



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1195665  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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

1195665

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

| 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 |
| <input type="checkbox"/> Perforate      |                  |                |              |                            |
| <input type="checkbox"/> Protect Casing |                  |                |              |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |              |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |              |                            |

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

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

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

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

|  |   |   |
|--|---|---|
| <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 | York 1-12                 |
| Doc ID    | 1195665                   |

All Electric Logs Run

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

|           |                           |
|-----------|---------------------------|
| Form      | ACO1 - Well Completion    |
| Operator  | Shakespeare Oil Co., Inc. |
| Well Name | York 1-12                 |
| Doc ID    | 1195665                   |

Tops

| Name              | Top  | Datum |
|-------------------|------|-------|
| Base Anhydrite    | 2294 | +554  |
| Heebner           | 3880 | -1032 |
| Lansing           | 3917 | -1069 |
| Muncie Creek      | 4087 | -1239 |
| Stark Shale       | 4183 | -1334 |
| Hushpuckney       | 4221 | -1373 |
| Pawnee            | 4386 | -1538 |
| L. Cherokee Shale | 4465 | -1617 |
| Johnson           | 4508 | -1660 |
| Morrow Shale      | 4532 | -1684 |
| Mississippian     | 4548 | -1700 |



**TIM PRIEST**  
**Petroleum Geologist**  
(316)-213-6115

**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY **SHAKESPEARE OIL CO.**

LEASE **York L-12**

FIELD **Widest**

LOCATION **800' FNL, 2247' F.W.L.**

SIC **12** TWP **16S** R **05E** S **31W**

COUNTY **Scott** STATE **Kansas**

CONTRACTOR **HJD Rig #2**

SPUD **2-28-14** COMP **3-10-14**

RTD **4630'** LTD **4632'**

MUD UP **3600'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3750'** to RTD

DRILLING TIME KEPT FROM **3750'** to RTD

SAMPLES EXAMINED FROM **3750'** to RTD

GEOLOGICAL SUPERVISION FROM **3850'** to RTD

GEOLOGIST ON WELL **Tim Priest**

FORMATION TOPS

| FORMATION TOPS | ELECTRIC LOG | SAMPLE       |
|----------------|--------------|--------------|
| Anhydrite      | 2272 (-576)  | 2275 (+573)  |
| Sandstone      | 3880 (-1032) | 3884 (-1036) |
| Heebner        | 3917 (-1069) | 3922 (-1074) |
| Lansing        | 4183 (-1335) | 4186 (-1338) |
| B/KC           | 4269 (-1421) | 4272 (-1424) |
| Fort Scott     | 4441 (-1593) | 4441 (-1593) |
| Mississippi    | 4548 (-1700) | 4548 (-1700) |

Geological Supervision By: **Wetherford**

**ELEVATIONS**

KG **2848'**

DF **\_\_\_\_\_**

GL **2838'**

Measurements Are All From **KB**

CASING CONDUCTION **N/A**

SURFACE **8-5/8" @ 223'**

PRODUCTION **None**

DRILLING TIME KEPT FROM **3750'** to RTD

SAMPLES EXAMINED FROM **3750'** to RTD

GEOLOGICAL SUPERVISION FROM **3850'** to RTD

GEOLOGIST ON WELL **Tim Priest**

FORMATION TOPS

ELECTRIC LOG

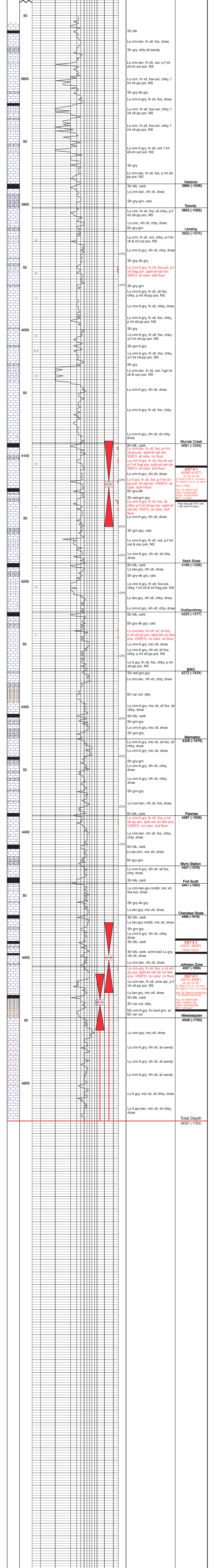
SAMPLE

Anhydrite 2272 (-576) 2275 (+573)

Sandstone 3880 (-1032) 3884 (-1036)

Heebner 3917 (-1069) 3922 (-1074)

Lansing 4183 (-1335) 4186 (-1338)



