



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1211589  
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 Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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: \_\_\_\_\_



1211589

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 <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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	B4US 1-32
Doc ID	1211589

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	B4US 1-32
Doc ID	1211589

Tops

Name	Top	Datum
Base Anhydrite	2405	+661
Heebner	3969	-903
Lansing	4018	-952
Muncie Creek	4198	-1132
Stark Shale	4298	-1232
Hushpuckney	4347	-1281
Pawnee	4528	-1462
L. Cherokee Shale	4603	-1537
Johnson	4647	-1581
Mississpian	4759	-1693



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.  
 202 W. Main St  
 Salem Il.  
 62881  
 ATTN: Tim Priest

**32-17-33 Scott Co. KS**

**B4US 1-32**

Job Ticket: 56448

**DST#: 1**

Test Start: 2014.05.06 @ 14:19:15

## GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:04:30

Time Test Ended: 23:09:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

**Interval: 4403.00 ft (KB) To 4441.00 ft (KB) (TVD)**

Total Depth: 4441.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3066.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8846 Inside**

Press@RunDepth: 548.35 psig @ 4436.00 ft (KB)

Start Date: 2014.05.06

End Date: 2014.05.06

Start Time: 14:19:15

End Time: 23:09:45

Capacity: 8000.00 psig

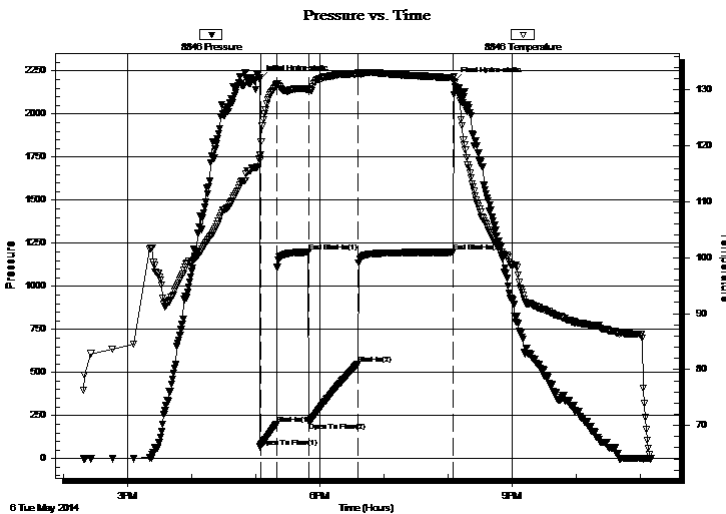
Last Calib.: 2014.05.06

Time On Btm: 2014.05.06 @ 17:04:00

Time Off Btm: 2014.05.06 @ 20:05:30

TEST COMMENT: IF:BOB in 6 min.  
 IS:No return blow  
 FF:BOB in 6 min.  
 FS: Built to weak surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.53	118.36	Initial Hydro-static
1	67.43	118.38	Open To Flow (1)
16	200.73	130.86	Shut-In(1)
46	1198.15	130.18	End Shut-In(1)
46	214.02	129.96	Open To Flow (2)
92	548.35	132.91	Shut-In(2)
181	1197.86	132.15	End Shut-In(2)
182	2188.02	132.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
123.00	sw 100% sw	0.60
392.00	mcw 10%m 90%w	4.99
186.00	gmw o 5%g 10%m 20%w 65%o	2.61
124.00	gw om 5%g 20%w 25%o 50%m	1.74
310.00	mw gco 10%w 10%m 20%g 60%o	4.35
186.00	mcgo 10%m 20%g 70%o	2.61

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881

**B4US 1-32**

Job Ticket: 56448

**DST#: 1**

ATTN: Tim Priest

Test Start: 2014.05.06 @ 14:19:15

### 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:

20000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.94 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
123.00	sw 100% sw	0.605
392.00	mcw 10%m 90%w	4.989
186.00	gmw o 5%g 10%m 20%w 65%o	2.609
124.00	gw om 5%g 20%w 25%o 50%m	1.739
310.00	mw gco 10%w 10%m 20%g 60%o	4.348
186.00	mcgo 10%m 20%g 70%o	2.609

Total Length: 1321.00 ft Total Volume: 16.899 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .383@66.9\*= 20,000 ppm

API= under 19 w ont register on guage (THICK)

