112.13       | End Shut-In(1)       |
| 61          | 116.87          | 111.89       | Open To Flow (2)     |
| 105         | 146.70          | 112.73       | Shut-In(2)           |
| 165         | 1153.32         | 114.20       | End Shut-In(2)       |
| 167         | 2015.87         | 115.02       | Final Hydro-static   |

## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 129.00      | MW 50%W, 50%M | 0.68         |
| 60.00       | DRL MUD 100%  | 0.84         |
| 1.00        | FREE OIL TSTM | 0.01         |
|             |               |              |
|             |               |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43415

**DST#: 3**

ATTN: Rich Bell

Test Start: 2011.06.25 @ 21:16:55

### 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:

42000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbbl |
|--------------|---------------|----------------|
| 129.00       | MW 50%W, 50%M | 0.680          |
| 60.00        | DRL MUD 100%  | 0.842          |
| 1.00         | FREE OIL TSTM | 0.014          |

Total Length: 190.00 ft

Total Volume: 1.536 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

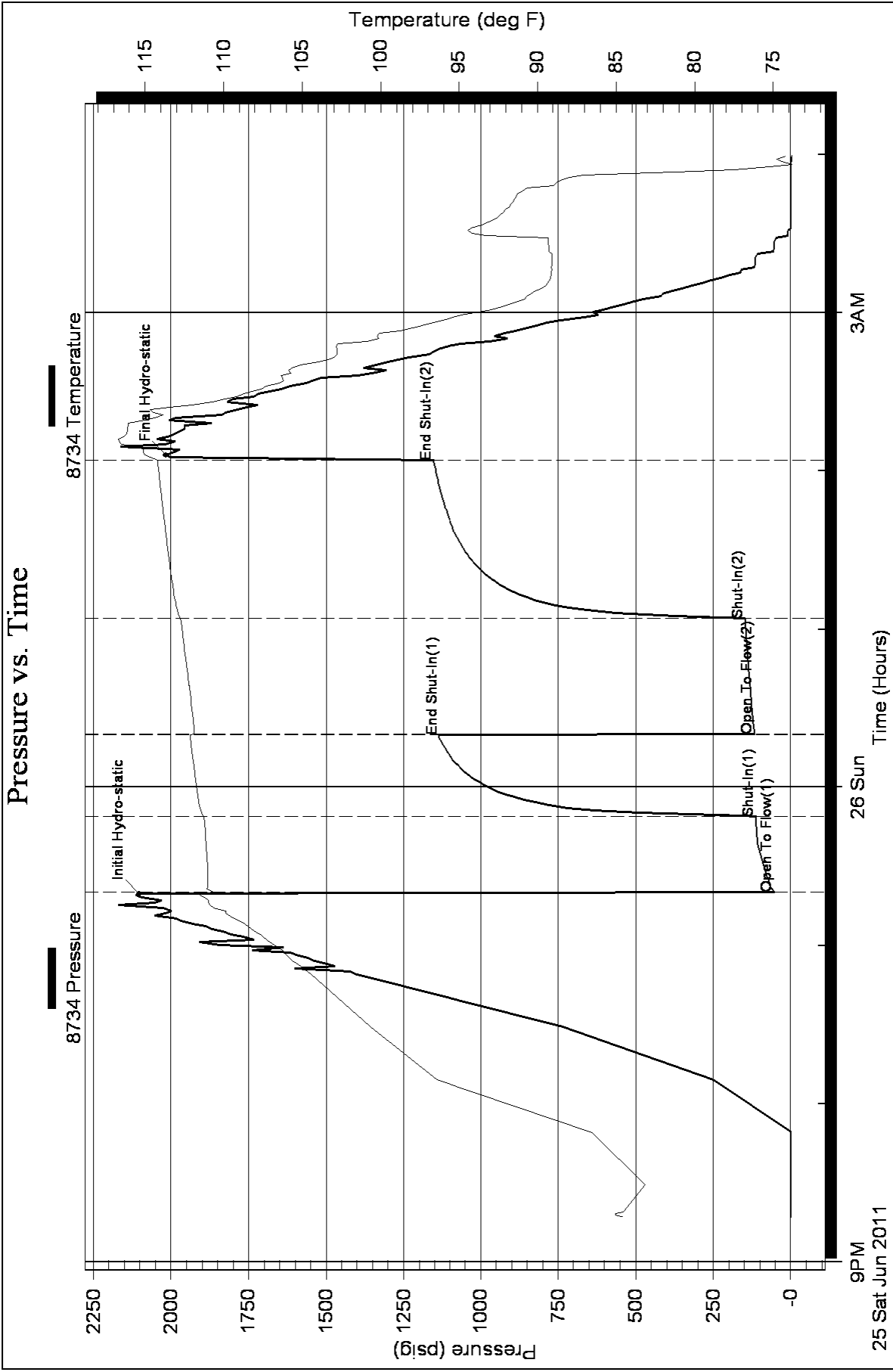
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 43416

**DST#: 4**

Test Start: 2011.06.26 @ 13:35:59

## GENERAL INFORMATION:

Formation: **LKC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:10:29

Time Test Ended: 19:26:59

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 4216.00 ft (KB) To 4256.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 4256.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 71.21 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.26

End Date:

2011.06.26

Last Calib.:

2011.06.26

Start Time: 13:36:00

End Time:

19:26:59

Time On Btm:

2011.06.26 @ 15:09:29

Time Off Btm:

2011.06.26 @ 17:55:59

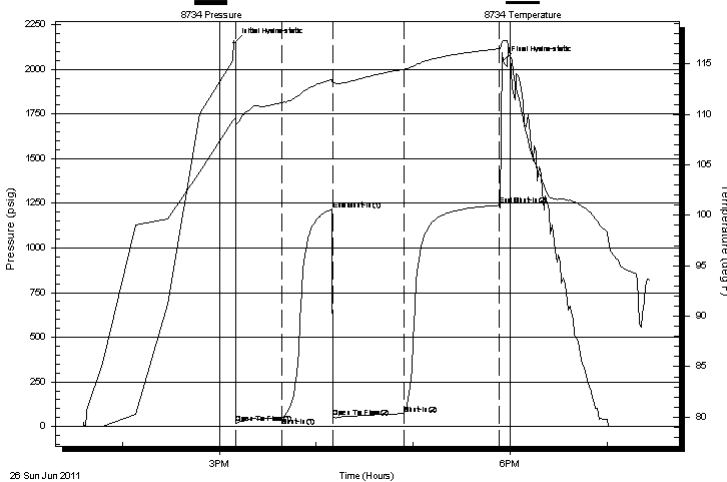
**TEST COMMENT:** IFP - weak to good blow sur - 6"

ISI - no blow back

FFP - BOB 15 min

FSI - sur blow back - died 8 min

Pressure vs. Time



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2148.90         | 109.54       | Initial Hydro-static |
| 1           | 16.65           | 109.08       | Open To Flow (1)     |
| 29          | 49.50           | 111.17       | Shut-In(1)           |
| 61          | 1215.87         | 113.48       | End Shut-In(1)       |
| 61          | 50.68           | 113.09       | Open To Flow (2)     |
| 105         | 71.21           | 114.47       | Shut-In(2)           |
| 164         | 1239.19         | 116.50       | End Shut-In(2)       |
| 167         | 2049.97         | 117.29       | Final Hydro-static   |

## Recovery

| Length (ft) | Description           | Volume (bbl) |
|-------------|-----------------------|--------------|
| 60.00       | GOCM 20%G, 20%O, 60%M | 0.30         |
| 95.00       | MCO 50%O, 50%M        | 0.75         |
| 0.00        | 300' GIP              | 0.00         |
|             |                       |              |
|             |                       |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43416

**DST#: 4**

ATTN: Rich Bell

Test Start: 2011.06.26 @ 13:35:59

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description           | Volume<br>bbbl |
|--------------|-----------------------|----------------|
| 60.00        | GOCM 20%G, 20%O, 60%M | 0.295          |
| 95.00        | MCO 50%O, 50%M        | 0.750          |
| 0.00         | 300' GIP              | 0.000          |