DEPTH

DRILLING TIME IN MINUTES PER FOOT  
Rate of Penetration Increases

LEGEND

SAMPLE DESCRIPTION

REMARKS

Sh blk  
Ls crm-tan, fn xtl, fos, dnse  
Sh gry, silty-sli sandy  
Ls crm-tan, fn xtl, ool, p-f int xtl-int ool por, NS  
Ls crm, fn xtl, fos-ool, chky, f int xtl-pp por, NS  
Sh gry-dk gry  
Ls crm-t gry, fn xtl, fos, dnse  
Ls crm, fn xtl, fos-ool, chky, f int xtl-pp por, NS  
Ls crm, fn xtl, fos-ool, chky, f int xtl-pp por, NS  
Ls crm-t gry, fn xtl, ool, f int xtl-int ool por, NS  
Sh gry  
Ls crm-tan, fn xtl, fos, p int xtl-pp por, NS  
Sh blk, carb  
Ls crm-tan, vfn xtl, dnse  
Sh gry-gr, calc  
Ls crm, fn xtl, fos, sli chky, p-f int xtl-pp por, NS  
Ls crm, vfn xtl, chty, dnse  
Sh gry-gr  
Ls crm, fn xtl, ool, chky, p-f int xtl & int ool por, NS  
Ls crm-t gry, vfn xtl, chty, dnse  
Sh gry-dk gry  
Ls crm-t gry, fn xtl, fos, dnse  
Ls crm-t gry, fn xtl, fos, p-f int xtl-pp por, NS  
Ls crm-t gry, fn xtl, fos, chky, p int xtl-pp por, NS  
Sh gry  
Ls crm-t gry, fn xtl, fos, chky, p-f int xtl-pp por, NS  
Ls crm-t gry, fn xtl, fos, chky, p int xtl-pp por, NS  
Sh gry  
Ls crm-tan, fn xtl, ool, fgd int xtl & occ por, NS  
Ls crm-t gry, vfn xtl, dnse  
Ls crm-t gry, vfn xtl, sli chty, dnse  
Sh blk, carb  
Ls crm-tan, fn xtl, fos, p-f int xtl-pp por, sptd-sli sat stn, SSFO, sli odor, no fluor  
Ls crm-t gry, fn xtl, fos-sli ool, p-f int frag por, sptd-sli sat stn, SSFO, sli odor, dull fluor  
Ls crm-t gry, vfn xtl, dnse  
Ls crm-t gry, vfn xtl, sli chty, dnse  
Sh blk, carb  
Ls crm-t gry, vfn xtl, ool, p-f int ool & ooc por, NS  
Ls crm-t gry, vfn xtl, sli chty dnse  
Sh blk, carb  
Ls tan-gry, vfn xtl, dnse  
Sh gry-dk gry, calc  
Ls crm-t gry, fn xtl, fos-ool, chky, f int xtl & int frag por, NS  
Ls tan-gry, vfn xtl, chky, dnse  
Ls crm-t gry, vfn xtl, chty, dnse  
Sh blk, carb  
Ls gry-dk gry, calc  
Ls crm-tan, fn-vfn xtl, sli fos, p int xtl-pp por, sptd-sli sat stn, VSSFO, no odor, no fluor pcs  
Ls crm-t gry, mic xtl, dnse  
Ls crm-t gry, vfn xtl, sli fos, chky, p int xtl-pp por, NS  
Ls lt gry, fn xtl, fos, chky, p int xtl-pp por, NS  
Sh red-grm-gry  
Ls crm-tan, vfn xtl, chty, dnse  
Sh var col, silty  
Ls crm-t gry, mic xtl, sli fos, sli chky, dnse  
Sh blk, carb  
Sh gry-gr  
Ls crm-t gry, mic xtl, dnse  
Sh gry-gr  
Ls crm-t gry, mic xtl, sli fos, sli chky, dnse  
Ls crm-t gry, mic xtl, dnse  
Sh gry-gr  
Ls crm-t gry, vfn xtl, chky, dnse  
Ls crm-t gry, vfn xtl, chky, dnse  
Sh gry-gr  
Ls crm-tan, vfn xtl, fos, dnse  
Sh blk, carb  
Ls crm-t gry, fn xtl, fos, p int xtl-pp por, sptd-sli sat stn on few pcs, VSSFO, no odor, dull fluor  
Ls crm-tan, vfn xtl, fos, chky, chty, dnse  
Sh blk, carb  
Ls tan-brn, mic xtl, dnse  
Sh gry-gr  
Ls crm-t gry, vfn xtl, sli fos, chty, dnse  
Sh blk, carb  
Ls crm-tan-gry motld, mic xtl, fos-ool, dnse  
Sh gry-dk gry  
Sh tan-gry, mic xtl, dnse  
Sh blk, carb  
Ls tan-gry motld, mic xtl, dnse  
Sh gry-gr  
Ls crm-t gry, vfn xtl, chky, dnse  
Sh blk, carb  
Sh blk, carb, w/nt bed Ls gry, vfn xtl, dnse  
Ls crm-tan, vfn xtl, dnse  
Ls crm-gry, fn xtl, fos, p int xtl-pp por, sptd-sli sat stn on few pcs, VSSFO, no odor, no fluor  
Ls crm-tan, fn xtl, sme qtz, p-f int xtl-pp por, NS  
Ls tan-gry, mic xtl, dnse  
Sh blk, carb  
Sh var col, silty,  
SS crm-t gry, fn-med grn, w/ Sh var col  
Ls crm-gry, mic xtl, dnse  
Ls crm-t gry, vfn xtl, sli sandy  
Ls crm-t gry, vfn xtl, sli sandy  
Ls crm-t gry, vfn xtl, sli sandy  
Ls lt gry, mic xtl, sli chky, dnse  
Ls lt gry-tan, mic xtl, sli chky, dnse

Muncie Creek 4091 (-1243)  
DST # 1 (4089'-4157')  
30'-30" 45'-90"  
FF: Built to 3/4 in., no return  
Rec: 5' OSM  
Fps: 10-14W/16-21W  
SIPs: 1033W/1042W  
HSPs: 1973W/1907W  
BHT: 111 deg F  
Pipe strap @ 4157' was 1.98' short to board

Stark Shale 4186 (-1338)  
Hushpuckney 4225 (-1377)  
B/KC 4272 (-1424)  
Marmaton 4326 (-1478)  
Pawnee 4387 (-1539)  
Myric Station 4427 (-1579)  
Fort Scott 4441 (-1593)  
Cherokee Shale 4466 (-1618)  
DST # 2 (4472'-4528')  
Packer Failure  
Johnson Zone 4507 (-1659)  
DST # 3 (4513'-4558')  
30'-30" 45'-90"  
FF: Built to 3/2 in., no return  
FF: Built to 1 1/2 in., no return  
Rec: 5' OSM  
Fps: 45-74W/76-98W  
SIPs: 1069W/1122W  
HSPs: 2261W/2228W  
BHT: 126 deg F

Mississippi 4548 (-1700)  
Total Depth 4630' (-1782')

REMARKS Due to lack of shows and negative DST's, it was decided to plug and abandon the well.

Respectfully Submitted,

Tim Priest  
Petroleum Geologist

API #15-171-21032-00-00



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 56361

**DST#: 1**

ATTN: Tim Priest

Test Start: 2014.03.06 @ 12:02:00

## GENERAL INFORMATION:

Formation: " H & I "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:15

Time Test Ended: 19:29:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 71

**Interval: 4089.00 ft (KB) To 4157.00 ft (KB) (TVD)**

Total Depth: 4157.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2848.00 ft (KB)

2838.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8845**

**Inside**

Press @ Run Depth: 21.01 psig @ 4090.00 ft (KB)

Start Date: 2014.03.06

End Date: 2014.03.06

Start Time: 12:02:05

End Time: 19:29:14

Capacity: 8000.00 psig

Last Calib.: 2014.03.06

Time On Btm: 2014.03.06 @ 14:04:00

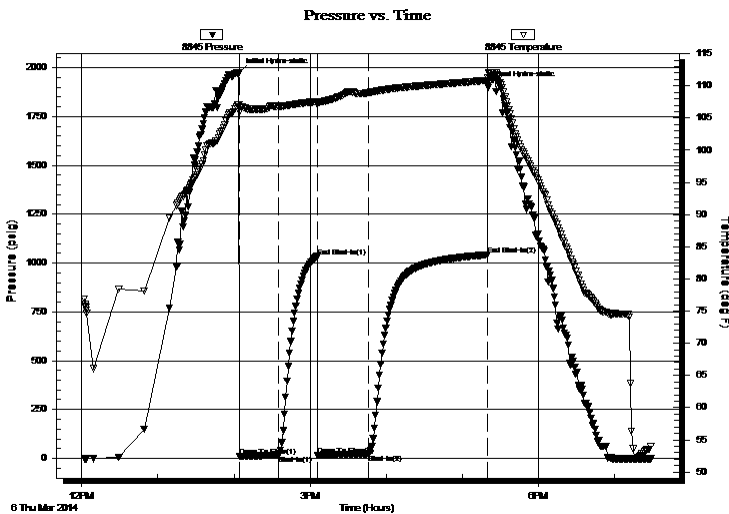
Time Off Btm: 2014.03.06 @ 17:20:15

TEST COMMENT: IF: 3/4"

IS: No Return.

FF: 1/4" Blow.