Serial #: 8846

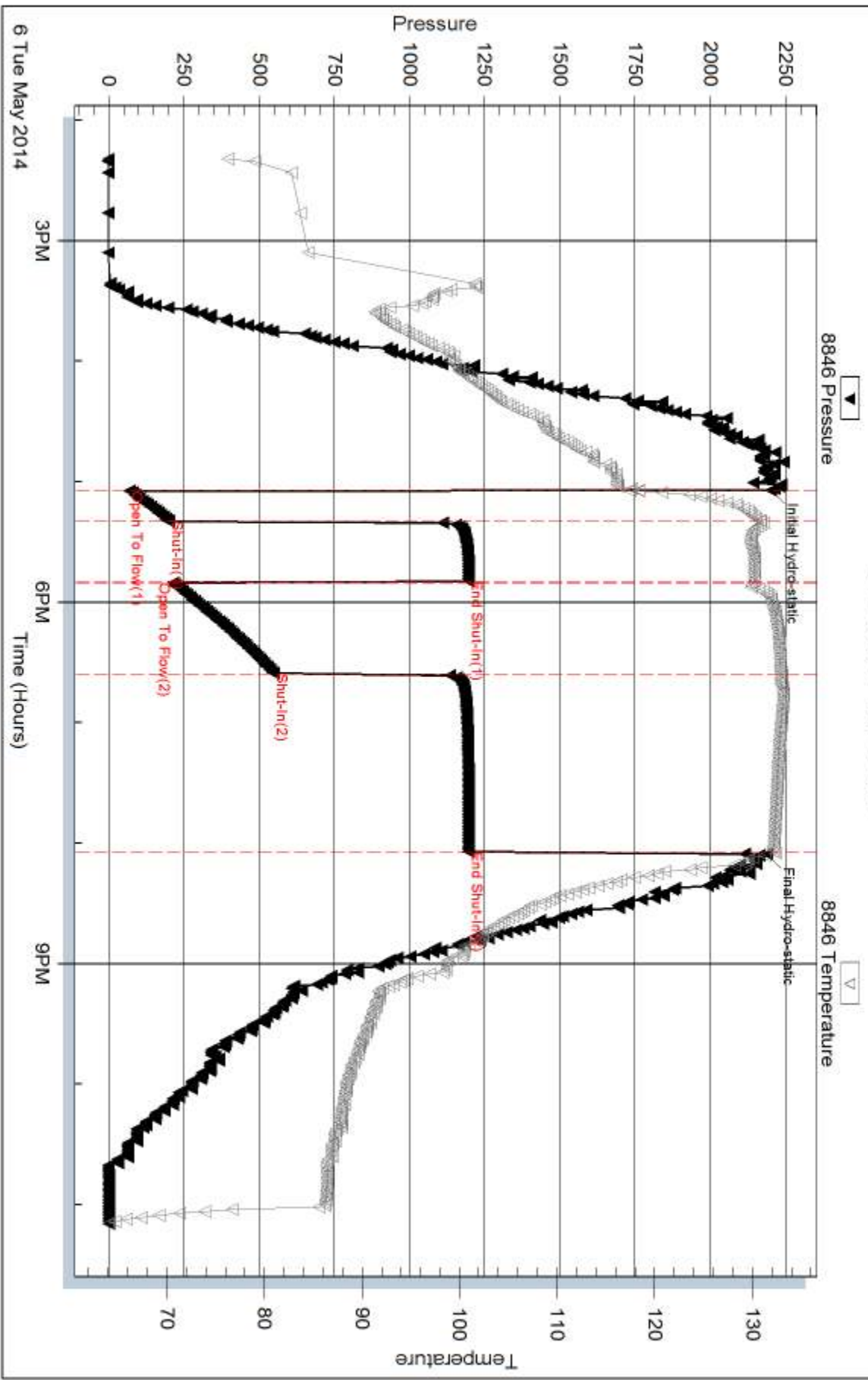
Inside

Shakespeare Oil Inc.

B4US 1-32

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 56448

Printed: 2014.05.07 @ 11:03:21



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem Il.  
62881  
ATTN: Tim Priest

**B4US 1-32**

Job Ticket: 56449

**DST#: 2**

Test Start: 2014.05.07 @ 11:15:15

## GENERAL INFORMATION:

Formation: **Marmaton A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:37:00

Time Test Ended: 17:51:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4457.00 ft (KB) To 4495.00 ft (KB) (TVD)**

Reference Elevations: 3066.00 ft (KB)

Total Depth: 4495.00 ft (KB) (TVD)

3056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8846**

**Inside**

Press@RunDepth: 16.89 psig @ 4490.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.07

End Date:

2014.05.07

Last Calib.:

2014.05.07

Start Time:

11:15:15

End Time:

17:51:00

Time On Btm:

2014.05.07 @ 13:36:45

Time Off Btm:

2014.05.07 @ 15:37:00

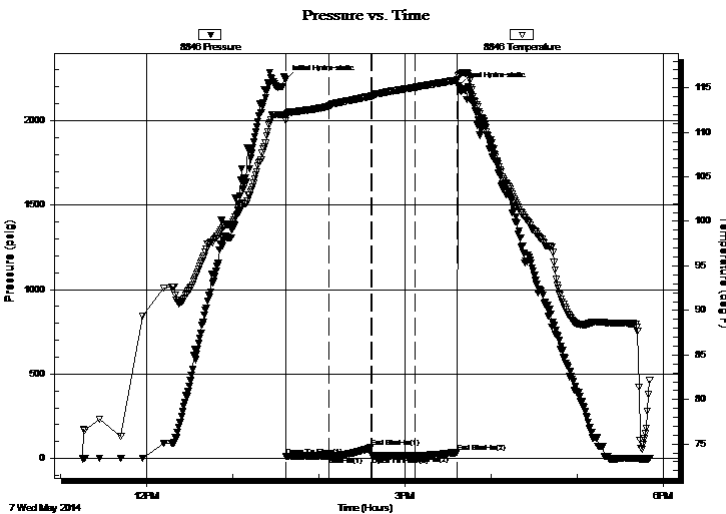
TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2243.55	112.00	Initial Hydro-static
1	13.81	111.32	Open To Flow (1)
31	16.01	112.94	Shut-In(1)
60	65.97	114.06	End Shut-In(1)
61	15.63	114.06	Open To Flow (2)
90	16.89	115.04	Shut-In(2)
120	36.71	115.87	End Shut-In(2)
121	2203.98	116.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud with oil spots	0.01

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881

**B4US 1-32**

Job Ticket: 56449

**DST#: 2**

ATTN: Tim Priest

Test Start: 2014.05.07 @ 11:15:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud w ith oil spots	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

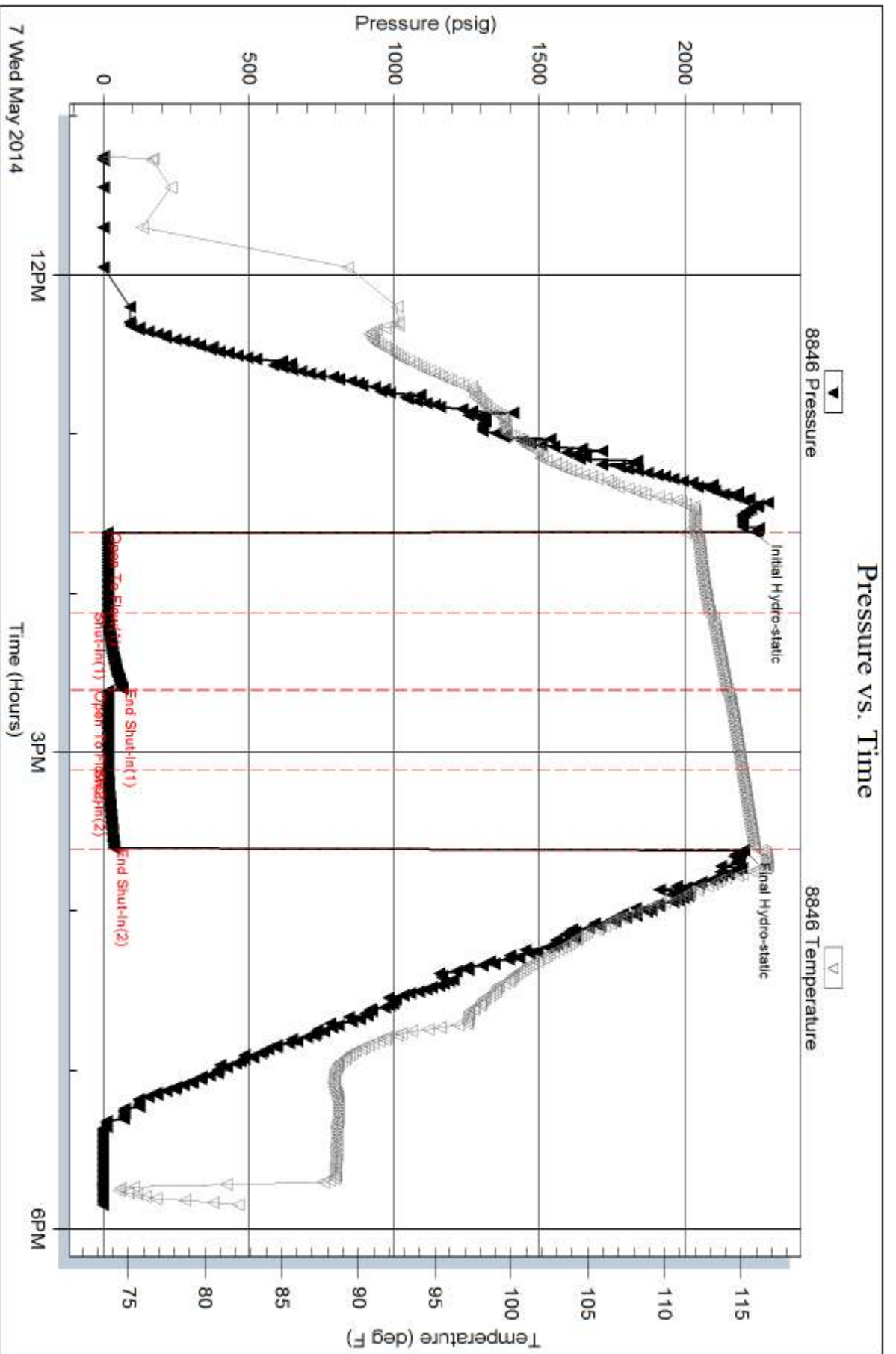
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.  
202 W. Main St  
Salem Il.  
62881  
ATTN: Tim Priest