Total Length: 155.00 ft

Total Volume: 1.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

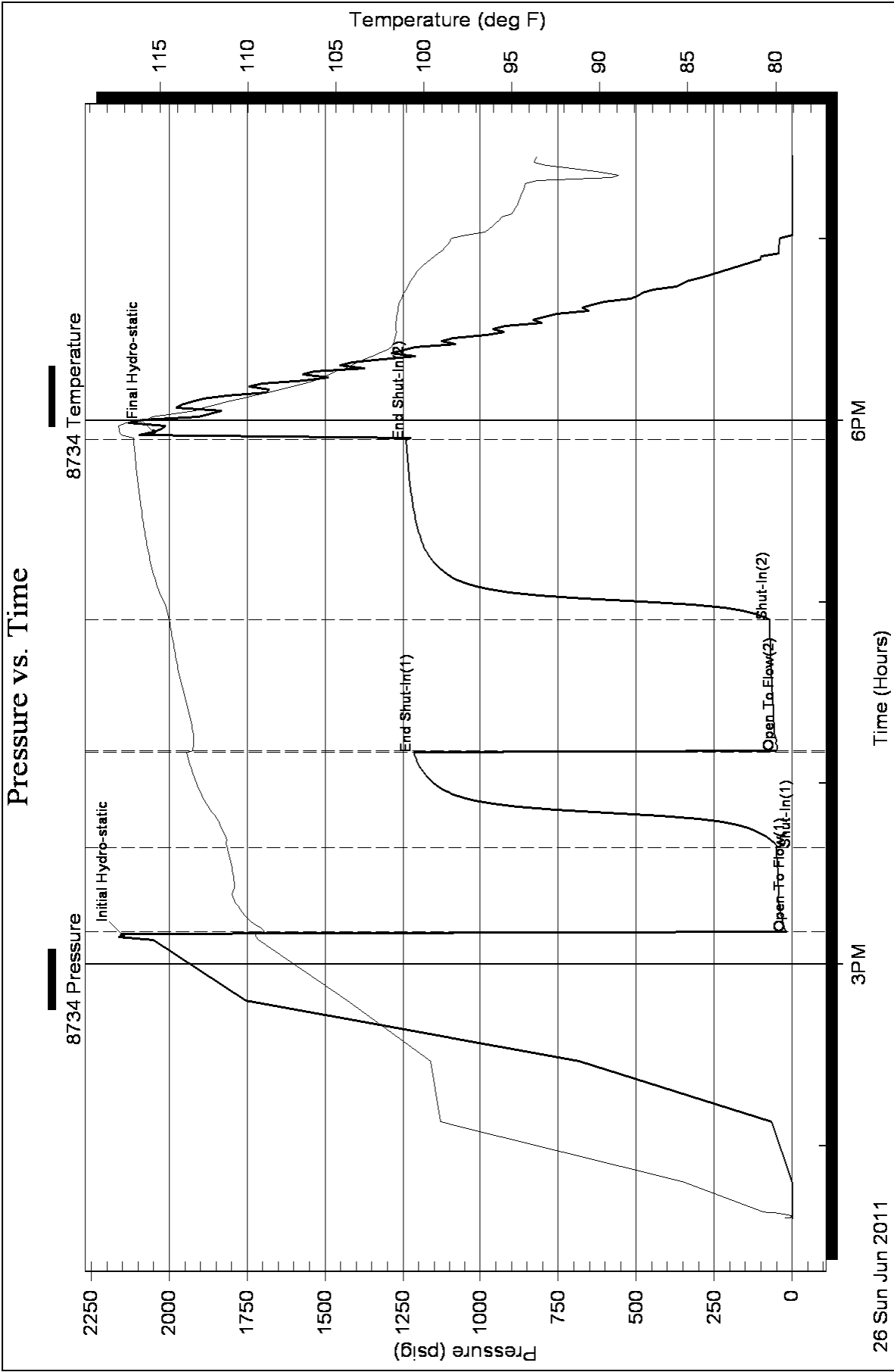
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 042695

**DST#: 5**

Test Start: 2011.06.27 @ 16:55:13

## GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:37:38

Time Test Ended: 22:14:07

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4380.00 ft (KB) To 4470.00 ft (KB) (TVD)**

Total Depth: 4470.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 29.20 psig @ 4381.00 ft (KB)

Start Date: 2011.06.27

End Date:

2011.06.27

Start Time: 16:55:13

End Time:

22:14:07

Capacity: 8000.00 psig

Last Calib.: 2011.06.27

Time On Btm: 2011.06.27 @ 18:35:23

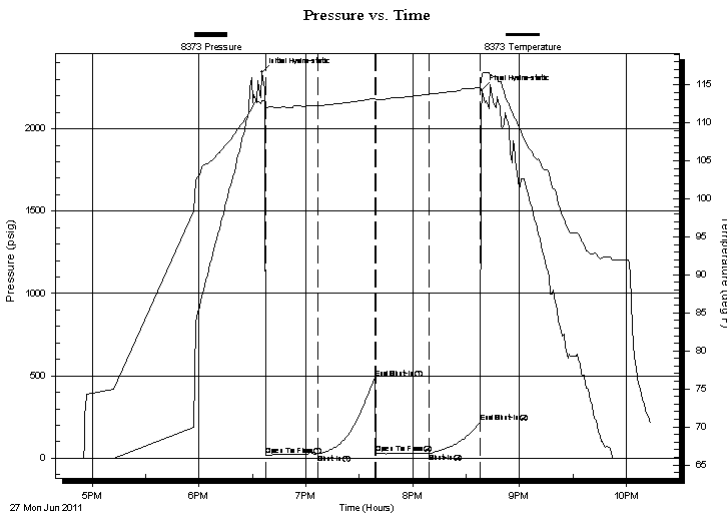
Time Off Btm: 2011.06.27 @ 20:38:53

TEST COMMENT: IF: 1/4 blow died in 13 min.

IS: No return.

FF: No return.

FS: No return.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2342.67         | 112.94       | Initial Hydro-static |
| 3           | 19.69           | 112.01       | Open To Flow (1)     |
| 32          | 24.70           | 112.26       | Shut-In(1)           |
| 64          | 485.40          | 113.22       | End Shut-In(1)       |
| 64          | 27.67           | 113.00       | Open To Flow (2)     |
| 94          | 29.20           | 113.76       | Shut-In(2)           |
| 123         | 218.12          | 114.63       | End Shut-In(2)       |
| 124         | 2236.70         | 116.33       | Final Hydro-static   |

## Recovery

| Length (ft) | Description           | Volume (bbl) |
|-------------|-----------------------|--------------|
| 10.00       | mud 100% <sub>m</sub> | 0.05         |
|             |                       |              |
|             |                       |              |
|             |                       |              |
|             |                       |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 042695

**DST#: 5**

ATTN: Rich Bell

Test Start: 2011.06.27 @ 16:55:13

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 10.00        | mud 100%m   | 0.049         |

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

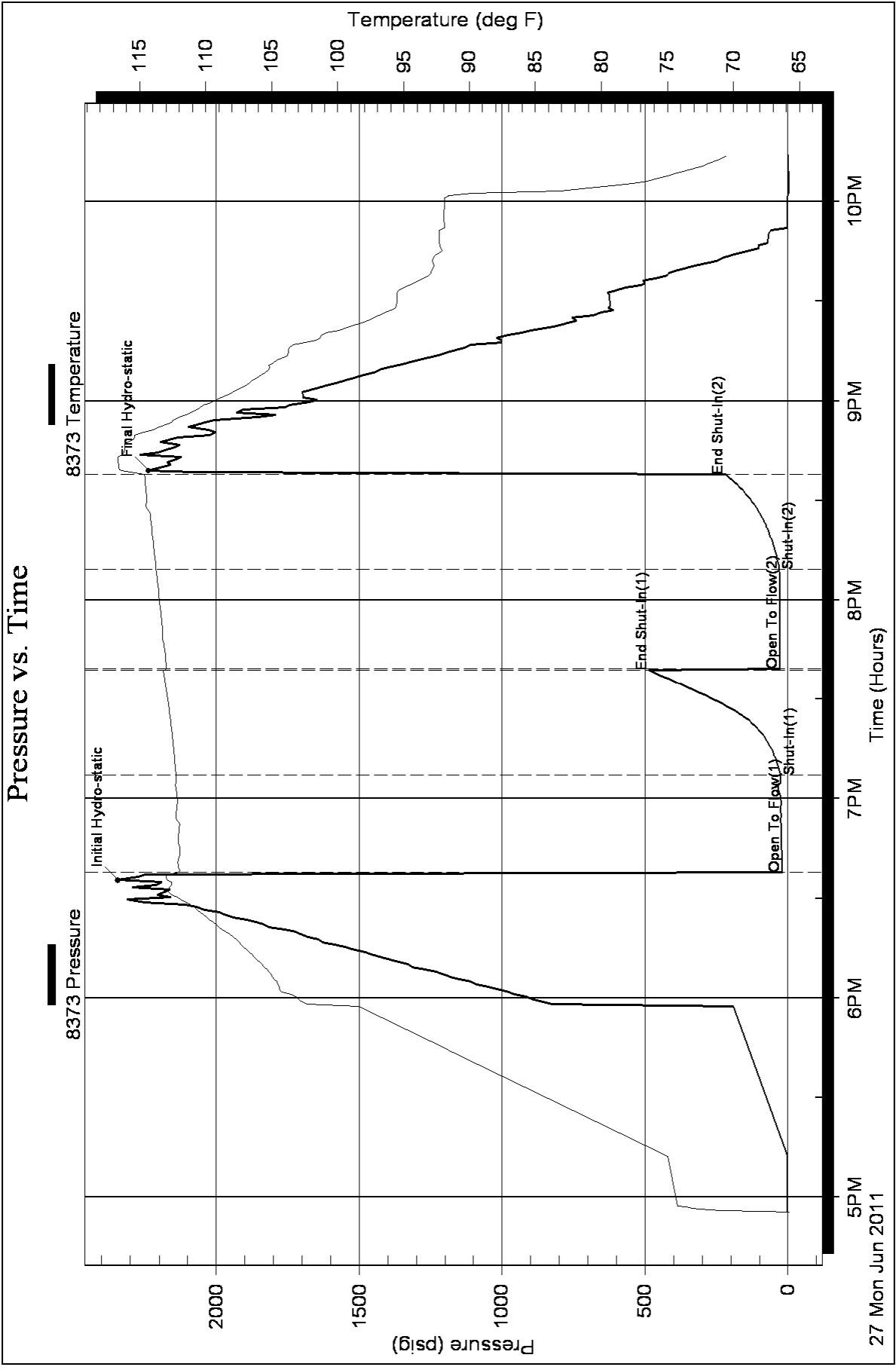
Laboratory Name:

Laboratory Location:

Recovery Comments:



### Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 042696

**DST#: 6**

Test Start: 2011.06.28 @ 08:10:00

## GENERAL INFORMATION:

Formation: **4538**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:45:15

Time Test Ended: 14:56:15

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 35

**Interval: 4464.00 ft (KB) To 4538.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 3996.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 57.79 psig @ 4465.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.28

End Date:

2011.06.28

Last Calib.:

2011.06.28

Start Time: 08:10:05

End Time:

14:56:14

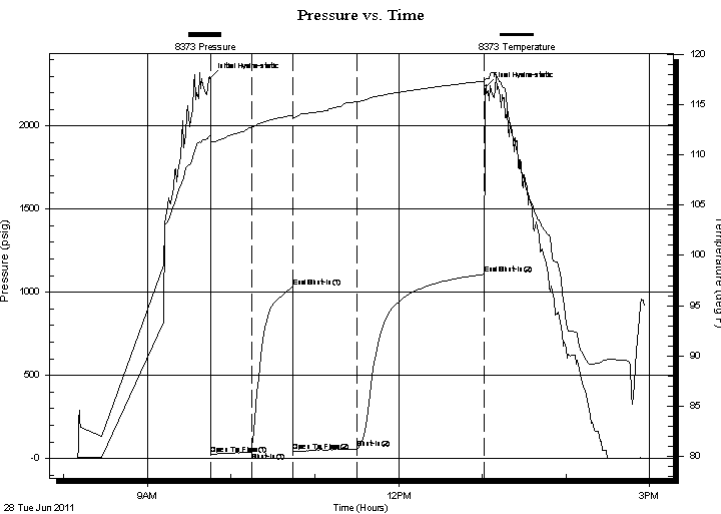
Time On Btm:

2011.06.28 @ 09:45:00

Time Off Btm:

2011.06.28 @ 13:02:45

**TEST COMMENT:** IF: 1 inch blow .  
IS: No return blow .  
FF: 1/2 inch blow .  
FS: No return blow .



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2291.53         | 111.91       | Initial Hydro-static |
| 1           | 25.18           | 111.24       | Open To Flow (1)     |
| 30          | 35.47           | 112.75       | Shut-In(1)           |
| 59          | 1032.63         | 113.98       | End Shut-In(1)       |
| 60          | 41.73           | 113.63       | Open To Flow (2)     |
| 105         | 57.79           | 115.31       | Shut-In(2)           |
| 197         | 1107.47         | 117.36       | End Shut-In(2)       |
| 198         | 2239.56         | 117.58       | Final Hydro-static   |

## Recovery

| Length (ft) | Description            | Volume (bbl) |
|-------------|------------------------|--------------|
| 75.00       | MUD 100% m (oil spots) | 0.37         |
|             |                        |              |
|             |                        |              |
|             |                        |              |
|             |                        |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 042696

**DST#: 6**

ATTN: Rich Bell

Test Start: 2011.06.28 @ 08:10:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description           | Volume<br>bbl |
|--------------|-----------------------|---------------|
| 75.00        | MUD 100%m (oil spots) | 0.369         |

Total Length: 75.00 ft      Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

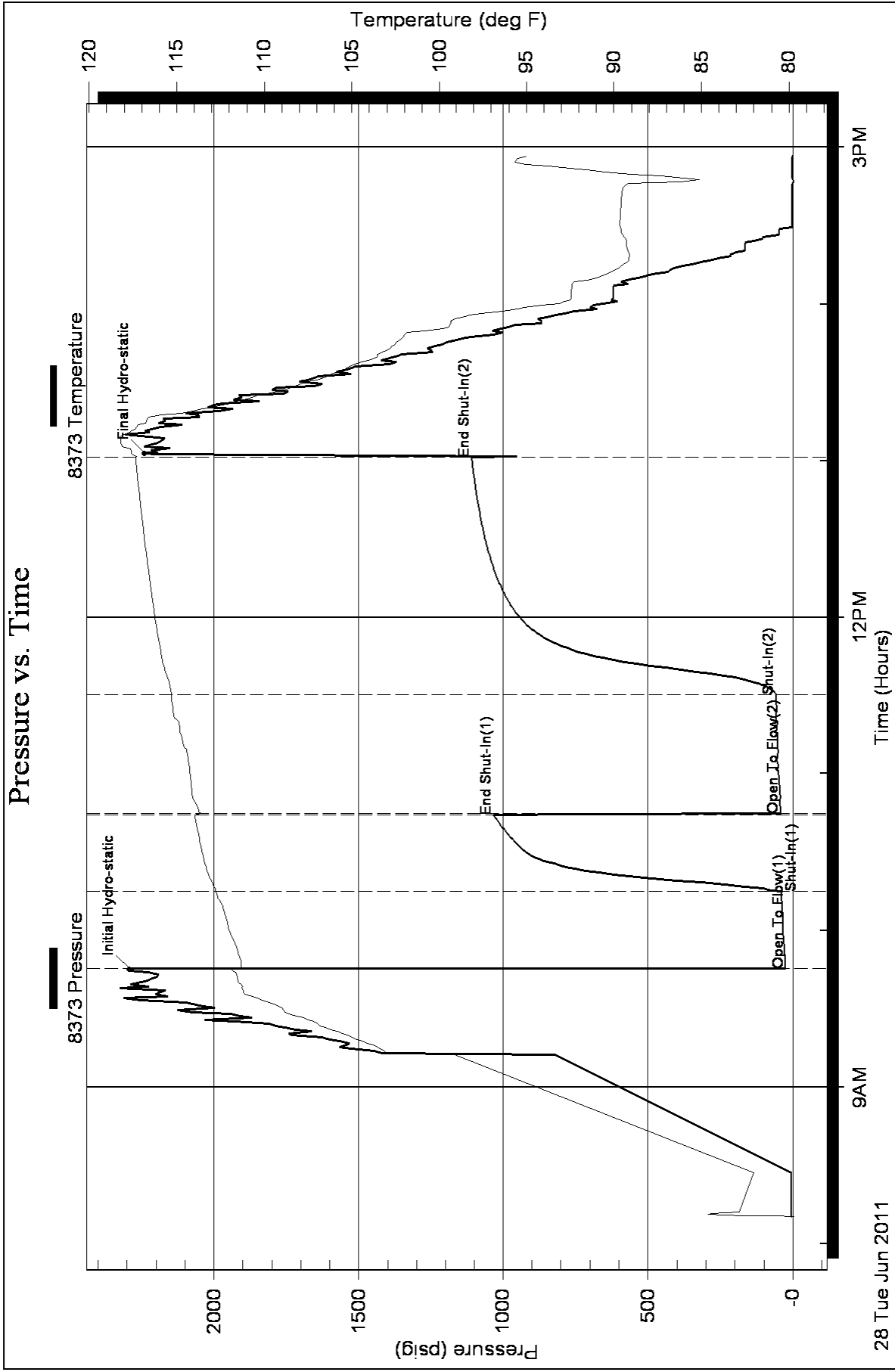
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 042697