FS: No Return.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1972.82         | 107.09       | Initial Hydro-static |
| 1           | 10.39           | 105.94       | Open To Flow (1)     |
| 31          | 14.47           | 106.87       | Shut-In(1)           |
| 62          | 1033.33         | 107.58       | End Shut-In(1)       |
| 62          | 16.44           | 107.05       | Open To Flow (2)     |
| 102         | 21.01           | 108.94       | Shut-In(2)           |
| 196         | 1042.49         | 110.86       | End Shut-In(2)       |
| 197         | 1907.10         | 111.35       | Final Hydro-static   |

## Recovery

| Length (ft) | Description            | Volume (bbl) |
|-------------|------------------------|--------------|
| 5.00        | Mud 100m ( Oil Spots ) | 0.02         |
|             |                        |              |
|             |                        |              |
|             |                        |              |
|             |                        |              |

## Gas Rates

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



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

12-16s-31w Scott Co.

202 W Main St  
Salem, IL 62881

York #1-12

ATTN: Tim Priest

Job Ticket: 56361

DST#: 1

Test Start: 2014.03.06 @ 12:02:00

#### GENERAL INFORMATION:

Formation: **" H & I "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:15

Time Test Ended: 19:29:15

Interval: **4089.00 ft (KB) To 4157.00 ft (KB) (TVD)**

Total Depth: 4157.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 71

Reference Elevations: 2848.00 ft (KB)

2838.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772

Outside

Press @ Run Depth: psig @ 4090.00 ft (KB)

Start Date: 2014.03.06

End Date: 2014.03.06

Capacity: 8000.00 psig

Last Calib.: 2014.03.06

Start Time: 12:02:05

End Time: 19:29:29

Time On Btm:

Time Off Btm:

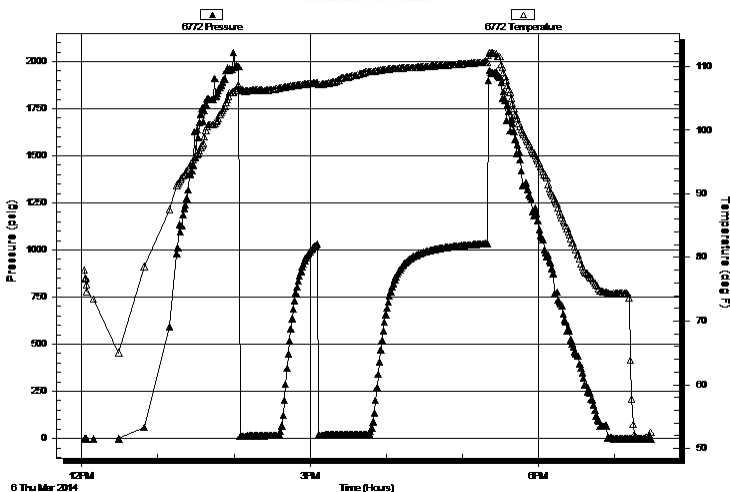
TEST COMMENT: IF: 3/4"

IS: No Return.

FF: 1/4" Blow.

FS: No Return.

Pressure vs. Time



#### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |

#### Recovery

| Length (ft) | Description            | Volume (bbl) |
|-------------|------------------------|--------------|
| 5.00        | Mud 100m ( Oil Spots ) | 0.02         |
|             |                        |              |
|             |                        |              |
|             |                        |              |
|             |                        |              |
|             |                        |              |

#### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 56361

**DST#: 1**

ATTN: Tim Priest

Test Start: 2014.03.06 @ 12:02:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description            | Volume<br>bbl |
|--------------|------------------------|---------------|
| 5.00         | Mud 100m ( Oil Spots ) | 0.025         |

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

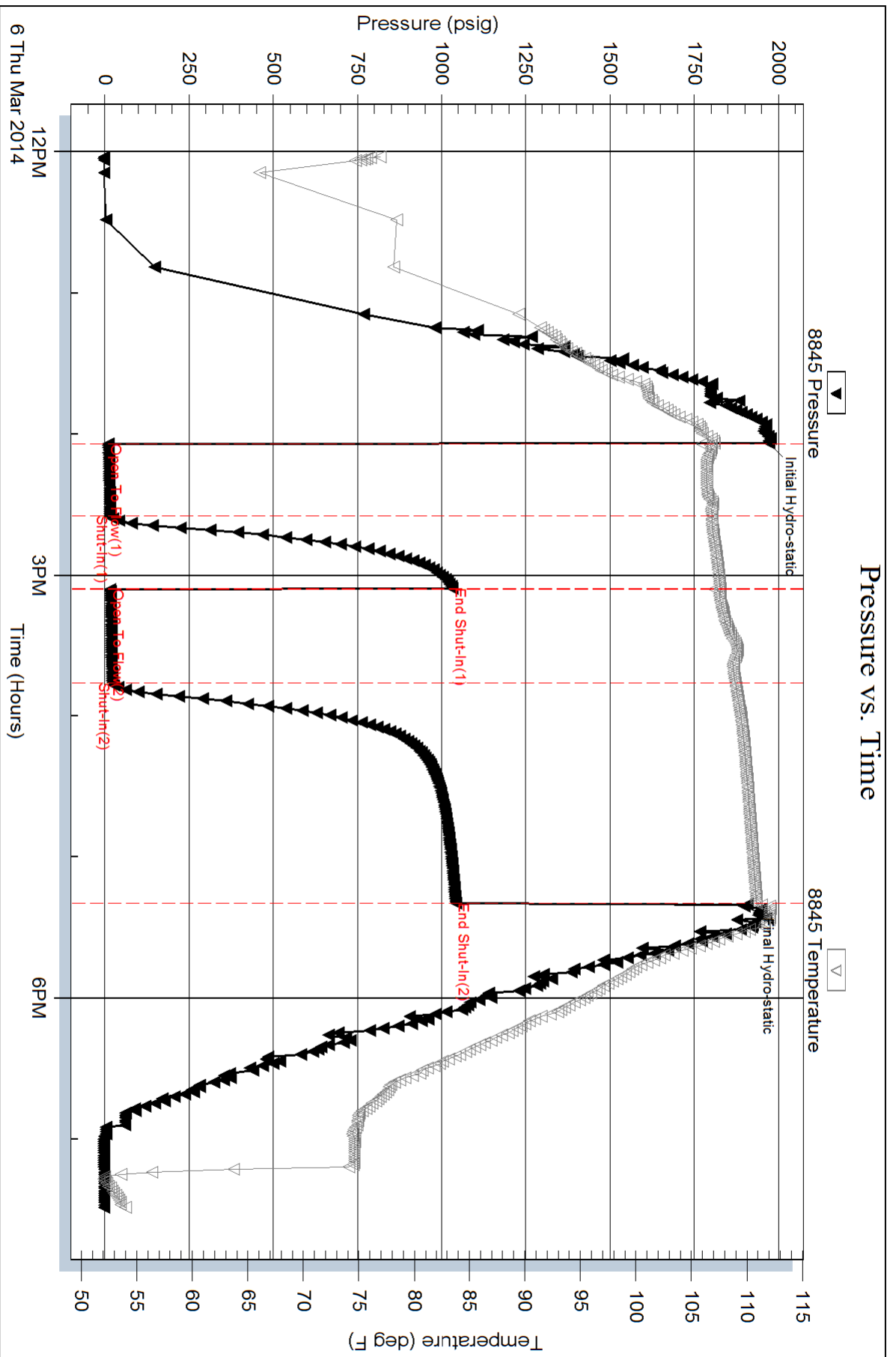
Serial #: 8845

Inside

Shakespeare Oil Co., Inc.