**32-17-33 Scott Co. KS**

**B4US 1-32**

Job Ticket: 56450

**DST#: 3**

Test Start: 2014.05.08 @ 12:38:15

## GENERAL INFORMATION:

Formation: **ma,pownee,fort scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 19:07:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4497.00 ft (KB) To 4605.00 ft (KB) (TVD)**

Reference Elevations: 3066.00 ft (KB)

Total Depth: 4605.00 ft (KB) (TVD)

3056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8846**

**Inside**

Press @ Run Depth: psig @ 4500.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.08

End Date:

2014.05.08

Last Calib.:

2014.05.08

Start Time:

12:38:15

End Time:

19:07:30

Time On Btm:

2014.05.08 @ 15:19:15

Time Off Btm:

2014.05.08 @ 15:27:15

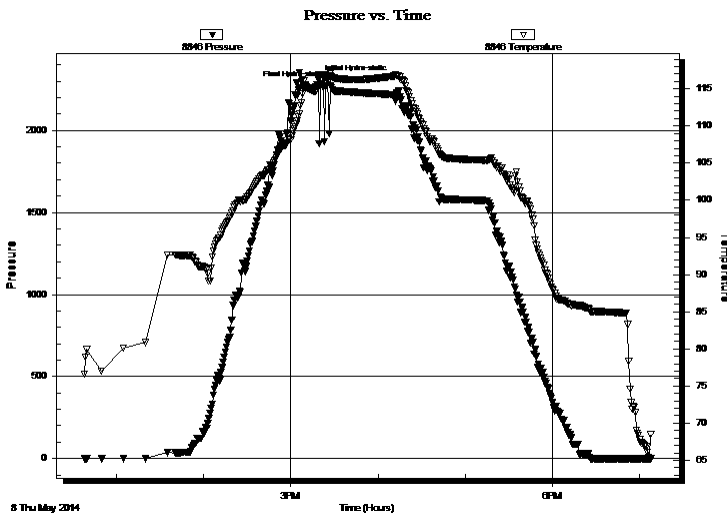
TEST COMMENT: IF;PACKER FAILURE

IS;

FF;

FS;

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2307.61	115.38	Initial Hydro-static
8	2269.99	117.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
538.00	mud 100% m	5.92

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881

**B4US 1-32**

Job Ticket: 56450

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.05.08 @ 12:38:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
538.00	mud 100% m	5.916

Total Length: 538.00 ft      Total Volume: 5.916 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