**DST#: 7**

Test Start: 2011.06.28 @ 22:30:35

## GENERAL INFORMATION:

Formation: **Marrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:13:15

Time Test Ended: 05:34:14

Test Type: Conventional Bottom Hole

Tester: Brandon Turely

Unit No: 35

**Interval: 4543.00 ft (KB) To 4575.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 4575.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 70.96 psig @ 4544.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.28

End Date:

2011.06.29

Last Calib.:

2011.06.29

Start Time: 22:30:35

End Time:

05:34:14

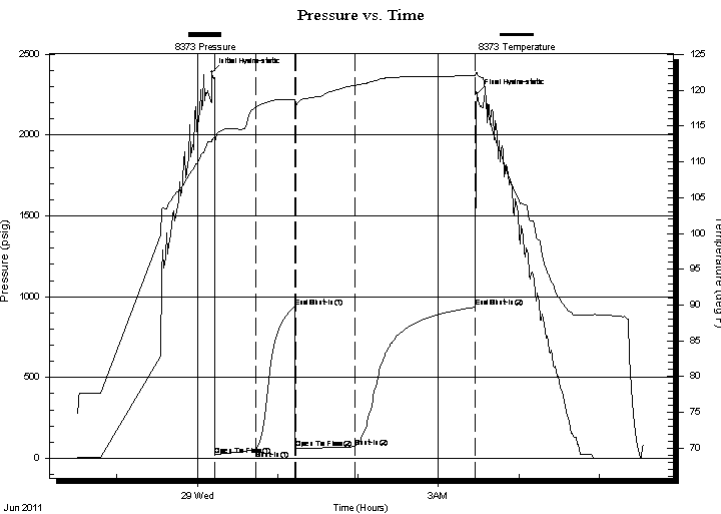
Time On Btm:

2011.06.29 @ 00:11:00

Time Off Btm:

2011.06.29 @ 03:28:29

**TEST COMMENT:** IF: 1/4 blow built to 3 1/2 in 30 min.  
IS: No return.  
FF: 1/4 blow built to 9 in 45 min.  
FS: Surface blow died in 10 min.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2387.44         | 113.03       | Initial Hydro-static |
| 3           | 20.08           | 112.64       | Open To Flow (1)     |
| 33          | 51.99           | 117.55       | Shut-In(1)           |
| 62          | 936.55          | 118.74       | End Shut-In(1)       |
| 63          | 61.25           | 118.32       | Open To Flow (2)     |
| 107         | 70.96           | 120.64       | Shut-In(2)           |
| 197         | 934.97          | 122.05       | End Shut-In(2)       |
| 198         | 2256.66         | 122.50       | Final Hydro-static   |

## Recovery

| Length (ft) | Description        | Volume (bbl) |
|-------------|--------------------|--------------|
| 62.00       | mco 30%g 40%o 30%m | 0.30         |
| 93.00       | gocm 5%g 25%o 70%m | 0.74         |
| 0.00        | 155 GIP            | 0.00         |
|             |                    |              |
|             |                    |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 042697

**DST#: 7**

ATTN: Rich Bell

Test Start: 2011.06.28 @ 22:30:35

## Mud and Cushion Information

|                                  |                            |                 |           |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem               | Cushion Type:              | Oil API:        | 0 deg API |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Salinity: | 0 ppm     |
| Viscosity: 54.00 sec/qt          | Cushion Volume: bbl        |                 |           |
| Water Loss: 8.78 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: 0.00 ohm.m          | Gas Cushion Pressure: psig |                 |           |
| Salinity: 4800.00 ppm            |                            |                 |           |
| Filter Cake: 1.00 inches         |                            |                 |           |

## Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbl |
|--------------|---------------------|---------------|
| 62.00        | mcgo 30%g 40%o 30%m | 0.305         |
| 93.00        | gocm 5%g 25%o 70%m  | 0.740         |
| 0.00         | 155 GIP             | 0.000         |

Total Length: 155.00 ft      Total Volume: 1.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

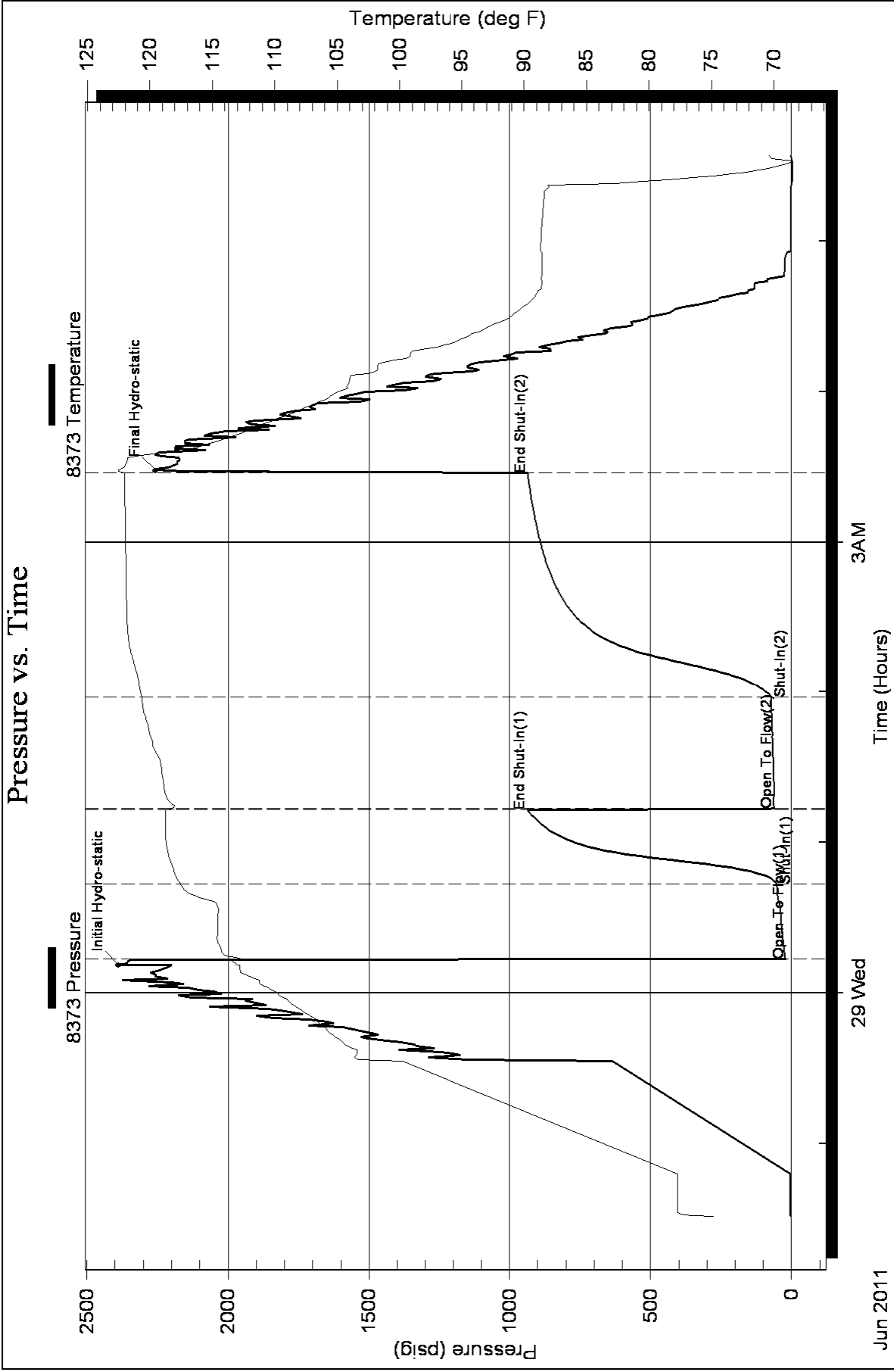
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



A.P.T. # 15-109-20997-00-00

**GEOLOGICAL REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY Shakespeare Oil Company, Inc  
 LEASE Peterson #1-8  
 FIELD Stratford West  
 LOCATION 1950' E 31 & 1655' F W 1  
 SEC 8 TWSP 13S RGE 32W  
 COUNTY Logan STATE Kansas

ELEVATION  
 KB 2970'  
 DF 2968'  
 GL 2965'  
 Depths Measured Fro  
 Log KB Drilling KA

CONTRACTOR W/W Drilling Rig #2  
 SPUD 6-20-11 COMP 6-30-11  
 SAMPLES SAVED FROM 3700' TO R.T.D.