York #1-12

DST Test Number: 1

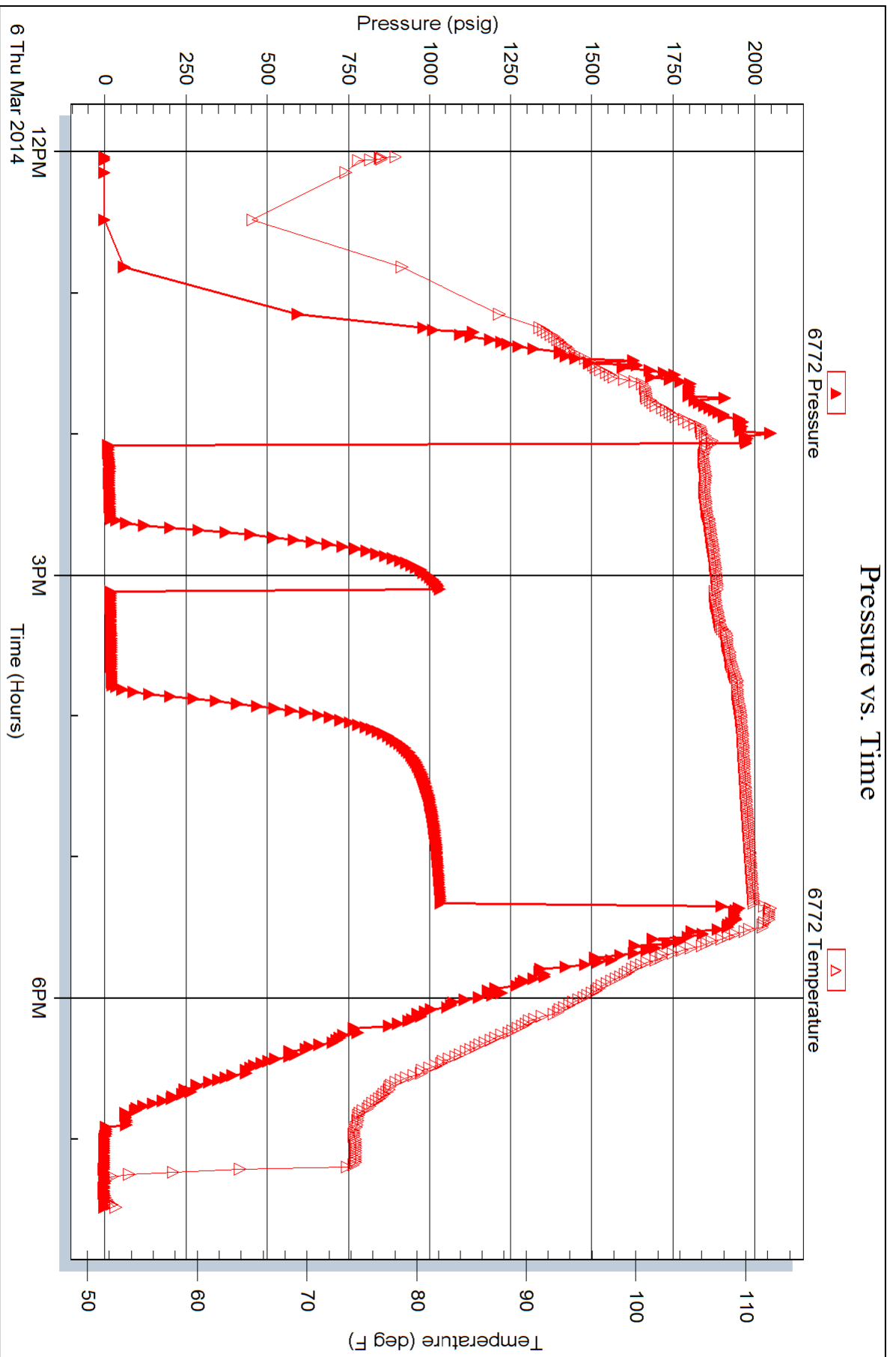


Serial #: 6772

Outside Shakespeare Oil Co., Inc.

York #1-12

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 54622

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.03.09 @ 19:55:00

## GENERAL INFORMATION:

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:30

Time Test Ended: 04:01:45

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4513.00 ft (KB) To 4558.00 ft (KB) (TVD)**

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4630.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 93.54 psig @ 4514.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.09

End Date:

2014.03.10

Last Calib.:

2014.03.10

Start Time: 19:55:15

End Time:

04:01:45

Time On Btm:

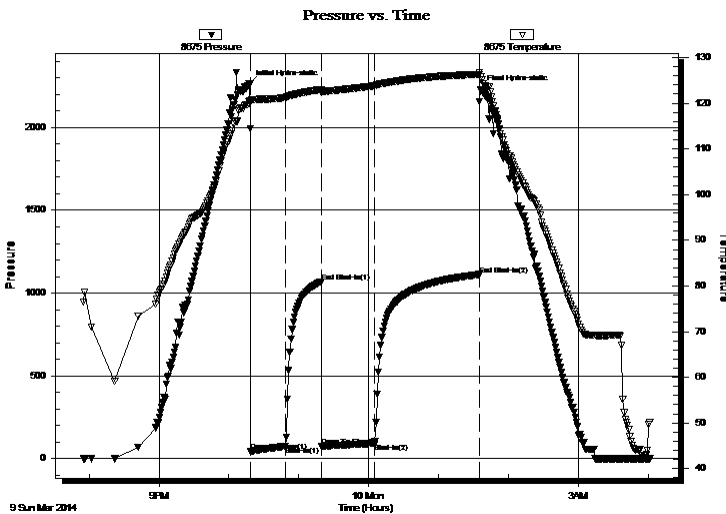
2014.03.09 @ 22:18:00

Time Off Btm:

2014.03.10 @ 01:36:15

**TEST COMMENT:** Built to 3 1/4" blow  
Bled off for 3 min. No return blow  
Built to 1 1/4" blow  
Bled off for 3 min. No return blow

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2261.41         | 120.63       | Initial Hydro-static |
| 1           | 44.72           | 120.17       | Open To Flow (1)     |
| 31          | 74.44           | 121.28       | Shut-In(1)           |
| 62          | 1069.48         | 123.02       | End Shut-In(1)       |
| 62          | 76.29           | 122.38       | Open To Flow (2)     |
| 107         | 93.54           | 123.84       | Shut-In(2)           |
| 197         | 1112.10         | 126.32       | End Shut-In(2)       |
| 199         | 2228.81         | 125.72       | Final Hydro-static   |

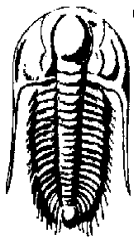
## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 119.00      | mcw 40%M 60%W              | 0.59         |
| 50.00       | w cm 10%W 90%M             | 0.70         |
| 0.00        | Bottom packer did NOT hold | 0.00         |
|             |                            |              |
|             |                            |              |