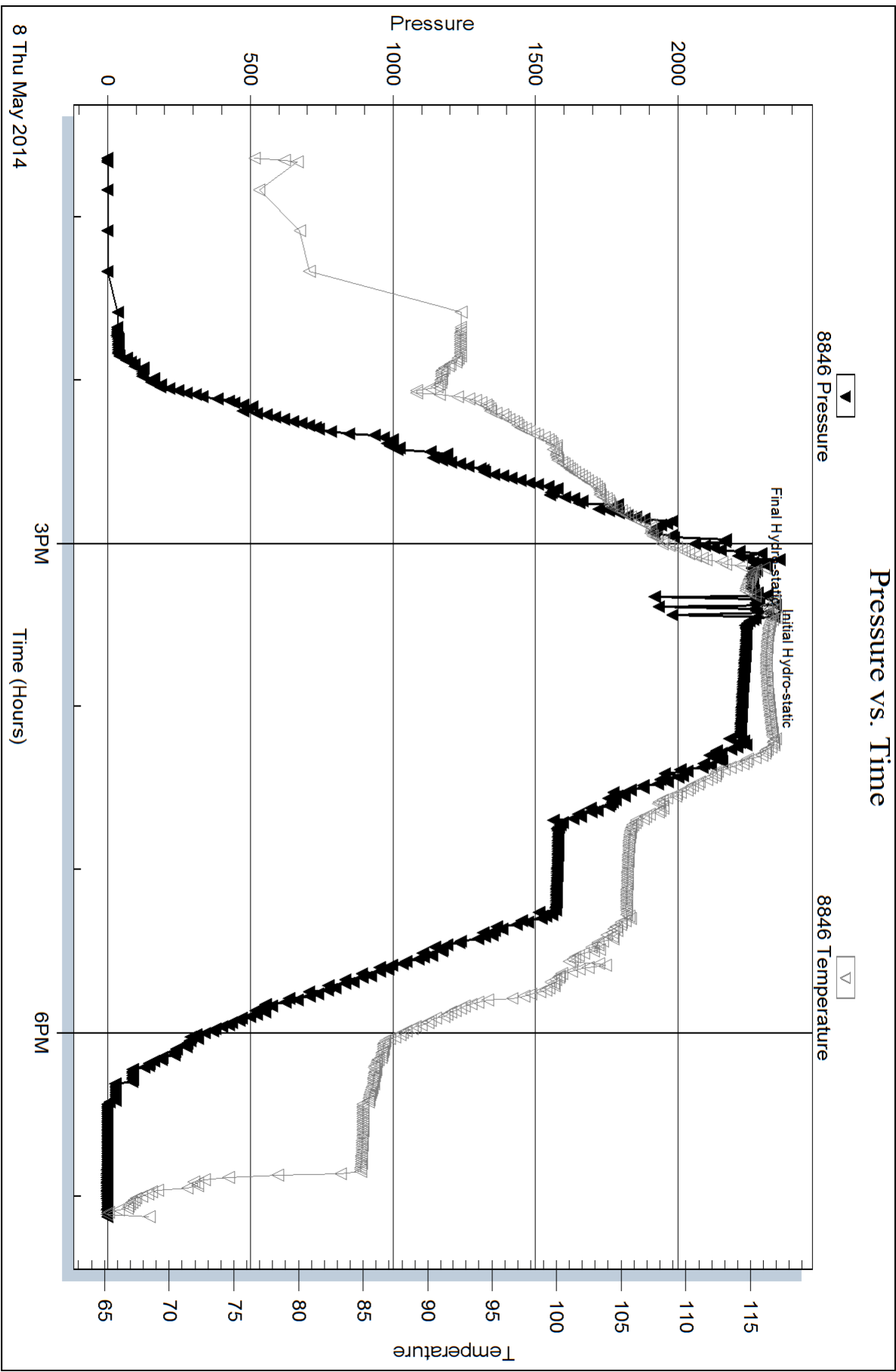
Serial #: 8846

Inside

Shakespeare Oil Inc.

B4US 1-32

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56450

Printed: 2014.05.09 @ 04:31:41



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881  
ATTN: Tim Priest

**B4US 1-32**

Job Ticket: 57651

**DST#: 4**

Test Start: 2014.05.08 @ 19:33:15

## GENERAL INFORMATION:

Formation: **ma-fort scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 01:09:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4488.00 ft (KB) To 4605.00 ft (KB) (TVD)**

Reference Elevations: 3066.00 ft (KB)

Total Depth: 4441.00 ft (KB) (TVD)

3056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8846 Inside**

Press @ Run Depth: psig @ 4492.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.08

End Date:

2014.05.09

Last Calib.:

2014.05.09

Start Time:

19:33:15

End Time:

01:09:00

Time On Btm:

2014.05.08 @ 21:29:45

Time Off Btm:

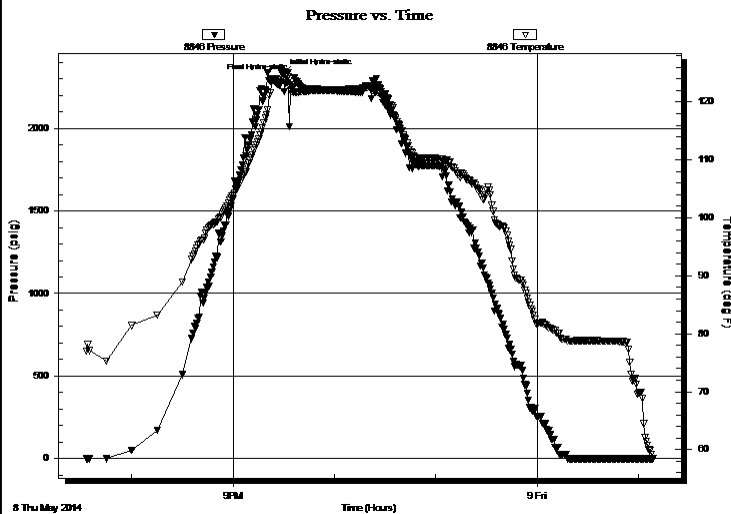
2014.05.08 @ 21:36:15

TEST COMMENT: IF; PACKER FAILURE

IS;

FF;

FS;



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.19	123.77	Initial Hydro-static
7	2304.65	121.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
438.00	mud 100% m	4.51

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881

**B4US 1-32**

Job Ticket: 57651

**DST#: 4**

ATTN: Tim Priest

Test Start: 2014.05.08 @ 19:33:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
438.00	mud 100%m	4.513

Total Length: 438.00 ft      Total Volume: 4.513 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