CASING  
 Surface 8 7/8" @ 219'  
 Production 5 1/2" @ 546'  
 ELECTRIC LOGS  
 Weatherford

**FORMATION TOPS AND STRUCTURAL POSITION**

| FORMATION        | SAMPLE | E. LOG | DATUM  | A      | B      | C | D |
|------------------|--------|--------|--------|--------|--------|---|---|
|                  |        |        |        | ●      | Δ      |   |   |
| Base Anhydrite   | 2483   | 2482   | + 488  | + 487  | + 490  |   |   |
| Heebner          | 3910   | 3908   | - 938  | - 942  | - 937  |   |   |
| Lansing          | 3959   | 3957   | - 987  | - 989  | - 981  |   |   |
| Muncie Creek Sh. | 4109   | 4107   | - 1137 | - 1128 | - 1126 |   |   |
| Stack Shale      | 4192   | 4190   | - 1220 | - 1212 | - 1210 |   |   |
| Mushpuckney Sh.  | 4223   | 4221   | - 1251 | - 1248 | - 1245 |   |   |
| Base Kansas City | 4268   | 4266   | - 1296 | - 1292 | - 1285 |   |   |
| Pawnee           | 4387   | 4385   | - 1415 | - 1413 | - 1411 |   |   |
| Cherokee Shale   | 4470   | 4468   | - 1498 | - 1495 | - 1495 |   |   |
| Johnson Zone     | 4513   | 4511   | - 1541 | - 1538 | - 1538 |   |   |
| Marrow Sand      | 4551   | 4549   | - 1579 |        |        |   |   |
| Mississippian    | 4576   | 4575   | - 1605 | - 1575 | - 1585 |   |   |
| Total Depth      | 4660   | 4658   | - 1688 | - 1636 | - 2171 |   |   |

**REFERENCE WELLS**

- A. Shakespeare Oil Co. Inc. Campbell #1-8, 850' E 31 & 1400' F W 1 Sec. 8-13S-32
- B. Shakespeare Oil Co. Inc. Campbell #2-B, 2590' E 31 & 1800' F W 1 Sec. 8-13S-32
- C
- D



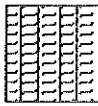
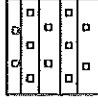


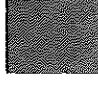
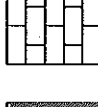
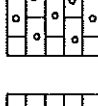
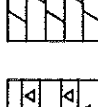
REMARKS

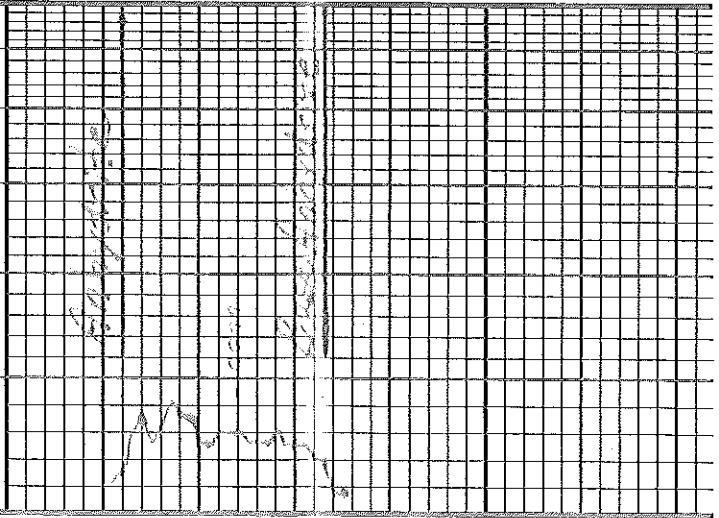

This well can spuriously comparable to the reference wells, Gainsboro No. 5, T. and Dean table log down. We created the cementing of production casing to a level just to the well. The following zones should be tested; 4557'-4569'; 4515'-4517'; 4511'-4513' and 4222'-4232'.

Richard H. Bell  
6-30-11

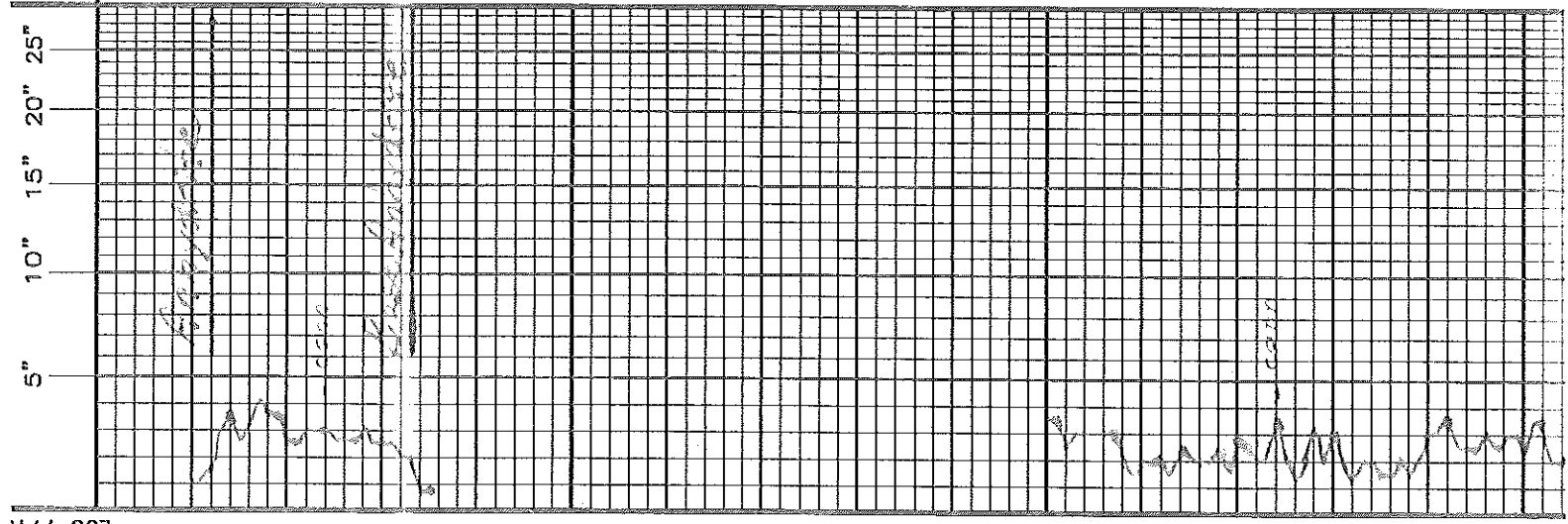
7502

LEGEND

-   
Anhydrite
-   
Salt
-   
Sandstone
-   
Shale
-   
Carb sh
-   
Limestone
-   
Ool. Lime
-   
Chert
-   
Dolomite

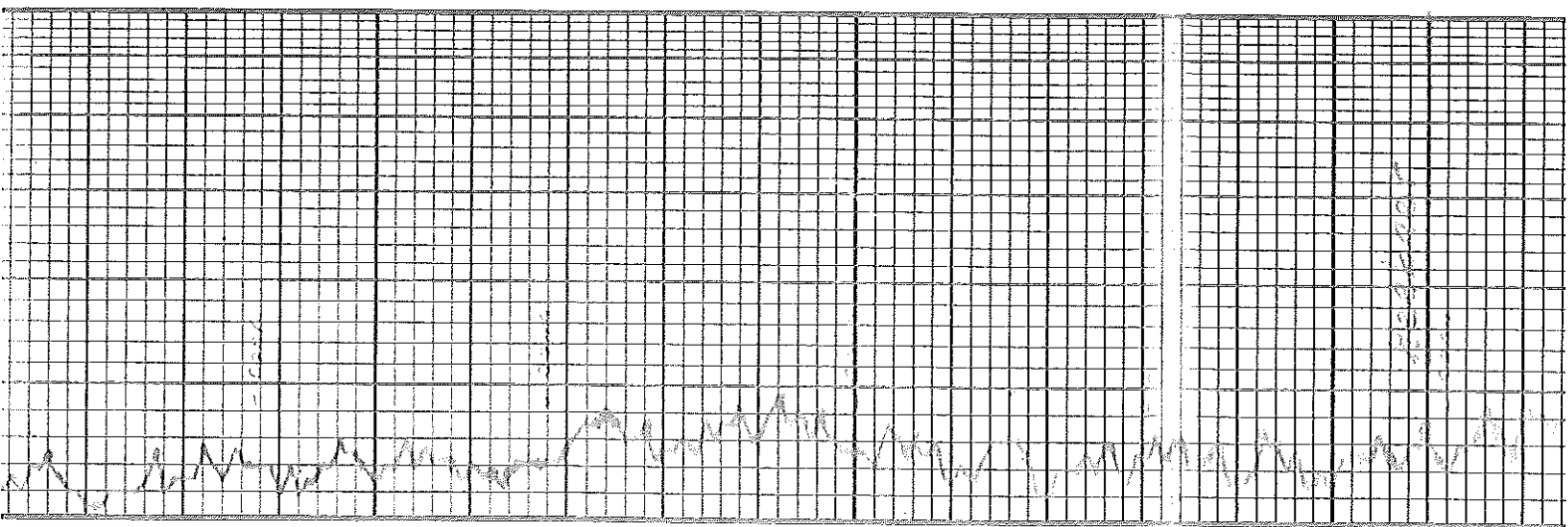
| DRILLING TIME IN MINUTES<br>PER FOOT<br>Rate of Penetration Decreases                | DEPTH                                       | LITHOLOGY  | SAMPLE DESCRIPTIONS   | OIL SHOWS   | REMARKS   |
|--|---|--|---|---|---|
|  | <p>2460</p> <p>70</p> <p>80</p> <p>2410</p> |  | <div style="border: 1px solid black; height: 100px;"></div> | <div style="border: 1px solid black; height: 100px;"></div> | <div style="border: 1px solid black; height: 100px;"></div> |