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 54622

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.03.09 @ 19:55:00

**GENERAL INFORMATION:**

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:30

Time Test Ended: 04:01:45

**Interval: 4513.00 ft (KB) To 4558.00 ft (KB) (TVD)**

Total Depth: 4630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 75

Reference Elevations: 2848.00 ft (KB)

2838.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8650 Outside**

Press @ Run Depth: psig @ 4514.00 ft (KB)

Start Date: 2014.03.09

End Date: 2014.03.10

Capacity: 8000.00 psig

Last Calib.: 2014.03.10

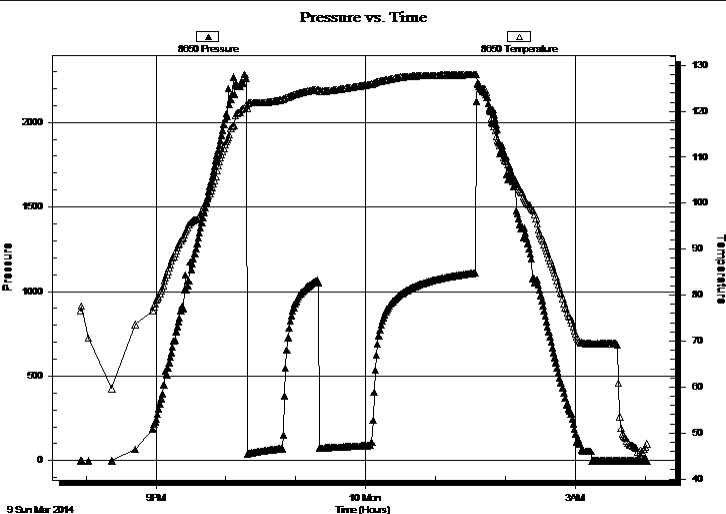
Start Time: 19:55:15

End Time: 04:01:30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** Built to 3 1/4" blow  
Bled off for 3 min. No return blow  
Built to 1 1/4" blow  
Bled off for 3 min. No return blow



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|             |                 |              |            |
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|             |                 |              |            |

**Recovery**

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 119.00      | mcw 40%M 60%W              | 0.59         |
| 50.00       | w cm 10%W 90%M             | 0.70         |
| 0.00        | Bottom packer did NOT hold | 0.00         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 54622

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.03.09 @ 19:55:00

**GENERAL INFORMATION:**

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:30

Time Test Ended: 04:01:45

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: **4513.00 ft (KB) To 4558.00 ft (KB) (TVD)**

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4630.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6672**

Press @ Run Depth: psig @ 4569.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.09

End Date: 2014.03.10

Last Calib.: 2014.03.10

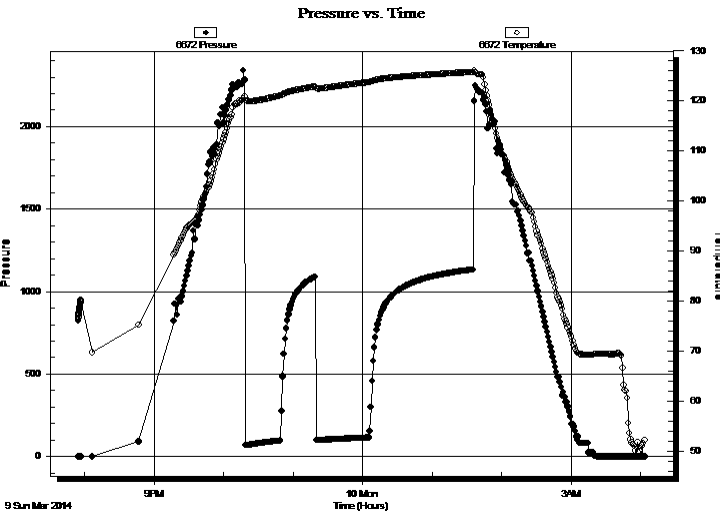
Start Time: 19:55:01

End Time: 04:03:15

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 3 1/4" blow  
Bled off for 3 min. No return blow  
Built to 1 1/4" blow  
Bled off for 3 min. No return blow



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |

**Recovery**

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 119.00      | mcw 40%M 60%W              | 0.59         |
| 50.00       | w cm 10%W 90%M             | 0.70         |
| 0.00        | Bottom packer did NOT hold | 0.00         |
|             |                            |              |
|             |                            |              |

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co., Inc.

**12-16s-31w Scott Co.**

202 W Main St  
Salem, IL 62881

**York #1-12**

Job Ticket: 54622

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.03.09 @ 19:55:00

## Mud and Cushion Information

|                                  |                            |                 |         |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem               | Cushion Type:              | Oil API:        | deg API |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Salinity: | ppm     |
| Viscosity: 62.00 sec/qt          | Cushion Volume: bbl        |                 |         |
| Water Loss: 6.80 in <sup>3</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: 0.00 ohm.m          | Gas Cushion Pressure: psig |                 |         |
| Salinity: 3100.00 ppm            |                            |                 |         |
| Filter Cake: 1.00 inches         |                            |                 |         |

## Recovery Information

Recovery Table

| Length<br>ft | Description                | Volume<br>bbl |
|--------------|----------------------------|---------------|
| 119.00       | mcw 40%M 60%W              | 0.585         |
| 50.00        | w cm 10%W 90%M             | 0.701         |
| 0.00         | Bottom packer did NOT hold | 0.000         |

Total Length: 169.00 ft      Total Volume: 1.286 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .50 @ 45 F = 20,000