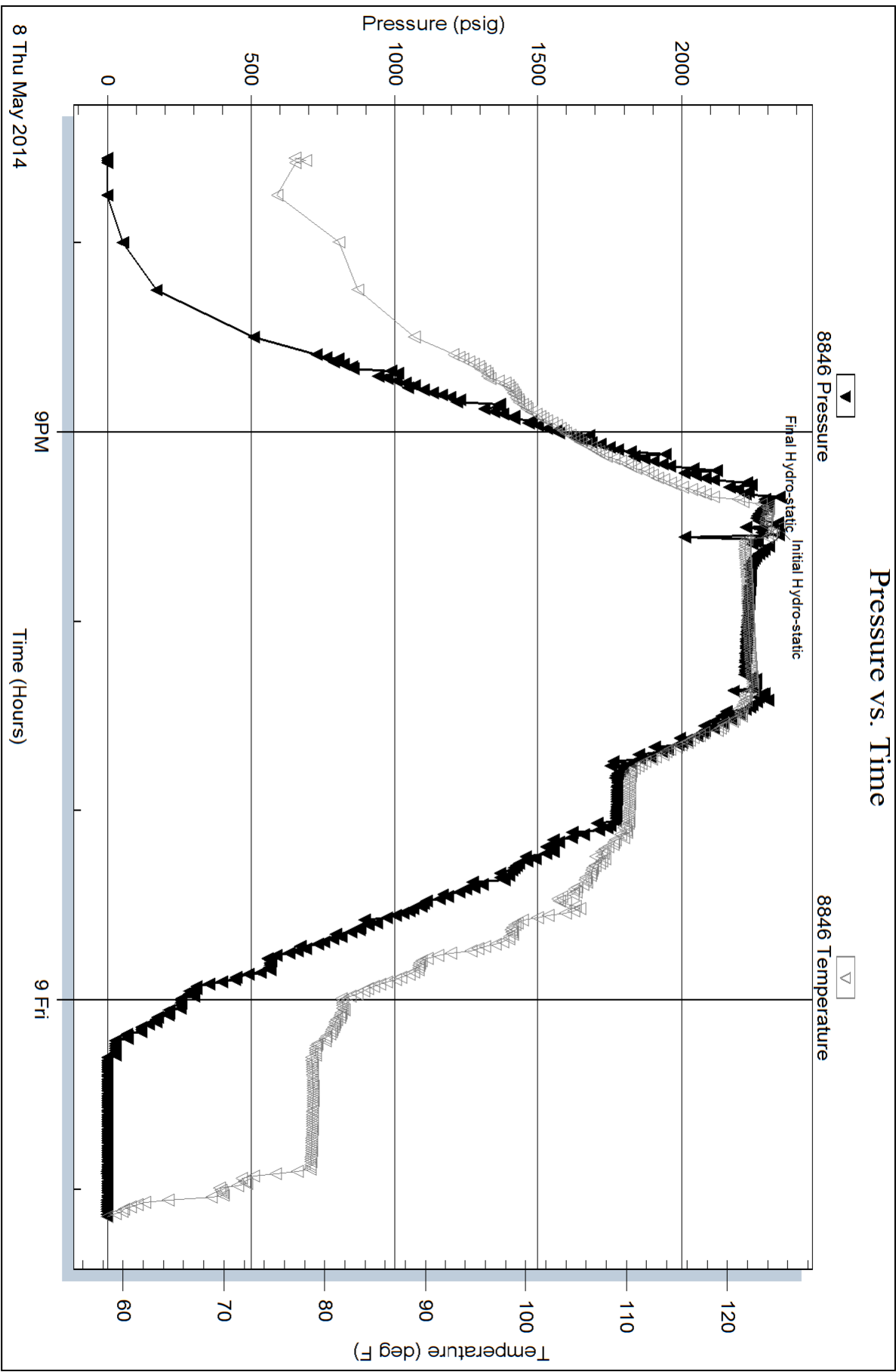
Serial #: 8846

Inside

Shakespeare Oil Inc.

B4US 1-32

DST Test Number: 4







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881  
ATTN: Tim Priest

**B4US 1-32**

Job Ticket: 57652

**DST#: 5**

Test Start: 2014.05.09 @ 01:34:15

## GENERAL INFORMATION:

Formation: **Ma-Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:10:30

Time Test Ended: 09:05:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4457.00 ft (KB) To 4605.00 ft (KB) (TVD)**

Reference Elevations: 3066.00 ft (KB)

Total Depth: 4605.00 ft (KB) (TVD)

3056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8846**

**Inside**

Press@RunDepth: 212.17 psig @ 4461.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.09

End Date:

2014.05.09

Last Calib.:

2014.05.09

Start Time: 01:34:15

End Time:

09:05:15

Time On Btm:

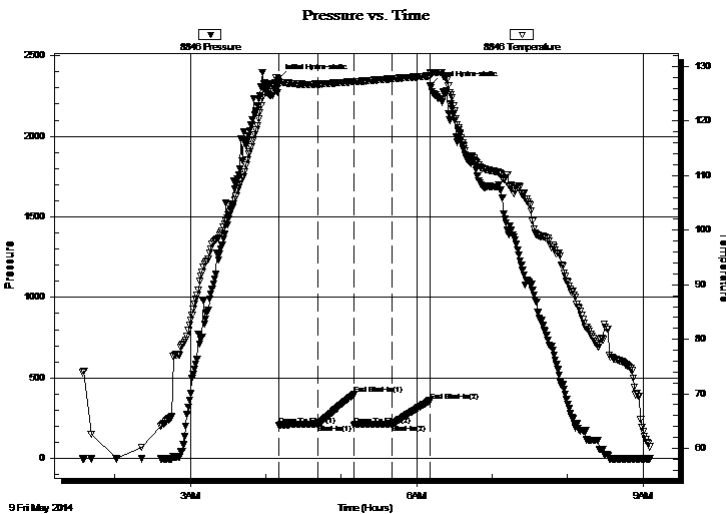
2014.05.09 @ 04:10:15

Time Off Btm:

2014.05.09 @ 06:10:45

TEST COMMENT: IF: Built to 3/4" blow  
IS: No return blow  
FF: No blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2355.80	127.28	Initial Hydro-static
1	207.04	126.65	Open To Flow (1)
32	211.28	126.78	Shut-In(1)
60	397.56	127.26	End Shut-In(1)
60	208.84	127.19	Open To Flow (2)
91	212.17	127.76	Shut-In(2)
121	359.59	128.28	End Shut-In(2)
121	2315.55	128.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
193.00	mud w ith oil spots	1.08

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881

**B4US 1-32**

Job Ticket: 57652

**DST#: 5**

ATTN: Tim Priest

Test Start: 2014.05.09 @ 01:34:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
193.00	mud w ith oil spots	1.077

Total Length: 193.00 ft

Total Volume: 1.077 bbl

Num Fluid Samples: 0

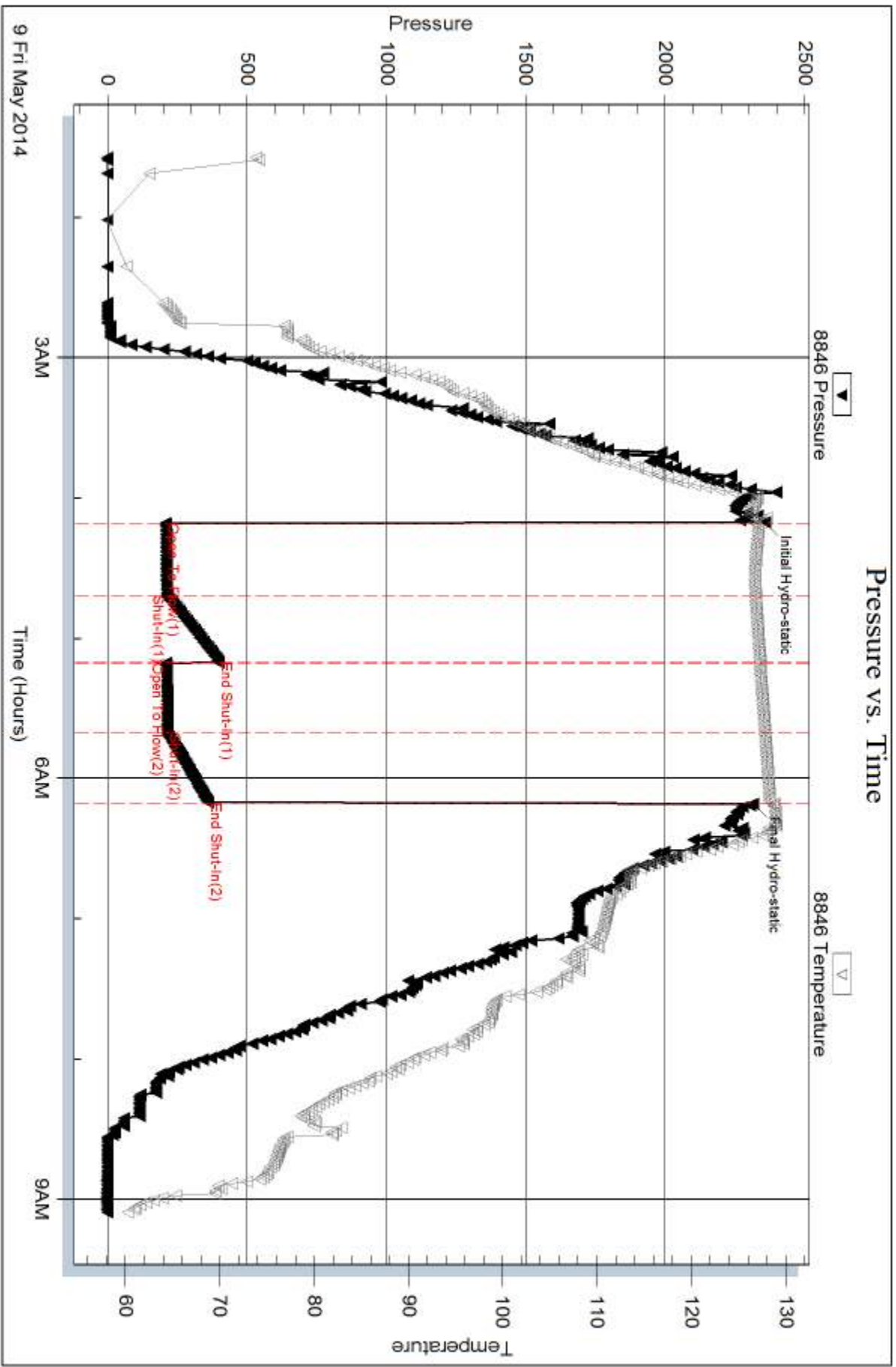
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