LOG 7710



| DEPTH | LOG 771 | SAMPLE DESCRIPTIONS                             | REMARKS |
|-------|---------|---|---------|
| 2460  |         |   |         |
| 70    |         |   |         |
| 80    |         |   |         |
| 2490  |         |   |         |
| 3700  |         |   |         |
| 20    |         | LS: white chry-fs in drs N.S.O.                 |         |
| 40    |         | LS: white chry-fs in dr. foss. incl. drs N.S.O. |         |
|       |         | chry  |         |
|       |         | LS: in grey fs in drs                           |         |
|       |         | chry  |         |

| DEPTH | LOG 771 | REMARKS                         |
|-------|---------|---------------------------------|
| 5     |         | Samples are logged good samples |



|  |      |
|--|------|
| LS: white congl. fahn falyool                          | 30   |
| ppp - 100000 N.S.C.                                    |      |
| LS: white Tr. clay. fahn sli. cal w/loss in cl. f. dns |      |
| Tr. white  |      |
| LS: m. incr. clay                                      |      |
| Tr. blk carb. sh.                                      | 3800 |
| LS: m. gry mild fs/f dns                               |      |
| Sh: stone: gry Sh: brn                                 |      |
| Sh: stone: gry, Sh: brn                                | 20   |
| LS: m. gry fahn dns                                    |      |
| LS: white sli. clay fahn falyool                       |      |
| pass. incus. dns                                       |      |
| Sh: stone: gry   | 40   |
| LS: m. gry blk dns                                     |      |
| Tr. blk carb sh.                                       | 60   |
| LS: white sli. clay fahn falyool                       |      |
| sub. cal dns N.S.C.                                    |      |
| LS: m. fahn dns No. v. p                               |      |
| Tr. brn blk aspx 0.5m                                  |      |
| good cut   |      |
| Tr. sli. gry. fahn falyool ppp                         | 30   |
| Tr. sli. gry. fahn falyool ppp                         |      |
| Sh: m. gry   |      |
| LS: white clay fahn ppp                                |      |
| Tr. blk carb   |      |
| Tr. blk thick 0.5m                                     |      |
| LS: white sli. clay - fahn                             |      |
| mostly dns   | 3900 |
| Sh: blk carb   |      |
| LS: m. fs/f dns.                                       |      |
| Sh: brn sli. gry sli.                                  | 20   |





|      |  |              |
|------|--|--------------|
| 60   | LS: wh-tn clay-feln ds   | 5172270123BY |
| 30   | Tr. blk carb sh.<br>LS: wh-tn silt-clay-feln<br>sub. soil ds NSQ   | ✓            |
| 30   | LS: wh-tn clay-feln ds No. ds<br>Tr. brn-bk aspx o. sh<br>Good cut<br>Tr. silt: grey-feln frangible p.p. d.<br>Tr. silt: grey-feln frangible p.p. d. | ✓            |
| 3900 | Sh: BIR carb<br>LS: wh-tn silt-clay - feln<br>mostly ds  | ✓            |
| 20   | Sh: BIR carb<br>LS: wh-tn clay-feln ds   | ✓            |
| 40   | Sh: brn silt, grey silt<br>Siltstone: grey, brn  | ✓            |
| 60   | LS: wh-tn clay-feln ds<br>ppd Tr. silt o. sh pp. f. d.<br>on crushing No odor  | ✓            |
| 'A'  | LS: wh-tn clay-feln ds<br>Tr. silt: grey-feln frangible p.p. d.<br>edges silt pp. f. d. on crushing<br>No odor                                       | ✓            |
| 80   | Sh: brn, grey  | ✓            |
| 'B'  | LS: wh-tn clay-feln-silt Tr.<br>pp. f. d. silt o. sh pp. f. d.<br>on crushing fr. odor   | ✓            |
| 4000 | Sh: brn, grey, brn   | ✓            |

Board 3975.02  
 Strap 3974.87  
 Diff. .15  
 Incline @ 3996 = 1/2°  
 Trilobite Testing Inc.  
 DST # 13974-3996'  
 30-30-30-30  
 IF: Surface blow  
 FF: No blow  
 Recovery: 10' Total  
 1. MO. 80% M, 20% M  
 9.00 M 10% M, 90% M  
 HMA: 1904-1947  
 FP: 13-23 / 25-26  
 13-23 / 25-26



DST # 2 4023' 4057'

30-50-30-30

IF: 11 min. Surface blow

FF: No blow

Recovery: 3 Mud

Hyd: 2031-1965 #

FP: 14-21 / 24-25 #

BHP: 824-641 #

BH Temp: 113°F

DST # 3 4096' 4180'

30-30-45-60

IF: 16 blow incr. to 6"

ISI: No blow

FF: wk blow incr. to 5"

ISI: No blow

Recovery: 190 Total

1' F.O.

60' Mud 100% M

129' MW 50% W 50% M

Hyd: 2103-2016 #

FP: 53-112 / 117-147 #

BHP: 1133-1153 #

BH Temp: 114°F

feln sub soil RT. pppp

N.S.O. No cont

15: tan incr. cky Tr. D. wk - Lt. gry

Shiorn, Tr. blk carb

15: wh. to sl. cky - feln sl. soil pr. pp. Tr. Lt. O Str pp. F. on crushing

No odor Shiorn

15: wh. to feln Tr. feln soil pr. F. on crushing

shly: brn, gry

15: wh. to cky - feln dns

N.S.O. Tr. D. wk

15: wh. to sl. cky - feln dns

Sh: brn, gry

15: wh. to sl. cky - feln dns

Sh: oik carb.