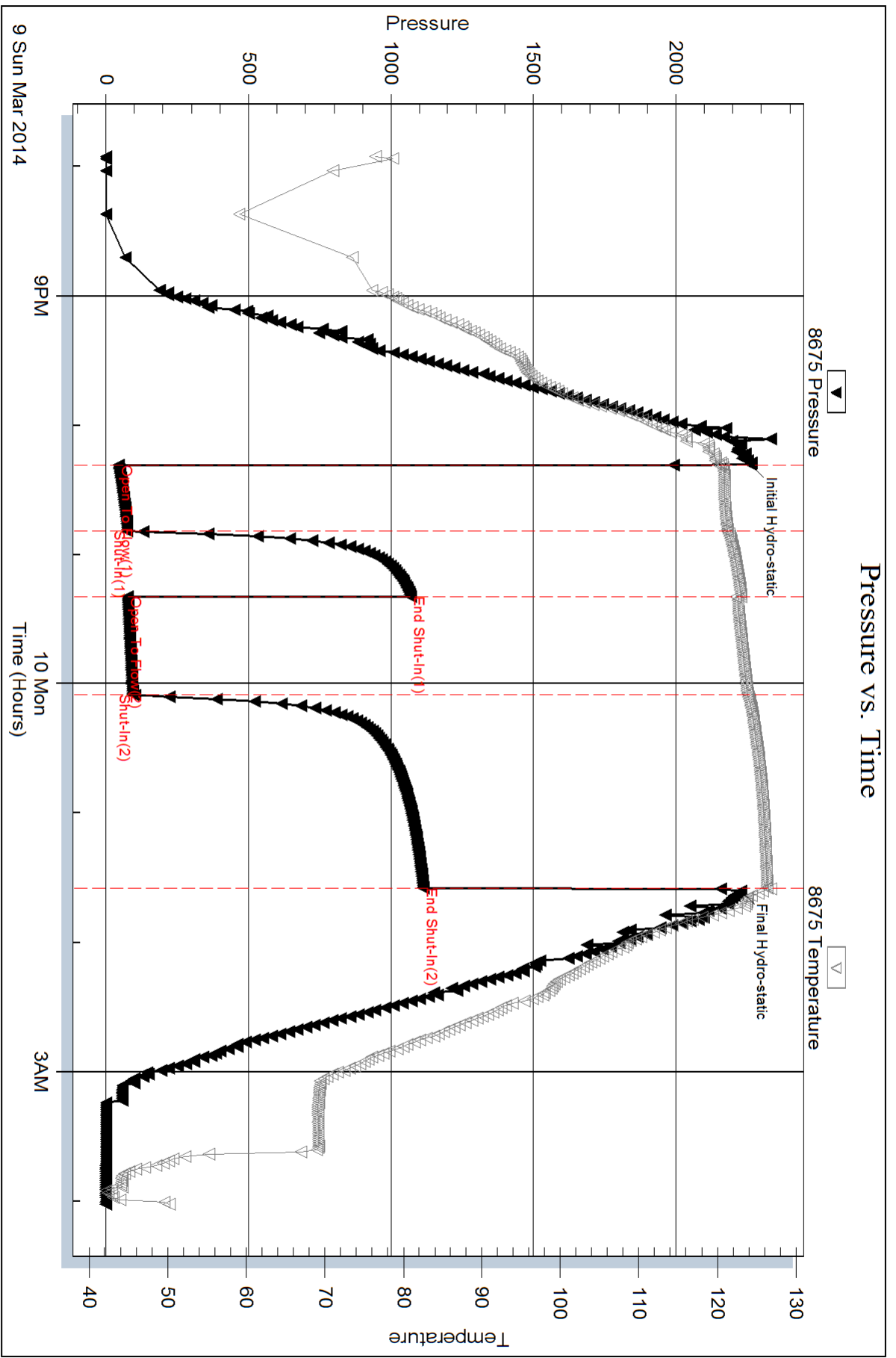
Serial #: 8675

Inside

Shakespeare Oil Co., Inc.