PO Box 93999  
Southlake, TX 76092

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

# INVOICE

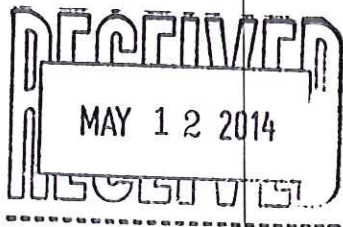
Invoice Number: 142910  
Invoice Date: Apr 29, 2014  
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Shak	62096	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 29, 2014	5/29/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>B4US #1-32</u>		
180.00	CEMENT MATERIALS	Class A Common	17.90	3,222.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
194.64	CEMENT SERVICE	Cubic Feet Charge	2.48	482.71
399.60	CEMENT SERVICE	Ton Mileage Charge	2.60	1,038.96
1.00	CEMENT SERVICE	Surface ✓	1,512.25	1,512.25
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	CEMENT SUPERVISOR	Andrew Forslund		

INT



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

\$ 1,882.40

ONLY IF PAID ON OR BEFORE May 24, 2014

Subtotal	7,529.62
Sales Tax	299.61
Total Invoice Amount	7,829.23
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,829.23</b>

DW  
10502-BS  
KW





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 143278

Invoice Date: May 11, 2014

Page: 1

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

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

Customer ID	Field Ticket #	Payment Terms	
Shak	63489	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	May 11, 2014	6/10/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>B4US #1-32</u>		
4.00	CEMENT MATERIALS	Gel	23.40	93.60
180.00	CEMENT MATERIALS	ASC	20.90	3,762.00
900.00	CEMENT MATERIALS	Gilsonite	0.98	882.00
19.00	CEMENT MATERIALS	Salt	26.35	500.65
125.00	CEMENT MATERIALS	CD-31	10.30	1,287.50
12.00	CEMENT MATERIALS	WFR-II	58.70	704.40
233.36	CEMENT SERVICE	Cubic Feet Charge	2.48	578.73
455.40	CEMENT SERVICE	Ton Mileage Charge	2.60	1,184.04
1.00	CEMENT SERVICE	Long String ✓	2,765.75	2,765.75
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Manifold Rotating Head Rental	475.00	475.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

**RECEIVED**  
 MAY 27 2014  
 SOUTHWEST

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

\$ 3,194.54 ✓

ONLY IF PAID ON OR BEFORE  
Jun 5, 2014

Subtotal	12,778.17
Sales Tax	589.26
Total Invoice Amount	13,367.43
Payment/Credit Applied	
<b>TOTAL</b>	<b>13,367.43</b>

Dw  
10502-5  
KW







PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 143909  
Invoice Date: Jun 17, 2014  
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Shak	63342	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-05	Oakley	Jun 17, 2014	7/17/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>B4US #1-32</u>		
50.00	CEMENT MATERIALS	Class A Common	17.90	895.00
4.00	CEMENT MATERIALS	CD180	7.73	30.92
1.00	CEMENT SERVICE	Cubic Feet Charge	380.00	380.00
1.00	CEMENT SERVICE	Ton Mileage Charge	225.00	225.00
1.00	CEMENT SERVICE	Squeeze ✓	2,810.84	2,810.84
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Squeeze Manifold Rental	430.00	430.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		

10502-5  
KW

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

\$ 1,329.07

ONLY IF PAID ON OR BEFORE  
Jul 17, 2014

Subtotal	5,316.26
Sales Tax	75.46
Total Invoice Amount	5,391.72
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,391.72</b>

DW



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

October 21, 2014

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

Re: ACO-1  
API 15-171-21051-00-00  
B4US 1-32  
NW/4 Sec.32-17S-33W  
Scott County, Kansas

Dear Don Williams:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/28/2014 and the ACO-1 was received on October 13, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department