15: gry feln dns

A gry, brn, blk

15: wh. to brn feln - sl. soil

RT. pp. F. on crushing

15: th. gry feln dns

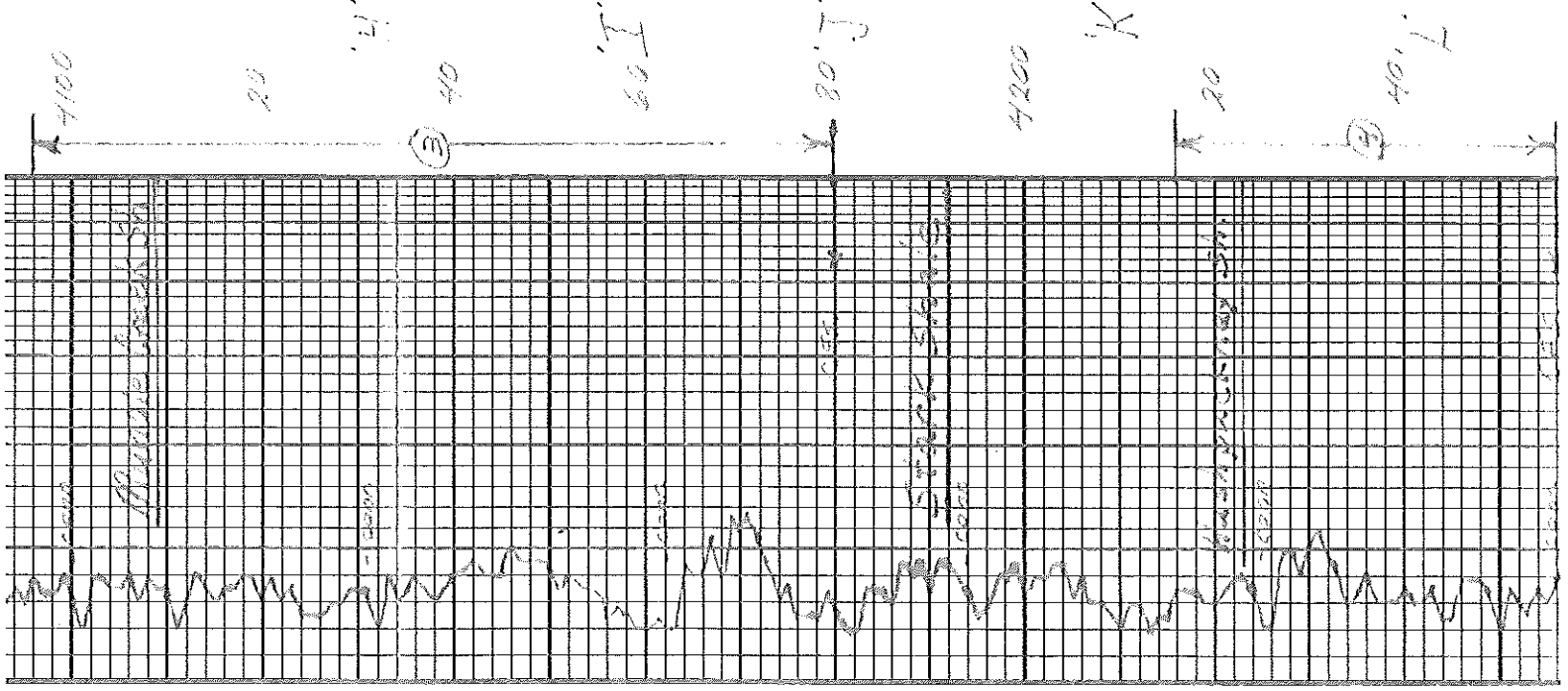
Sh: brn, gry

15: th. Lt. gry feln dns

N.S.O.

Sh: brn, gry

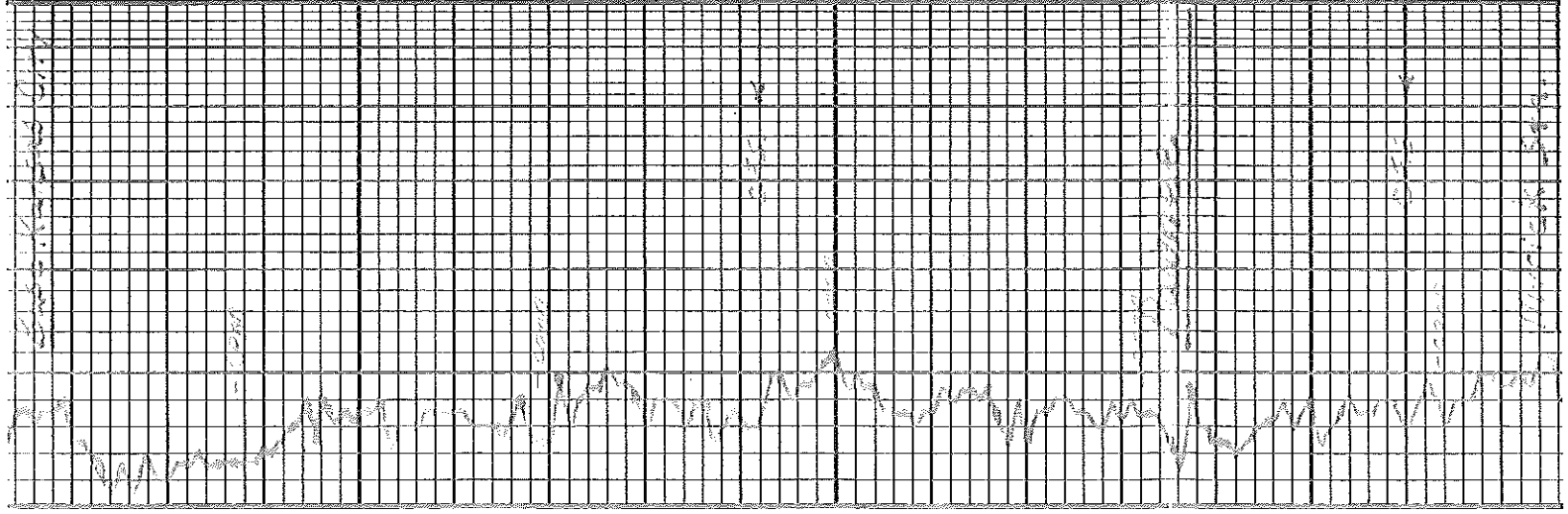
15: wh. to Lt. tan cky - feln



|   |               |                                   |               |  |                     |              |  |              |  |                                     |                |  |                                   |   |                 |
|---|---------------|-----------------------------------|---------------|--|---------------------|--------------|--|--------------|--|-------------------------------------|----------------|--|-----------------------------------|---|-----------------|
| Sh: brn, gry<br>LS: wk to silty clay - silty ds | Sh: blk carb. | LS: gry fxl ds<br>Δ grl, brn, blk | Sh: blk carb. | LS: wk to brn fxl ds - silty ds<br>Total pp @ 14.05%<br>R.T. pp @ 1.0 on 1.0 | LS: tn - gry fxl ds | Sh: brn, gry | LS: tn - blk gry fxl ds No 113 @<br>2 mil - 14.5% N.S.O. | Sh: brn, gry | LS: wk to blk gry clay - fxl ds<br>pp @ 14.05%<br>N.S.O. | Sh: blk carb<br>LS: tn - gry fxl ds | Sh: gry fxl ds | LS: wk to gry fxl ds<br>pp @ 14.05%<br>N.F.O. fr. odor | Sh: blk carb<br>LS: tn mtd fxl ds | LS: tn oil pp @ + 1/2 x pp<br>Xt Rainbow S.O. pp @ 14.05%<br>crushing | LS: a mostly ds |
|---|---------------|-----------------------------------|---------------|--|---------------------|--------------|--|--------------|--|-------------------------------------|----------------|--|-----------------------------------|---|-----------------|

30-30-42-40  
IF: wk blow incr. to 6"  
ISI: No blow  
FF: wk blow incr. to 5"  
FSI: No blow  
Recovery: 190 Total  
1" F.O.  
60' MW 100% M  
129' MW 50% w/ 50% M  
HY: 2103 - 2016 #  
FP: 53-112 / 117-147 #  
BHP: 1133 - 1153 #  
BH Temp: 114 °F

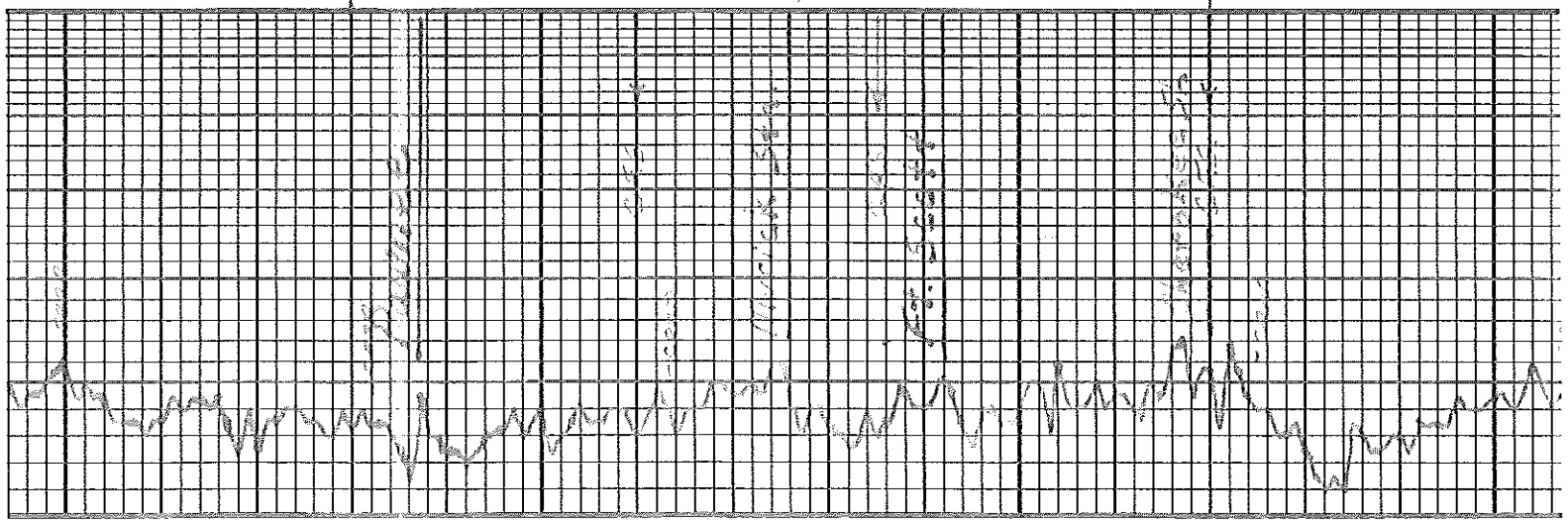
DST # 4 4216 - 4256  
30-30-45-60  
IF: wk blow incr. to 6"  
ISI: No blow  
FF: O.B. in 15 min.  
FSI: 8 min Surface blow  
Recovery: 300 G.I.P.  
155' Total Fluid  
95' MCO 50% w/ 50% M  
60' GOCM 207.2, 2080  
HY: 2149 - 2050 #  
FP: 17-50 / 51-71 #  
BHP: 1216 - 1239 #  
BH Temp: 117 °F