York #1-12

DST Test Number: 3

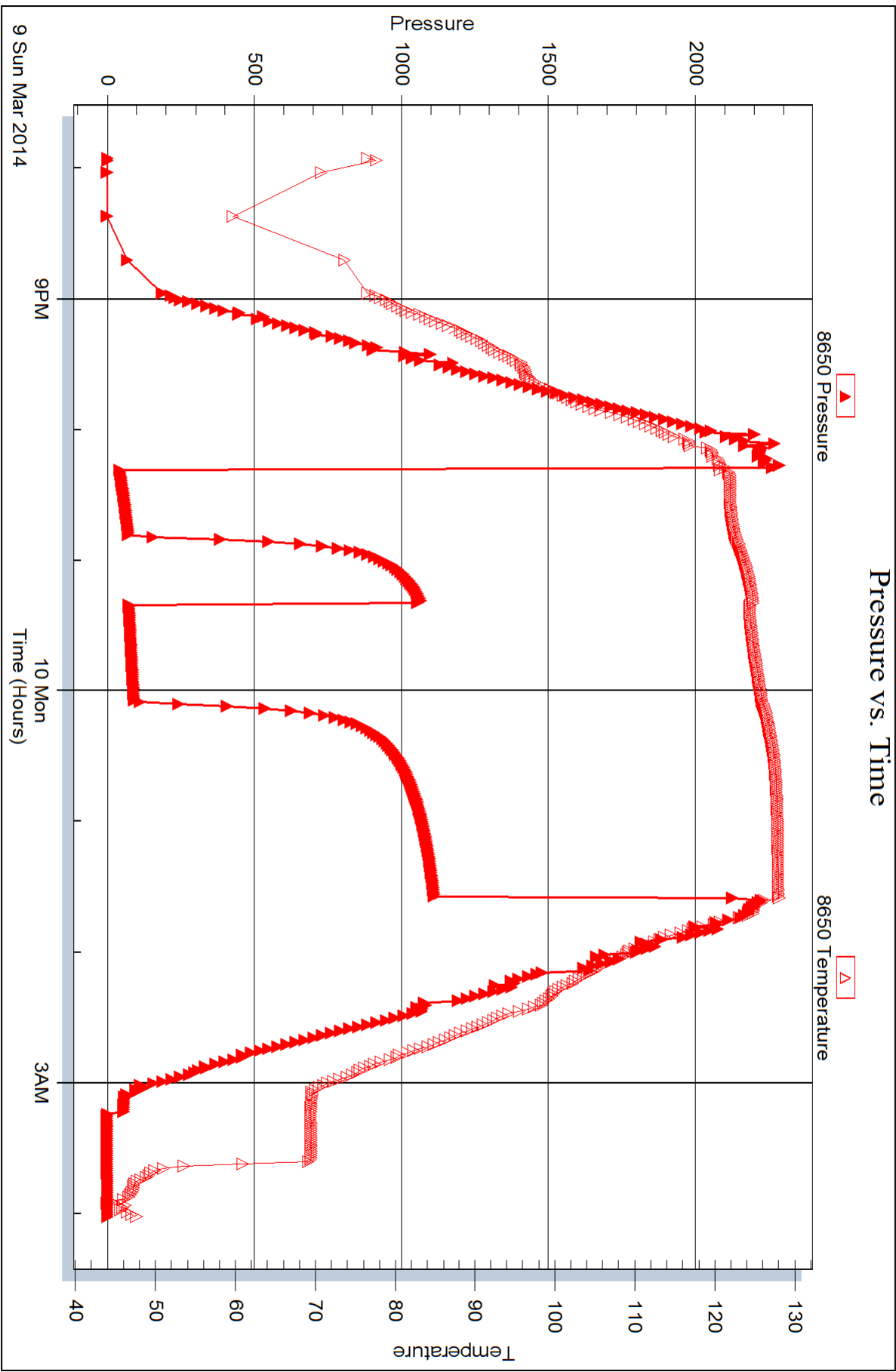


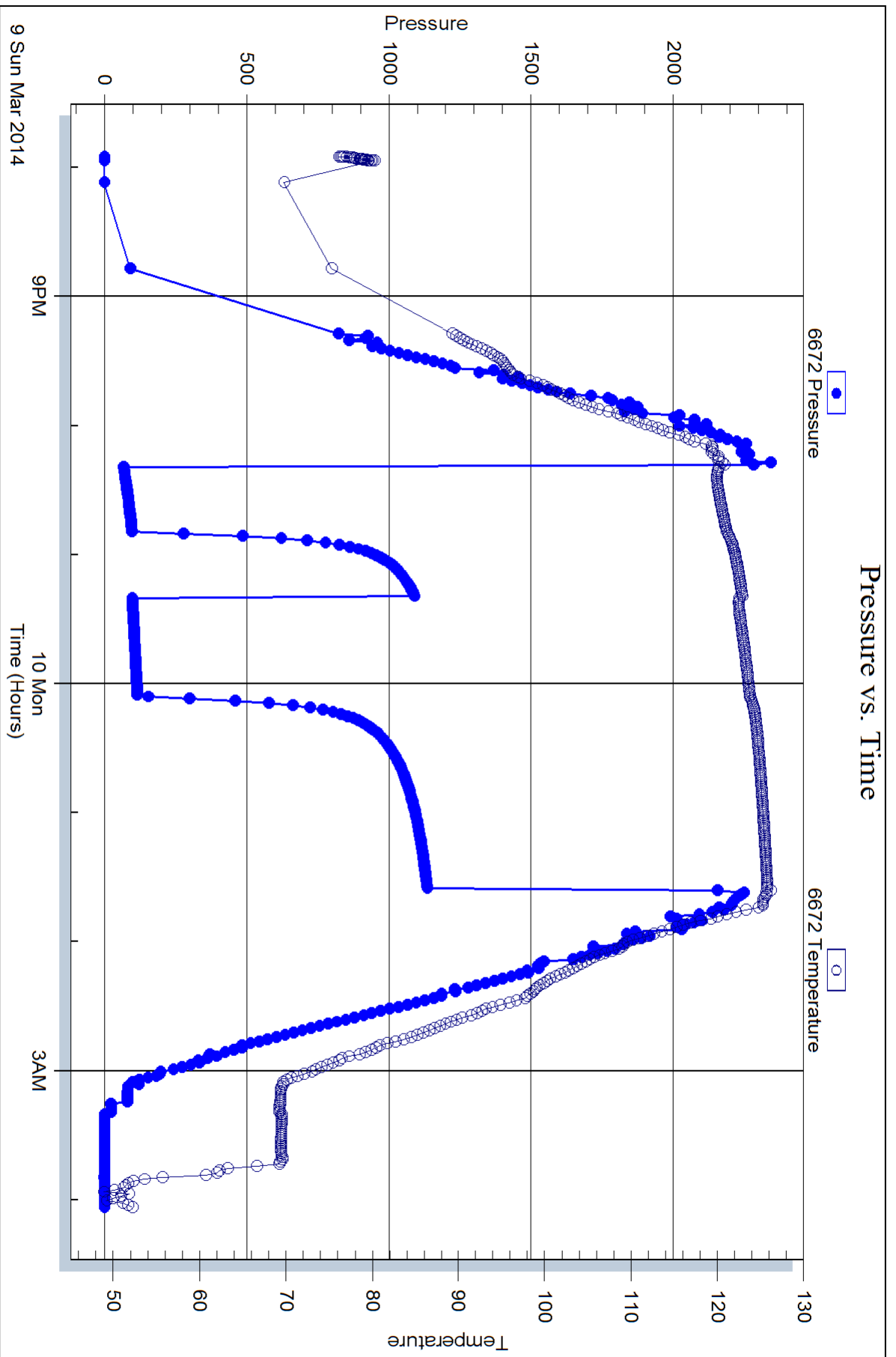
Triobite Testing, Inc

Ref. No: 54622

Printed: 2014.03.10 @ 07:24:45









PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

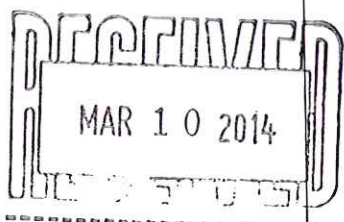
Invoice Number: 141633  
Invoice Date: Feb 28, 2014  
Page: 1

|   |
|---|
| <b>Bill To:</b>   |
| Shakespeare Oil Co., Inc.<br>202 West Main St.<br>Salem, IL 62881 |

| Customer ID  | Field Ticket # | Payment Terms |          |
|--------------|----------------|---------------|----------|
| Shak         | 62670          | Net 30 Days   |          |
| Job Location | Camp Location  | Service Date  | Due Date |
| KS1-01       | Great Bend     | Feb 28, 2014  | 3/30/14  |

| Quantity | Item               | Description           | Unit Price | Amount   |
|----------|--------------------|-----------------------|------------|----------|
| 1.00     | WELL NAME          | York #1-12            |            |          |
| 175.00   | CEMENT MATERIALS   | Class A Common        | 17.90      | 3,132.50 |
| 3.00     | CEMENT MATERIALS   | Gel                   | 23.40      | 70.20    |
| 493.00   | CEMENT MATERIALS   | Chloride              | 0.80       | 394.40   |
| 189.22   | CEMENT SERVICE     | Cubic Feet Charge     | 2.48       | 469.27   |
| 345.20   | CEMENT SERVICE     | Ton Mileage Charge    | 2.60       | 897.52   |
| 1.00     | CEMENT SERVICE     | Surface ✓             | 1,512.25   | 1,512.25 |
| 40.00    | CEMENT SERVICE     | Pump Truck Mileage    | 7.70       | 308.00   |
| 40.00    | CEMENT SERVICE     | Light Vehicle Mileage | 4.40       | 176.00   |
| 1.00     | CEMENT SUPERVISOR  | Joshua Isaac          |            |          |
| 1.00     | EQUIPMENT OPERATOR | Ben Newell            |            |          |

INT



10502-5

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

\$ 1,809.63

ONLY IF PAID ON OR BEFORE

Mar 25, 2014

|                        |                 |
|------------------------|-----------------|
| Subtotal               | 6,960.14        |
| Sales Tax              | 293.16          |
| Total Invoice Amount   | 7,253.30        |
| Payment/Credit Applied |                 |
| <b>TOTAL</b>           | <b>7,253.30</b> |

DW

# ALLIED OIL & GAS SERVICE, LLC 062670

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

|                         |                   |  |                  |            |                     |                         |                          |
|-------------------------|-------------------|--|------------------|------------|---------------------|-------------------------|--------------------------|
| DATE <u>2-28-14</u>     | SEC. <u>12</u>    | TWP. <u>16</u>                           | RANGE <u>37W</u> | CALLED OUT | ON LOCATION         | JOB START <u>4:00pm</u> | JOB FINISH <u>4:30pm</u> |
| LEASE <u>York</u>       | WELL# <u>1-12</u> | LOCATION <u>Healy 2 west to Bison rd</u> |                  |            | COUNTY <u>Scott</u> | STATE <u>KS</u>         |                          |
| OLD OR NEW (Circle one) |                   | <u>7N to Rd 290 - West - South into</u>  |                  |            |                     |                         |                          |

CONTRACTOR HD Drilling #2 OWNER \_\_\_\_\_

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. \_\_\_\_\_

CASING SIZE 8 7/8 DEPTH 226

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15 Ft

PERFS. \_\_\_\_\_

DISPLACEMENT 13.44 bbl fresh water

**EQUIPMENT**

PUMP TRUCK CEMENTER Josh Kace

# 366 HELPER Ben Howell

BULK TRUCK \_\_\_\_\_

# 341 DRIVER Alex Ochome

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

On location - fix up - had safety meeting  
Run 8 7/8 casing - broke circulation up rig and  
Drop 5 bbl fresh water  
Use 175 sks class A 3/8" 2 1/2" gel  
Displace 13.44 bbl fresh water  
switch  
4:30 pm  
Cement did circulate  
rig down

CHARGE TO: Shakespeare Oil Comp.