|                        |      |
|------------------------|------|
| LS: wh-gry with fs/dns | 85   |
| Shibon, gry            |      |
| 5 ft stone: gry        |      |
| a.a.                   |      |
| LS: wh-gry with fs/dns | 4300 |
| Shibik Carb            |      |
| Shibon, gry            | 20   |
| LS: wh-gry with fs/dns |      |
| 11.5.0 - No cut        | 40   |
| Shibon, gry            |      |
| LS: wh-gry with fs/dns | 80   |
| Sptd 0.5 ft N.F.G.     |      |
| LS: wh-gry with fs/dns | 80   |
| das 1.5 sptd 0.5 ft    |      |
| N.F.G. 1.5 cut         |      |
| Shibik Carb            |      |
| LS: wh-gry with fs/dns | 4400 |
| ool ppd fine 1.0 5 ft  |      |
| Tree EQ. an crushing   |      |
| dry wh-gry             |      |
| LS: a.a.               |      |
| Shibik Carb.           |      |
| LS: br-gry fs/dns      | 20   |

D.S.T. #5 4380-4400  
 30-30-30-30  
 IF: 13 min. wk. blow  
 FF: No blow  
 Recovery: 10' / 11 min  
 H/d: 2342-2236 #  
 FP: 19-24 / 27-29 #  
 BHP: 485-218 #  
 B/Temp: 114°F.





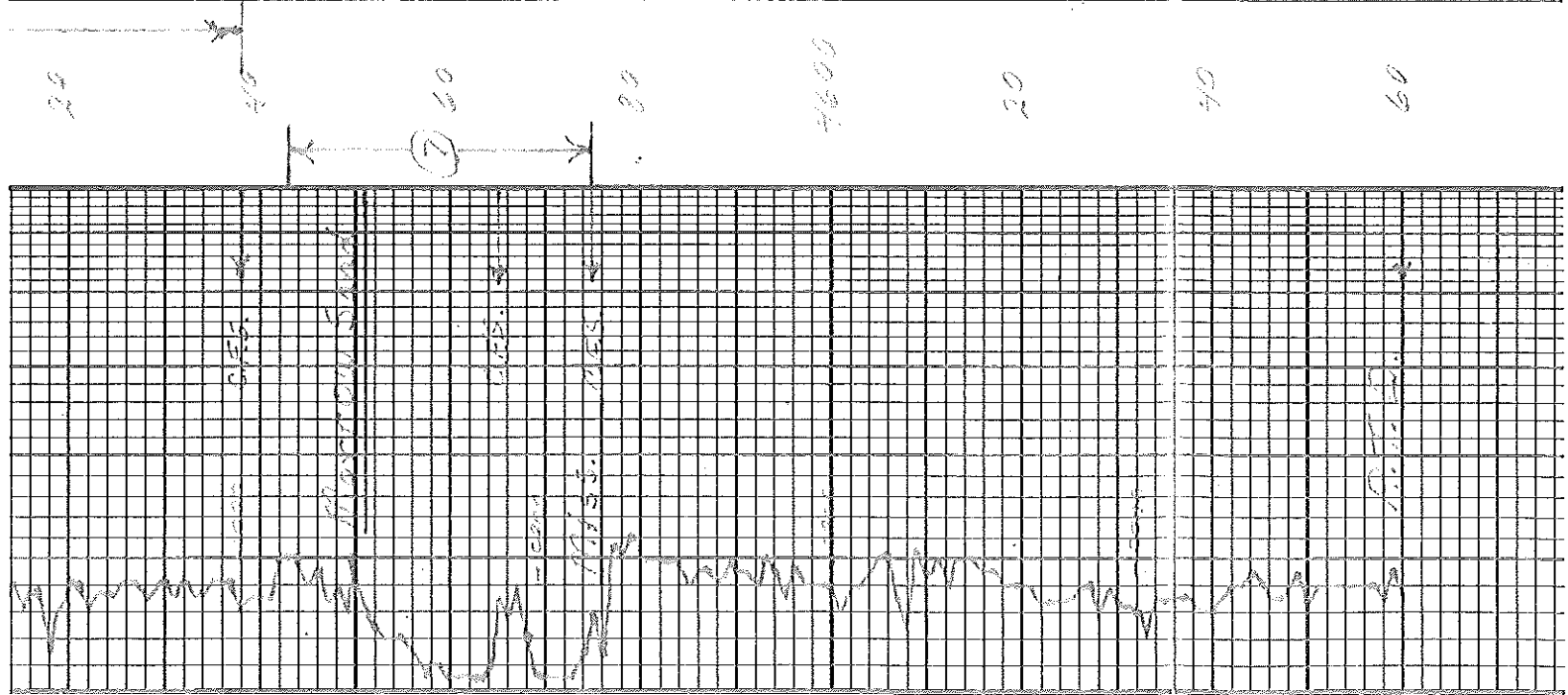
|             |   |             |   |             |   |             |   |             |   |             |   |             |   |
|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|
| Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 | Sh: brn gry | LS: wh-trn cky-faln Tr. 0.501<br>Sptd 0.501 |
|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|

✓ D.S.T. # 5 4490: 4470  
 30-30-30-30  
 IF: 13 min. wk. blow  
 FF: No blow  
 Recovery: 10' 11" mud  
 HYD: 2342-2234 #  
 FP: 19-24/27-29 #  
 BHP: 485-218 #  
 BH Temp: 114°F.

✓ D.S.T. # 6 4424: 4537  
 30-30-45-90  
 IF: 1" blow  
 ISI: No blow  
 FF: 1/2" blow  
 FSI: No blow  
 Recovery: 75' mud  
 SI: S.O.  
 HYD: 2292-2240 #  
 FP: 25-35/42-52 #  
 BHP: 1033-1107 #  
 BH Temp: 117°F.



|   |  |
|---|--|
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| SS: fr. gr. m. p. fr. in dms NSO.       |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |
| LS: 5' to 6' m - gr. p. fr. in dms NSO. |  |
| LS: white fr. in dms NSO.               |  |



DST. #7 4543'-4575'  
 30.30-45-90  
 IF: wk blow incr. to 3 1/2"  
 ISI: No blow.  
 FF: wk blow incr. to 9"  
 FSI: 10 min. surface blow  
 Recovery: 155' G.I.P.  
 155' Total Fluid  
 83' GOCM 57.6, 2520  
 70% Mud  
 62' MGO 302.9, 4020,  
 30% Mud  
 Hyd: 2387-2256 #  
 SP: 20.21 / 61-70 #  
 BHP: 936 - 954 #  
 BHTemp: 122 °F.

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  | <p style="text-align: center;">DEPTH</p> | <p style="text-align: center;">LITHOLOGY</p> | <p style="text-align: center;">SAMPLE DESCRIPTIONS</p> | <p style="text-align: center;">OIL SHOWS</p> | <p style="text-align: center;">REMARKS</p> |
|  |  |  |  |  |  |
| <p> CONTRACTOR <u>Will Drilling Rig #2</u><br/> LEASE <u>Peterson #1-2</u> IP <u>        </u><br/> ELEVATION <u>2970' SB</u> RTD <u>4660'</u> </p> <p style="text-align: right;"> LOCATION <u>1950' E 1/4 16.55 FWL SW/4</u><br/> SEC <u>8</u> TWP <u>13S</u> RNG <u>37W</u><br/> COUNTY <u>Logan</u> STATE <u>Kansas</u> </p> |  |  |  |  |  |

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 17, 2011

Donald R. Williams  
Shakespeare Oil Co., Inc.  
202 W MAIN ST  
SALEM, IL 62881-1519

Re: ACO1  
API 15-109-20997-00-00  
Peterson 1-8  
SW/4 Sec.08-13S-32W  
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Donald R. Williams