STREET \_\_\_\_\_

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

To: Allied Oil & Gas Services, 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 X Richard Brockman

SIGNATURE [Signature]

Thank you!

CEMENT

AMOUNT ORDERED 175 sks class A 3/8" 2 1/2" gel

COMMON 175 @ 17.90 3132.50

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 3 @ 23.40 70.20

CHLORIDE 493 @ .80 394.40

ASC \_\_\_\_\_ @ \_\_\_\_\_

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

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

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

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

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

HANDLING 189.22 @ 2.48 469.26

MILEAGE 8.63 X 40 X 2.60 897.52

TOTAL 4963.48

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE HUM 40 @ 7.70 308.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

LUM 40 @ 4.40 176.00

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

TOTAL 1996.25

**PLUG & FLOAT EQUIPMENT**

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

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

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

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

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

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 6960.13

DISCOUNT 1809.63 IF PAID IN 30 DAYS

5150.50



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 141878  
Invoice Date: Mar 10, 2014  
Page: 1

Voice: (817) 546-7282  
Fax: (817) 246-3361

|   |
|---|
| <b>Bill To:</b>   |
| Shakespeare Oil Co., Inc.<br>202 West Main St.<br>Salem, IL 62881 |

| Customer ID  | Field Ticket # | Payment Terms |          |
|--------------|----------------|---------------|----------|
| Shak         | 61985          | Net 30 Days   |          |
| Job Location | Camp Location  | Service Date  | Due Date |
| KS1-03       | Oakley         | Mar 10, 2014  | 4/9/14   |

| Quantity | Item               | Description           | Unit Price | Amount   |
|----------|--------------------|-----------------------|------------|----------|
| 1.00     | WELL NAME          | York #1-12            |            |          |
| 162.00   | CEMENT MATERIALS   | Class A Common        | 17.90      | 2,899.80 |
| 108.00   | CEMENT MATERIALS   | Pozmix                | 9.35       | 1,009.80 |
| 9.00     | CEMENT MATERIALS   | Gel                   | 34.60      | 311.40   |
| 67.00    | CEMENT MATERIALS   | Flo Seal              | 2.97       | 198.99   |
| 289.95   | CEMENT SERVICE     | Cubic Feet Charge     | 2.48       | 719.08   |
| 696.60   | CEMENT SERVICE     | Ton Mileage Charge    | 2.60       | 1,811.16 |
| 1.00     | CEMENT SERVICE     | Plug to Abandon ✓     | 1,250.00   | 1,250.00 |
| 60.00    | CEMENT SERVICE     | Pump Truck Mileage    | 7.70       | 462.00   |
| 60.00    | CEMENT SERVICE     | Light Vehicle Mileage | 4.40       | 264.00   |
| 1.00     | CEMENT SUPERVISOR  | Kelly Gabel           |            |          |
| 1.00     | EQUIPMENT OPERATOR | Wayne McGhghy         |            |          |

INT

RECEIVED  
MAR 24 2014  
REVENUE DIV

10502-17

KW Jh

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

\$ 3,124.18

ONLY IF PAID ON OR BEFORE  
Apr 4, 2014

|                        |                 |
|------------------------|-----------------|
| Subtotal               | 8,926.23        |
| Sales Tax              | 727.49          |
| Total Invoice Amount   | 9,653.72        |
| Payment/Credit Applied |                 |
| <b>TOTAL</b>           | <b>9,653.72</b> |

DW

# ALLIED OIL & GAS SERVICES, LLC 061985

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley, KS

|                                  |                |                            |                             |   |             |                          |                           |
|----------------------------------|----------------|----------------------------|-----------------------------|---|-------------|--------------------------|---------------------------|
| DATE <u>3-10-14</u>              | SEC. <u>12</u> | TWP. <u>16<sup>s</sup></u> | RANGE <u>31<sup>w</sup></u> | CALLED OUT  | ON LOCATION | JOB START <u>4:30 PM</u> | JOB FINISH <u>5:00 PM</u> |
| LEASE <u>York</u>                |                | WELL# <u>1-12</u>          |                             | LOCATION <u>Heavy w to Bison Rd 7 1/2 mi S into</u> |             | COUNTY <u>Scott</u>      | STATE <u>KS</u>           |
| OLD OR <u>(NEW)</u> (Circle one) |                |                            |                             |   |             |                          |                           |

CONTRACTOR HD #2  
 TYPE OF JOB PTA  
 HOLE SIZE 7 7/8 T.D. 4630  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER J&M P  
 CEMENT AMOUNT ORDERED 220 SKS 60/40 Poz  
470 gal 1/4" #10 seal

EQUIPMENT  
 PUMP TRUCK CEMENTER Kelly Grabel  
 # 422 HELPER Wayne McGilghy  
 BULK TRUCK  
 # 373A310 DRIVER Alex (Toss)  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

|                      |                              |                |
|----------------------|------------------------------|----------------|
| COMMON               | <u>162 SKS @ 12.90</u>       | <u>2099.80</u> |
| POZMIX               | <u>108 SKS @ 9.35</u>        | <u>1009.80</u> |
| OEL                  | <u>9 SKS @ 34.00</u>         | <u>311.40</u>  |
| CHLORIDE             | @                            |                |
| ASC                  | @                            |                |
| <u>Plat-seal 67#</u> | <u>@ 2.97</u>                | <u>199.80</u>  |
|                      | @                            |                |
|                      | @                            |                |
|                      | @                            |                |
|                      | @                            |                |
|                      | @                            |                |
|                      | @                            |                |
| HANDLING             | <u>289.95 cost @ 2.95</u>    | <u>719.05</u>  |
| MILEAGE              | <u>116.1 top x 60 x 2.60</u> | <u>181.16</u>  |
| TOTAL                |                              | <u>6950.24</u> |

REMARKS:

Rigged up  
50 @ 2370  
80 @ 1580  
40 @ 750  
50 @ 370  
20 @ 60  
30 Rts  
Thank you Kelly & crew

SERVICE

|                          |                        |                |
|--------------------------|------------------------|----------------|
| DEPTH OF JOB             | <u>2370'</u>           |                |
| PUMP TRUCK CHARGE        | <u>1250.00</u>         |                |
| EXTRA FOOTAGE            | @                      |                |
| MILBAGE <u>Mi. HV 60</u> | <u>@ 7.70 - 462.00</u> |                |
| MANIFOLD                 | @                      |                |
| <u>Mi. LV 60</u>         | <u>@ 4.40 - 264.00</u> |                |
|                          | @                      |                |
| TOTAL                    |                        | <u>1976.00</u> |

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

PLUG & FLOAT EQUIPMENT

|       |   |       |
|-------|---|-------|
| _____ | @ |       |
| _____ | @ |       |
| _____ | @ |       |
| _____ | @ |       |
| _____ | @ |       |
| _____ | @ |       |
| TOTAL |   | _____ |

To: Allied Oil & Gas Services, 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 Day Roberts  
 SIGNATURE Day Roberts

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 8,926.24  
 DISCOUNT 3,124.18 IF PAID IN 30 DAYS  
5,802.05 Net